Appendix A

Air Quality/Greenhouse Gas Modeling Results

1601 San Francisco Avenue

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	94.87	1000sqft	3.93	94,872.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Site Acreage is 3.93, thus 1.75 added to main use; industrial wharehouse

Construction Phase - Client provided construction schedule

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Client provided equipmnet list

Off-road Equipment -

Off-road Equipment - Client provided equipmnet list

Off-road Equipment -

Demolition -

Grading - Site is 3.93 acres

Vehicle Trips - Project Traffic Report provides trip generation for weekday of 4.96, about 71% of the standard ITE rate, weekend rates were adjusted accordingly

Solid Waste - Per AB431 a 25% reduction has been applied to waste: 117.64-25%=88.23

Construction Off-road Equipment Mitigation - CARB In-use Off-road Regulations for Tiering and SCAQMD Rule 401 Dust Control

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	18.00	23.00
tblConstructionPhase	NumDays	230.00	123.00
tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	8.00	11.00
tblConstructionPhase	NumDays	18.00	11.00
tblConstructionPhase	NumDays	5.00	20.00
tblLandUse	LandUseSquareFeet	94,870.00	94,872.00

tblLandUse	LotAcreage	2.18	3.93
tblSolidWaste	SolidWasteGenerationRate	117.64	88.23
tblTripsAndVMT	HaulingTripNumber	0.00	1,460.00
tblVehicleTrips	ST_TR	1.32	0.94
tblVehicleTrips	SU_TR	0.68	0.48
tblVehicleTrips	WD_TR	6.97	4.96

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.7167	2.7531	1.9003	3.9600e-003	0.1301	0.1382	0.2683	0.0535	0.1291	0.1826	0.0000	357.3887	357.3887	0.0712	0.0000	359.1696
2020	1.1800e-003	0.0105	9.3900e-003	2.0000e-005	2.7000e-004	5.6000e-004	8.3000e-004	7.0000e-005	5.3000e-004	6.0000e-004	0.0000	1.5523	1.5523	3.0000e-004	0.0000	1.5599
Maximum	**0.7167**	**2.7531**	**1.9003**	**3.9600e-003**	**0.1301**	**0.1382**	**0.2683**	**0.0535**	**0.1291**	**0.1826**	**0.0000**	**357.3887**	**357.3887**	**0.0712**	**0.0000**	**359.1696**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.5329	1.7691	2.0041	3.9600e-003	0.0876	0.0845	0.1721	0.0319	0.0844	0.1163	0.0000	357.3884	357.3884	0.0712	0.0000	359.1693
2020	4.5000e-004	8.0400e-003	9.9100e-003	2.0000e-005	2.7000e-004	4.6000e-004	7.3000e-004	7.0000e-005	4.6000e-004	5.3000e-004	0.0000	1.5523	1.5523	3.0000e-004	0.0000	1.5599
Maximum	**0.5329**	**1.7691**	**2.0041**	**3.9600e-003**	**0.0876**	**0.0845**	**0.1721**	**0.0319**	**0.0844**	**0.1163**	**0.0000**	**357.3884**	**357.3884**	**0.0712**	**0.0000**	**359.1693**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**25.71**	**35.69**	**-5.46**	**0.00**	**32.56**	**38.79**	**35.77**	**40.22**	**34.56**	**36.22**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**2-13-2019**	**5-12-2019**	0.1719	0.0859
2	**5-13-2019**	**8-12-2019**	1.3820	0.7974
3	**8-13-2019**	**11-12-2019**	1.3673	1.0550
4	**11-13-2019**	**2-12-2020**	0.4581	0.3063
		Highest	1.3820	1.0550

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3869	1.0000e-005	1.2200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3500e-003	2.3500e-003	1.0000e-005	0.0000	2.5100e-003
Energy	9.2600e-003	0.0842	0.0707	5.1000e-004		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	427.1690	427.1690	0.0156	4.5500e-003	428.9140
Mobile	0.1275	0.7464	1.9225	7.2300e-003	0.5979	5.8200e-003	0.6038	0.1602	5.4400e-003	0.1657	0.0000	667.0906	667.0906	0.0317	0.0000	667.8835
Waste						0.0000	0.0000		0.0000	0.0000	17.9099	0.0000	17.9099	1.0584	0.0000	44.3710
Water						0.0000	0.0000		0.0000	0.0000	6.9601	91.0186	97.9787	0.7186	0.0177	121.2063
Total	**0.5237**	**0.8306**	**1.9944**	**7.7400e-003**	**0.5979**	**0.0122**	**0.6102**	**0.1602**	**0.0118**	**0.1721**	**24.8700**	**1,185.2806**	**1,210.1506**	**1.8244**	**0.0222**	**1,262.3772**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3869	1.0000e-005	1.2200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3500e-003	2.3500e-003	1.0000e-005	0.0000	2.5100e-003
Energy	9.2600e-003	0.0842	0.0707	5.1000e-004		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	427.1690	427.1690	0.0156	4.5500e-003	428.9140
Mobile	0.1275	0.7464	1.9225	7.2300e-003	0.5979	5.8200e-003	0.6038	0.1602	5.4400e-003	0.1657	0.0000	667.0906	667.0906	0.0317	0.0000	667.8835
Waste						0.0000	0.0000		0.0000	0.0000	17.9099	0.0000	17.9099	1.0584	0.0000	44.3710
Water						0.0000	0.0000		0.0000	0.0000	5.8744	76.8197	82.6940	0.6065	0.0149	102.2981
Total	**0.5237**	**0.8306**	**1.9944**	**7.7400e-003**	**0.5979**	**0.0122**	**0.6102**	**0.1602**	**0.0118**	**0.1721**	**23.7842**	**1,171.0817**	**1,194.8659**	**1.7123**	**0.0195**	**1,243.4690**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4.37**	**1.20**	**1.26**	**6.15**	**12.43**	**1.50**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2019	5/31/2019	5	23	
2	Site Preparation	Site Preparation	6/3/2019	6/28/2019	5	20	
3	Grading	Grading	7/1/2019	7/15/2019	5	11	
4	Building Construction	Building Construction	7/15/2019	1/1/2020	5	123	
5	Paving	Paving	10/1/2019	10/15/2019	5	11	
6	Architectural Coating	Architectural Coating	10/1/2019	10/31/2019	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 142,308; Non-Residential Outdoor: 47,436; Striped Parking Area: 0 (Architectural Coating – sqft)

<u>OffRoad Equipment</u>

1601 San Francisco Avenue - South Coast AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	53.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,460.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	40.00	16.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.7800e-003	0.0000	5.7800e-003	8.8000e-004	0.0000	8.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0404	0.4115	0.2537	4.5000e-004		0.0206	0.0206		0.0192	0.0192	0.0000	39.8203	39.8203	0.0111	0.0000	40.0972
Total	**0.0404**	**0.4115**	**0.2537**	**4.5000e-004**	**5.7800e-003**	**0.0206**	**0.0264**	**8.8000e-004**	**0.0192**	**0.0201**	**0.0000**	**39.8203**	**39.8203**	**0.0111**	**0.0000**	**40.0972**

3.2 Demolition - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.2000e-004	7.9600e-003	1.5300e-003	2.0000e-005	4.6000e-004	3.0000e-005	4.8000e-004	1.3000e-004	3.0000e-005	1.5000e-004	0.0000	2.0203	2.0203	1.4000e-004	0.0000	2.0238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	6.6000e-004	7.1900e-003	2.0000e-005	1.8900e-003	2.0000e-005	1.9100e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.7583	1.7583	5.0000e-005	0.0000	1.7597
Total	**1.0500e-003**	**8.6200e-003**	**8.7200e-003**	**4.0000e-005**	**2.3500e-003**	**5.0000e-005**	**2.3900e-003**	**6.3000e-004**	**4.0000e-005**	**6.7000e-004**	**0.0000**	**3.7786**	**3.7786**	**1.9000e-004**	**0.0000**	**3.7835**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.6000e-003	0.0000	2.6000e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.2106	0.2838	4.5000e-004		9.9200e-003	9.9200e-003		9.9200e-003	9.9200e-003	0.0000	39.8202	39.8202	0.0111	0.0000	40.0972
Total	**0.0106**	**0.2106**	**0.2838**	**4.5000e-004**	**2.6000e-003**	**9.9200e-003**	**0.0125**	**3.9000e-004**	**9.9200e-003**	**0.0103**	**0.0000**	**39.8202**	**39.8202**	**0.0111**	**0.0000**	**40.0972**

3.2 Demolition - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.2000e-004	7.9600e-003	1.5300e-003	2.0000e-005	4.6000e-004	3.0000e-005	4.8000e-004	1.3000e-004	3.0000e-005	1.5000e-004	0.0000	2.0203	2.0203	1.4000e-004	0.0000	2.0238
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	6.6000e-004	7.1900e-003	2.0000e-005	1.8900e-003	2.0000e-005	1.9100e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.7583	1.7583	5.0000e-005	0.0000	1.7597
Total	**1.0500e-003**	**8.6200e-003**	**8.7200e-003**	**4.0000e-005**	**2.3500e-003**	**5.0000e-005**	**2.3900e-003**	**6.3000e-004**	**4.0000e-005**	**6.7000e-004**	**0.0000**	**3.7786**	**3.7786**	**1.9000e-004**	**0.0000**	**3.7835**

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0452	0.0000	0.0452	0.0248	0.0000	0.0248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0434	0.4557	0.2206	3.8000e-004		0.0239	0.0239		0.0220	0.0220	0.0000	34.1687	34.1687	0.0108	0.0000	34.4390
Total	**0.0434**	**0.4557**	**0.2206**	**3.8000e-004**	**0.0452**	**0.0239**	**0.0691**	**0.0248**	**0.0220**	**0.0468**	**0.0000**	**34.1687**	**34.1687**	**0.0108**	**0.0000**	**34.4390**

3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7000e-004	6.9000e-004	7.5000e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.8347	1.8347	6.0000e-005	0.0000	1.8362
Total	**8.7000e-004**	**6.9000e-004**	**7.5000e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.8347**	**1.8347**	**6.0000e-005**	**0.0000**	**1.8362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0203	0.0000	0.0203	0.0112	0.0000	0.0112	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.3100e-003	0.1907	0.2296	3.8000e-004		9.4600e-003	9.4600e-003		9.4600e-003	9.4600e-003	0.0000	34.1687	34.1687	0.0108	0.0000	34.4389
Total	**9.3100e-003**	**0.1907**	**0.2296**	**3.8000e-004**	**0.0203**	**9.4600e-003**	**0.0298**	**0.0112**	**9.4600e-003**	**0.0206**	**0.0000**	**34.1687**	**34.1687**	**0.0108**	**0.0000**	**34.4389**

3.3 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.7000e-004	6.9000e-004	7.5000e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.8347	1.8347	6.0000e-005	0.0000	1.8362
Total	**8.7000e-004**	**6.9000e-004**	**7.5000e-003**	**2.0000e-005**	**1.9700e-003**	**2.0000e-005**	**1.9900e-003**	**5.2000e-004**	**1.0000e-005**	**5.4000e-004**	**0.0000**	**1.8347**	**1.8347**	**6.0000e-005**	**0.0000**	**1.8362**

3.4 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0262	0.0000	0.0262	0.0135	0.0000	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0142	0.1559	0.0896	1.6000e-004		7.6900e-003	7.6900e-003		7.0700e-003	7.0700e-003	0.0000	14.6532	14.6532	4.6400e-003	0.0000	14.7692
Total	**0.0142**	**0.1559**	**0.0896**	**1.6000e-004**	**0.0262**	**7.6900e-003**	**0.0339**	**0.0135**	**7.0700e-003**	**0.0205**	**0.0000**	**14.6532**	**14.6532**	**4.6400e-003**	**0.0000**	**14.7692**

3.4 Grading - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0700e-003	0.2193	0.0421	5.7000e-004	0.0126	7.9000e-004	0.0134	3.4500e-003	7.6000e-004	4.2100e-003	0.0000	55.6526	55.6526	3.9000e-003	0.0000	55.7501
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	3.2000e-004	3.4400e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8409	0.8409	3.0000e-005	0.0000	0.8416
Total	**6.4700e-003**	**0.2196**	**0.0456**	**5.8000e-004**	**0.0135**	**8.0000e-004**	**0.0143**	**3.6900e-003**	**7.7000e-004**	**4.4600e-003**	**0.0000**	**56.4935**	**56.4935**	**3.9300e-003**	**0.0000**	**56.5917**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0118	0.0000	0.0118	6.0600e-003	0.0000	6.0600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9900e-003	0.0816	0.1045	1.6000e-004		4.1600e-003	4.1600e-003		4.1600e-003	4.1600e-003	0.0000	14.6532	14.6532	4.6400e-003	0.0000	14.7691
Total	**3.9900e-003**	**0.0816**	**0.1045**	**1.6000e-004**	**0.0118**	**4.1600e-003**	**0.0160**	**6.0600e-003**	**4.1600e-003**	**0.0102**	**0.0000**	**14.6532**	**14.6532**	**4.6400e-003**	**0.0000**	**14.7691**

3.4 Grading - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0700e-003	0.2193	0.0421	5.7000e-004	0.0126	7.9000e-004	0.0134	3.4500e-003	7.6000e-004	4.2100e-003	0.0000	55.6526	55.6526	3.9000e-003	0.0000	55.7501
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0000e-004	3.2000e-004	3.4400e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.1000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8409	0.8409	3.0000e-005	0.0000	0.8416
Total	**6.4700e-003**	**0.2196**	**0.0456**	**5.8000e-004**	**0.0135**	**8.0000e-004**	**0.0143**	**3.6900e-003**	**7.7000e-004**	**4.4600e-003**	**0.0000**	**56.4935**	**56.4935**	**3.9300e-003**	**0.0000**	**56.5917**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1440	1.2858	1.0470	1.6400e-003		0.0787	0.0787		0.0740	0.0740	0.0000	143.4136	143.4136	0.0349	0.0000	144.2870
Total	**0.1440**	**1.2858**	**1.0470**	**1.6400e-003**		**0.0787**	**0.0787**		**0.0740**	**0.0740**	**0.0000**	**143.4136**	**143.4136**	**0.0349**	**0.0000**	**144.2870**

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8300e-003	0.1138	0.0285	2.5000e-004	6.1500e-003	7.4000e-004	6.9000e-003	1.7800e-003	7.1000e-004	2.4900e-003	0.0000	24.1629	24.1629	1.6700e-003	0.0000	24.2047
Worker	0.0118	9.3600e-003	0.1017	2.8000e-004	0.0268	2.1000e-004	0.0270	7.1100e-003	2.0000e-004	7.3100e-003	0.0000	24.8707	24.8707	7.8000e-004	0.0000	24.8902
Total	**0.0156**	**0.1232**	**0.1303**	**5.3000e-004**	**0.0329**	**9.5000e-004**	**0.0339**	**8.8900e-003**	**9.1000e-004**	**9.8000e-003**	**0.0000**	**49.0337**	**49.0337**	**2.4500e-003**	**0.0000**	**49.0949**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0411	0.8678	1.0903	1.6400e-003		0.0551	0.0551		0.0551	0.0551	0.0000	143.4134	143.4134	0.0349	0.0000	144.2868
Total	**0.0411**	**0.8678**	**1.0903**	**1.6400e-003**		**0.0551**	**0.0551**		**0.0551**	**0.0551**	**0.0000**	**143.4134**	**143.4134**	**0.0349**	**0.0000**	**144.2868**

3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8300e-003	0.1138	0.0285	2.5000e-004	6.1500e-003	7.4000e-004	6.9000e-003	1.7800e-003	7.1000e-004	2.4900e-003	0.0000	24.1629	24.1629	1.6700e-003	0.0000	24.2047
Worker	0.0118	9.3600e-003	0.1017	2.8000e-004	0.0268	2.1000e-004	0.0270	7.1100e-003	2.0000e-004	7.3100e-003	0.0000	24.8707	24.8707	7.8000e-004	0.0000	24.8902
Total	**0.0156**	**0.1232**	**0.1303**	**5.3000e-004**	**0.0329**	**9.5000e-004**	**0.0339**	**8.8900e-003**	**9.1000e-004**	**9.8000e-003**	**0.0000**	**49.0337**	**49.0337**	**2.4500e-003**	**0.0000**	**49.0949**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0600e-003	9.5900e-003	8.4200e-003	1.0000e-005		5.6000e-004	5.6000e-004		5.3000e-004	5.3000e-004	0.0000	1.1581	1.1581	2.8000e-004	0.0000	1.1651
Total	**1.0600e-003**	**9.5900e-003**	**8.4200e-003**	**1.0000e-005**		**5.6000e-004**	**5.6000e-004**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**1.1581**	**1.1581**	**2.8000e-004**	**0.0000**	**1.1651**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	8.5000e-004	2.1000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1968	0.1968	1.0000e-005	0.0000	0.1971
Worker	9.0000e-005	7.0000e-005	7.6000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1975	0.1975	1.0000e-005	0.0000	0.1977
Total	**1.2000e-004**	**9.2000e-004**	**9.7000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**2.7000e-004**	**7.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.3943**	**0.3943**	**2.0000e-005**	**0.0000**	**0.3948**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.4000e-004	7.1100e-003	8.9400e-003	1.0000e-005		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	1.1581	1.1581	2.8000e-004	0.0000	1.1651
Total	**3.4000e-004**	**7.1100e-003**	**8.9400e-003**	**1.0000e-005**		**4.5000e-004**	**4.5000e-004**		**4.5000e-004**	**4.5000e-004**	**0.0000**	**1.1581**	**1.1581**	**2.8000e-004**	**0.0000**	**1.1651**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	8.5000e-004	2.1000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1968	0.1968	1.0000e-005	0.0000	0.1971
Worker	9.0000e-005	7.0000e-005	7.6000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1975	0.1975	1.0000e-005	0.0000	0.1977
Total	**1.2000e-004**	**9.2000e-004**	**9.7000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**2.7000e-004**	**7.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.3943**	**0.3943**	**2.0000e-005**	**0.0000**	**0.3948**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.9700e-003	0.0702	0.0677	1.0000e-004		3.9600e-003	3.9600e-003		3.6500e-003	3.6500e-003	0.0000	9.1973	9.1973	2.8300e-003	0.0000	9.2680
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.9700e-003**	**0.0702**	**0.0677**	**1.0000e-004**		**3.9600e-003**	**3.9600e-003**		**3.6500e-003**	**3.6500e-003**	**0.0000**	**9.1973**	**9.1973**	**2.8300e-003**	**0.0000**	**9.2680**

3.6 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3000e-004	4.2000e-004	4.5900e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.1212	1.1212	4.0000e-005	0.0000	1.1221
Total	**5.3000e-004**	**4.2000e-004**	**4.5900e-003**	**1.0000e-005**	**1.2100e-003**	**1.0000e-005**	**1.2200e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.1212**	**1.1212**	**4.0000e-005**	**0.0000**	**1.1221**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.4100e-003	0.0500	0.0744	1.0000e-004		2.8900e-003	2.8900e-003		2.8900e-003	2.8900e-003	0.0000	9.1973	9.1973	2.8300e-003	0.0000	9.2680
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.4100e-003**	**0.0500**	**0.0744**	**1.0000e-004**		**2.8900e-003**	**2.8900e-003**		**2.8900e-003**	**2.8900e-003**	**0.0000**	**9.1973**	**9.1973**	**2.8300e-003**	**0.0000**	**9.2680**

3.6 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3000e-004	4.2000e-004	4.5900e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.1212	1.1212	4.0000e-005	0.0000	1.1221
Total	**5.3000e-004**	**4.2000e-004**	**4.5900e-003**	**1.0000e-005**	**1.2100e-003**	**1.0000e-005**	**1.2200e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.1212**	**1.1212**	**4.0000e-005**	**0.0000**	**1.1221**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4397					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0600e-003	0.0211	0.0212	3.0000e-005		1.4800e-003	1.4800e-003		1.4800e-003	1.4800e-003	0.0000	2.9362	2.9362	2.5000e-004	0.0000	2.9424
Total	**0.4428**	**0.0211**	**0.0212**	**3.0000e-005**		**1.4800e-003**	**1.4800e-003**		**1.4800e-003**	**1.4800e-003**	**0.0000**	**2.9362**	**2.9362**	**2.5000e-004**	**0.0000**	**2.9424**

3.7 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	3.5000e-004	3.8400e-003	1.0000e-005	1.0100e-003	1.0000e-005	1.0200e-003	2.7000e-004	1.0000e-005	2.8000e-004	0.0000	0.9378	0.9378	3.0000e-005	0.0000	0.9385
Total	**4.4000e-004**	**3.5000e-004**	**3.8400e-003**	**1.0000e-005**	**1.0100e-003**	**1.0000e-005**	**1.0200e-003**	**2.7000e-004**	**1.0000e-005**	**2.8000e-004**	**0.0000**	**0.9378**	**0.9378**	**3.0000e-005**	**0.0000**	**0.9385**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4397					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8000e-004	0.0156	0.0211	3.0000e-005		1.0900e-003	1.0900e-003		1.0900e-003	1.0900e-003	0.0000	2.9362	2.9362	2.5000e-004	0.0000	2.9424
Total	**0.4404**	**0.0156**	**0.0211**	**3.0000e-005**		**1.0900e-003**	**1.0900e-003**		**1.0900e-003**	**1.0900e-003**	**0.0000**	**2.9362**	**2.9362**	**2.5000e-004**	**0.0000**	**2.9424**

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	3.5000e-004	3.8400e-003	1.0000e-005	1.0100e-003	1.0000e-005	1.0200e-003	2.7000e-004	1.0000e-005	2.8000e-004	0.0000	0.9378	0.9378	3.0000e-005	0.0000	0.9385
Total	**4.4000e-004**	**3.5000e-004**	**3.8400e-003**	**1.0000e-005**	**1.0100e-003**	**1.0000e-005**	**1.0200e-003**	**2.7000e-004**	**1.0000e-005**	**2.8000e-004**	**0.0000**	**0.9378**	**0.9378**	**3.0000e-005**	**0.0000**	**0.9385**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1275	0.7464	1.9225	7.2300e-003	0.5979	5.8200e-003	0.6038	0.1602	5.4400e-003	0.1657	0.0000	667.0906	667.0906	0.0317	0.0000	667.8835
Unmitigated	0.1275	0.7464	1.9225	7.2300e-003	0.5979	5.8200e-003	0.6038	0.1602	5.4400e-003	0.1657	0.0000	667.0906	667.0906	0.0317	0.0000	667.8835

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	470.56	89.18	45.54	1,573,615	1,573,615
Total	470.56	89.18	45.54	1,573,615	1,573,615

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	335.5336	335.5336	0.0139	2.8700e-003	336.7340
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	335.5336	335.5336	0.0139	2.8700e-003	336.7340
NaturalGas Mitigated	9.2600e-003	0.0842	0.0707	5.1000e-004		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	91.6354	91.6354	1.7600e-003	1.6800e-003	92.1800
NaturalGas Unmitigated	9.2600e-003	0.0842	0.0707	5.1000e-004		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	91.6354	91.6354	1.7600e-003	1.6800e-003	92.1800

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	1.71718e+006	9.2600e-003	0.0842	0.0707	5.1000e-004		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	91.6354	91.6354	1.7600e-003	1.6800e-003	92.1800
Total		**9.2600e-003**	**0.0842**	**0.0707**	**5.1000e-004**		**6.4000e-003**	**6.4000e-003**		**6.4000e-003**	**6.4000e-003**	**0.0000**	**91.6354**	**91.6354**	**1.7600e-003**	**1.6800e-003**	**92.1800**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	1.71718e+006	9.2600e-003	0.0842	0.0707	5.1000e-004		6.4000e-003	6.4000e-003		6.4000e-003	6.4000e-003	0.0000	91.6354	91.6354	1.7600e-003	1.6800e-003	92.1800
Total		**9.2600e-003**	**0.0842**	**0.0707**	**5.1000e-004**		**6.4000e-003**	**6.4000e-003**		**6.4000e-003**	**6.4000e-003**	**0.0000**	**91.6354**	**91.6354**	**1.7600e-003**	**1.6800e-003**	**92.1800**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.05308e+006	335.5336	0.0139	2.8700e-003	336.7340
Total		**335.5336**	**0.0139**	**2.8700e-003**	**336.7340**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.05308e+006	335.5336	0.0139	2.8700e-003	336.7340
Total		**335.5336**	**0.0139**	**2.8700e-003**	**336.7340**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3869	1.0000e-005	1.2200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3500e-003	2.3500e-003	1.0000e-005	0.0000	2.5100e-003
Unmitigated	0.3869	1.0000e-005	1.2200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3500e-003	2.3500e-003	1.0000e-005	0.0000	2.5100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0440					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1000e-004	1.0000e-005	1.2200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3500e-003	2.3500e-003	1.0000e-005	0.0000	2.5100e-003
Total	**0.3869**	**1.0000e-005**	**1.2200e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.3500e-003**	**2.3500e-003**	**1.0000e-005**	**0.0000**	**2.5100e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0440					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3428					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1000e-004	1.0000e-005	1.2200e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.3500e-003	2.3500e-003	1.0000e-005	0.0000	2.5100e-003
Total	**0.3869**	**1.0000e-005**	**1.2200e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**2.3500e-003**	**2.3500e-003**	**1.0000e-005**	**0.0000**	**2.5100e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	82.6940	0.6065	0.0149	102.2981
Unmitigated	97.9787	0.7186	0.0177	121.2063

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	21.9387 / 0	97.9787	0.7186	0.0177	121.2063
Total		**97.9787**	**0.7186**	**0.0177**	**121.2063**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	18.5163 / 0	82.6940	0.6065	0.0149	102.2981
Total		**82.6940**	**0.6065**	**0.0149**	**102.2981**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	17.9099	1.0584	0.0000	44.3710
Unmitigated	17.9099	1.0584	0.0000	44.3710

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	88.23	17.9099	1.0584	0.0000	44.3710
Total		**17.9099**	**1.0584**	**0.0000**	**44.3710**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	88.23	17.9099	1.0584	0.0000	44.3710
Total		**17.9099**	**1.0584**	**0.0000**	**44.3710**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

1601 San Francisco Avenue

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	94.87	1000sqft	3.93	94,872.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Site Acreage is 3.93, thus 1.75 added to main use; industrial wharehouse

Construction Phase - Client provided construction schedule

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Client provided equipmnet list

Off-road Equipment -

Off-road Equipment - Client provided equipmnet list

Off-road Equipment -

Demolition -

Grading - Site is 3.93 acres

Vehicle Trips - Project Traffic Report provides trip generation for weekday of 4.96, about 71% of the standard ITE rate, weekend rates were adjusted accordingly

Solid Waste - Per AB431 a 25% reduction has been applied to waste: 117.64-25%=88.23

Construction Off-road Equipment Mitigation - CARB In-use Off-road Regulations for Tiering and SCAQMD Rule 401 Dust Control

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	18.00	23.00
tblConstructionPhase	NumDays	230.00	123.00
tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	8.00	11.00
tblConstructionPhase	NumDays	18.00	11.00
tblConstructionPhase	NumDays	5.00	20.00
tblLandUse	LandUseSquareFeet	94,870.00	94,872.00

tblLandUse	LotAcreage	2.18	3.93
tblSolidWaste	SolidWasteGenerationRate	117.64	88.23
tblTripsAndVMT	HaulingTripNumber	0.00	1,460.00
tblVehicleTrips	ST_TR	1.32	0.94
tblVehicleTrips	SU_TR	0.68	0.48
tblVehicleTrips	WD_TR	6.97	4.96

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	42.5278	90.0851	43.7668	0.1713	7.8019	2.8475	10.6494	3.2772	2.6514	5.9287	0.0000	17,859.4560	17,859.4560	2.3768	0.0000	17,918.8760
2020	2.3534	20.9867	18.8836	0.0356	0.5495	1.1288	1.6783	0.1481	1.0614	1.2095	0.0000	3,449.9476	3,449.9476	0.6636	0.0000	3,466.5373
Maximum	**42.5278**	**90.0851**	**43.7668**	**0.1713**	**7.8019**	**2.8475**	**10.6494**	**3.2772**	**2.6514**	**5.9287**	**0.0000**	**17,859.4560**	**17,859.4560**	**2.3768**	**0.0000**	**17,918.8760**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	39.8045	69.7241	47.1740	0.1713	5.1809	1.8194	7.0003	1.9302	1.8123	3.7425	0.0000	17,859.4560	17,859.4560	2.3768	0.0000	17,918.8760
2020	0.9074	16.0267	19.9088	0.0356	0.5495	0.9153	1.4648	0.1481	0.9146	1.0627	0.0000	3,449.9476	3,449.9476	0.6636	0.0000	3,466.5373
Maximum	**39.8045**	**69.7241**	**47.1740**	**0.1713**	**5.1809**	**1.8194**	**7.0003**	**1.9302**	**1.8123**	**3.7425**	**0.0000**	**17,859.4560**	**17,859.4560**	**2.3768**	**0.0000**	**17,918.8760**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**9.29**	**22.80**	**-7.07**	**0.00**	**31.38**	**31.23**	**31.33**	**39.33**	**26.56**	**32.68**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.1203	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Energy	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
Mobile	0.9901	5.1955	14.8275	0.0548	4.4307	0.0423	4.4730	1.1855	0.0395	1.2251		5,568.3256	5,568.3256	0.2573		5,574.7585
Total	**3.1612**	**5.6568**	**15.2247**	**0.0575**	**4.4307**	**0.0774**	**4.5081**	**1.1855**	**0.0746**	**1.2601**		**6,121.8301**	**6,121.8301**	**0.2680**	**0.0102**	**6,131.5534**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.1203	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Energy	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
Mobile	0.9901	5.1955	14.8275	0.0548	4.4307	0.0423	4.4730	1.1855	0.0395	1.2251		5,568.3256	5,568.3256	0.2573		5,574.7585
Total	**3.1612**	**5.6568**	**15.2247**	**0.0575**	**4.4307**	**0.0774**	**4.5081**	**1.1855**	**0.0746**	**1.2601**		**6,121.8301**	**6,121.8301**	**0.2680**	**0.0102**	**6,131.5534**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2019	5/31/2019	5	23	
2	Site Preparation	Site Preparation	6/3/2019	6/28/2019	5	20	
3	Grading	Grading	7/1/2019	7/15/2019	5	11	
4	Building Construction	Building Construction	7/15/2019	1/1/2020	5	123	
5	Paving	Paving	10/1/2019	10/15/2019	5	11	
6	Architectural Coating	Architectural Coating	10/1/2019	10/31/2019	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 142,308; Non-Residential Outdoor: 47,436; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

1601 San Francisco Avenue - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	53.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,460.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	40.00	16.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5029	0.0000	0.5029	0.0761	0.0000	0.0761			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
Total	**3.5134**	**35.7830**	**22.0600**	**0.0388**	**0.5029**	**1.7949**	**2.2978**	**0.0761**	**1.6697**	**1.7458**		**3,816.8994**	**3,816.8994**	**1.0618**		**3,843.4451**

3.2 Demolition - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0189	0.6709	0.1284	1.8100e-003	0.0403	2.4900e-003	0.0428	0.0110	2.3800e-003	0.0134		195.1361	195.1361	0.0133		195.4689
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0735	0.0511	0.6740	1.7800e-003	0.1677	1.3000e-003	0.1690	0.0445	1.2000e-003	0.0457		177.1484	177.1484	5.5400e-003		177.2869
Total	**0.0924**	**0.7220**	**0.8024**	**3.5900e-003**	**0.2079**	**3.7900e-003**	**0.2117**	**0.0555**	**3.5800e-003**	**0.0591**		**372.2845**	**372.2845**	**0.0189**		**372.7558**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2263	0.0000	0.2263	0.0343	0.0000	0.0343			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	**0.9246**	**18.3130**	**24.6739**	**0.0388**	**0.2263**	**0.8627**	**1.0890**	**0.0343**	**0.8627**	**0.8970**	**0.0000**	**3,816.8994**	**3,816.8994**	**1.0618**		**3,843.4451**

3.2 Demolition - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0189	0.6709	0.1284	1.8100e-003	0.0403	2.4900e-003	0.0428	0.0110	2.3800e-003	0.0134		195.1361	195.1361	0.0133		195.4689
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0735	0.0511	0.6740	1.7800e-003	0.1677	1.3000e-003	0.1690	0.0445	1.2000e-003	0.0457		177.1484	177.1484	5.5400e-003		177.2869
Total	**0.0924**	**0.7220**	**0.8024**	**3.5900e-003**	**0.2079**	**3.7900e-003**	**0.2117**	**0.0555**	**3.5800e-003**	**0.0591**		**372.2845**	**372.2845**	**0.0189**		**372.7558**

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5166	0.0000	4.5166	2.4827	0.0000	2.4827			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**4.5166**	**2.3904**	**6.9069**	**2.4827**	**2.1991**	**4.6818**		**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0882	0.0613	0.8088	2.1400e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4400e-003	0.0548		212.5780	212.5780	6.6500e-003		212.7442
Total	**0.0882**	**0.0613**	**0.8088**	**2.1400e-003**	**0.2012**	**1.5700e-003**	**0.2028**	**0.0534**	**1.4400e-003**	**0.0548**		**212.5780**	**212.5780**	**6.6500e-003**		**212.7442**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0325	0.0000	2.0325	1.1172	0.0000	1.1172			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**0.9312**	**19.0656**	**22.9600**	**0.0380**	**2.0325**	**0.9462**	**2.9786**	**1.1172**	**0.9462**	**2.0634**	**0.0000**	**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.3 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0882	0.0613	0.8088	2.1400e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4400e-003	0.0548		212.5780	212.5780	6.6500e-003		212.7442
Total	**0.0882**	**0.0613**	**0.8088**	**2.1400e-003**	**0.2012**	**1.5700e-003**	**0.2028**	**0.0534**	**1.4400e-003**	**0.0548**		**212.5780**	**212.5780**	**6.6500e-003**		**212.7442**

3.4 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7653	0.0000	4.7653	2.4491	0.0000	2.4491			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856		2,936.8068	2,936.8068	0.9292		2,960.0361
Total	**2.5805**	**28.3480**	**16.2934**	**0.0297**	**4.7653**	**1.3974**	**6.1627**	**2.4491**	**1.2856**	**3.7347**		**2,936.8068**	**2,936.8068**	**0.9292**		**2,960.0361**

3.4 Grading - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0906	38.6401	7.3957	0.1041	2.3194	0.1434	2.4627	0.6356	0.1372	0.7728		11,239.5736	11,239.5736	0.7667		11,258.7420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0735	0.0511	0.6740	1.7800e-003	0.1677	1.3000e-003	0.1690	0.0445	1.2000e-003	0.0457		177.1484	177.1484	5.5400e-003		177.2869
Total	**1.1641**	**38.6912**	**8.0697**	**0.1059**	**2.4870**	**0.1447**	**2.6317**	**0.6801**	**0.1384**	**0.8184**		**11,416.7220**	**11,416.7220**	**0.7723**		**11,436.0288**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1444	0.0000	2.1444	1.1021	0.0000	1.1021			0.0000			0.0000
Off-Road	0.7263	14.8397	18.9906	0.0297		0.7555	0.7555		0.7555	0.7555	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361
Total	**0.7263**	**14.8397**	**18.9906**	**0.0297**	**2.1444**	**0.7555**	**2.8999**	**1.1021**	**0.7555**	**1.8576**	**0.0000**	**2,936.8068**	**2,936.8068**	**0.9292**		**2,960.0361**

3.4 Grading - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0906	38.6401	7.3957	0.1041	2.3194	0.1434	2.4627	0.6356	0.1372	0.7728		11,239.5736	11,239.5736	0.7667		11,258.7420
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0735	0.0511	0.6740	1.7800e-003	0.1677	1.3000e-003	0.1690	0.0445	1.2000e-003	0.0457		177.1484	177.1484	5.5400e-003		177.2869
Total	**1.1641**	**38.6912**	**8.0697**	**0.1059**	**2.4870**	**0.1447**	**2.6317**	**0.6801**	**0.1384**	**0.8184**		**11,416.7220**	**11,416.7220**	**0.7723**		**11,436.0288**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0617	1.8308	0.4426	4.1500e-003	0.1024	0.0121	0.1145	0.0295	0.0116	0.0411		441.9515	441.9515	0.0292		442.6826
Worker	0.1959	0.1363	1.7973	4.7400e-003	0.4471	3.4800e-003	0.4506	0.1186	3.2100e-003	0.1218		472.3956	472.3956	0.0148		472.7650
Total	**0.2576**	**1.9671**	**2.2399**	**8.8900e-003**	**0.5495**	**0.0156**	**0.5651**	**0.1481**	**0.0148**	**0.1629**		**914.3471**	**914.3471**	**0.0440**		**915.4476**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0269		0.9036	0.9036		0.9036	0.9036	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**0.6739**	**14.2261**	**17.8738**	**0.0269**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0617	1.8308	0.4426	4.1500e-003	0.1024	0.0121	0.1145	0.0295	0.0116	0.0411		441.9515	441.9515	0.0292		442.6826
Worker	0.1959	0.1363	1.7973	4.7400e-003	0.4471	3.4800e-003	0.4506	0.1186	3.2100e-003	0.1218		472.3956	472.3956	0.0148		472.7650
Total	**0.2576**	**1.9671**	**2.2399**	**8.8900e-003**	**0.5495**	**0.0156**	**0.5651**	**0.1481**	**0.0148**	**0.1629**		**914.3471**	**914.3471**	**0.0440**		**915.4476**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0526	1.6790	0.3998	4.1200e-003	0.1024	8.3200e-003	0.1107	0.0295	7.9600e-003	0.0374		439.1175	439.1175	0.0276		439.8068
Worker	0.1810	0.1217	1.6353	4.6000e-003	0.4471	3.3900e-003	0.4505	0.1186	3.1200e-003	0.1217		457.7670	457.7670	0.0132		458.0960
Total	**0.2335**	**1.8006**	**2.0351**	**8.7200e-003**	**0.5495**	**0.0117**	**0.5612**	**0.1481**	**0.0111**	**0.1591**		**896.8845**	**896.8845**	**0.0407**		**897.9028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0269		0.9036	0.9036		0.9036	0.9036	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**0.6739**	**14.2261**	**17.8738**	**0.0269**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0526	1.6790	0.3998	4.1200e-003	0.1024	8.3200e-003	0.1107	0.0295	7.9600e-003	0.0374		439.1175	439.1175	0.0276		439.8068
Worker	0.1810	0.1217	1.6353	4.6000e-003	0.4471	3.3900e-003	0.4505	0.1186	3.1200e-003	0.1217		457.7670	457.7670	0.0132		458.0960
Total	**0.2335**	**1.8006**	**2.0351**	**8.7200e-003**	**0.5495**	**0.0117**	**0.5612**	**0.1481**	**0.0111**	**0.1591**		**896.8845**	**896.8845**	**0.0407**		**897.9028**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2679	12.7604	12.3130	0.0189		0.7196	0.7196		0.6637	0.6637		1,843.3191	1,843.3191	0.5671		1,857.4966
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2679**	**12.7604**	**12.3130**	**0.0189**		**0.7196**	**0.7196**		**0.6637**	**0.6637**		**1,843.3191**	**1,843.3191**	**0.5671**		**1,857.4966**

3.6 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0980	0.0682	0.8987	2.3700e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6000e-003	0.0609		236.1978	236.1978	7.3900e-003		236.3825
Total	**0.0980**	**0.0682**	**0.8987**	**2.3700e-003**	**0.2236**	**1.7400e-003**	**0.2253**	**0.0593**	**1.6000e-003**	**0.0609**		**236.1978**	**236.1978**	**7.3900e-003**		**236.3825**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4389	9.0888	13.5323	0.0189		0.5246	0.5246		0.5246	0.5246	0.0000	1,843.3191	1,843.3191	0.5671		1,857.4966
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4389**	**9.0888**	**13.5323**	**0.0189**		**0.5246**	**0.5246**		**0.5246**	**0.5246**	**0.0000**	**1,843.3191**	**1,843.3191**	**0.5671**		**1,857.4966**

3.6 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0980	0.0682	0.8987	2.3700e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6000e-003	0.0609		236.1978	236.1978	7.3900e-003		236.3825
Total	**0.0980**	**0.0682**	**0.8987**	**2.3700e-003**	**0.2236**	**1.7400e-003**	**0.2253**	**0.0593**	**1.6000e-003**	**0.0609**		**236.1978**	**236.1978**	**7.3900e-003**		**236.3825**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2375					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	**38.5040**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**282.0423**

3.7 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0273	0.3595	9.5000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		94.4791	94.4791	2.9500e-003		94.5530
Total	**0.0392**	**0.0273**	**0.3595**	**9.5000e-004**	**0.0894**	**7.0000e-004**	**0.0901**	**0.0237**	**6.4000e-004**	**0.0244**		**94.4791**	**94.4791**	**2.9500e-003**		**94.5530**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2375					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0238		282.0423
Total	**38.2970**	**1.3570**	**1.8324**	**2.9700e-003**		**0.0951**	**0.0951**		**0.0951**	**0.0951**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**282.0423**

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0392	0.0273	0.3595	9.5000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		94.4791	94.4791	2.9500e-003		94.5530
Total	**0.0392**	**0.0273**	**0.3595**	**9.5000e-004**	**0.0894**	**7.0000e-004**	**0.0901**	**0.0237**	**6.4000e-004**	**0.0244**		**94.4791**	**94.4791**	**2.9500e-003**		**94.5530**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9901	5.1955	14.8275	0.0548	4.4307	0.0423	4.4730	1.1855	0.0395	1.2251		5,568.3256	5,568.3256	0.2573		5,574.7585
Unmitigated	0.9901	5.1955	14.8275	0.0548	4.4307	0.0423	4.4730	1.1855	0.0395	1.2251		5,568.3256	5,568.3256	0.2573		5,574.7585

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	470.56	89.18	45.54	1,573,615	1,573,615
Total	470.56	89.18	45.54	1,573,615	1,573,615

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
NaturalGas Unmitigated	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	4704.61	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
Total		**0.0507**	**0.4612**	**0.3874**	**2.7700e-003**		**0.0351**	**0.0351**		**0.0351**	**0.0351**		**553.4837**	**553.4837**	**0.0106**	**0.0102**	**556.7728**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	4.70461	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
Total		**0.0507**	**0.4612**	**0.3874**	**2.7700e-003**		**0.0351**	**0.0351**		**0.0351**	**0.0351**		**553.4837**	**553.4837**	**0.0106**	**0.0102**	**556.7728**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.1203	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Unmitigated	2.1203	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2410					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.8785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.1000e-004	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Total	**2.1203**	**9.0000e-005**	**9.7200e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**		**0.0208**	**0.0208**	**6.0000e-005**		**0.0221**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2410					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.8785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.1000e-004	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Total	**2.1203**	**9.0000e-005**	**9.7200e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**		**0.0208**	**0.0208**	**6.0000e-005**		**0.0221**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

1601 San Francisco Avenue

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	94.87	1000sqft	3.93	94,872.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	11			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Site Acreage is 3.93, thus 1.75 added to main use; industrial wharehouse

Construction Phase - Client provided construction schedule

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Client provided equipmnet list

Off-road Equipment -

Off-road Equipment - Client provided equipmnet list

Off-road Equipment -

Demolition -

Grading - Site is 3.93 acres

Vehicle Trips - Project Traffic Report provides trip generation for weekday of 4.96, about 71% of the standard ITE rate, weekend rates were adjusted accordingly

Solid Waste - Per AB431 a 25% reduction has been applied to waste: 117.64-25%=88.23

Construction Off-road Equipment Mitigation - CARB In-use Off-road Regulations for Tiering and SCAQMD Rule 401 Dust Control

Mobile Land Use Mitigation -

Mobile Commute Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	18.00	23.00
tblConstructionPhase	NumDays	230.00	123.00
tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	8.00	11.00
tblConstructionPhase	NumDays	18.00	11.00
tblConstructionPhase	NumDays	5.00	20.00
tblLandUse	LandUseSquareFeet	94,870.00	94,872.00

tblLandUse	LotAcreage	2.18	3.93
tblSolidWaste	SolidWasteGenerationRate	117.64	88.23
tblTripsAndVMT	HaulingTripNumber	0.00	1,460.00
tblVehicleTrips	ST_TR	1.32	0.94
tblVehicleTrips	SU_TR	0.68	0.48
tblVehicleTrips	WD_TR	6.97	4.96

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	42.5601	90.6243	44.1814	0.1689	7.8019	2.8504	10.6523	3.2772	2.6542	5.9315	0.0000	17,600.8622	17,600.8622	2.4124	0.0000	17,661.1715
2020	2.3723	20.9965	18.7666	0.0352	0.5495	1.1289	1.6784	0.1481	1.0615	1.2096	0.0000	3,407.6295	3,407.6295	0.6648	0.0000	3,424.2482
Maximum	**42.5601**	**90.6243**	**44.1814**	**0.1689**	**7.8019**	**2.8504**	**10.6523**	**3.2772**	**2.6542**	**5.9315**	**0.0000**	**17,600.8622**	**17,600.8622**	**2.4124**	**0.0000**	**17,661.1715**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	39.8368	70.2633	47.5886	0.1689	5.1809	1.8223	7.0032	1.9302	1.8150	3.7453	0.0000	17,600.8622	17,600.8622	2.4124	0.0000	17,661.1715
2020	0.9263	16.0365	19.7919	0.0352	0.5495	0.9154	1.4649	0.1481	0.9148	1.0628	0.0000	3,407.6295	3,407.6295	0.6648	0.0000	3,424.2482
Maximum	**39.8368**	**70.2633**	**47.5886**	**0.1689**	**5.1809**	**1.8223**	**7.0032**	**1.9302**	**1.8150**	**3.7453**	**0.0000**	**17,600.8622**	**17,600.8622**	**2.4124**	**0.0000**	**17,661.1715**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**9.28**	**22.68**	**-7.04**	**0.00**	**31.38**	**31.20**	**31.32**	**39.33**	**26.53**	**32.67**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.1203	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Energy	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
Mobile	0.9439	5.3331	13.7268	0.0519	4.4307	0.0425	4.4732	1.1855	0.0397	1.2252		5,276.1776	5,276.1776	0.2553		5,282.5596
Total	**3.1150**	**5.7945**	**14.1240**	**0.0546**	**4.4307**	**0.0776**	**4.5083**	**1.1855**	**0.0748**	**1.2603**		**5,829.6821**	**5,829.6821**	**0.2660**	**0.0102**	**5,839.3545**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.1203	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Energy	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
Mobile	0.9439	5.3331	13.7268	0.0519	4.4307	0.0425	4.4732	1.1855	0.0397	1.2252		5,276.1776	5,276.1776	0.2553		5,282.5596
Total	**3.1150**	**5.7945**	**14.1240**	**0.0546**	**4.4307**	**0.0776**	**4.5083**	**1.1855**	**0.0748**	**1.2603**		**5,829.6821**	**5,829.6821**	**0.2660**	**0.0102**	**5,839.3545**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/1/2019	5/31/2019	5	23	
2	Site Preparation	Site Preparation	6/3/2019	6/28/2019	5	20	
3	Grading	Grading	7/1/2019	7/15/2019	5	11	
4	Building Construction	Building Construction	7/15/2019	1/1/2020	5	123	
5	Paving	Paving	10/1/2019	10/15/2019	5	11	
6	Architectural Coating	Architectural Coating	10/1/2019	10/31/2019	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 142,308; Non-Residential Outdoor: 47,436; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

1601 San Francisco Avenue - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	53.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,460.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	40.00	16.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5029	0.0000	0.5029	0.0761	0.0000	0.0761			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
Total	**3.5134**	**35.7830**	**22.0600**	**0.0388**	**0.5029**	**1.7949**	**2.2978**	**0.0761**	**1.6697**	**1.7458**		**3,816.8994**	**3,816.8994**	**1.0618**		**3,843.4451**

3.2 Demolition - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0195	0.6799	0.1389	1.7700e-003	0.0403	2.5400e-003	0.0428	0.0110	2.4300e-003	0.0135		191.5950	191.5950	0.0139		191.9429
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0560	0.6081	1.6600e-003	0.1677	1.3000e-003	0.1690	0.0445	1.2000e-003	0.0457		165.6984	165.6984	5.1800e-003		165.8278
Total	**0.0995**	**0.7359**	**0.7470**	**3.4300e-003**	**0.2079**	**3.8400e-003**	**0.2118**	**0.0555**	**3.6300e-003**	**0.0591**		**357.2934**	**357.2934**	**0.0191**		**357.7706**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2263	0.0000	0.2263	0.0343	0.0000	0.0343			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	**0.9246**	**18.3130**	**24.6739**	**0.0388**	**0.2263**	**0.8627**	**1.0890**	**0.0343**	**0.8627**	**0.8970**	**0.0000**	**3,816.8994**	**3,816.8994**	**1.0618**		**3,843.4451**

3.2 Demolition - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0195	0.6799	0.1389	1.7700e-003	0.0403	2.5400e-003	0.0428	0.0110	2.4300e-003	0.0135		191.5950	191.5950	0.0139		191.9429
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0560	0.6081	1.6600e-003	0.1677	1.3000e-003	0.1690	0.0445	1.2000e-003	0.0457		165.6984	165.6984	5.1800e-003		165.8278
Total	**0.0995**	**0.7359**	**0.7470**	**3.4300e-003**	**0.2079**	**3.8400e-003**	**0.2118**	**0.0555**	**3.6300e-003**	**0.0591**		**357.2934**	**357.2934**	**0.0191**		**357.7706**

3.3 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.5166	0.0000	4.5166	2.4827	0.0000	2.4827			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**4.5166**	**2.3904**	**6.9069**	**2.4827**	**2.1991**	**4.6818**		**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.3 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0960	0.0672	0.7297	2.0000e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4400e-003	0.0548		198.8380	198.8380	6.2100e-003		198.9933
Total	**0.0960**	**0.0672**	**0.7297**	**2.0000e-003**	**0.2012**	**1.5700e-003**	**0.2028**	**0.0534**	**1.4400e-003**	**0.0548**		**198.8380**	**198.8380**	**6.2100e-003**		**198.9933**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0325	0.0000	2.0325	1.1172	0.0000	1.1172			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**0.9312**	**19.0656**	**22.9600**	**0.0380**	**2.0325**	**0.9462**	**2.9786**	**1.1172**	**0.9462**	**2.0634**	**0.0000**	**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.3 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0960	0.0672	0.7297	2.0000e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4400e-003	0.0548		198.8380	198.8380	6.2100e-003		198.9933
Total	**0.0960**	**0.0672**	**0.7297**	**2.0000e-003**	**0.2012**	**1.5700e-003**	**0.2028**	**0.0534**	**1.4400e-003**	**0.0548**		**198.8380**	**198.8380**	**6.2100e-003**		**198.9933**

3.4 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.7653	0.0000	4.7653	2.4491	0.0000	2.4491			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856		2,936.8068	2,936.8068	0.9292		2,960.0361
Total	**2.5805**	**28.3480**	**16.2934**	**0.0297**	**4.7653**	**1.3974**	**6.1627**	**2.4491**	**1.2856**	**3.7347**		**2,936.8068**	**2,936.8068**	**0.9292**		**2,960.0361**

3.4 Grading - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1227	39.1601	8.0018	0.1022	2.3194	0.1461	2.4654	0.6356	0.1398	0.7754		11,035.6086	11,035.6086	0.8015		11,055.6450
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0560	0.6081	1.6600e-003	0.1677	1.3000e-003	0.1690	0.0445	1.2000e-003	0.0457		165.6984	165.6984	5.1800e-003		165.8278
Total	**1.2027**	**39.2161**	**8.6098**	**0.1039**	**2.4870**	**0.1474**	**2.6344**	**0.6801**	**0.1410**	**0.8210**		**11,201.3070**	**11,201.3070**	**0.8066**		**11,221.4728**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1444	0.0000	2.1444	1.1021	0.0000	1.1021			0.0000			0.0000
Off-Road	0.7263	14.8397	18.9906	0.0297		0.7555	0.7555		0.7555	0.7555	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361
Total	**0.7263**	**14.8397**	**18.9906**	**0.0297**	**2.1444**	**0.7555**	**2.8999**	**1.1021**	**0.7555**	**1.8576**	**0.0000**	**2,936.8068**	**2,936.8068**	**0.9292**		**2,960.0361**

3.4 Grading - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.1227	39.1601	8.0018	0.1022	2.3194	0.1461	2.4654	0.6356	0.1398	0.7754		11,035.6086	11,035.6086	0.8015		11,055.6450
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0800	0.0560	0.6081	1.6600e-003	0.1677	1.3000e-003	0.1690	0.0445	1.2000e-003	0.0457		165.6984	165.6984	5.1800e-003		165.8278
Total	**1.2027**	**39.2161**	**8.6098**	**0.1039**	**2.4870**	**0.1474**	**2.6344**	**0.6801**	**0.1410**	**0.8210**		**11,201.3070**	**11,201.3070**	**0.8066**		**11,221.4728**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

3.5 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0644	1.8321	0.4929	4.0300e-003	0.1024	0.0123	0.1147	0.0295	0.0118	0.0413		429.3060	429.3060	0.0314		430.0916
Worker	0.2133	0.1493	1.6215	4.4400e-003	0.4471	3.4800e-003	0.4506	0.1186	3.2100e-003	0.1218		441.8623	441.8623	0.0138		442.2074
Total	**0.2777**	**1.9814**	**2.1144**	**8.4700e-003**	**0.5495**	**0.0158**	**0.5653**	**0.1481**	**0.0150**	**0.1630**		**871.1683**	**871.1683**	**0.0452**		**872.2990**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0269		0.9036	0.9036		0.9036	0.9036	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**0.6739**	**14.2261**	**17.8738**	**0.0269**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

3.5 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0644	1.8321	0.4929	4.0300e-003	0.1024	0.0123	0.1147	0.0295	0.0118	0.0413		429.3060	429.3060	0.0314		430.0916
Worker	0.2133	0.1493	1.6215	4.4400e-003	0.4471	3.4800e-003	0.4506	0.1186	3.2100e-003	0.1218		441.8623	441.8623	0.0138		442.2074
Total	**0.2777**	**1.9814**	**2.1144**	**8.4700e-003**	**0.5495**	**0.0158**	**0.5653**	**0.1481**	**0.0150**	**0.1630**		**871.1683**	**871.1683**	**0.0452**		**872.2990**

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0550	1.6772	0.4457	4.0000e-003	0.1024	8.4400e-003	0.1109	0.0295	8.0800e-003	0.0376		426.4205	426.4205	0.0296		427.1607
Worker	0.1974	0.1332	1.4724	4.3000e-003	0.4471	3.3900e-003	0.4505	0.1186	3.1200e-003	0.1217		428.1460	428.1460	0.0123		428.4530
Total	**0.2524**	**1.8104**	**1.9181**	**8.3000e-003**	**0.5495**	**0.0118**	**0.5614**	**0.1481**	**0.0112**	**0.1593**		**854.5665**	**854.5665**	**0.0419**		**855.6137**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0269		0.9036	0.9036		0.9036	0.9036	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**0.6739**	**14.2261**	**17.8738**	**0.0269**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

3.5 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0550	1.6772	0.4457	4.0000e-003	0.1024	8.4400e-003	0.1109	0.0295	8.0800e-003	0.0376		426.4205	426.4205	0.0296		427.1607
Worker	0.1974	0.1332	1.4724	4.3000e-003	0.4471	3.3900e-003	0.4505	0.1186	3.1200e-003	0.1217		428.1460	428.1460	0.0123		428.4530
Total	**0.2524**	**1.8104**	**1.9181**	**8.3000e-003**	**0.5495**	**0.0118**	**0.5614**	**0.1481**	**0.0112**	**0.1593**		**854.5665**	**854.5665**	**0.0419**		**855.6137**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2679	12.7604	12.3130	0.0189		0.7196	0.7196		0.6637	0.6637		1,843.3191	1,843.3191	0.5671		1,857.4966
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2679**	**12.7604**	**12.3130**	**0.0189**		**0.7196**	**0.7196**		**0.6637**	**0.6637**		**1,843.3191**	**1,843.3191**	**0.5671**		**1,857.4966**

3.6 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1067	0.0747	0.8108	2.2200e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6000e-003	0.0609		220.9312	220.9312	6.9000e-003		221.1037
Total	**0.1067**	**0.0747**	**0.8108**	**2.2200e-003**	**0.2236**	**1.7400e-003**	**0.2253**	**0.0593**	**1.6000e-003**	**0.0609**		**220.9312**	**220.9312**	**6.9000e-003**		**221.1037**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4389	9.0888	13.5323	0.0189		0.5246	0.5246		0.5246	0.5246	0.0000	1,843.3191	1,843.3191	0.5671		1,857.4966
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4389**	**9.0888**	**13.5323**	**0.0189**		**0.5246**	**0.5246**		**0.5246**	**0.5246**	**0.0000**	**1,843.3191**	**1,843.3191**	**0.5671**		**1,857.4966**

3.6 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1067	0.0747	0.8108	2.2200e-003	0.2236	1.7400e-003	0.2253	0.0593	1.6000e-003	0.0609		220.9312	220.9312	6.9000e-003		221.1037
Total	**0.1067**	**0.0747**	**0.8108**	**2.2200e-003**	**0.2236**	**1.7400e-003**	**0.2253**	**0.0593**	**1.6000e-003**	**0.0609**		**220.9312**	**220.9312**	**6.9000e-003**		**221.1037**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2375					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	**38.5040**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**282.0423**

3.7 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0427	0.0299	0.3243	8.9000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		88.3725	88.3725	2.7600e-003		88.4415
Total	**0.0427**	**0.0299**	**0.3243**	**8.9000e-004**	**0.0894**	**7.0000e-004**	**0.0901**	**0.0237**	**6.4000e-004**	**0.0244**		**88.3725**	**88.3725**	**2.7600e-003**		**88.4415**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2375					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0238		282.0423
Total	**38.2970**	**1.3570**	**1.8324**	**2.9700e-003**		**0.0951**	**0.0951**		**0.0951**	**0.0951**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**282.0423**

3.7 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0427	0.0299	0.3243	8.9000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		88.3725	88.3725	2.7600e-003		88.4415
Total	**0.0427**	**0.0299**	**0.3243**	**8.9000e-004**	**0.0894**	**7.0000e-004**	**0.0901**	**0.0237**	**6.4000e-004**	**0.0244**		**88.3725**	**88.3725**	**2.7600e-003**		**88.4415**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9439	5.3331	13.7268	0.0519	4.4307	0.0425	4.4732	1.1855	0.0397	1.2252		5,276.1776	5,276.1776	0.2553		5,282.5596
Unmitigated	0.9439	5.3331	13.7268	0.0519	4.4307	0.0425	4.4732	1.1855	0.0397	1.2252		5,276.1776	5,276.1776	0.2553		5,282.5596

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	470.56	89.18	45.54	1,573,615	1,573,615
Total	470.56	89.18	45.54	1,573,615	1,573,615

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.548858	0.043235	0.200706	0.120309	0.016131	0.005851	0.021034	0.033479	0.002070	0.001877	0.004817	0.000707	0.000925

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
NaturalGas Unmitigated	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	4704.61	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
Total		**0.0507**	**0.4612**	**0.3874**	**2.7700e-003**		**0.0351**	**0.0351**		**0.0351**	**0.0351**		**553.4837**	**553.4837**	**0.0106**	**0.0102**	**556.7728**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	4.70461	0.0507	0.4612	0.3874	2.7700e-003		0.0351	0.0351		0.0351	0.0351		553.4837	553.4837	0.0106	0.0102	556.7728
Total		**0.0507**	**0.4612**	**0.3874**	**2.7700e-003**		**0.0351**	**0.0351**		**0.0351**	**0.0351**		**553.4837**	**553.4837**	**0.0106**	**0.0102**	**556.7728**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.1203	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Unmitigated	2.1203	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2410					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.8785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.1000e-004	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Total	**2.1203**	**9.0000e-005**	**9.7200e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**		**0.0208**	**0.0208**	**6.0000e-005**		**0.0221**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2410					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.8785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.1000e-004	9.0000e-005	9.7200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0208	0.0208	6.0000e-005		0.0221
Total	**2.1203**	**9.0000e-005**	**9.7200e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**		**0.0208**	**0.0208**	**6.0000e-005**		**0.0221**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

N2O Operational GHG Emission Mobile Calculations

Project Code & Title: 18-16771 1601 San Francisco

Vehicle Population Breakdown*	
1992836	Gasoline vehicles
418168	Diesel vehicles
82.7%	Gasoline vehicle %
17.3%	Diesel vehicle %

VMT per Vehicle Type	
1573648	Project VMT (CalEEMod output)
1300712	Gasoline vehicle VMT
272936	Diesel vehicle VMT

Gasoline Vehicles	
82.7%	Gasoline vehicle %
0.8306	Tons per year mobile NOX emissions (annual output in CalEEMod)
0.69	Gasoline vehicle tons per year NOX emissions
4.16%	Percentage to convert NOX emissions to N2O **
0.0286	Tons per year N2O emissions for gasoline vehicles
0.0259	Metric tons per year N2O emissions for gasoline vehicles

Diesel Vehicles	
0.3316	grams N2O per gallon of fuel for diesel vehicles**
12.71	Diesel average miles per gallon*
0.02609	grams per mile N2O for diesel vehicles
7120.6	grams per year N2O for diesel vehicles
0.0071206	Metric tons per year N2O emissions for diesel vehicles

CO2E Emissions from N2O	
0.0330	Metric tons per year from gasoline + diesel vehicles
298	GWP of N2O***
9.8	**CO2E emissions per year from N2O emissions from gasoline + diesel vehicles**

Sources

***Vehicle population source:**
EMFAC2014 (v1.0.7) Emissions Inventory
Region Type: County
Region: Los Angeles
Calendar Year: 2023
Season: Annual
Vehicle Classification: EMFAC2011 Categories

****Methodology source:**
EMFAC2011 Frequently Asked Questions
https://www.arb.ca.gov/msei/emfac2011-faq.htm

*****GWP source:**
Intergovernmental Panel on Climate Change (IPCC). 2007.
AR4 Climate Change 2007: The Physical Science Basis.
Contrbution of Working Group I to the Fourth Assessment Report of the
Intergovernmental Panel on Climate Change.

Appendix B

Biological Surveys

HARMSWORTH ASSOCIATES
Environmental Consultants

July 25, 2018

Clark Neuhoff
Alere Property Group
100 Bayview Circle, Suite 310
Newport Beach, CA 92660

Dear Mr. Neuhoff:

Re: 1601 San Francisco Avenue Project Biological Surveys

This letter report presents the findings of a biological constraints survey conducted at 1601 San Francisco Avenue, Los Angeles County, California. The assessment was conducted under contract to Alere Property Group. In July 2018, Harmsworth Associates biologist Paul Galvin, conducted surveys and a biological assessment of the project site to evaluate potential biological constraints and to document existing site conditions.

Project location and project description

The project is located in Long Beach, Los Angeles County, California; and is located within the Long Beach USGS 7.5 minute quadrangle (Figures 1-2). The proposed project is located at 1601 San Francisco Avenue, with the Los Angeles River to the west and San Francisco Avenue to the east. The site and vicinity is in a developed portion of Long Beach city. The site is separated from the Los Angeles River by a bike trail.

The project is a re-development and consists of development of two new office/warehouse buildings and associated parking spaces on the existing developed lot. Existing structures would be removed as part of the re-development.

Currently the entire project vicinity is flat with an elevation of approximately 11 feet above mean sea level. All areas of the project site have been paved. The area has a Mediterranean type climate, with hot dry summers and cool relatively wet winters. Annual precipitation for the area is approximately 12.3 inches, and average annual temperature ranges from 55^0 to 74^0 F.

Survey methods

The site visit was conducted on 18 July, 2018 by Harmsworth Associate biologist Paul Galvin. The habitat assessment and survey consisted of a general walk-around to all portions of the site, documenting site vegetation; habitats and evidence of wildlife presence.

29 Vacaville, Irvine, California 92602 – (714) 389-9527 – Cell (714) 287-4986 – pgalvin9@cox.net

All areas of the site were surveyed and assessed. Focused surveys for special status plant species[1] and special status wildlife species[2] were not conducted as part of the surveys. In addition to surveys and habitats assessments existing biological data for the area, such as the California Natural Diversity Data Base (CNDDB 2018) and the California Native Plant Society Inventory of rare and endangered vascular plants of California (Tibor 2001; 6th Edition of CNPS Inventory, CNPS 2018), were reviewed.

Existing site conditions

The entire project area is an existing development in a developed portion of Long Beach city. The entire site is paved or supports existing structures. There were no vegetated areas, undeveloped land or even landscaping areas onsite. A few non-native plants occurred along the fence and some grass and a few weeds grew in cracks in the pavement. Weeds present included tree tobacco (*Nicotiana glauca*), prickly lettuce (*Lactuca serriola*), prickly sow-thistle (*Sonchus asper*) and an exotic creeper.

Wildlife was sparse due to the lack of native habitats and poor site conditions. Species detected were typical of disturbed/developed areas and included rock dove (*Columba livia*), Anna's hummingbird (*Calypte anna*) and house finch (*Carpodacus mexicanus*).

Potential issues

Special status species

The site has very limited value to native plants and wildlife due to the disturbed and developed nature of the site and the complete absence of native habitats onsite. The site has no potential to support special status plant or wildlife species and no focused surveys for any special status species are required.

Wildlife movement

None of the proposed sites are in areas that could potentially provide movement corridors for wildlife species.

Federal Migratory Bird Treaty Act of 1918 (MBTA)

The MBTA governs the taking and killing of migratory birds, their eggs, parts, and nests and prohibits the take of any migratory bird, their eggs, parts, and nests. No take of migratory birds is allowed under this act. Construction work at areas with potential to support nesting birds must comply with the MBTA.

Wetlands, Waters of the U.S.

No wetlands or Waters of the U.S. and no areas that would be subject to the jurisdiction of the U.S. Army Corps of Engineers (Corps), California Department of Fish and

[1] Special status plant species = federal or state listed threatened or endangered species, or proposed endangered, threatened or candidate species, California Native Plant Society Species List (CNPS list 1-4), or otherwise sensitive species.

[2] Special status wildlife species = federal or state listed threatened or endangered species, or proposed endangered, threatened or candidate species, or otherwise sensitive species.

Wildlife (CDFW) or California Regional Water Quality Control Board (CRWQCB) occur onsite.

Biological constraints
There are no biological constraints at the project site.

References

California Natural Diversity Data Base (CNDDB) 2018. Long Beach USGS 7.5-minute quadrangle.

California Native Plant Society (CNPS) 2018. Online version of California Native Plant Society's Inventory of Rare and Endangered Vascular Plants of California. http://www.cal.net/~levinel/cgi-bin/cnps/sensinv.cgi

Natural Resources Conservation Service (NRCS) 2018. Soil Survey. http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm).

Tibor, D.P. (ed.) 2001. 6th Edition. California Native Plant Society's Inventory of Rare and Endangered Vascular Plants of California. California Native Plant Society, Sacramento, CA.

If you have any questions or require additional information, please call me at (714) 389-9527.

Sincerely
Harmsworth Associates

Paul Galvin, M.S.
Vice President

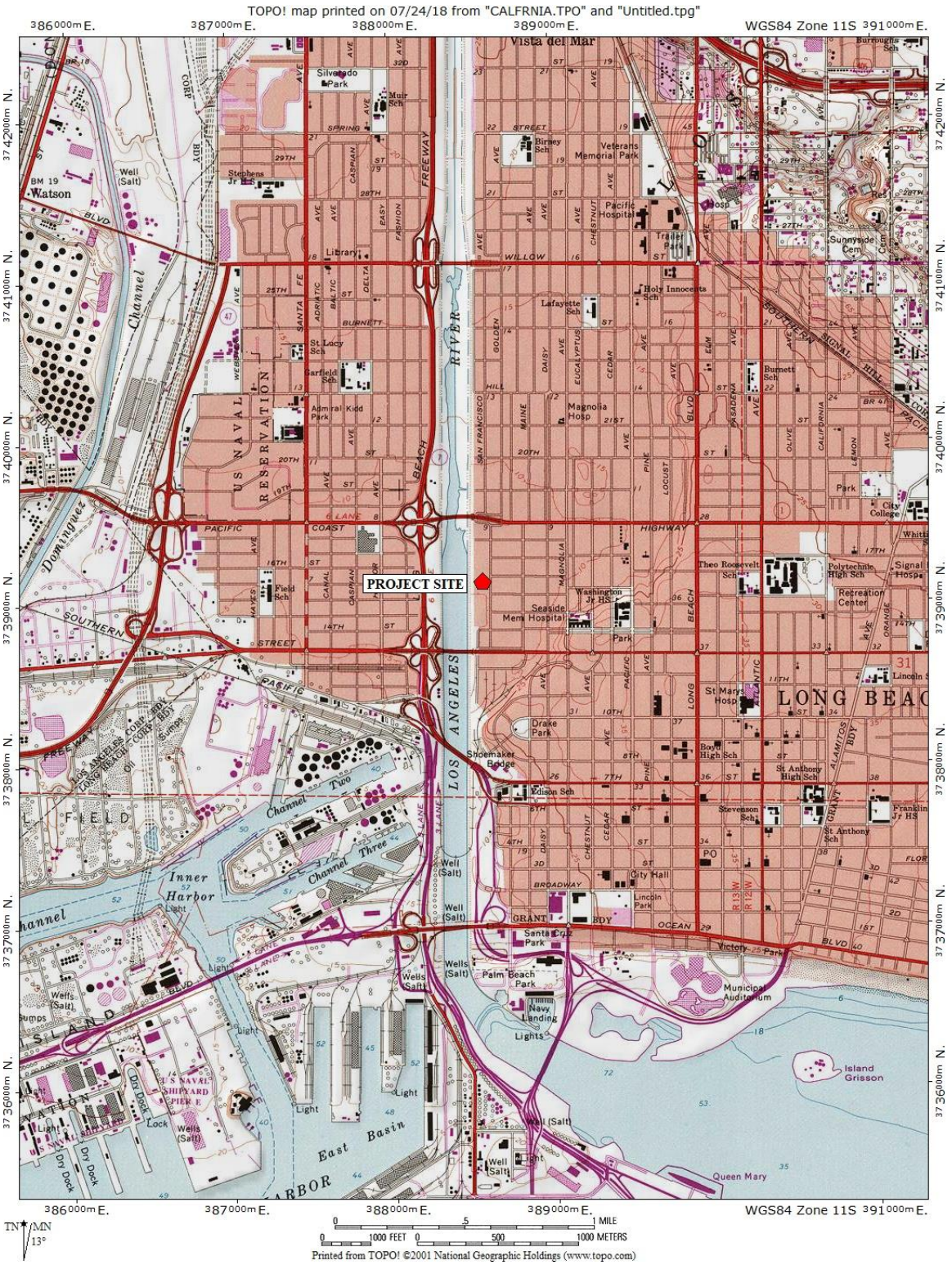


Figure 1: 1601 San Francisco Avenue Project. Approximate project location as red pentagon. Source: USGS Topographic map, Long Beach USGS 7.5 minute quadrangle.

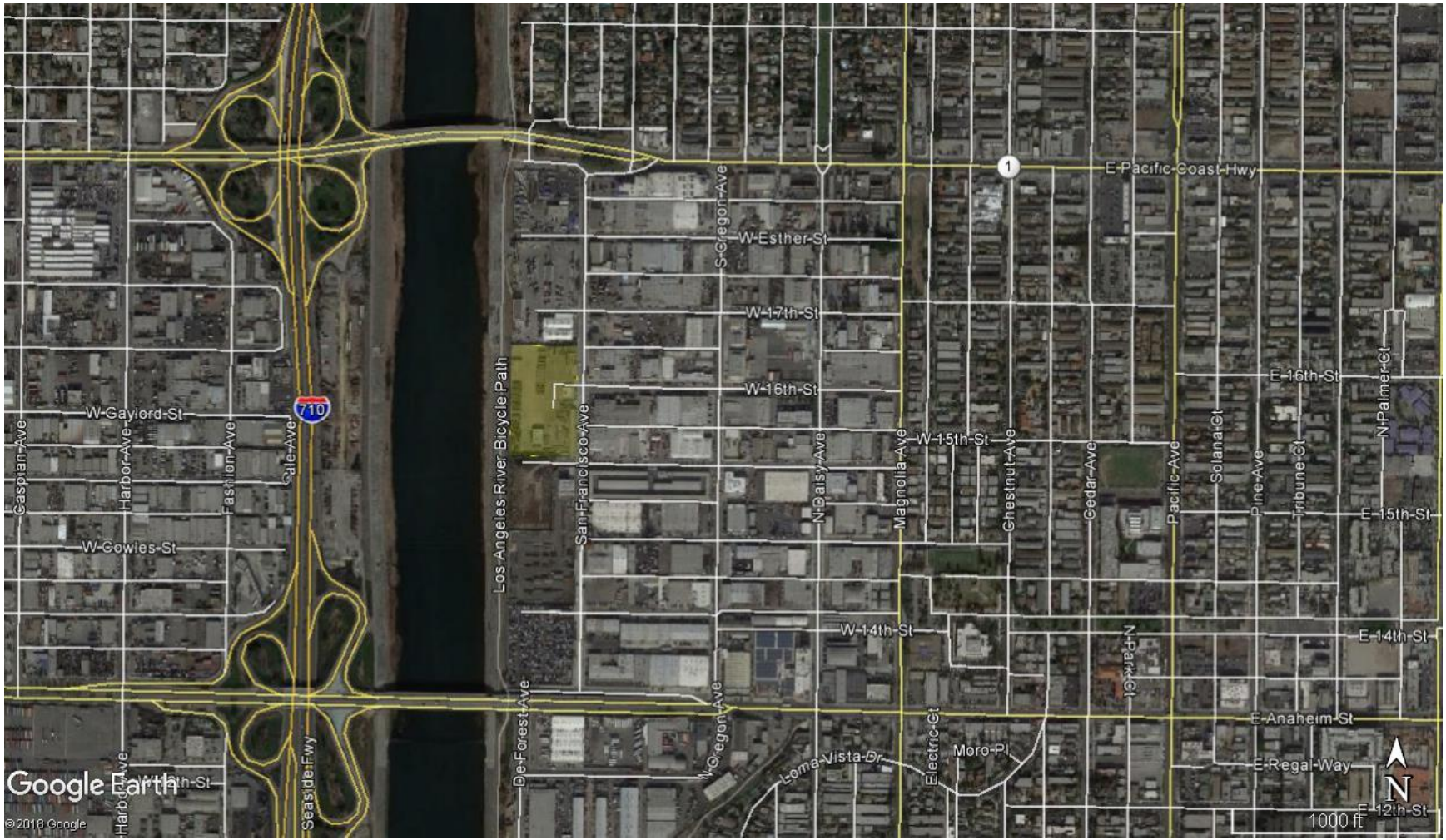


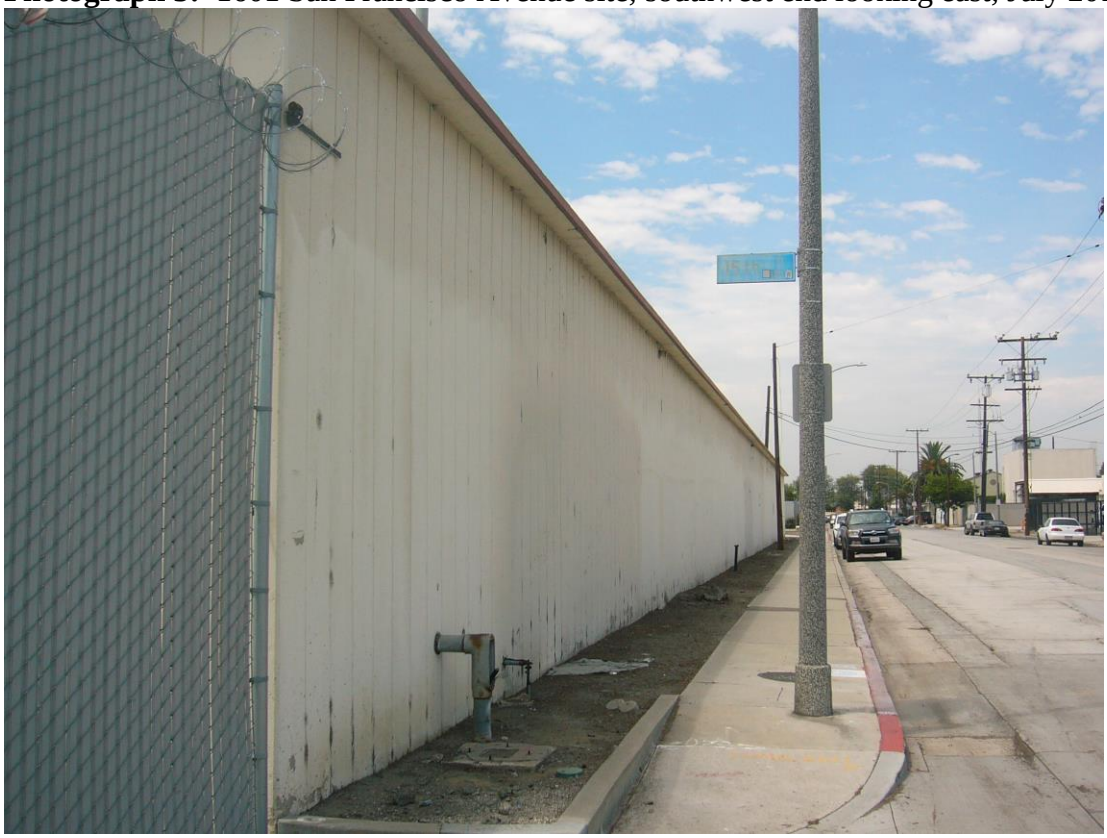
Figure 2: 1601 San Francisco Avenue Project location. Source: Google Earth, Inc.

Figure 3: 1601 San Francisco Avenue Project. Source: Google Earth, Inc.

Photograph 1: 1601 San Francisco Avenue site, northwest end looking southeast, July 2018.

Photograph 2: 1601 San Francisco Avenue site, southwest end looking northeast, July 2018.

Photograph 3: 1601 San Francisco Avenue site, southwest end looking east, July 2018.



Photograph 4: 1601 San Francisco Avenue site, southeast looking north, July 2018.

Photograph 5: 1601 San Francisco Avenue site, looking north, July 2018.

Photograph 6: 1601 San Francisco Avenue site, looking south, July 2018.

Photograph 7: 1601 San Francisco Avenue site, northern boundary looking west, July 2018.

Photograph 8: 1601 San Francisco Avenue site, northern boundary showing some of the few weeds onsite, July 2018.

Appendix C

Cultural Resources Assessment Report

CULTURAL RESOURCES ASSESSMENT

San Francisco Avenue and West 16th Street Project
City of Long Beach, Los Angeles County, California

Prepared for:

Clark Neuhoff
Alere Property Group LLC
www.alerellc.com

Prepared by:

David Brunzell, M.A., RPA
BCR Consulting LLC
Claremont, California 91711

Project No. ALE1801

Data Base Information:
Type of Study: Intensive Survey
Resources Recorded: Two Historic-period buildings at 1601 San Francisco Avenue
USGS Quadrangle: 7.5-minute *Long Beach, California* (1964)

BCRCONSULTING LLC

August 6, 2018

MANAGEMENT SUMMARY

BCR Consulting LLC (BCR Consulting) is under contract to Alere Property Group LLC to complete a Cultural Resources Assessment of the proposed San Francisco Avenue and West 16th Street Project (project) in the City of Long Beach (City), Los Angeles County, California. The project occupies approximately 3.93 acres and is bounded by San Francisco Avenue on the east, the channelized Los Angeles River levy on the west, and by industrial properties on the north and south. A cultural resources records search, additional research, intensive-level pedestrian field survey, Sacred Lands File search with the Native American Heritage Commission (NAHC), and vertebrate paleontological resources assessment were conducted for the project in partial fulfillment of the California Environmental Quality Act (CEQA).

The records search revealed that 14 previous cultural resources studies have taken place, and 40 cultural resources (37 historic-period buildings and three prehistoric archaeological sites) have been recorded within one-mile of the project site. None of the previous studies has assessed the project site, and no cultural resources have been previously recorded within its boundaries. During the field survey, BCR Consulting personnel identified two historic-period industrial buildings within the project site boundaries. Neither of the historic-period buildings is recommended eligible for the California Register of Historical Resources (California Register) or as a City Landmark (Long Beach Municipal Code Chapter 2.63.050). As such neither of these resources is recommended a “historical resource” under CEQA. They do not warrant further consideration. Furthermore, previous construction-related excavation on the project site and disturbances from the channelizing of the Los Angeles River have disturbed sediments beyond depths at which buried prehistoric cultural resources are likely. Based on these results, BCR Consulting recommends that no additional cultural resources work or monitoring is necessary for any proposed project activities. However, if previously undocumented cultural resources are identified during earthmoving activities, a qualified archaeologist shall be contacted to assess the nature and significance of the find, diverting construction excavation if necessary.

If human remains are encountered during the undertaking, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the Native American Heritage Commission (NAHC), which will determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC.

TABLE OF CONTENTS

MANAGEMENT SUMMARY ii
INTRODUCTION 1
NATURAL SETTING 1
CULTURAL SETTING 1
PREHISTORIC CONTEXT 1
ETHNOGRAPHY 3
HISTORY 3
PERSONNEL 5
RESEARCH DESIGN 6
METHODS 6
RESEARCH 6
FIELD SURVEY 6
RESULTS 7
RESEARCH 7
FIELD SURVEY 8
SIGNIFICANCE EVALUATIONS 8
SIGNIFICANCE CRITERIA 9
CALIFORNIA REGISTER EVALUATIONS 9
RECOMMENDATIONS 10
REFERENCES 12

FIGURES

1: Project Location Map 2

TABLES

A: Cultural Resources and Reports Within One Mile of the Project Site 7

APPENDICES

A: DEPARTMENT OF PARK AND RECREATION 523 FORMS
B: PALEONTOLOGICAL RESOURCES ASSESSMENT
C: NATIVE AMERICAN HERITAGE COMMISSION CORRESPONDENCE

INTRODUCTION

BCR Consulting LLC (BCR Consulting) is under contract to Alere Property Group LLC to complete a Cultural Resources Assessment of the proposed San Francisco Avenue and West 16th Street Project (project) in the City of Long Beach (City), Los Angeles County, California. A cultural resources records search, additional research, intensive-level pedestrian field survey, Sacred Lands File search with the Native American Heritage Commission (NAHC), and vertebrate paleontological resources assessment were conducted for the project in partial fulfillment of the California Environmental Quality Act (CEQA). The project occupies approximately 3.93 acres and is bounded by San Francisco Avenue on the east, the channelized Los Angeles River levy on the west, and by industrial properties on the north and south. The project site is located in a non-sectioned portion of Township 4 South, Range 13 West, San Bernardino Baseline and Meridian. It is depicted on the United States Geological Survey (USGS) *Long Beach, California* (1964) 7.5-minute topographic quadrangle (Figure 1).

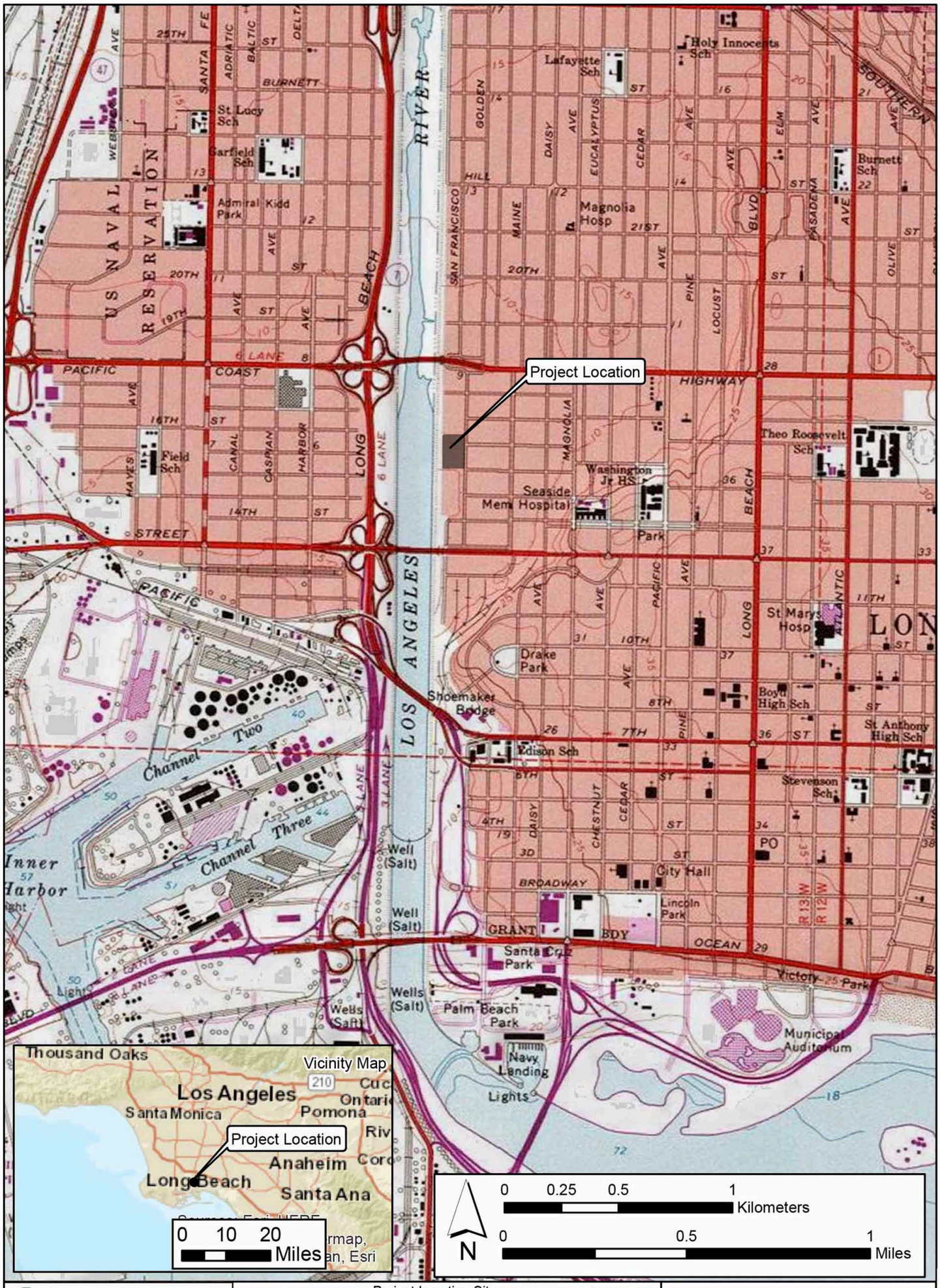
NATURAL SETTING

The local geologic region coincides with the physiographic area known as the Los Angeles Basin. It is characterized as a transverse-oriented lowland basin and coastal plain approximately 50 miles long and 20 miles wide. The basin originated as a deep marine trough during the Pliocene (7-2 million years ago) that eventually filled with shallow water fossil bearing sediments. By the beginning of the Pleistocene (after 2 million years ago) uplifting created the series of plains and mesas along the coast that now characterize the area (Lambert 1994, Mendenhall 1905, Woodford et al. 1954). Local rainfall ranges from 5 to 15 inches annually (Jaeger and Smith 1971:36-37). Local vegetation communities are naturally dominated by coastal sage scrub and riparian vegetation, although urbanization prevents its proliferation in much of the project region (Williams et al. 2008:117, 122). See Bean and Saubel (1972) for use of these biotic communities by prehistoric and historic inhabitants. Flood control efforts during the 1930s rerouted the Los Angeles River from one-half mile east, to its current location along the project site's western boundary (Patzert et al. 2014, USGS 1902, USGS 1964). Excavation of the river channel and excavation for building construction on the project site have disturbed sediments beyond depths at which buried cultural resources are likely.

CULTURAL SETTING

Prehistoric Context

The local prehistoric cultural setting has been organized into many chronological frameworks (see Warren and Crabtree 1986; Bettinger and Taylor 1974; Lanning 1963; Hunt 1960; Wallace 1958, 1962, 1978; Campbell and Campbell 1935), although there is no definitive sequence for the region. The difficulties in establishing cultural chronologies for southern California are a function of its enormous size and the small amount of archaeological excavations. Moreover, throughout prehistory many groups have occupied the area and their territories often overlap spatially and chronologically resulting in mixed artifact deposits. Due to dry climate and capricious geological processes, these artifacts rarely become integrated in-situ. Lacking a milieu hospitable to the preservation of cultural midden, local chronologies have relied upon temporally diagnostic artifacts, such as



BCRCONSULTING LLC
Claremont Napa Tehachapi
www.bcrconsulting.net
909-525-7078

Project Location Site
San Francisco Ave and West 16th Street Project

Figure 1

Reference: ESRI; USGS Quad: Long Beach, California (1964)

Alere Property Group LLC

projectile points, or upon the presence/absence of other temporal indicators, such as groundstone. Such methods are instructive, but can be limited by prehistoric occupants' Concurrent use of different artifact styles, or by artifact re-use or re-sharpening, as well as researchers' mistaken diagnosis, and other factors (see Flenniken 1985; Flenniken and Raymond 1986; Flenniken and Wilke 1989). Recognizing the shortcomings of comparative temporal indicators, this study recommends review of Warren and Crabree (1986), who have drawn upon this method to produce a relatively comprehensive chronology.

Ethnography

The Gabrielino probably first encountered Europeans when Spanish explorers reached California's southern coast during the 15th and 16th centuries (Bean and Smith 1978; Kroeber 1925). The first documented encounter, however, occurred in 1769 when Gaspar de Portola's expedition crossed Gabrielino territory (Bean and Smith 1978). Other brief encounters took place over the years, and are documented in McCawley 1996 (citing numerous sources). The Gabrielino name has been attributed by association with the Spanish mission of San Gabriel, and refers to a subset of people sharing speech and customs with other Cupan speakers (such as the Juaneño/Luiseño/Ajachemem) from the greater Takic branch of the Uto-Aztecan language family (Bean and Smith 1978). Gabrielino villages occupied the watersheds of various rivers (locally including the Santa Ana) and intermittent streams. Chiefs were usually descended through the male line and often administered several villages. Gabrielino society was somewhat stratified and is thought to have contained three hierarchically ordered social classes which dictated ownership rights and social status and obligations (Bean and Smith 1978:540-546). Plants utilized for food were heavily relied upon and included acorn-producing oaks, as well as seed-producing grasses and sage. Animal protein was commonly derived from rabbits and deer in inland regions, while coastal populations supplemented their diets with fish, shellfish, and marine mammals (Boscana 1933, Heizer 1968, Johnston 1962, McCawley 1996). Dog, coyote, bear, tree squirrel, pigeon, dove, mud hen, eagle, buzzard, raven, lizards, frogs, and turtles were specifically not utilized as a food source (Kroeber 1925).

History

Historic-era California is generally divided into three periods: the Spanish or Mission Period (1769 to 1821), the Mexican or Rancho Period (1821 to 1848), and the American Period (1848 to present).

Spanish Period. The first European to pass through the area is thought to be a Spaniard called Father Francisco Garces. Having become familiar with the area, Garces acted as a guide to Juan Bautista de Anza, who had been commissioned to lead a group across the desert from a Spanish outpost in Arizona to set up quarters at the Mission San Gabriel in 1771 near what today is Pasadena (Beck and Haase 1974). Garces was followed by Alta California Governor Pedro Fages, who briefly explored the region in 1772. Searching for San Diego Presidio deserters, Fages had traveled through Riverside to San Bernardino, crossed over the mountains into the Mojave Desert, and then journeyed westward to the San Joaquin Valley (Beck and Haase 1974).

Mexican Period. In 1821, Mexico overthrew Spanish rule and the missions began to decline. By 1833, the Mexican government passed the Secularization Act, and the missions, reorganized as parish churches, lost their vast land holdings, and released their neophytes (Beattie and Beattie 1974).

American Period. The American Period, 1848–Present, began with the Treaty of Guadalupe Hidalgo. In 1850, California was accepted into the Union of the United States primarily due to the population increase created by the Gold Rush of 1849. The cattle industry reached its greatest prosperity during the first years of the American Period. Mexican Period land grants had created large pastoral estates in California, and demand for beef during the Gold Rush led to a cattle boom that lasted from 1849–1855. However, beginning about 1855, the demand for beef began to decline due to imports of sheep from New Mexico and cattle from the Mississippi and Missouri Valleys. When the beef market collapsed, many California ranchers lost their ranchos through foreclosure. A series of disastrous floods in 1861–1862, followed by a significant drought further diminished the economic impact of local ranching. This decline combined with ubiquitous agricultural and real estate developments of the late 19th century, set the stage for diversified economic pursuits that continue to this day (Beattie and Beattie 1974; Cleland 1941).

Local Sequence. The Long Beach area was part of the Spanish-era Rancho Los Nietos (originally called La Zanja) granted in 1784 to Jose Manuel Nieto, a soldier from San Diego. The property included 300,000 acres of land that stretched south from present-day Whittier to the ocean. It was eventually cut in half due to claims by the priests of San Gabriel that it encroached on Mission lands. Nieto retired from the Spanish Military in 1795 to focus on ranching activities until his death in 1804. His widow and five children inherited the property, and it was managed by his oldest son Juan Jose. When Mexico gained independence, Rancho Los Nietos was divided among the family into five smaller ranchos: Santa Gertrudes, Las Bolsas, Los Alamitos, Los Cerritos, and Los Coyotes. Within the next 10 years all had been sold outside the Nieto family. In 1844 Los Cerritos (which contained the project area) was sold to John “Don Juan” Temple, a successful American merchant who came to California and married a Spanish-Californian wife (Cenovich 1995). Temple retained the ranch when California was ceded to the U.S. and continued to manage operations on the property until the drought of the 1860s decimated his herd. He sold the property to an American firm called Flint, Bixby, & Co. in 1866 and Jotham Bixby purchased it from the firm for his family in 1869. The Bixbys initially raised sheep, but in the late 19th century they began to sell parcels to the growing American immigrant population (National Park Service 2018). 4,000 acres were purchased by William E. Willmore, who attempted to develop a farm community named Willmore City. Willmore failed and the land was subsequently purchased by the Long Beach Land and Water Company, who named the community Long Beach.

The City of Long beach was incorporated in 1897 and a modern economy began to take shape. During the early 20th century local commerce was led by resort-based businesses and farming, but by the 1940s the oil industry, Navy facilities, and port dominated the scene (California Department of Conservation 2007). The development of these industries between 1921 and 1936 tripled the Long Beach population and highlighted the need for major infrastructure improvements to the Port of Long Beach and the Port of Los Angeles. Flood control efforts during the 1930s rerouted the Los Angeles River from one-half east to its current location along the project site’s western boundary, enabling development of land previously prone to flooding (Patzert et al. 2014, USGS 1902, USGS 1964). In 1933 a 6.4 earthquake destroyed many of the City’s masonry buildings and disabled local natural gas utilities. The damage prompted Long Beach to adopt stricter construction codes, and the revitalization efforts resulted in many new Art Deco or Streamline Moderne style buildings which remain visible in much of today’s cityscape (City of Long Beach 2010).

More ubiquitous local trends of the 1930s brought housing shortages which, in combination with the Great Depression, prompted the County of Los Angeles to create a housing authority. This new organization was responsible for Southern California's first affordable housing complex in Long Beach, known as the Carmelitos Housing Project. The project was completed in 1939 and included 67 buildings on 50 acres, all of which were inhabited within a year. This initial success led to the development of the Ramona Gardens and Harbor Hills complexes, both completed in 1941. Like many port cities, World War II brought a bustling military industry to Long Beach which caused significant economic boosts, as well as ethnic upheaval. A large Japanese population on Terminal Island was subject to internment during the war and despite the efforts mentioned above, the continuing housing shortage displaced many Greek and Portuguese immigrants. At the same time the African American population of Long Beach expanded considerably as part of the most consequential years of the Great Migration from the rural south. After the war, many veterans moved to Long Beach prompting privately-funded development of new residential neighborhoods as well as corresponding infrastructure and expanded City services. These population pressures served to erase most traces of orchards, dairies, and other agricultural developments from the early part of the century (Ivers 2009). The trends, markedly visible throughout much of California, were decidedly magnified in Long Beach. As the population continued to grow and diversify, civil rights activists and lawmakers teamed up to enact legislation and policies to encourage more fair access to housing and services (Addison 2017). Expansion into the Bixby Knolls and North Long Beach areas followed along with 9.8 square miles of land annexation, most of which was allotted for new subdivisions and residential in-fill throughout the City (City of Long Beach 2010). Expansion included more intensive use and development of municipal City properties evidenced by a master plan for parks, shoreline, and city beautification (adopted in 1954) and by more utilitarian developments such as municipal facilities, including the subject property. Growth slowed during the 1960s and did not resume significantly until the 1980s. By this time new residents from Southeast Asia, Mexico, and Central and Latin America immigrated to Long Beach expanding the population from 361,344 in 1980 to 461,257 in 2010. The accompanying redevelopment again began to reshape the City's appearance and six blocks in downtown were demolished for new construction projects (ibid). Late-century developments include the construction of the Aquarium of the Pacific, and adaptive reuse of many old buildings and structures for commercial and residential purposes that continues today. The local economy has gone from an oil and military emphasis during World War II, diversifying to include aerospace and other industries after the war. In spite of significant reductions, Boeing remains the largest private employer in the City. In the last 20 years, electronics, health care, and entertainment businesses have added to the diversifying economy.

PERSONNEL

David Brunzell, M.A., RPA acted as the Project Manager and Principal Investigator for the current study, conducted the additional research, and compiled the Department of Park and Recreation (DPR) 523 forms and technical report. BCR Consulting Crew Chief Joseph Orozco (M.A., ABD) completed the records search and assisted with additional research, and BCR Consulting Staff Archaeologist Nicholas Shepetuk (B.A.) performed the field assessment.

RESEARCH DESIGN

This work was completed pursuant to CEQA, the Public Resources Code (PRC) Chapter 2.6, Section 21083.2, and California Code of Regulations (CCR) Title 14, Chapter 3, Article 5, Section 15064.5, and to Long Beach Municipal Code Chapter 2.63.060. The pedestrian cultural resources survey was intended to locate and document previously recorded or new cultural resources, including archaeological sites, features, isolates, and historic-period buildings, that exceed 45 years in age within defined project boundaries. The project site was examined using 15-meter transect intervals, where accessible. This study is intended to determine whether cultural resources are located within the project boundaries, whether any cultural resources are significant pursuant to the above-referenced regulations and standards, and to develop specific mitigation measures that will address potential impacts to existing or potential resources. Tasks pursued to achieve that end include:

- Cultural resources records search to review the results of any studies conducted within a one-mile radius of the project boundaries
- Additional research through various local and regional resources
- Systematic pedestrian survey of the entire accessible project site
- California Register and City Landmark eligibility evaluation for resources identified
- Development of recommendations and mitigation measures for cultural resources documented within the project boundaries, following CEQA
- Completion of DPR 523 forms for any discovered cultural resources
- Vertebrate paleontology resources report the L.A. County Natural History Museum.

METHODS

Research

Records Search. On July 12, 2018 (prior to the field survey) a records search was conducted at the South Central Coastal Information Center at California State University, Fullerton. This archival research reviewed the status of all recorded historic and prehistoric cultural resources, and survey and excavation reports completed within one mile of the current project. Additional resources reviewed included the National Register, the California Register, and documents and inventories published by the California Office of Historic Preservation. These include the lists of California Historical Landmarks, California Points of Historical Interest, Listing of National Register Properties, and the Inventory of Historic Structures.

Additional Research. BCR Consulting performed additional research through records of the General Land Office Maintained by the Bureau of Land Management, the City of Long Beach, the Los Angeles County Assessor, and through various Internet resources.

Field Survey

An intensive-level cultural resources field survey of the project site was conducted on July 27, 2018. The survey was conducted by walking parallel transects spaced approximately 15 meters apart across the accessible project site. The property interior was not accessible, however the buildings were easily visible from the entrance, and the only visible sediments on the entire property were in a small accessible yard in front of the main entrance. Cultural Resources were recorded on DPR 523 forms. Digital photographs were taken at various points within the project site. These included overviews as well as detail

photographs of all cultural resources. Cultural resources were recorded per the California OHP *Instructions for Recording Historical Resources* in the field using:

- Detailed note taking for entry on DPR Forms (see Appendix A)
- Hand-held Garmin Global Positioning systems for mapping purposes
- Digital photography of all cultural resources (see Appendix A).

RESULTS

Research

Records Search. Data from the SCCIC revealed that 14 previous cultural resources studies have taken place, and 40 cultural resources (37 historic-period buildings and three prehistoric archaeological sites) have been recorded within one-mile of the project site. None of the previous studies has assessed the project site, and no cultural resources have been previously recorded within its boundaries. The Long Beach Historic Preservation Element was also reviewed during this effort. The records search is summarized as follows:

Table A. Cultural Resources and Reports Within One Mile of the Project Site

USGS 7.5 Min Quad	Cultural Resources Within 1 Mile of Project Site	Studies W/in 1 Mile
Long Beach, California (1964)	P-19-693: prehistoric site with human remains (1/2 mile S) P-19-694: prehistoric shell midden (1/2 mile SE) P-19-695: prehistoric shell midden (1/2 mile NE) P-19-150346-52: historic-period building (1/2 to 1 mile SE) P-19-150354: historic-period building (1 mile SE) P-19-150361: historic-period building (1/2 mile NE) P-19-178683: historic-period building (3/4 mile SE) P-19-178699: historic-period building (1/2 mile S) P-19-187005: historic-period building (1 mile SE) P-19-187117-18: historic-period residence (3/4 mile NE) P-19-187120: historic-period residence (3/4 mile NE) P-19-187128: historic-period residence (1/2 mile E) P-19-187163: historic-period building (1 mile SE) P-19-187166: historic-period building (3/4 mile SE) P-19-187167: historic-period building (1 mile E) P-19-187181: historic-period residence (1/2 mile NW) P-19-187187: historic-period building (1/2 mile SE) P-19-187198-200: historic-period residence (1/2 mile SE) P-19-187218: historic-period building (1/2 mile SE) P-19-187223: historic-period building (1/2 mile SE) P-19-187235: historic-period residence (1/2 mile N) P-19-187239: historic-period residence (1/2 mile E) P-19-187281: historic-period building (1 mile E) P-19-187346: historic-period building (1/2 mile SE) P-19-188906: historic-period building (3/4 mile SE) P-19-188912: historic-period building (1 mile NE) P-19-190081: historic-period building (3/4 mile E) P-19-190588: historic-period smoke house (1/2 mi. SW) P-19-190716-18: historic-period building (1/4 mile SE)	LA-503, 2399, 2644, 2665, 3102, 3508, 7908, 7984, 8475, 8729, 11029, 11827, 11993, 12808

Additional Research. Additional research was performed for the project site to provide the background for the two buildings developed during the historic era (i.e. greater than 45 years ago) within its boundaries (see also Field Survey Results, below). Review of the Long Beach Historic Preservation Element did not reveal any City Historic Districts or Designated Structures within or near the project site.

1601 San Francisco Avenue. Building permits show that the parcel to the south was formerly part of the Long Beach City Maintenance Yard, and that several other buildings had been constructed and demolished within its boundaries at various times. The only remaining structures within the current boundaries include Buildings 1 and 2 and a third non-historic period building constructed circa 1980 (United States Department of Agriculture 1980). Building 1 and Building 2 were both built in 1950 for use by the City of Long Beach. Joseph H. Davies, who designed other structures in the area (most notably the Davies Bridge) was the designing engineer (City of Long Beach 1950; see also Significance Evaluations, below). Alterations to Building 1 include installation of a heating, ventilation, and air conditioning system, a security system, a telephone system, and fire protection in 1985 (City of Long Beach 1985). Electrical and plumbing upgrades occurred on the property in 1995 (City of Long beach 1995).

Field Survey

During the field survey Nick Shepetuk carefully inspected the accessible project site. It is occupied by three industrial structures, two of which are historic in age (i.e. over 45 years old). The modern structure is a rectangular metal storage building constructed circa 1980 in the south-central portion of the property (see United States Department of Agriculture 1980). Since it is not historic in age, it does not warrant further consideration. The two historic-period structures include a 50 by 50-foot square concrete building (Building 1) facing San Francisco Avenue in the central portion of the property, and a long, narrow garage (Building 2) also along San Francisco Avenue but facing the property's interior. Building 1 is a flat-roofed concrete industrial office building with a structural awning along its east elevation. All walls contain large glass windows, and access is provided through a single glass door in the main (east) elevation, and through three doors in the rear (west) elevation. Building 2 is a flat-roofed wood-framed garage with open vehicle access in the northern portion of the primary (west) elevation, and closed parking accessed by garage doors in the southern portion of the west elevation. With the exception of a small dirt yard in front of Building 1, the entire property is paved. Windows and the front door appear to have been replaced in Building 1, although the building permits do not show when this happened. Building 2 is a simple structure and significant alterations were not apparent.

SIGNIFICANCE EVALUATIONS

During the field survey, two historic period buildings were identified. CEQA and the City Municipal Code call for the evaluation and recordation of historic and archaeological resources. The criteria for determining the significance of impacts to cultural resources are based on Section 15064.5 of the *CEQA Guidelines* and Guidelines for the Nomination of Properties to the California Register. Properties eligible for listing in the California Register and subject to review under CEQA are those meeting the criteria for listing in the California Register, or designation under a local ordinance.

Significance Criteria

California Register of Historical Resources. The California Register criteria are based on National Register criteria. City Landmark Designation criteria are similar to California Register criteria; the differences are bracketed [ ] below. For a property to be eligible for inclusion on the California Register or as a City Landmark, one or more of the following criteria must be met:

1. It is associated with the events that have made a significant contribution to the broad patterns of local [including City] or regional history, or the cultural heritage of California or the U.S.;
2. It is associated with the lives of persons important to local [the City's], California, or U.S. history;
3. It embodies the distinctive characteristics of a type, period, region, or method of construction, represents the work of a master, possesses high artistic values; and/or
4. It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

In addition to meeting one or more of the above criteria, the California Register requires that sufficient time has passed since a resource's period of significance to "obtain a scholarly perspective on the events or individuals associated with the resources." (CCR 4852 [d][2]). The California Register also requires that a resource possess integrity. This is defined as the ability for the resource to convey its significance through seven aspects: location, setting, design, materials, workmanship, feeling, and association.

California Register Evaluation

The subject property has comprised part of the Long Beach City Yard since before 1950 (City of Long Beach 1950). The property configuration has been altered and several buildings have been constructed and demolished over the decades although Buildings 1 and 2 have been in place since 1950 (ibid). The subject property (particularly Building 1) fits within a context of mid-century modern municipal industrial development, however it is not associated with important events related to the founding and/or development of the industry. It is therefore not eligible for the California Register or as a City Landmark under Criterion 1. Criterion 2: Building permits from the City show that J.H. Davies was the Architect/Engineer for Buildings 1 and 2. Mr. Davies was a local engineer of some note. He was employed as a structural and construction engineer for the City of Long Beach, and was in charge of local emergency relief after the 1933 earthquake. He started the firm J.H. Davies and Associates in 1933 which he operated until his death in 1953 at age 51. The firm had 65 employees in 1953 (Long Beach Independent October 28, 1953 p. 24). Mr. Davies' firm designed many local structures, however he is not recognized as a significant person in the founding or advancement of mid-century modern municipal development, and the subject property does not illustrate any important achievements. Therefore the subject property and its buildings are not associated with the lives of persons important in California's (or the City's) past. Criterion 3: Building 1 does exhibit limited elements of mid-century industrial design (flat roof and awning, large windows, use of industrial materials such as concrete and steel), but is not particularly distinctive from

buildings designed during that era. It does not represent the work of an important creative individual or possess high artistic values. Building 2 and the rest of the subject property were constructed for utilitarian purposes with no recognizable design. Therefore, the subject property and its constituent buildings are not eligible under Criterion 3. Criterion 4: The subject property has not and is not likely to yield information important in prehistory or history and are therefore not eligible for listing under Criterion 4. The subject property and its historic-age buildings are therefore recommended not eligible under any of the four criteria for listing on the California Register, and as such are not recommended historical resources under CEQA.

Integrity. As the buildings remain in their original positions and are still in use in the City Yard, they retain integrity of location, setting, and association. Alterations have minimally diminished integrity of design, materials, workmanship, and feeling.

RECOMMENDATIONS

Neither of the historic-period buildings is recommended eligible for the California Register or as a City Landmark (Long Beach Municipal Code Chapter 2.63.050). As such neither of these resources are recommended a “historical resource” under CEQA. They do not warrant further consideration. Furthermore, previous construction-related excavation on the project site and disturbances from the channelizing of the Los Angeles River have disturbed sediments beyond depths at which buried prehistoric cultural resources are likely. Therefore, no significant impacts related to archaeological or historical resources is anticipated and no further investigations are recommended for the proposed project unless:

- the proposed project is changed to include areas not subject to this study;
- cultural materials are encountered during project activities.

Although the current study has not indicated sensitivity for cultural resources within the project boundaries, ground disturbing activities always have the potential to reveal buried deposits not observed on the surface during previous surveys. Prior to the initiation of ground-disturbing activities, field personnel should be alerted to the possibility of buried prehistoric or historic cultural deposits. In the event that field personnel encounter buried cultural materials, work in the immediate vicinity of the find should cease and a qualified archaeologist should be retained to assess the significance of the find. The qualified archaeologist shall have the authority to stop or divert construction excavation as necessary. If the qualified archaeologist finds that any cultural resources present meet eligibility requirements for listing on the California Register or the National Register, plans for the treatment, evaluation, and mitigation of impacts to the find will need to be developed. Prehistoric or historic cultural materials that may be encountered during ground-disturbing activities include:

- historic artifacts such as glass bottles and fragments, cans, nails, ceramic and pottery fragments, and other metal objects;
- historic structural or building foundations, walkways, cisterns, pipes, privies, and other structural elements;
- prehistoric flaked-stone artifacts and debitage (waste material), consisting of obsidian, basalt, and or cryptocrystalline silicates;
- groundstone artifacts, including mortars, pestles, and grinding slabs;

- dark, greasy soil that may be associated with charcoal, ash, bone, shell, flaked stone, groundstone, and fire affected rocks;

If human remains are encountered during the undertaking, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the Native American Heritage Commission (NAHC), which will determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC.

REFERENCES

Addison, Brian
2017 *A History of Housing Practices in Long Beach.* Electronic Document: https://www.kcet.org/shows/city-rising/a-history-of-housing-practices-in-long-beach. 8/3/18

Bean, Lowell J. and K.S. Saubel
1972 *Temalpakh: Cahuilla Indian Knowledge and Usage of Plants.* Malki Museum Press, Banning, California.

Bean, Lowell John, and Charles Smith
1978 *California*, edited by R.F. Heizer. Handbook of North American Indians, Vol. 8, W.C. Sturtevant, general editor, Smithsonian Institution. Washington, D.C.

Beattie, George W., and Helen P. Beattie
1974 *Heritage of the Valley: San Bernardino's First Century*. Biobooks: Oakland.

Beck, Warren A., and Ynez D. Haase
1974 *Historical Atlas of California*. Oklahoma City: University of Oklahoma Press.

Bettinger, Robert L., and R.E. Taylor
1974 Suggested Revisions in Archaeological Sequences of the Great Basin and Interior Southern California. *Nevada Archaeological Survey Research Papers* 3:1-26.

Boscana, Father Geronimo
1933 *Chinigchinich: Alfred Robinson's Translation of Father Geronimo Boscana's Historic Account of the Belief, Usages, Customs and Extravagancies of the Indians of this Mission of San Juan Capistrano Called the Acagchemem Tribe.* Fine Arts Press, Santa Ana.

California Department of Conservation
2007 *Oil and Gas Statistics: 2007 Annual Report.* Electronic Document: ftp://ftp.consrv.ca.gov/pub/oil/annual_reports/2007/0102stats_07.pdf. Accessed 8/2/18.

Campbell, E., and W. Campbell
1935 The Pinto Basin. *Southwest Museum Papers* 9:1-51.

Cenovich, Marilyn
1995 *The Story of Cerritos: A History in Progress.* Electronic document: http://menu.ci.cerritos.ca.us/collections/local_history/cl_lhStory.htm. Accessed 8/2/18.

City of Long Beach
2010 *Historic Preservation Element.* Long Beach City Council. Long Beach, California.
1995 Building Permits on File at the City of Long Beach.
1985 Building Permits on File at the City of Long Beach.
1950 Building Permits on File at the City of Long Beach.

Cleland, Robert Glass
1941 *The Cattle on a Thousand Hills—Southern California, 1850-80.* San Marino, California: Huntington Library.

Flenniken, J.J.
1985 Stone Tool Reduction Techniques as Cultural Markers. *Stone Tool Analysis: Essays in Honor of Don E. Crabtree,* edited by M.G. Plew, J.C. Woods, and M.G. Pavesic. University of New Mexico Press, Albuquerque.

Flenniken, J.J. and A.W. Raymond
1986 Morphological Projectile Point Typology: Replication, Experimentation, and Technological Analysis. *American Antiquity* 51:603-614.

Flenniken, J.J. and Philip J. Wilke
1989 Typology, Technology, and Chronology of Great Basin Dart Points. *American Anthropologist* 91:149-158.

Heizer, Robert F.
1968 Introduction and Notes: *The Indians of Los Angeles County: Hugo Reid's Letters of 1852,* edited and annotated by Robert F. Heizer. Southwest Museum, Los Angeles.

Hunt, Alice P.
1960 *The Archaeology of the Death Valley Salt Pan, California.* University of Utah Anthropological Papers No. 47.

Ivers, L.H.
2009 *Long Beach: A History Through its Architecture.* Historical Society of Long Beach. Long Beach, California.

Jaeger, Edmund C., and Arthur C. Smith
1971 *Introduction to the Natural History of Southern California*. California Natural History Guides: 13. University of California Press. Los Angeles

Johnston, B.E.
1962 *California's Gabrielino Indians.* Southwest Museum, Los Angeles.

Lambert, David
1994 *The Field Guide to Prehistoric Life.* Diagram Visual Information Limited. New York.

Lanning, Edward P.
1963 The Archaeology of the Rose Spring Site (Iny-372). *University of California Publications in American Archaeology and Ethnology* 49(3):237-336.

McCawley, William
1996 *The First Angelinos, The Gabrielino Indians of Los Angeles.* Malki Museum Press/Ballena Press Cooperative Publication. Banning/Novato, California.

Mendenhall, W.C.
1905 *Developments of Underground Waters in the Eastern Coastal Plain Regions of Southern California.* USGS Water Supply Paper, Number 137.

National Park Service
2018 *Los Cerritos Ranch House.* Electronic Document: https://www.nps.gov/nr/travel/american_latino_heritage/los_cerritos_ranch_house.html. Accessed 8/2/18.

Patzert, W.C., S.S. Regalado, S. LaDochy, P.C. Ramirez, J.K. Willis
2014 *Was all that Los Angeles River Flood Control Concrete Necessary?* American Geophysical Union, Fall Meeting 2014, abstract id. H43F-1023.

United States Department of Agriculture
1980 Aerial Photos of Los Angeles County. Electronic Document: historicaerials.com. Accessed on multiple dates.

United States Geological Survey
1964 *Long Beach, California* 7.5-minute topographic quadrangle map.
1902 *Downey, California* 1:62,000 topographic quadrangle map.

Wallace, William J.
1958 Archaeological Investigation in Death Valley National Monument. *University of California Archaeological Survey Reports* 42:7-22.

1962 Prehistoric Cultural Development in the Southern California Deserts. *American Antiquity* 28(2):172-180.

1978 The Southern Valley Yokuts, and The Northern Valley Yokuts. In *Handbook of the North American Indians, Vol. 8, California,* edited by W.L. d'Azevedo, pp. 448-470. W.C. Sturtevant, General Editor. Smithsonian Institution, Washington D.C.

Warren, Claude N. and R.H. Crabtree
1986 The Prehistory of the Southwestern Great Basin. In *Handbook of the North American Indians, Vol. 11, Great Basin,* edited by W.L. d'Azevedo, pp.183-193. W.C. Sturtevant, General Editor. Smithsonian Institution, Washington D.C.

Williams, Patricia, Leah Messinger, Sarah Johnson
2008 *Habitats Alive! An Ecological Guide to California's Diverse Habitats.* California Institute for Biodiversity, Claremont, California.

Woodford, A.O., J.E. Schuellhamer, J.E. Wooder, and R.F. Yerkes
1954 Geology of the Los Angeles Basin. In *Geology of Southern California, Bulletin 170*. Division of Mines and Geology. San Francisco.

APPENDIX A

DEPARTMENT OF PARK AND RECREATION 523 FORMS

State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION **PRIMARY RECORD**	Primary # HRI # Trinomial NRHP Status Code 6Z
Other Listings Review Code	Reviewer Date

 ***Resource Name or #:** 1601 San Francisco Avenue

P1. Other Identifier:

***P2. Location:** ☐ **Not for Publication** ☑ **Unrestricted** ***a. County:** Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad:** Long Beach, CA **Date:** 1964 **T**4S; **R**13W; Non-sectioned**;** SBBM

c. Address: 1601 San Francisco Ave City: Long Beach Zip: 90813

d. UTM: Zone: N/A mE/ Elevation: 10' AMSL

e. Other Locational Data: The subject property is located on the west side of San Francisco Ave between West 17th and 15th Streets. A levy of the channelized portion of the Los Angeles River borders the subject property on the west side.

***P3a. Description:** This subject property is occupied by three industrial structures, two of which are historic in age (i.e. over 45 years old). The modern structure is a rectangular metal storage building and was built circa 1980 in the south-central portion of the property (see United States Department of Agriculture 1980). Since it is not historic in age, it does not require further consideration. The two historic-period structures include a square concrete building (Building 1) facing San Francisco Avenue in the central portion of the property, and a long, narrow garage (Building 2) also along the San Francisco Avenue Frontage but facing the property's interior. Building 1 is a flat-roofed concrete industrial office building with a shaded entry along its east elevation. All walls contain large glass windows, and access is provided through a single glass door in the main (east) elevation, and through three doors in the rear (west) elevation. Building 2 is a flat-roofed wood-framed garage with open vehicle access in the northern portion of the primary (west) elevation, and closed parking accessed by garage doors in the southern portion of the west elevation. City of Long Beach building permits indicate that both buildings were constructed in 1950 as part of a City maintenance yard (still in use). With the exception of a small dirt yard in front of Building 1, the property is paved.

***P3b. Resource Attributes:** HP2. Commercial/Industrial

P5a. Photo or Drawing **(**Photo required for buildings, structures, and objects.)

***P4. Resources Present:**
☑ Building ☐Structure ☐Object ☐Site ☐District ☐Element of District ☐Other

P5b. Description of Photo: (View, date, accession #) Photo 1: Building 1 Overview (W)

***P6. Date Constructed/ Age and Sources:** ☑Historic 1950 (see page 2) ☐Prehistoric ☐Both

***P7. Owner and Address:**
City of Long Beach
333 West Ocean Boulevard
Long Beach, California 90802

***P8. Recorded by:**
Nicholas Shepetuk
BCR Consulting LLC
Claremont, California 91711

***P9. Date Recorded:** 7/27/2018

***P10. Survey Type:** Intensive.

***P11. Report Citation:** *Cultural Resources Assessment of the San Francisco Avenue and West 16th Street Project, Long Beach, Los Angeles County, California*

***Attachments:** ☐NONE ☐ Location Map ☐ Sketch Map ☑ Continuation Sheet ☑Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐Other (List):

BUILDING, STRUCTURE, AND OBJECT RECORD

 ***NRHP Status Code**: 6Z ***Resource Name or #** (Assigned by recorder) 1601 San Francisco Ave

B1. Historic Name: City Consolidated Yard B2. Common Name: City Maintenance Yard

B3. Original Use: City Yard B4. Present Use: City Yard

***B5. Architectural Style:** Midcentury Modern (Building 1)

***B6. Construction History:** (Construction date, alterations, and date of alterations): Building permits show that the parcel to the south was formerly part of the Long Beach City Maintenance Yard, and that several other buildings had been constructed within its boundaries at various times. The only remaining structures within the current boundaries include Buildings 1 and 2 and a third non-historic period building constructed circa 1980 (USDA 1980). Building 1 and Building 2 were both constructed in 1950 for use by the City of Long Beach. Joseph H. Davies, who designed other structures in the area (most notably the Davies Bridge) was the designing engineer (City of Long Beach 1950). Building 1 is a 50 by 50-foot concrete office building with a structural awning over the main entrance. Alterations to Building 1 include installation of a heating, ventilation, and air conditioning system, a security system, a telephone system, and fire protection in 1985 (City of Long Beach 1985). Electrical and plumbing upgrades occurred on the property in 1995 (City of Long beach 1995). Windows and the front door appear to have been replaced, although the building permits do not show when this happened. Building 2 is a simple structure and significant alterations were not apparent.

***B7. Moved?** ☑**No** ☐**Yes** ☐**Unknown** **Date:** N/A **Original Location:** N/A ***B8. Related Features:** None

B9a. Architect: Joseph H. Davies (Engineer) b. Builder: Unknown

***B10. Significance: Theme:** **Area:** Long Beach **Applicable Criteria:** N/A

California Register of Historical Resources requires that a significance criterion (1-4) be met for a resource to be eligible. City of Long Beach Landmark Designation criteria are similar to the California Register requirements; the differences are indicated in brackets [ ]. A resource is eligible if (1) it is associated with events that have made a significant contribution to the broad patterns of California's [the City's] history and cultural heritage; (2) it is associated with the lives of persons important in California's [the City's] past; (3) it embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic value; or (4) it has yielded or is likely to yield information important in prehistory or history. The California Register also requires that sufficient time has passed since a resource's period of significance (normally 45 years) to "obtain a scholarly perspective on the events or individuals associated with the resources" (CCR 4852 [d][2]). The California Register also requires that a resource possess integrity. This is defined as the ability for the resource to convey its significance through seven aspects: location, setting, design, materials, workmanship, feeling, and association.

The subject property has comprised part of the Long Beach City Yard since before 1950 (City of Long Beach 1950). The property configuration and several buildings have been constructed and demolished over the decades although Buildings 1 and 2 have been in place since 1950 (ibid). The subject property (particularly Building 1) fits within a context of mid-century modern municipal industrial development, however it is not associated with important events related to the founding and/or development of the industry. It is therefore not eligible for the California Register or as a City Landmark under Criterion 1. Criterion 2: Building permits from the City show that J.H. Davies was the Architect/Engineer for Buildings 1 and 2. Mr. Davies was a local engineer of some note. He was employed as a structural and construction engineer for the City of Long Beach, and was in charge of local emergency relief after the 1933 earthquake. He started the firm J.H. Davies and Associates in 1933 which he operated until his death in 1953 at age 51. The firm had 65 employees in 1953 (Long Beach Independent October 28, 1953 p. 24). Mr. Davies' firm designed many local structures, however he is not recognized as a significant person in the founding or advancement of mid-century modern municipal development, and the subject property does not illustrate any important achievements. Therefore the subject property and its buildings are not associated with the lives of persons important in California's [or the City's] past. Criterion 3: Building 1 does exhibit limited elements of mid-century industrial design (flat roof and awning, large windows, use of industrial materials such as concrete and steel), but is not particularly distinctive from buildings designed after that era. It does not represent the work of an important creative individual or possess high artistic values. Building 2 and the rest of the subject property were constructed for utilitarian purposes with no recognizable design. Therefore, the subject property and its constituent buildings are not eligible under Criterion 3. Criterion 4: The subject property has not and is not likely to yield information important in prehistory or history and are therefore not eligible for listing under Criterion 4. The subject property and its historic-age buildings are therefore recommended not eligible under any of the four criteria for listing on the California Register, and as such are not recommended historical resources under CEQA.

(Sketch Map with north arrow required.)

Integrity. As the buildings remain in their original positions and are still in use in the City Yard, they retain integrity of location, setting, and association. Alterations have minimally diminished integrity of design, materials, workmanship, and feeling.

Theme: Mid-Century Modern Municipal Indust. Development, **Area:** Long Beach

Period of Significance: 1950s **Property Type:** Municipal/Industrial

Applicable Criteria: N/A B11. Additional Resource Attributes N/A

***B12. References:** USDA. 1980. Aerial Photos of Los Angeles County. Electronic Document: historicaerials.com. Accessed 7/28/18.

City of Long Beach. 1950, 1985, 1995. City Building Permits. On File, Long Beach.

***B14. Evaluators:** David Brunzell, BCR Consulting, Claremont, California

***Date of Evaluation** 07/31/2018

CONTINUATION SHEET

Building 2 Overview (View South)

APPENDIX B

PALEONTOLOGICAL RESOURCES ASSESSMENT

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213-763-3466
nhm.org
Vertebrate Paleontology Section
Telephone: (213) 763-3325

e-mail: smcleod@nhm.org

25 July 2018

BCR Consulting
505 West 8th Street
Claremont, CA 91711

Attn: Joseph Orozco, Staff Archaeologist

re: Paleontological resources for the Vertebrate Paleontology Records Search for the proposed San Francisco Avenue and West 16th Street Project, in the City of Long Beach, Los Angeles County, project area

Dear Joseph:

I have conducted a thorough check of our paleontology collection records for the locality and specimen data for the proposed San Francisco Avenue and West 16th Street Project, in the City of Long Beach, Los Angeles County, project area as outlined on the portion of the Long Beach USGS topographic quadrangle map that you sent to me via e-mail on 11 July 2018. We do not have any vertebrate fossil localities that lie directly within the proposed project area boundaries, but we do have localities nearby from sedimentary deposits that occur subsurface in the proposed project area.

Surface deposits in the entire proposed project area consist of younger Quaternary Alluvium, derived as overbank deposits from the Los Angeles River that currently flows in a concrete channel adjacent to the west. These deposits typically do not contain significant vertebrate fossils in the uppermost layers, but in this vicinity there are older Quaternary deposits at relatively shallow depth that are known to be fossiliferous. Our closest vertebrate fossil locality from older Quaternary deposits is LACM 1144, just southeast of the proposed project area near the intersection of Loma Vista Drive and Crystal Court, that produced fossil specimens of sea lion, *Zalophus*, camel, *Camelops*, and bison, *Bison*, from a depth of less than 48 feet below the surface. Farther to the south-southeast, near the intersection of Magnolia Avenue and Ocean Boulevard, our older Quaternary locality LACM 6896 produced a specimen of fossil whale, Cetacea, from pile driving activities at a depth of less than 100 feet.

Shallow excavations in the younger Quaternary Alluvium found at the surface throughout the proposed project area probably will not uncover any significant vertebrate fossils. Deeper excavations in the those areas that extend down into older Quaternary deposits, however, may well encounter significant vertebrate fossils. Any substantial excavations below the uppermost layers in the proposed project area, therefore, should be monitored closely to quickly and professionally recover any fossil remains discovered. Also, sediment samples from the finer-grained deposits should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

Samuel A. McLeod

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice

APPENDIX C

NATIVE AMERICAN HERITAGE COMMISSION CORRESPONDENCE

STATE OF CALIFORNIA Edmund G. Brown, Jr., Governor

NATIVE AMERICAN HERITAGE COMMISSION
Environmental and Cultural Department
1550 Harbor Blvd., ROOM 100
West SACRAMENTO, CA 95691
(916) 373-3710
Fax (916) 373-5471

July 25, 2018

Joseph Orozco

BCR Consulting

Sent by Email: josephorozco513@gmail.com

Re: BCVW Pipeline Project, Riverside County

Dear Mr. Orozco,

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not preclude the presence of cultural resources in any project area. Other sources for cultural resources should also be contacted for information regarding known and/or recorded sites.

Enclosed is a list of Native Americans tribes who may have knowledge of cultural resources in the project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these tribes, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at 916-573-1033 or frank.lienert@nahc.ca.gov.

Sincerely,

Frank Lienert
Associate Governmental Program Analyst

Native American Heritage Commission
Native American Contacts
July 25, 2018

Cabazon Band of Mission Indians
Doug Welmas, Chairperson
84-245 Indio Springs Parkway Cahuilla
Indio , CA 92203
(760) 342-2593

(760) 347-7880 Fax

Los Coyotes Band of Cahuilla and Cupeno Indians
Shane Chapparosa, Chairman
P.O. Box 189 Cahuilla
Warner Springs , CA 92086-01
Chapparosa@msn.com
(760) 782-0711

(760) 782-0712 Fax

Pala Band of Mission Indians
Shasta Gaughen, PhD, THPO
PMB 50, 35008 Pala Temecula Rd. Luiseno
Pala , CA 92059 Cupeno
sgaughen@palatribe.com
(760) 891-3515

(760) 742-3189 Fax

Pauma Band of Luiseno Indians
Temet Aguilar, Chairperson
P.O. Box 369 Luiseno
Pauma Valley , CA 92061
(760) 742-1289, Ext. 303

(760) 742-3422 Fax

Ramona Band of Cahuilla
Joseph Hamilton, Chairman
P.O. Box 391670 Cahuilla
Anza , CA 92539
admin@ramonatribe.com
(951) 763-4105

(951) 763-4325 Fax

Twenty-Nine Palms Band of Mission Indians
Darrell Mike, Chairperson
46-200 Harrison Place Chemehuevi
Coachella , CA 92236
29chairman@29palmsbomi-nsn.gov
(760) 863-2444

(760) 863-2449 Fax

Chemehuevi Indian Tribe
Charles F. Wood, Chairperson
P.O. Box 1976 Chemehuevi
Havasu Lake , CA 92363
chairman@cit-nsn.gov
(760) 858-4219

(760) 858-5400 Fax

Fort Mojave Indian Tribe
Timothy Williams, Chairperson
500 Merriman Ave Mojave
Needles , CA 92363
(760) 629-4591

(760) 629-5767 Fax

Juaneno Band of Mission Indians Acjachemen Nation
Matias Belardes, Chairperson
32161 Avenida Los Amigos Juaneno
San Juan Capistrano , CA 92675
kaamalam@gmail.com
(949) 444-4340 (Cell)

Colorado River Indian Tribes of the Colorado River Indian Reservation
Dennis Patch, Chairman
26600 Mojave Road Mojave
Parker , AZ 85344 Chemehuevi
crit.museum@yahoo.com
(928) 669-9211 Tribal Office
(928) 669-8970 ext 21
(928) 669-1925 Fax

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed
BCVW Pipeline Project, Riverside County

Native American Heritage Commission
Native American Contacts
July 25, 2018

Quechan Tribe of the Fort Yuma Indian Reservation
Michael Jackson, Sr., President
P.O.Box 1899 Quechan
Yuma , AZ 85366
aitpres@quechantribe.com
(760) 572-0213

(760) 572-2102 Fax

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693 Gabrielino Tongva
San Gabriel , CA 91778
GTTribalcouncil@aol.com
(626) 483-3564 Cell

(626) 286-1262 Fax

Santa Rosa Band of Cahuilla Indians
Steven Estrada, Chairman
P.O. Box 391820 Cahuilla
Anza , CA 92539
(951) 659-2700

(951) 659-2228 Fax

Augustine Band of Cahuilla Indians
Amanda Vance, Chairperson
P.O. Box 846 Cahuilla
Coachella , CA 92236
(760) 398-4722
(760) 369-7161Fax

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231 Gabrielino Tongva
Los Angeles , CA 90012
sgoad@gabrielino-tongva.com
(951) 807-0479

Juaneno Band of Mission Indians Acjachemen Nation
Teresa Romero, Chairwoman
31411-A La Matanza Street Juaneno
San Juan Capistrano , CA 92675
tromero@juaneno.com
(949) 488-3484
(530) 354-5876 Cell
(949) 488-3294 Fax

San Manuel Band of Mission Indians
Lee Clauss, Director-CRM Dept.
26569 Community Center Drive Serrano
Highland , CA 92346
lclauss@sanmanuel-nsn.gov
(909) 864-8933

(909) 864-3370 Fax

Rincon Band of Luiseño Indians
Bo Mazzetti, Chairperson
1 West Tribal Road Luiseno
Valley Center , CA 92082
bomazzetti@aol.com
(760) 749-1051

(760) 749-5144

San Luis Rey Band of Mission Indians
Tribal Council
1889 Sunset Drive Luiseno
Vista , CA 92081
cjmojado@slrmissionindians.org
(760) 724-8505

(760) 724-2172 Fax

Agua Caliente Band of Cahuilla Indians
Jeff Grubbe, Chairperson
5401 Dinah Shore Drive Cahuilla
Palm Springs , CA 92264
(760) 699-6800

(760) 699-6919 Fax

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed
BCVW Pipeline Project, Riverside County

Native American Heritage Commission
Native American Contacts
July 25, 2018

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road Cahuilla
Banning , CA 92220 Serrano
(951) 849-8807
(951) 755-5200
(951) 922-8146 Fax

Juaneño Band of Mission Indians
Sonia Johnston, Tribal Chairperson
P.O. Box 25628 Juaneno
Santa Ana , CA 92799
sonia.johnston@sbcglobal.net

Pechanga Band of Luiseño Indians
Mark Macarro, Chairman
P.O. Box 1477 Luiseno
Temecula , CA 92593
epreston@pechanga-nsn.gov
(951) 770-6000

(951) 695-1778 Fax

Cahuilla Band of Indians
Daniel Salgado, Chairperson
52701 U. S. Highway 371 Cahuilla
Anza , CA 92539
Chairman@cahuilla.net
(951) 763-5549
(951) 763-2808

La Jolla Band of Luiseno Indians
Thomas Rodriguez, Chairperson
22000 Highway 76 Luiseno
Pauma Valley , CA 92061
(760) 742-3771

(760) 742-3779 Fax

Juaneno Band of Mission Indians Acjachemen Nation
Joyce Perry, Tribal Manager
4955 Paseo Segovia Juaneno
Irvine , CA 92612
kaamalam@gmail.com
(949) 293-8522

Serrano Nation of Mission Indians
Goldie Walker, Chairperson
P.O. Box 343 Serrano
Patton , CA 92369

(909) 528-9027
(909) 528-9032

Soboba Band of Luiseno Indians
Joseph Ontiveros, Cultural Resource Department
P.O. BOX 487 Luiseno
San Jacinto , CA 92581 Cahuilla
jontiveros@soboba-nsn.gov
(951) 663-5279
(951) 654-5544, ext 4137
(951) 654-4198 Fax

Agua Caliente Band of Cahuilla Indians
Patricia Garcia-Plotkin, Director, THPO
5401 Dinah Shore Drive Cahuilla
Palm Springs , CA 92264
ACBCI-THPO@aguacaliente.net
(760) 699-6907
(760) 567-3761 Cell
(760) 699-6924 Fax

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393 Gabrielino
Covina , CA 91723
admin@gabrielenoindians.org
(626) 926-4131

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed
BCVW Pipeline Project, Riverside County

Native American Heritage Commission
Native American Contacts
July 25, 2018

Twenty-Nine Palms Band of Mission Indians
Anthony Madrigal, Jr. THPO
46-200 Harrison Place Chemehuevi
Coachella , CA 92236
amadrigal@29palmsbomi-nsn.
(760) 775-3259
(760) 625-7872 Cell
(760) 863-2449 Fax

Pala Band of Mission Indians
Robert H. Smith, Chairperson
12196 Pala Mission Road Luiseno
Pala , CA 92059 Cupeno
rsmith@palatribe.com
(760) 891-3500

(760) 742-3189 Fax

Torres-Martinez Desert Cahuilla Indians
Michael Mirelez, Cultural Resource Coordinator
P.O. Box 1160 Cahuilla
Thermal , CA 92274
mmirelez@tmdci.org
(760) 399-0022, Ext. 1213

(760) 397-8146 Fax

San Manuel Band of Mission Indians
Lynn Valbuena
26569 Community Center Dr. Serrano
Highland , CA 92346
(909) 864-8933

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native American Tribes with regard to cultural resources assessments for the proposed
BCVW Pipeline Project, Riverside County

Appendix D

Geotechnical Engineering Report

GEOTECHNICAL
PROFESSIONALS INC.

GEOTECHNICAL INVESTIGATION
PROPOSED INDUSTRIAL DEVELOPMENT
LONG BEACH SERVICE YARD
NWC ANAHEIM STREET AND
SAN FRANCISCO AVENUE
LONG BEACH, CALIFORNIA

Prepared for:
Alere Property Group LLC
100 Bayview Circle, Suite 310
Newport Beach, California 92660

Prepared by:
Geotechnical Professionals Inc.
5736 Corporate Avenue
Cypress, California 90630
(714) 220-2211

Project No. 2348.I

December 20, 2010

GEOTECHNICAL
PROFESSIONALS INC.

December 20, 2010

Alere Property Group LLC
100 Bayview Circle, Suite 310
Newport Beach, California 92660

Attention: Mr. Clark Neuhoff

Subject: Report of Geotechnical Investigation
Proposed Industrial Development
Long Beach Service Yard
NWC Anaheim Street and San Francisco Avenue
Long Beach, California
GPI Project No. 2348.I

Dear Mr. Neuhoff:

Transmitted herewith are six copies of our report of geotechnical investigation for the subject project. The report presents our evaluation of the foundation conditions at the site and recommendations for design and construction.

We appreciate the opportunity of offering our services on this project and look forward to seeing the project through its successful completion. Feel free to call us if you have any questions regarding our report or need further assistance.

Very truly yours,
Geotechnical Professionals Inc.

REGISTERED PROFESSIONAL ENGINEER
JAMES E. HARRIS, IV
No. GE 2100
Exp. 12-31-11
GEOTECHNICAL
STATE OF CALIFORNIA

James E. Harris, G.E.
Principal

JEH:sph

5736 Corporate Avenue • Cypress, CA 90630 • (714) 220-2211 , FAX (714) 220-2122

TABLE OF CONTENTS

	PAGE
1.0 INTRODUCTION	1
1.1 GENERAL	1
1.2 PROJECT DESCRIPTION	1
1.3 PURPOSE OF INVESTIGATION	1
2.0 SCOPE OF WORK	2
3.0 SITE CONDITIONS	3
3.1 SURFACE CONDITIONS	3
3.2 SUBSURFACE SOILS	3
3.3 GROUNDWATER AND CAVING	4
4.0 CONCLUSIONS AND RECOMMENDATIONS	5
4.1 GENERAL	5
4.2 SEISMIC CONSIDERATIONS	6
4.2.1 General	6
4.2.2 Strong Ground Motion Potential	6
4.2.3 Potential for Ground Rupture	7
4.2.4 Liquefaction	7
4.2.5 Seismic Ground Subsidence	8
4.3 MITIGATION OF SETTLMENT	8
4.3.1 Impacts of Raising Grade	8
4.3.2 Surcharging	9
4.3.3 Monitoring Settlements	9
4.4 EARTHWORK	9
4.4.1 Clearing and Grubbing	9
4.4.2 Excavations	10
4.4.3 Subgrade Preparation	11
4.4.4 Material for Fill	11
4.4.5 Placement and Compaction of Fills	12
4.4.6 Shrinkage and Subsidence	12
4.4.7 Trench/Wall Backfill	13
4.4.8 Observation and Testing	13
4.5 SLOPES	13
4.6 FOUNDATIONS	14
4.6.1 Foundation Type	14
4.6.2 Allowable Bearing Pressures	14
4.6.3 Minimum Footing Widths and Embedments	15
4.6.4 Estimated Settlements	15
4.6.5 Lateral Load Resistance	15
4.6.6 Foundation Concrete	16
4.6.7 Footing Excavation Observation	16
4.7 BUILDING FLOOR SLABS	16
4.8 LATERAL EARTH PRESSURES	17
4.9 CORROSIVITY	17
4.10 DRAINAGE	17
4.11 EXTERIOR CONCRETE AND MASONRY FLATWORK	18
4.12 PAVED AREAS	18
5.0 LIMITATIONS	20

REFERENCES

APPENDICES
- A CONE PENETRATION TESTS
- B EXPLORATORY BORINGS
- C LABORATORY TEST RESULTS

LIST OF FIGURES

FIGURE NO.

1	Site Location Map
2A & 2B	Site Plan

APPENDIX A

A-1	Cone Penetrometer Diagram
A-2 to A-11	Logs of Cone Penetration Tests

APPENDIX B

B-1 to B-13	Logs of Borings

APPENDIX C

C-1	Atterberg Limits Test Results
C-2 to C-4	Direct Shear Test Results
C-5 to C-8	Consolidation Test Results
Table 1	Corrosivity Test Results

1.0 INTRODUCTION

1.1 GENERAL

This report presents the results of a geotechnical investigation performed by Geotechnical Professionals Inc. (GPI) for the proposed industrial development at the northwest corner of West Anaheim Street and San Francisco in Long Beach, California. The site location is shown on the Site Location Map, Figure 1.

The scope of services was performed in accordance with our agreement dated October 21, 2010.

1.2 PROJECT DESCRIPTION

The proposed development will consist of three new 1-story industrial buildings. The footprints of the buildings will range in footprint from approximately 46,900 to 113,700 square feet. In general, the buildings are planned to be located in the eastern portion of the site along San Francisco Avenue.

HSA & Associates, the project structural engineer, indicated the buildings will be constructed of tilt-up walls with slab-on-grade floors. They anticipate maximum column and wall loads on the order of 100 kips and 6 kips per lineal foot, respectively. Floor slab loads are expected to be less than 500 psf. Parking and truck yards are planned along the western portion of the site adjacent to the levee of the Los Angeles River.

Our recommendations are based upon the above structural and grading information. We should be notified if the actual loads and/or grades change during the project design to either confirm or modify our recommendations.

Prior to developing the site as described above, the existing buildings will be demolished and the site will be graded and paved to be used as a temporary storage area for container trailers from the nearby ports. Current plans are for the site to be used as a temporary container storage area for a period of 5 to 10 years.

1.3 PURPOSE OF INVESTIGATION

The primary purpose of this investigation and report is to provide an evaluation of the existing geotechnical conditions at the site as they relate to the design and construction of the proposed development. More specifically, this investigation was aimed at providing geotechnical recommendations for earthwork, and design of foundations and pavements.

2.0 SCOPE OF WORK

Our scope of work for this investigation consisted of review of existing information, field exploration, laboratory testing, engineering analysis, and the preparation of this report.

The field exploration consisted of ten Cone Penetration Tests (CPT's) and thirteen exploratory borings during the present investigation. The locations of the subsurface explorations are shown on the Site Plan, Figure 2.

The CPT's were advanced to depths ranging from 20 to 50 feet below existing site grades. Detailed logs of the CPT's and a summary of the equipment used are presented in Appendix A. The exploratory borings were drilled using 8-inch diameter truck-mounted hollow-stem auger drilling equipment to depths ranging from 10 to 50 feet below existing site grades. Details of the drilling and Logs of Borings are presented in Appendix B.

Laboratory soil tests were performed on selected representative samples as an aid in soil classification and to evaluate the engineering properties of the soils. The geotechnical laboratory testing program included determinations of moisture content and dry density, Atterberg limits, percent fines (percentage passing the No. 200 sieve), compressibility (consolidation), shear strength (direct shear), compaction, soil corrosivity, and R-value. Laboratory testing procedures and results are summarized in Appendix C.

R-value testing was performed by GeoLogic Associates. Soil corrosivity testing was performed by Schiff Associates. This work was performed under subcontract to GPI. Their test results are presented in Appendix C.

In 2008, GPI performed a previous geotechnical investigation (Reference 1) at the project site. We performed eighteen borings and three CPTs within the current project site. The data from these subsurface explorations were used to help determine depths of undocumented fills for the current investigation.

Engineering evaluations were performed to provide earthwork criteria, foundation and slab design parameters, preliminary pavement sections and assessments of seismic hazards. The results of our evaluations are presented in the remainder of the report.

3.0 SITE CONDITIONS

3.1 SURFACE CONDITIONS

The site is approximately 12 acres and portions are currently occupied by the Public Service Yard for the City of Long Beach. The service yard includes several single story buildings, paved asphalt concrete parking, drives and storage yards. The site is bounded on the south by West Anaheim Street, on the east by San Francisco Avenue, on the north by other light industrial development, and on the west by the levee to the Los Angeles River.

In general, the site is relatively flat with a very slight slope towards the east from the base of the levee towards San Francisco Avenue. The elevation changes from approximately +7½ to +8½ feet near the base of the levee to approximately +6 to +6½ feet at San Francisco Avenue. There is a raised area in the center of the site near the levee from approximately 14th Street to 15th Street. We understand the raised area has resulted due to placement of past earthquake debris within soil. The grade in this area ranges from Elevation +10 to +12½ feet. The top of the levee ranges from approximately Elevation +24 feet to +25 feet.

3.2 SUBSURFACE SOILS

Our field investigation disclosed a subsurface profile consisting of undocumented fill soils overlying natural soils. Detailed descriptions of the subsurface conditions encountered in our explorations are provided in Appendix A and B. A brief summary of the subsurface conditions is provided below.

The fill soils extended to a depth of approximately 2 to 12 feet below existing grades within our exploratory borings. The undocumented fill soils consist of clays, silts, and sands with variable stratification throughout the site. The fill soils include an area with inert construction materials, reportedly, earthquake debris. Within the earthquake debris, we observed brick, concrete, asphalt, metal, ceramic, and glass. In general, the debris constituted less than 10 percent of the fill by volume. The general location of the earthquake debris fill is located between 14th and 15th Street in an area of raised grades. In borings with soils containing no debris, the depth of undocumented fill varied from approximately 2 to 4 feet below existing grades. The fill soils exhibit high compressibility and low strength characteristics.

The underlying natural soils consist predominantly of soft to very stiff sandy silts, clayey silts, and silty clays with interbedded layers of sand and silty sands. In general, the silts and clays in the upper 30 feet are soft to firm. The moisture content of the natural soils ranged from very moist to wet. Laboratory testing indicates these soils to be normally consolidated to slightly overconsolidated. The natural soils exhibit moderate to high compressibility and low to moderate strength characteristics.

3.3 GROUNDWATER AND CAVING

Groundwater was encountered in our explorations to depths of approximately 12 to 16 feet below the existing site grades. Historical data indicates that the groundwater in the vicinity of the site has been as shallow as 10 feet below the existing ground surface (Reference 2).

Caving was not encountered during drilling, although the work was done using relatively small diameter (8-inch) hollow-stem augers. Sandy soils can be expected to cave below the groundwater.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 GENERAL

Based on the results of our investigation, it is our opinion that from a geotechnical viewpoint it is feasible to develop the site as proposed. The proposed structures can be supported on shallow foundations with remedial grading to mitigate the geotechnical constraints discussed below. The most significant geotechnical issues that will affect the design and construction of the proposed structure are as follows:

- The site soil profile includes compressible soils underlying the undocumented fill. Raising grades at the site and structural loads have the potential to cause significant settlement of the underlying compressible soils.

- Where the placement of fills results in higher grades is planned, they should be placed as early as possible to allow the areal settlement to occur prior to further site construction.

- Surcharge fills, on the order of 5 to 6 feet above finish grades, would be required to reduce total and differential static settlement to an acceptable level for the proposed buildings to be supported on shallow foundations. We anticipate the surcharge loading will need to be left over the building pads for a period of 3 to 4 months.

- Removal and replacement of all undocumented fills and the upper 7 feet of the existing soil profile will be required to provide uniform support under the proposed building. As a minimum, compacted soils should extend at least 5 feet below the bottom of the footings.

- Deeper removals may be required within building footprints to remove the undocumented fill in areas of the earthquake debris soils. These deeper removals may be required to depths of up to 10 to 12 feet below existing grades.

- The upper 12 inches of the building pad should consist of non-expansive granular soils to provide adequate support for slabs subject to forklift traffic and to help mitigate potential stresses due to expansive soils.

- In proposed pavement and hardscape areas for industrial development, removals should extend a minimum of 3 feet or half the depth of undocumented fills with earthquake debris, which ever is greater, to lessen the potential for long-term maintenance of the pavements. It should be noted that there will continue to be a potential for settlement of the pavements unless all fills are removed.

- Excavations extending to the recommended removal depths are expected to encounter wet soil conditions. Rubber-tire equipment will cause "pumping" and disturbance of the subgrade soils. Excavation bottoms will need to be stabilized for support of heavy equipment and before fills can be placed and compacted.

- Moisture contents of the upper materials encountered were moist to wet within the anticipated depth of removals. Soil drying or replacement with drier soils prior to recompaction of the site soils will likely be required. Lime or cement treatment to dry the on-site soils could be considered for the clayey soils or if grading occurs during the winter months.

- Foundation concrete should conform to the requirements outlined in ACI 318, Section 4.3 for moderate levels of soluble sulfate exposure from the on-site soils.

- Resistivity testing of the on-site soils indicates that they are severely corrosive to ferrous metals.

Our recommendations related to the geotechnical aspects of the development of the site are presented in the subsequent sections of this report.

4.2 SEISMIC CONSIDERATIONS

4.2.1 General

The site is located in a seismically active area typical of Southern California and is likely to be subjected to strong ground shaking due to earthquakes on nearby faults.

We assume the seismic design of the proposed development will be in accordance with 2007 CBC criteria. For the 2007 CBC, a Site Class D may be used. The remaining seismic code values can be determined by the Project Structural Engineer using the value above and the pertinent internet websites and tables from the building code (Reference 3 for Ss, S1, SD, and SM values).

The actual method of seismic design should be determined by the Project Structural Engineer.

4.2.2 Strong Ground Motion Potential

Based on published information (Reference 4), the most significant fault in the proximity of the site is the Newport Inglewood Fault, which is located approximately 3½ kilometers from the site.

During the life of the project, the site will likely be subject to strong ground motions due to earthquakes on nearby faults. Based on the USGS website (Reference 3), we computed that the site could be subject to a peak ground acceleration of 0.42g. This acceleration has been computed using 40 percent of the short period design spectral acceleration, S_{DS}, for the project. The structural design of the facility will need to incorporate measures to mitigate the effects of strong ground motion.

4.2.3 Potential for Ground Rupture

There are no known active faults crossing or projecting through the site. The site is not located in an Alquist-Priolo special studies zone. Therefore, ground rupture due to faulting is considered unlikely at this site.

4.2.4 Liquefaction

Soil liquefaction is a phenomenon in which saturated cohesionless soils undergo a temporary loss of strength during severe ground shaking and acquire a degree of mobility sufficient to permit ground deformation. In extreme cases, the soil particles can become suspended in groundwater, resulting in the soil deposit becoming mobile and fluid-like. Liquefaction is generally considered to occur primarily in loose to medium dense deposits of saturated soils. Thus, three conditions are required for liquefaction to occur: (1) a cohesionless soil of loose to medium density; (2) a saturated condition; and (3) rapid large strain, cyclic loading, normally provided by earthquake motions.

The site is located within an area shown as having a potential for soil liquefaction, in accordance with the Seismic Hazards Mapping Act. Specifically, the site is mapped within the Seismic Hazards Zone, Long Beach Quadrangle (Reference 5).

Recent revisions to the California Building Code and Special Publication 117A (Reference 6) requires that the ground motion used for this evaluation be based on a peak ground acceleration computed using 40 percent of S_{DS} (the 5 percent damped design spectral acceleration at short periods) or a site specific response spectra. In accordance with the 2007 CBC, we considered a ground acceleration of 0.42g for a magnitude 7.0 earthquake (Newport Inglewood Fault) for our analyses, which corresponds to 40 percent of the 5 percent damped design spectral acceleration at short periods, S_{DS} (Reference 3).

The potential for liquefaction was evaluated using the methods presented in Seed and DeAlba (Reference 7), Youd and Idriss (Reference 8), and modifications provided in Special Publication 117A.

To evaluate the potential for liquefaction at the site, we considered current and historic groundwater levels, and any increase in the potential for liquefaction in the event groundwater elevations were to rise closer to the ground surface. We used a groundwater depth of 10 feet for our evaluation.

Based on our findings, the potential for liquefaction to adversely impact the planned development is considered to be moderate. In the event of the design earthquake, the total dynamic settlement of the ground surface is expected to be on the order of 1-inch. Differential settlement across 40 feet could be on the order of ½-inch. The depths and thicknesses of the liquefiable soil layers make foundation bearing failure unlikely in the event of liquefaction

4.2.5 Seismic Ground Subsidence

Seismic ground subsidence, not related to liquefaction, occurs when loose, sandy soils (above the groundwater) are densified during strong earthquake shaking. Seismic settlement is not expected to occur within the minimal amount of sandy soils above the groundwater at the site.

4.3 MITIGATION OF SETTLEMENT

The site soil profile includes compressible soils underlying the undocumented fill in the upper 7 to 40 feet below existing grades. Raising grades at the site and expected foundation loads have the potential to cause significant settlement due to compression of the soils underlying the site.

The potential settlement of industrial warehouse buildings under both static and earthquake conditions can be mitigated by surcharging or using piles for structural support. Piles can be used to reduce the settlement of the building foundations to less than ½-inch total settlement due to static and seismic sources. Piles would need to be installed to a sufficient depth to resist both static loads and downdrag loads associated with liquefaction.

The most economical alternative to reduce settlement of the structures to an acceptable level appears to be surcharging prior constructing the buildings. Surcharging is not expected to significantly reduce settlement due to liquefaction should it occur.

4.3.1 Impacts of Raising Grade

number

The placement of new fill above the existing grades will cause significant settlement of the compressible materials. We anticipate the placement of new fill above the existing grade will cause about ¾- to 1-inch of settlement for every 1-foot of fill placed. Due to the significant amount of interbedded sand lenses within the compressible clay layers, the settlement will occur over a relatively short period ranging from approximately 3 to 4 months. In areas where the settlement will impact structures or utilities, we recommend the site grades not be raised by more than 1-foot, if possible. Where fill placement resulting in higher grades is planned, it should be placed as early as possible to allow the areal settlement to occur prior to further site construction.

Fills greater than 2 feet should be left in place for at least 4 months prior to beginning nearby construction and monitored by GPI using settlement monuments.

4.3.2 Surcharging

Surcharging is considered to be a feasible ground improvement method to reduce the anticipated magnitude of settlements from loads from the building foundations. The concept of surcharging is to impose a load across an area using an earth embankment to consolidate the underlying silts and clays. Consolidation of the clays is a relatively long process but the interbedded sand lenses observed in our explorations act to accelerate the process at the site.

We anticipate a surcharge embankment on the order of 5 to 6 feet (above finish grade) would be required to reduce total and differential static settlement to an acceptable level for the proposed structures to be supported on shallow foundations and based on maximum floor loads of less than 500 psf. We anticipate the surcharge will need to be left in-place over the building pads for a period of 3 to 4 months. The surcharging may be performed incrementally over partial areas of the building pads. The surcharging may be performed either prior to or after the recommended pad grading for the buildings is complete.

If floor slabs are designed for loads greater than 500 psf, the thickness of the surcharge fills will need to be increased depending on the design floor slab loads.

4.3.3 Monitoring Settlements

Settlement monuments and periodic survey readings will be required to monitor the progress of the settlement and determine when structures overlying or adjacent to the raised grades or surcharge fill may be constructed without detrimental settlement. We will provide more detailed recommendations once a final grading plan, construction schedule, and work sequence has been provided.

4.4 EARTHWORK

The earthwork anticipated at the project site will consist of clearing and grubbing, excavation of undocumented fill soils and a portion of low-density natural soils, subgrade preparation, and the placement and compaction of fill.

4.4.1 Clearing and Grubbing

Prior to grading, the areas to be developed should be stripped of any vegetation and cleared of all debris and pavements. All buried obstructions, such as footings, utilities and tree roots, located within the proposed building area should be removed. All deleterious materials generated during the clearing operations should be removed from the site. The organic material observed on the southern portion of the site should be removed from the building areas.

Although not encountered during our investigation, any cesspools or septic systems encountered during construction should be removed in their entirety. The resulting excavation should be backfilled as recommended in the "Subgrade Preparation" and "Placement and Compaction of Fill" sections of this report. As an alternative, cesspools can be cleaned of any contents and backfilled with a lean sand-cement slurry.

4.4.2 Excavations

Excavations at the site will include removal of undocumented fill soils and a portion of low-density natural soils, footing excavations, and trenching for utility lines.

Prior to placement of fills or construction of buildings, undocumented fill and a portion of the low-density/compressible soils within the new building pads (including the building, canopies, and loading dock retaining walls) should be removed and replaced as properly compacted fill. These materials require densification to provide adequate support of foundations and slab-on-grade floors. For bidding/planning purposes, we recommend removal and replacement of the upper 7 feet of the existing soil profile to provide uniform support under the proposed buildings. As a minimum, compacted soils should extend at least 5 feet below the bottom of the footings. In addition, deeper removals will be required within building footprints over the areas of the earthquake debris fill, which extend below the above recommended removals. These deeper removals may be required to depths of up to 10 to 12 feet below existing grades.

In proposed pavement and hardscape areas for the industrial development, removals should extend a minimum of 3 feet or half the depth of undocumented fills containing earthquake debris, which ever is greater, to help reduce the potential for settlement of the pavements. Removals in the areas for the temporary container storage pavements should extend a minimum of 1½ feet below the proposed subgrade. Due to the variable nature of the fills containing the earthquake debris, removals and replacement of the fills would be required to eliminate the potential for settlement of the pavements. The potential for settlement of the temporary pavements due to loading by the container trailers would be reduced by performing the same removals recommended for the long-term pavements associated with the proposed buildings.

The actual depths of removal will need to be determined during grading in the field by the Geotechnical Engineer.

The base of removals should extend laterally beyond the building lines a minimum distance equal to the depth of overexcavation/compaction below finish grade (i.e., a 1:1 projection below the outside edge of footings), but not less than a distance of 5 feet. Building lines include loading dock walls, canopies, or other foundation supported improvements.

Where not removed by the aforementioned excavations, existing utility trench backfill occurring within the building pad should be removed and replaced as properly compacted fill. This is especially important for deeper fills associated with existing sewers and storm drains. For planning purposes, removals over the utilities should extend to within 1 foot of the top of the pipe. For utilities that are 5 feet or shallower, the removal should extend laterally 1 foot beyond both sides of the pipe. For deeper utilities, the removals should include a zone defined by a 1:1 projection upward (and away from the pipe) from each side of the pipe. The actual limits of removal will be confirmed in the field. We recommend that all known utilities be shown on the grading plan.

Temporary construction excavations may be made vertically without shoring to a depth of 5 feet below adjacent grade. For deeper cuts up to 10 feet, the slopes should be properly

shored or sloped back at least 1:1 (horizontal to vertical) or flatter. The temporary slope inclination refers from the toe to the top of the temporary cut. The exposed slope face should be kept moist (but not saturated) during construction to reduce local sloughing. No surcharge loads should be permitted within a horizontal distance equal to the height of cut from the top of the excavation or 5 feet from the top of the slopes, whichever is greater, unless the cut is properly shored. Excavations that extend below an imaginary plane, inclined at 45 degrees below the edge of adjacent existing site facilities, should be properly shored to maintain support of adjacent elements. All excavations and shoring systems should meet the minimum requirements given in the most current State of California Occupational Safety and Health Standards.

4.4.3 Subgrade Preparation

After the recommended removals are performed and prior to placing fills or construction of the proposed improvements, the exposed subgrade soils in building and parking areas should be scarified to a depth of 8 to 12 inches, moisture-conditioned, and compacted to at least 90 percent of the maximum dry density (ASTM D1557). If the subgrade soils are wet, processing will be waived.

The upper 12 inches of subgrade soils below building floor slabs and the pavement base course should be compacted to at least 95 percent (90 percent for silts and clays) of the maximum dry density (ASTM D1557).

Excavations extending to the recommended removal depths are expected to encounter wet soil conditions. Rubber-tire equipment will cause "pumping" and disturbance of the subgrade soils. An excavator or wide-track-mounted equipment may be required to make the required excavations. Excavation bottoms will need to be stabilized for support of heavy equipment and before fills can be placed and compacted. Preliminary stabilization methods may consist of geotextile and aggregate base or cement treatment.

4.4.4 Material for Fill

The on-site soils are, in general, suitable for use as compacted fill under the buildings and pavements. Granular (sandy) soils should be used in the upper 12 inches of the building pads. Clays should not be used in the upper 12 inches of floor slab or flat-work subgrade or as retaining wall backfill.

Provided it is acceptable to the reviewing governmental agencies and owner, crushed, inert demolition debris derived from the undocumented fill, existing pavements and building, may be used in fills with the following processing requirements:

- If the inert debris is crushed to a well graded mixture with maximum particle size of 1½ inches, the crushed material may be used directly in the fill without further blending.

- Inert debris up to a maximum size of 12 inches may also be used in fills, provided it is thoroughly blended with enough soils to form a well-graded mixture (typically a 3:1 soil to debris ratio).

Imported fill material should be predominately granular, non-expansive, and contain no more than 40 percent fines (portion passing No. 200 sieve). The import should also exhibit an R-value of at least 15, if used in pavement areas. GPI should be provided with a sample (at least 50 pounds) and notified of the location of any soils proposed for import at least 72 hours in advance. Each proposed import source should be sampled, tested and accepted for use prior to delivery of the soils to the site. Soils imported prior to acceptance by the Geotechnical Engineer may be rejected if not suitable.

Soils used in compacted fills should be free of debris and should not contain material larger than 6 inches in any dimension.

4.4.5 Placement and Compaction of Fills

All fill soils should be placed in horizontal lifts, moisture-conditioned, and mechanically compacted to at least 90 percent of maximum dry density in accordance with ASTM D-1557. The optimum lift thickness will depend on the compaction equipment used and can best be determined in the field. The following uncompacted lift thickness can be used as preliminary guidelines.

Plate compactors	4-6 inches
Small vibratory or static rollers (5-ton±)	6-8 inches
Scrapers and heavy loaders	8-12 inches

The maximum lift thickness should not be greater than 12 inches and each lift should be thoroughly compacted and accepted prior to placement of subsequent lifts.

In general, moisture contents of the upper materials encountered were very moist to wet within the anticipated depth of removals. The moisture content of the fine-grained, fill materials should be within 2 to 3 percent above the optimum moisture content to readily achieve the required degree of compaction and reduce the potential for expansion of the clayey soils. The moisture content of the sandy soils should be within 1 to 2 percent above the optimum moisture content.

Soil drying or replacement with drier soils prior to recompaction of the site soils will likely be required. Lime treatment to dry the on-site soils can be considered for the clayey soils or if grading occurs during the winter months.

During backfill of excavations, the fill should be properly benched into the construction slopes as it is placed in lifts.

4.4.6 Shrinkage and Subsidence

Shrinkage is the loss of soil volume caused by compaction of fills to a higher density than before grading. Subsidence is the settlement of in-place subgrade soils caused by loads generated by large earthmoving equipment. For earthwork volume estimating purposes, an average shrinkage value of 15 to 20 percent and subsidence of 0.1 to 0.2 foot may be assumed for the surficial soils. It should be realized that the on-site soils exhibit variable

densities, making shrinkage factors difficult to determine. These values are estimates only and exclude losses due to removal of vegetation or debris. Actual shrinkage and subsidence will depend on the types of earthmoving equipment used and should be determined during grading.

4.4.7 Trench/Wall Backfill

Utility trench backfill should be mechanically compacted in lifts. Wall backfill should consist of on-site or imported non-expansive sandy soils. Subcontractors should note the discussion presented previously in the "Compacted Fill" section of this report regarding moisture conditioning and lift thickness. Jetting or flooding of trench or wall backfill materials should not be permitted. The Geotechnical Engineer should observe and test all trench and wall backfills as they are placed.

In backfill areas where mechanical compaction of soil backfill is impractical due to space constraints, sand-cement slurry may be substituted for compacted backfill. The slurry should contain one sack of cement per cubic yard and have a maximum slump of 5 inches. When set, such a mix typically has the consistency of compacted soil.

4.4.8 Observation and Testing

A representative of GPI should observe all excavations, subgrade preparation, and fill placement activities. Sufficient in-place field density tests should be performed during fill placement to evaluate the overall compaction of the soils. Soils that do not meet minimum compaction requirements should be reworked and tested prior to placement of any additional fill.

4.5 SLOPES

A cursory evaluation of the stability of the levee embankment of the Los Angeles River was performed utilizing subsurface information obtained within the project site. Based upon topography from the preliminary grading plans, the slopes of the levee embankment to the west of the project site have an inclination ranging from approximately 3:1 to 4:1 (horizontal:vertical). The height of the embankment above the project site ranges from approximately 10 to 15 feet above the grade within the project site. The levee slopes are protected with rip rap on both sides. Since we could not perform borings in the embankment, we assumed the core of the levee consisted of compacted soils with similar properties of compacted silts and clays from the project site. We assumed the foundation soils consisted of a layer of compacted soils overlying similar native soils as the project site. We did not consider the layer of rip rap protection in our analysis. We considered only the stability of the slopes facing the project site and excluded any analysis of slope stability towards the Los Angeles River.

Gross stability analysis was performed for permanent 2:1 (horizontal:vertical) slopes using the computer program STABL5M and the Modified Bishop Method of analysis. The soil parameters used were based on direct shear testing of undisturbed samples, remolded samples, and estimated strength characteristics of deeper soft clays.

We determined that the levee embankment slopes facing the project site exhibit the minimum generally accepted factors of safety for both gross stability under static and seismic conditions (1.5 and 1.1, respectively). Based upon our cursory analysis, the gross stability under static conditions has a factor of safety on the order of 3 and gross stability under seismic conditions has a factor of safety on the order of 1.5.

The stability analysis has been performed using assumed values for the embankment soils and underlying foundation soils and may not represent actual conditions. If essential structures or facilities are planned along the toe of the levee embankment, explorations within the embankment to obtain actual strength parameters of the levee and foundation soils should be performed for use in slope stability analysis. As an alternative, the Corps of Engineers may be contacted to obtain any recent stability analysis performed for the levees.

Our analysis assumes the water level within the Los Angles River does not reach flood levels for protracted periods of time to allow saturation of embankment soils and hydrostatic forces within the embankment.

4.6 FOUNDATIONS

4.6.1 Foundation Type

The proposed structures may be supported on conventional isolated and/or continuous shallow spread footings, provided the anticipated settlements (including static and seismic sources) are tolerable and the subsurface soils are prepared and surcharged in accordance with the recommendations given in this report. Footings should be supported by properly compacted fill.

4.6.2 Allowable Bearing Pressures

Based on the shear strength and elastic settlement characteristics of the recompacted on-site soils, a static allowable net bearing pressure of up to 2,000 pounds per square foot (psf) may be used for both continuous footings and isolated column footings. These bearing pressures are for dead-plus-live-loads, and may be increased one-third for short-term, transient, wind and seismic loading. The actual bearing pressure used may be less, and can be based on economics and structural loads to determine the minimum width and depth of footings as discussed below. The maximum edge pressures induced by eccentric loading or overturning moments should not be allowed to exceed these recommended values.

4.6.3 Minimum Footing Widths and Embedments

The following minimum footing widths and embedments are recommended for the corresponding allowable bearing pressure.

STATIC BEARING PRESSURE (psf)	MINIMUM FOOTING WIDTH (inches)	MINIMUM FOOTING* EMBEDMENT (inches)
2,000	24	24
1,500	18	18
1,000	15	15

*Refers to minimum depth below lowest adjacent grade.

A minimum footing width of 15 inches should be used even if the actual bearing pressure is less than 1,000 psf.

4.6.4 Estimated Settlements

Maximum total static settlement of the more heavily loaded column footings (assumed 100 kips) and wall footings (assumed 6 kips per lineal foot) is expected to be less than 1-inch. Maximum static differential settlements are expected to be less than ¼- to ⅜-inch between similarly loaded adjacent footings or along a 40-foot span of a continuous footing. These static settlements assume the building footprints have been surcharged in accordance with the recommendations in this report.

The aforementioned static settlements should be combined with the potential seismic-induced settlement caused by liquefaction. The maximum total seismic settlement is expected to on the order of 1-inch during a design seismic event. Maximum differential seismic-induced settlements due to liquefaction are expected to be on the order of ½-inch between similarly loaded adjacent footings or along a 40-foot span of a continuous footing.

The above estimates are based on the assumption that the recommended earthwork will be performed and that the footings will be sized in accordance with our recommendations.

4.6.5 Lateral Load Resistance

Soil resistance to lateral loads will be provided by a combination of frictional resistance between the bottom of footings and underlying soils and by passive soil pressures acting against the embedded sides of the footings. For frictional resistance, a coefficient of friction of 0.35 may be used for design. In addition, an allowable lateral bearing pressure equal to an equivalent fluid weight of 300 pounds per cubic foot may be used, provided the footings are poured tight against compacted fill soils. These values may be used in combination without reduction.

4.6.6 Foundation Concrete

Based on laboratory chemical testing performed by Schiff Associates (Appendix C), the soluble sulfate content is 1390 mg/kg (0.139 percent by weight). For the 2007 CBC, foundation concrete should conform to the requirements outlined in ACI 318, Section 4.3 for moderate levels of soluble sulfate exposure from the on-site soils.

4.6.7 Footing Excavation Observation

Prior to placement of concrete and steel, a representative of GPI should observe and approve all footing excavations.

4.7 BUILDING FLOOR SLABS

Slab-on-grade floors should be supported on a minimum of 1-foot of granular non-expansive (Expansion Index less than 20), compacted soils as discussed in the "Material for Fill" section. The on-site clayey soils should not be placed within 1-foot of the finished grade in the building floor slab areas.

A vapor/moisture retarder should be placed under any slabs that are to be covered with moisture-sensitive floor coverings (parquet, vinyl tile, etc.). Currently, common practice is to use 10-mil polyethylene as a vapor retarder, placed either directly on the subgrade or over a thin layer of sand. Recently, other types of vapor retarders with much lower permeability and higher puncture resistance have become available and should be considered as an alternative. Polyolefin in 10-mil or 15-mil thickness is such a material and could be considered for this project. This material should be covered by a layer of clean sand (less than 5 percent by weight passing the No. 200 sieve) having a minimum thickness of 2 inches. The function of the sand layer is to protect the vapor retarder during construction and to aid in the uniform curing of the concrete. This layer should be nominally compacted using light equipment. The sand placed over the vapor retarder should be only slightly moist. If the sand gets wet (for example, as a result of rainfall) it must be allowed to dry prior to placing concrete.

It should be noted that the material used as a vapor retarder is only one of several factors affecting the prevention of moisture accumulation under floor coverings. Other factors include effective sealing of joints and edges (particularly at pipe penetrations) as well as excess moisture in the concrete. The manufacturer of floor coverings should be consulted for establishing acceptable criteria for the condition of floor surface prior to placing moisture-sensitive floor coverings.

For elastic design of slabs supporting sustained concentrated loads, a modulus of subgrade reaction (k) of 150 pounds per cubic inch (pounds per square inch per inch of deflection) may be used. If a higher value is needed, the slab should be underlain by 6 inches of aggregate base, which will result in a k-value for the composite materials of 200 pci.

A coefficient of friction of 0.35 may be used between the slab and subgrade soils. Where a vapor/moisture retarder (visqueen) is provided, the friction value should be reduced to 0.1.

4.8 LATERAL EARTH PRESSURES

Based on information available to us at the time this report was prepared, no major retaining walls or basements were planned for the site. The following recommendations are provided for walls less than 7 feet in height. We recommend that walls be backfilled with imported non-expansive, granular (sandy) soils.

Active earth pressures can be used for designing walls that can yield at least 1-inch laterally in 10 feet of wall height under the imposed loads. For level backfill comprised of granular soils (no more than 40 percent passing No. 200 U.S. standard sieve), the magnitude of active pressures are equivalent to the pressures imposed by a fluid weighing 35 pounds per cubic foot (pcf). This pressure may also be used for the design of temporary excavation support.

At-rest pressures should be used for restrained walls that remain rigid enough to be essentially non-yielding. At-rest pressures for granular soils are equivalent to the pressures imposed by a fluid weighing 50 pounds per cubic foot.

Walls subject to surcharge loads should be designed for an additional uniform lateral pressure equal to one-third and one-half the anticipated surcharge pressure for unrestrained and restrained walls, respectively. The wall backfill should be well-drained to relieve possible hydrostatic pressure or designed to withstand these pressures. The Structural Engineer should indicate on the plans the type of backfill recommended above. Wall footings should be designed as discussed in the "Foundations" section.

4.9 CORROSIVITY

Resistivity testing (Appendix C) of a representative sample of the on-site soils indicates that they are severely corrosive to ferrous metals. Should the use of buried metal pipe be proposed, a corrosion engineer such as Schiff Associates should be consulted to provide recommendations to protect these elements from corrosion. GPI does not practice corrosion engineering.

4.10 DRAINAGE

Positive surface gradients should be provided adjacent to all structures so as to direct surface water run-off and roof drainage away from foundations and slabs toward suitable discharge facilities. Long-term ponding of surface water should not be allowed on pavements or adjacent to buildings. Any gaps between pavements and the buildings should be filled with a flexible caulking compound.

4.11 EXTERIOR CONCRETE AND MASONRY FLATWORK

Exterior concrete and masonry flatwork should be supported on properly moisture conditioned and compacted fill. Prior to placement of concrete, the subgrade should be prepared as recommended in "Subgrade Preparation". The moisture content of the soils within the upper 1 foot of hardscape and floor slabs should be confirmed immediately prior to placing concrete.

4.12 PAVED AREAS

R-value testing indicates that the subgrade soils have an R-value of 14 (Appendix C). Preliminary pavement design has been based on an R-Value of 15 and the following assumed traffic indices provided to us for the industrial development.

The California Division of Highways Design Method was used for design of the recommended preliminary pavement sections. These recommendations are based on the assumption that the pavement subgrades will consist of on-site materials. Final pavement design should be based on R-value testing performed near the conclusion of rough grading. The following pavement sections are recommended for planning purposes only.

PAVEMENT AREA	TRAFFIC INDEX	SECTION THICKNESS (inches)	
		Asphalt Concrete	**Aggregate Base Course**
Auto Parking	4.5	3	7
Circulation Drives	5	3	8
Truck Drives	6	3	12
		Portland Cement Concrete	**Aggregate Base Course**
Auto Parking	4.5	7	---
Circulation Drives	5	7.5	---
Truck Drives	6	7.5	---

The pavement subgrade underlying the aggregate base should be properly prepared and compacted in accordance with the recommendations outlined under "Subgrade Preparation".

The pavement base course should be compacted to at least 95 percent of maximum dry density (ASTM D-1557). Aggregate base should conform to the requirements of Section 26 of the California Department of Transportation Standard Specifications for Class II aggregate base (three-quarter-inch maximum) or Section 200-2 of the Standard Specifications for Public Works Construction (Green Book) for untreated base materials (except Processed Miscellaneous Base).

5.0 LIMITATIONS

The report, exploration logs, and other materials resulting from GPI's efforts were prepared exclusively for use by Alere Property Group LLC, and their consultants in designing the proposed development. The report is not intended to be suitable for reuse on extensions or modifications of the project or for use on any project other than the currently proposed development as it may not contain sufficient or appropriate information for such uses. If this report or portions of this report are provided to contractors or included in specifications, it should be understood that they are provided for information only. This report or portions thereof cannot be utilized by another entity without express written permission by GPI. This report is an instrument of our services and remains the property of GPI.

Soil deposits may vary in type, strength, and many other important properties between points of exploration due to non-uniformity of the geologic formations or to man-made cut and fill operations. While we cannot evaluate the consistency of the properties of materials in areas not explored, the conclusions drawn in this report are based on the assumption that the data obtained in the field and laboratory are reasonably representative of field conditions and are conducive to interpolation and extrapolation.

Furthermore, our recommendations were developed with the assumption that a proper level of field observation and construction review will be provided during grading, excavation, and foundation construction by GPI. If field conditions during construction appear to be different than is indicated in this report, we should be notified immediately so that we may assess the impact of such conditions on our recommendations. If construction-phase services are performed by others, the new consultant and the client must accept full responsibility for all geotechnical aspects of the project including this report.

Our investigation and evaluations were performed using generally accepted engineering approaches and principles available at this time and the degree of care and skill ordinarily exercised under similar circumstances by reputable Geotechnical Engineers practicing in this area. No other representation, either expressed or implied, is included or intended in our report.

Respectfully submitted,
Geotechnical Professionals Inc.

Donald A. Cords, G.E.
Associate

REGISTERED PROFESSIONAL ENGINEER
DONALD A. CORDS
No. GE 2529
Exp. 6-30-11
GEOTECHNICAL
STATE OF CALIFORNIA

James E. Harris, G.E.
Principal

REGISTERED PROFESSIONAL ENGINEER
JAMES E. HARRIS, IV
No. GE 2100
Exp. 12-31-11
GEOTECHNICAL
STATE OF CALIFORNIA

DAC/JEH:sph

DEC 2 0 2010

REFERENCES

1. Geotechnical Professionals, Inc. (2008), *"Feasibility-Level Geotechnical Evaluation, Proposed Industrial Development, Long Beach Service Yard, Anaheim Road and San Francisco Avenue, Long Beach, California,"* GPI Project No. 2197.I, dated February 14, 2008.

2. California Department of Conservation, Division of Mines and Geology (1998), "Seismic Hazard Zone Report for the Long Beach 7.5-Minute Quadrangles, Los Angeles County, California," Seismic Hazard Zone Report 028.

3. http://earthquake.usgs.gov/research/hazmaps/design/ for determination of Ss and S1 values.

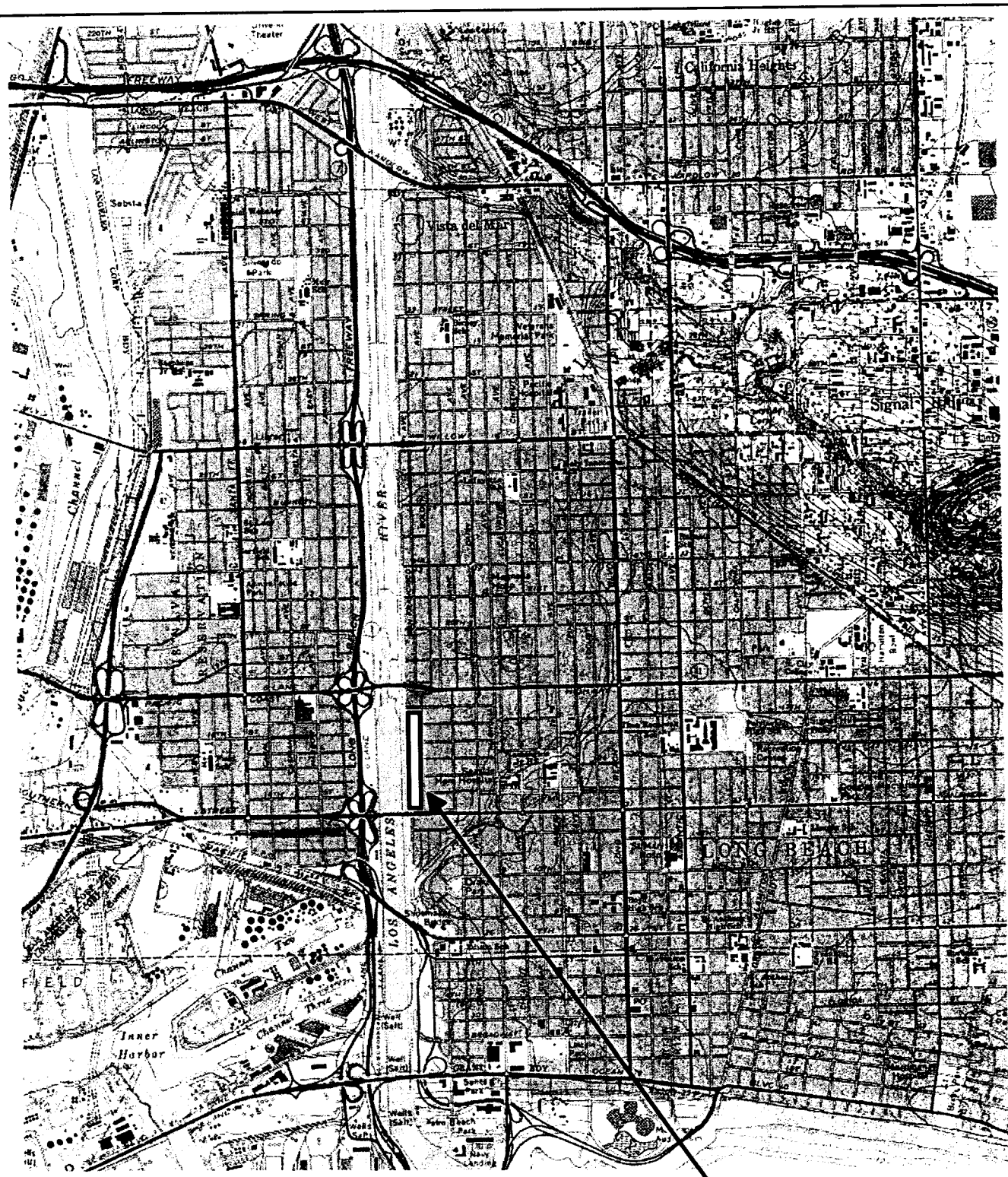
4. Blake, T.F. (2000), *"FRISKP, A Computer Program for the Probabilistic Estimation of Uniform-Hazard Spectra Using Faults as Earthquake Sources, User's Manual,"* Version 3.01b, updated 2004.

5. California Department of Conservation, Division of Mines and Geology (1999), "Seismic Hazard Zones, Official Map, Long Beach Quadrangle, Los Angeles County, California," dated March 25, 1999.

6. California Geological Survey, 2008, "Guidelines for Evaluating and Mitigating Seismic Hazards in California," Special Publication 117A.

7. Seed, H.B. and DeAlba, P., (1986), "The Use of SPT and CPT Tests for Evaluating the Liquefaction Resistance of Sands," Proceedings of Use of InSitu Tests in Geotechnical Engineering, ASCE Special Publication No. 6, pp 281-302.

8. Youd, T.L. and Idriss, I.M. (1997), "Proceeding of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils," Technical Report NCEER-97-0022.



0 3000 6000 FEET

SITE LOCATION MAP REPRODUCED FROM USGS LONG BEACH QUADRANGLE

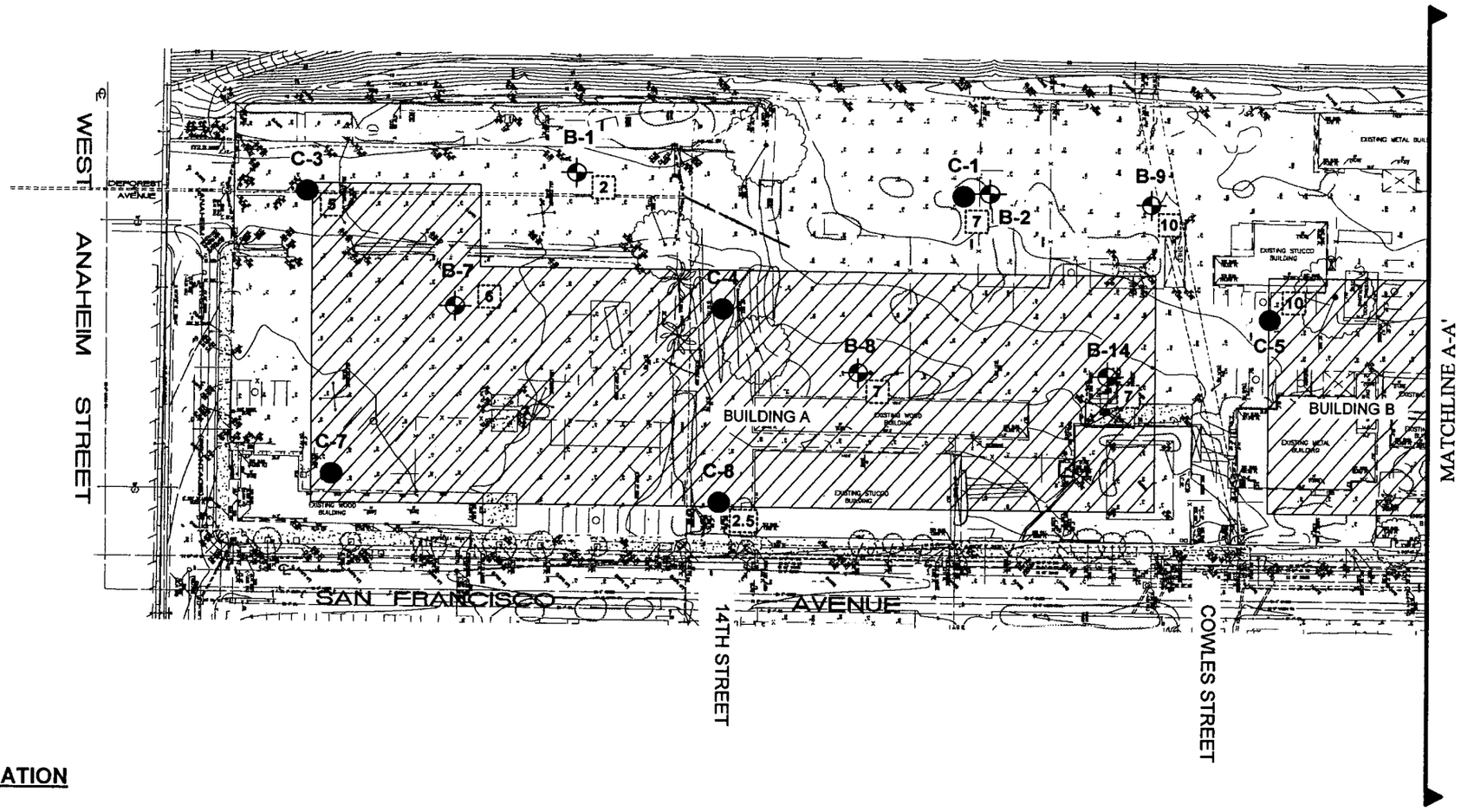
GPI GEOTECHNICAL PROFESSIONALS, INC.

LONG BEACH PUBLIC SERVICE YARD

GPI PROJECT NO. 2348.I | 1" = 3000'

SITE LOCATION MAP

FIGURE 1



EXPLANATION

C-1 ● APPROXIMATE LOCATION OF CONE PENETRATION TEST

B-1 ⊕ APPROXIMATE LOCATION OF EXPLORATORY BORING

[5] APPROXIMATE DEPTH (FT) OF FILL FROM EXISTING GROUND SURFACE

N

0 80 160 FEET

BASE PLAN REPRODUCED FROM LAND TITLE SURVEY PROVIDED BY THIENES ENGINEERING, INC.: (DATED OCT. 2010)
BUILDING REPRODUCED FROM CONCEPTUAL SITE PLAN, OPTION 1, SCHEME 2.: (DATED SEPT. 27, 2010

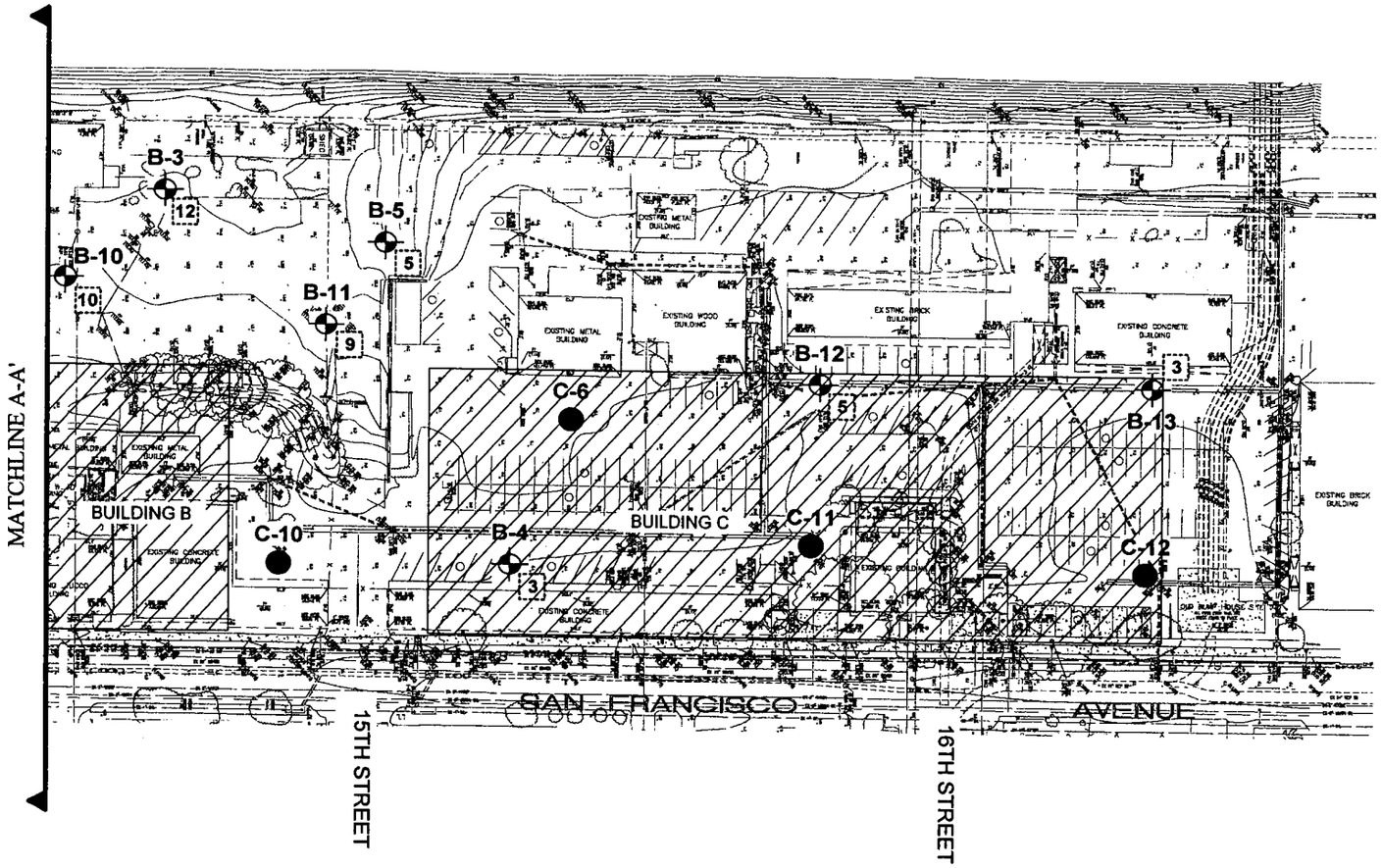
GPI GEOTECHNICAL PROFESSIONALS, INC.

LONG BEACH PUBLIC SERVICE YARD

GPI PROJECT NO.:2348.I | SCALE: 1"=80'

SITE PLAN

FIGURE 2-A



EXPLANATION

C-1 ● APPROXIMATE LOCATION OF CONE PENETRATION TEST

B-1 ⌖ APPROXIMATE LOCATION OF EXPLORATORY BORING

[5] APPROXIMATE DEPTH (FT) OF FILL FROM EXISTING GROUND SURFACE

N

0 80 160 FEET

BASE PLAN REPRODUCED FROM LAND TITLE SURVEY PROVIDED BY THIENES ENGINEERING, INC.: (DATED OCT. 2010)
BUILDING REPRODUCED FROM CONCEPTUAL SITE PLAN, OPTION 1, SCHEME 2.: (DATED SEPT. 27, 2010

GPI GEOTECHNICAL PROFESSIONALS, INC.

LONG BEACH PUBLIC SERVICE YARD

GPI PROJECT NO.:2348.I | SCALE: 1"=80'

SITE PLAN

FIGURE 2-B

APPENDIX A

APPENDIX A

CONE PENETRATION TESTS

The subsurface conditions were investigated by performing ten Cone Penetration Tests (CPT's) at the site. These soundings were advanced to depths ranging from approximately 20 to 50 feet below existing grades. The locations of the CPT's are shown on the Site Plan, Figure 2.

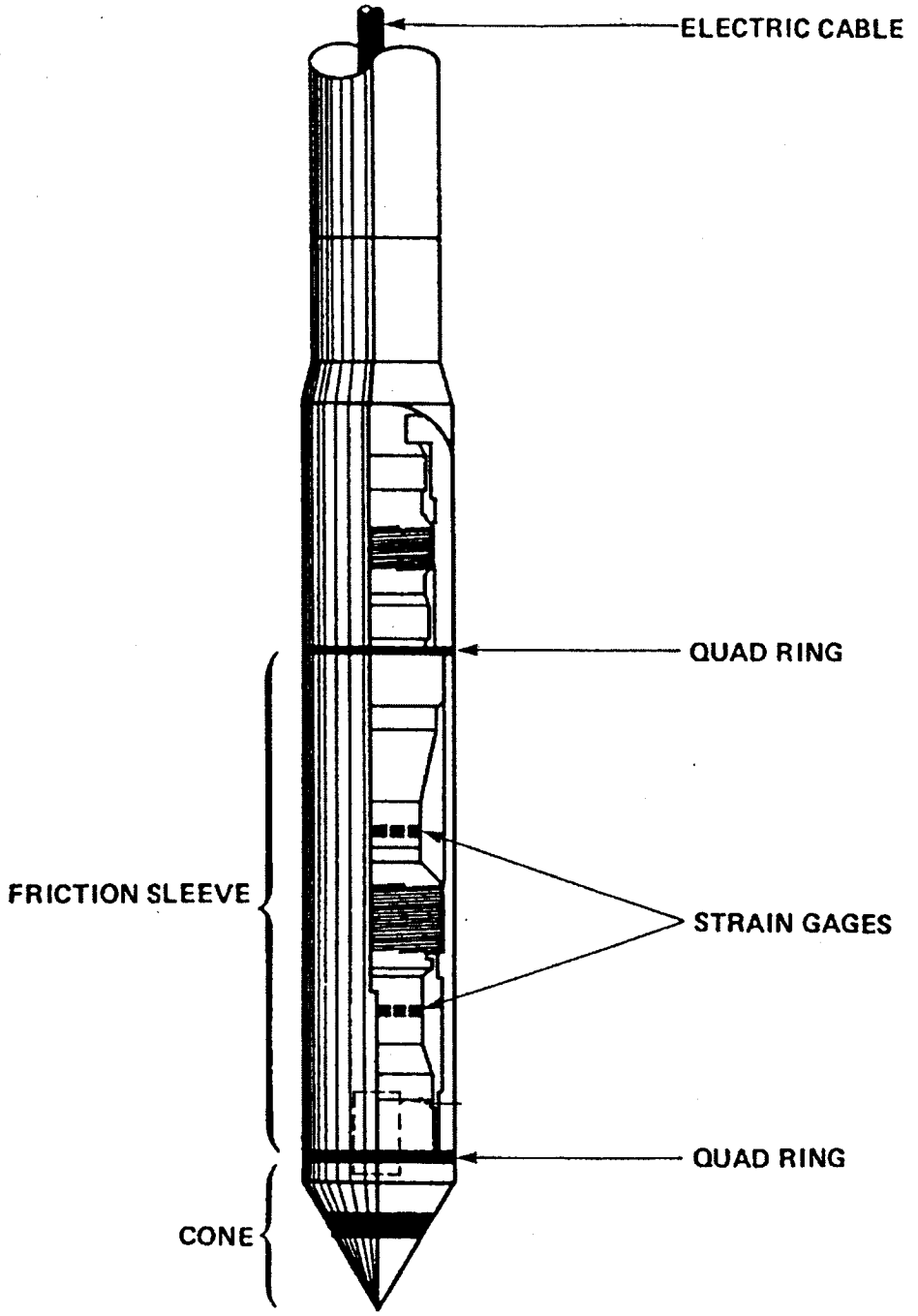
The Cone Penetration Test consists of pushing a cone-tipped probe into the soil deposit while simultaneously recording the cone tip resistance and side friction resistance of the soil to penetration (refer to Figure A-1). The CPT's described in this report were conducted in general accordance with ASTM specifications (ASTM D 5778) using an electric cone penetrometer.

The CPT equipment consists of a cone assembly mounted at the end of a series of hollow sounding rods. A set of hydraulic rams is used to push the cone and rods into the soil while a continuous record of cone and friction resistance versus depth is obtained in both analog and digital form at the ground surface. A specially designed truck is used to transport and house the test equipment and to provide a reaction to the thrust of the hydraulic rams.

Data obtained during a CPT consists of continuous stratigraphic information with close vertical resolution. Stratigraphic interpretation is based on relationships between cone tip resistance and friction resistance. The calculated friction ratio (CPT friction sleeve resistance divided by cone tip resistance) is used as an indicator of soil type. Granular soils typically have low friction ratios and high cone resistance, while cohesive or organic soils have high friction ratios and low cone resistance. These stratigraphic material categories form the basis for all subsequent calculations which utilize the CPT data.

Computer plots of the reduced CPT data acquired for this investigation are presented in Figures A-2 to A-11 of this appendix. The field testing and computer processing for the current investigation was performed by Kehoe Testing and Engineering under subcontract to Geotechnical Professionals Inc. (GPI). The interpreted soil descriptions were prepared by GPI.

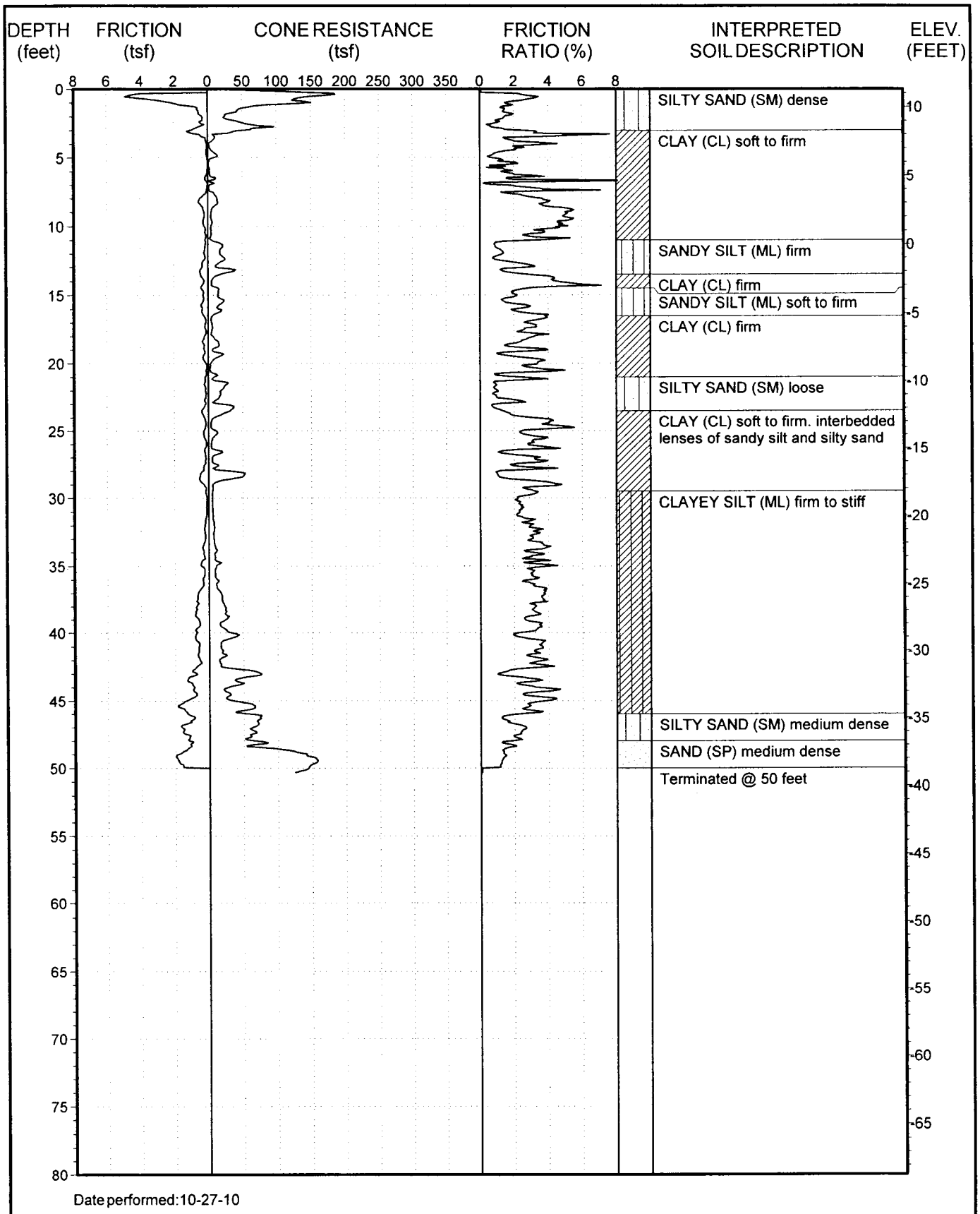
The CPT locations were laid out in the field by measuring from existing site features. The ground surface elevations at the CPT locations were estimated from the ALTA/ASCM survey by Thienes Engineering (dated October 2010) and should be considered approximate.



GPI GEOTECHNICAL PROFESSIONALS, INC.

CONE PENETROMETER

FIGURE A-1



Date performed: 10-27-10

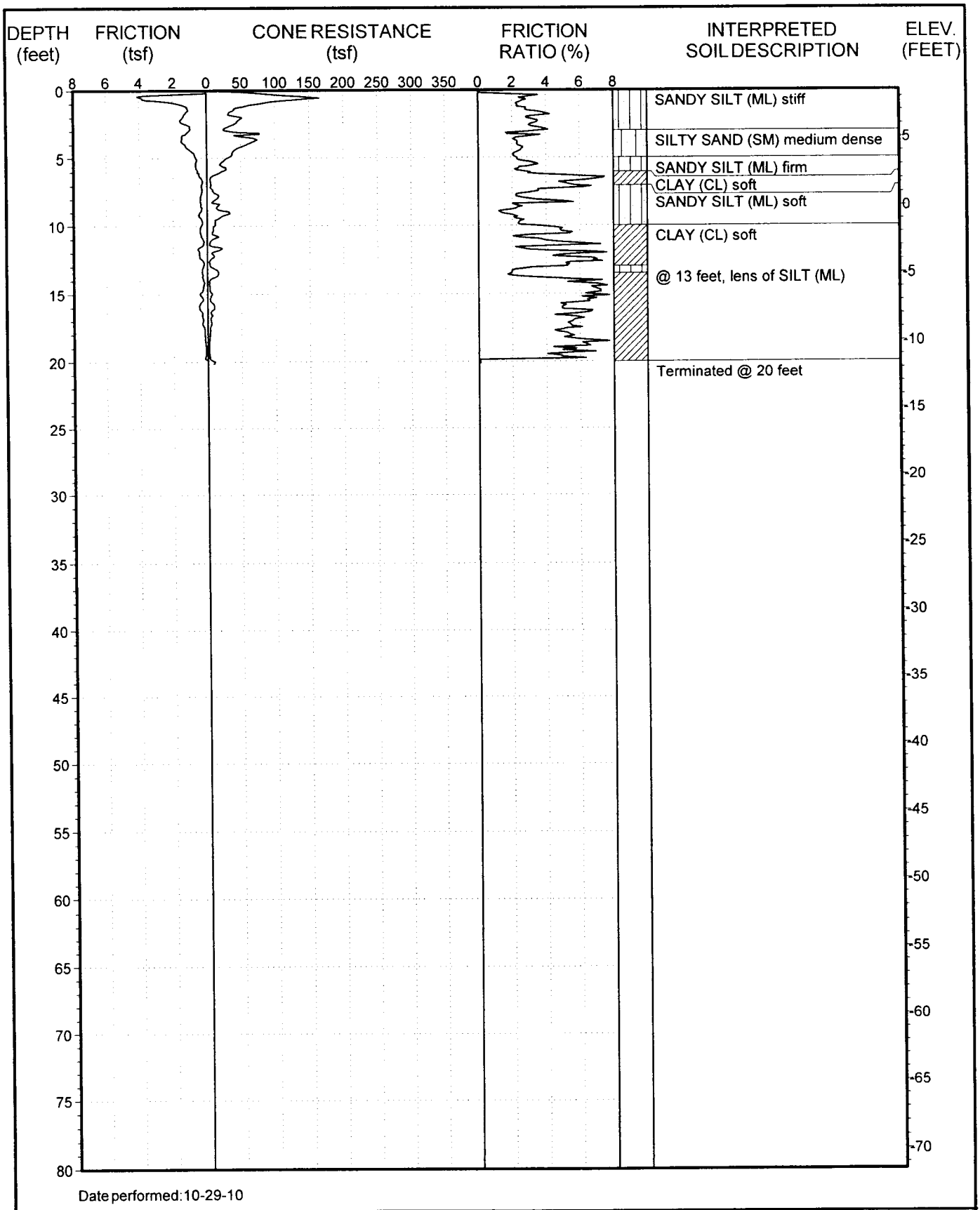
This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-1

FIGURE A-2



Date performed: 10-29-10

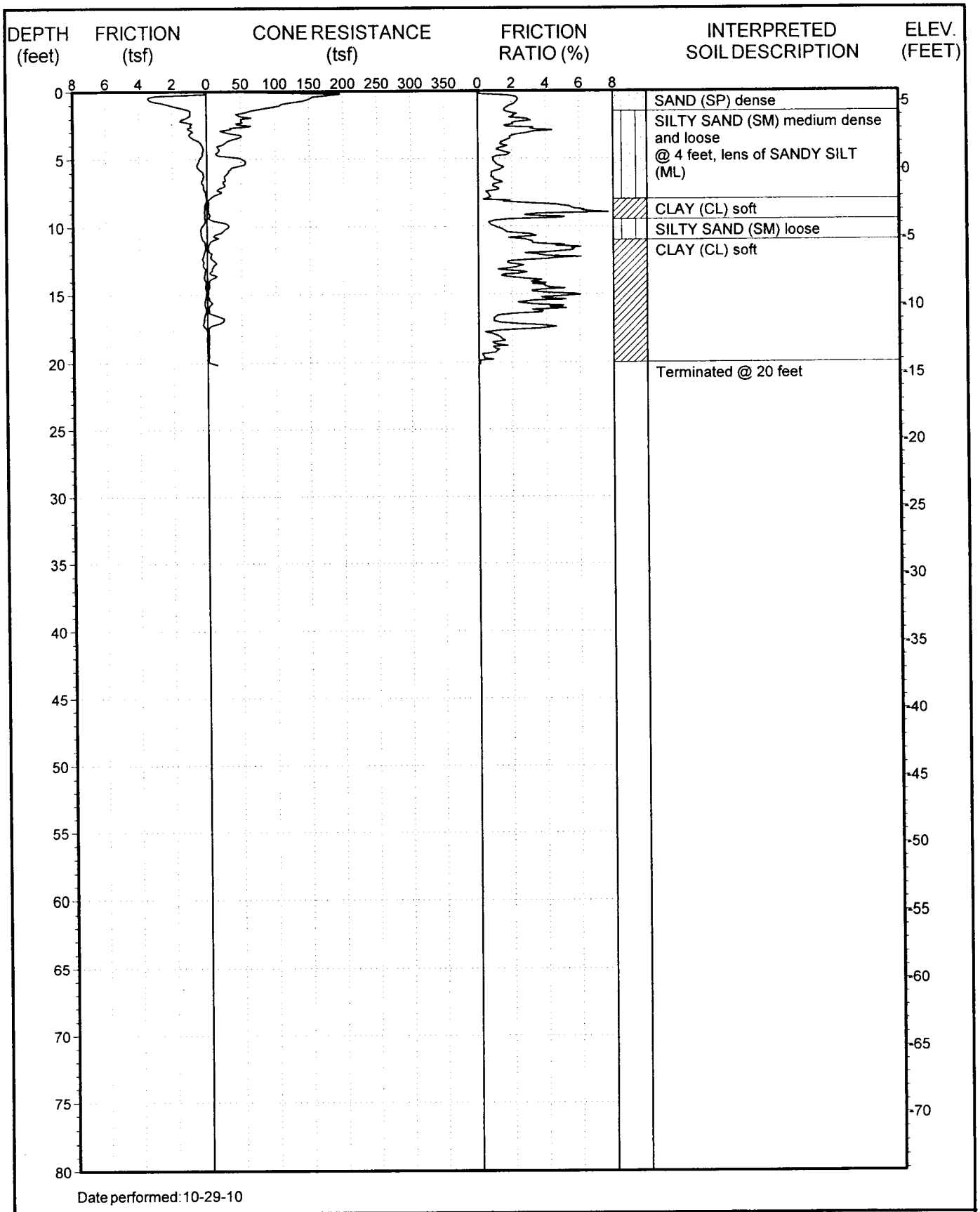
This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-3

FIGURE A-3



Date performed: 10-29-10

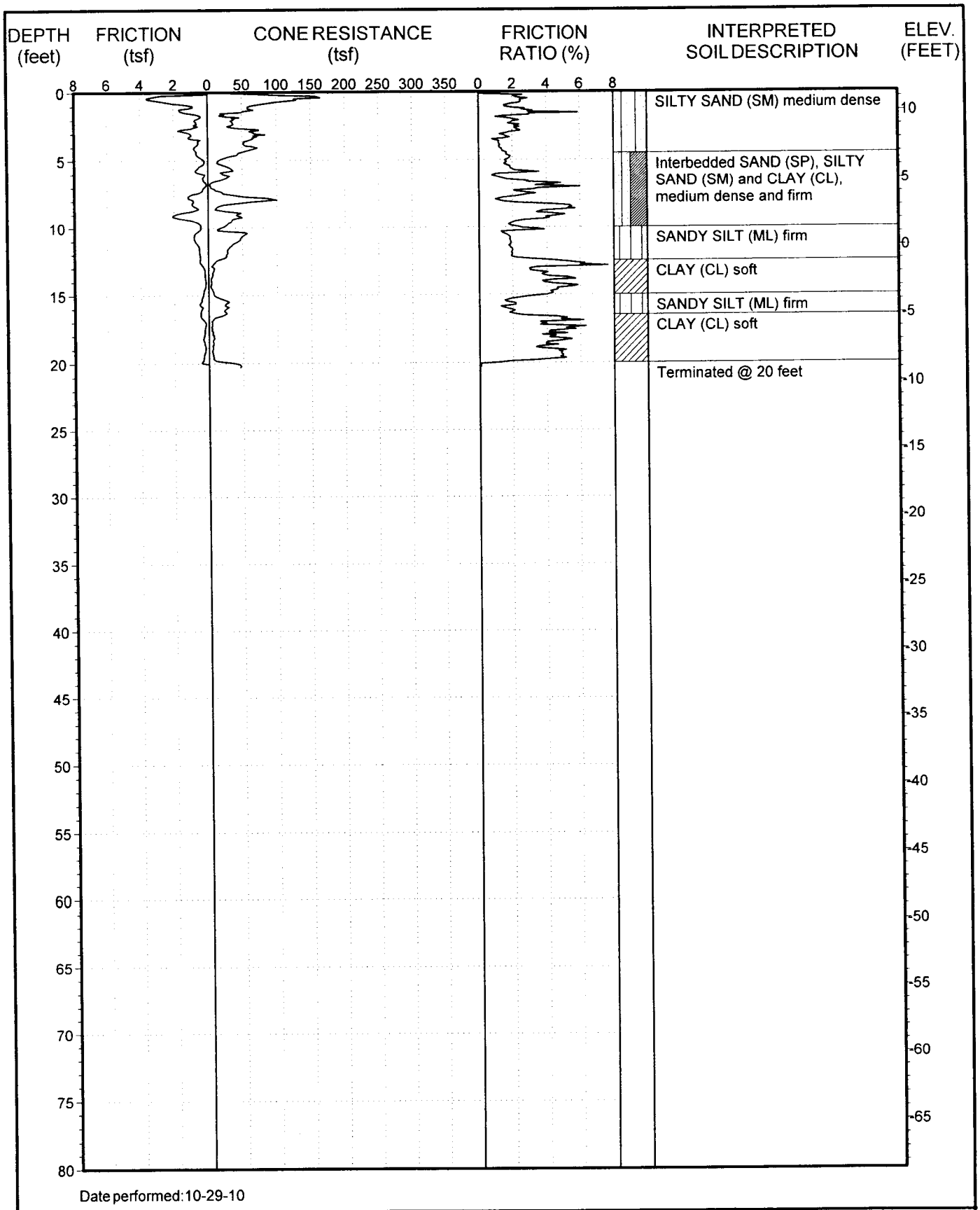
This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-4

FIGURE A-4



Date performed: 10-29-10

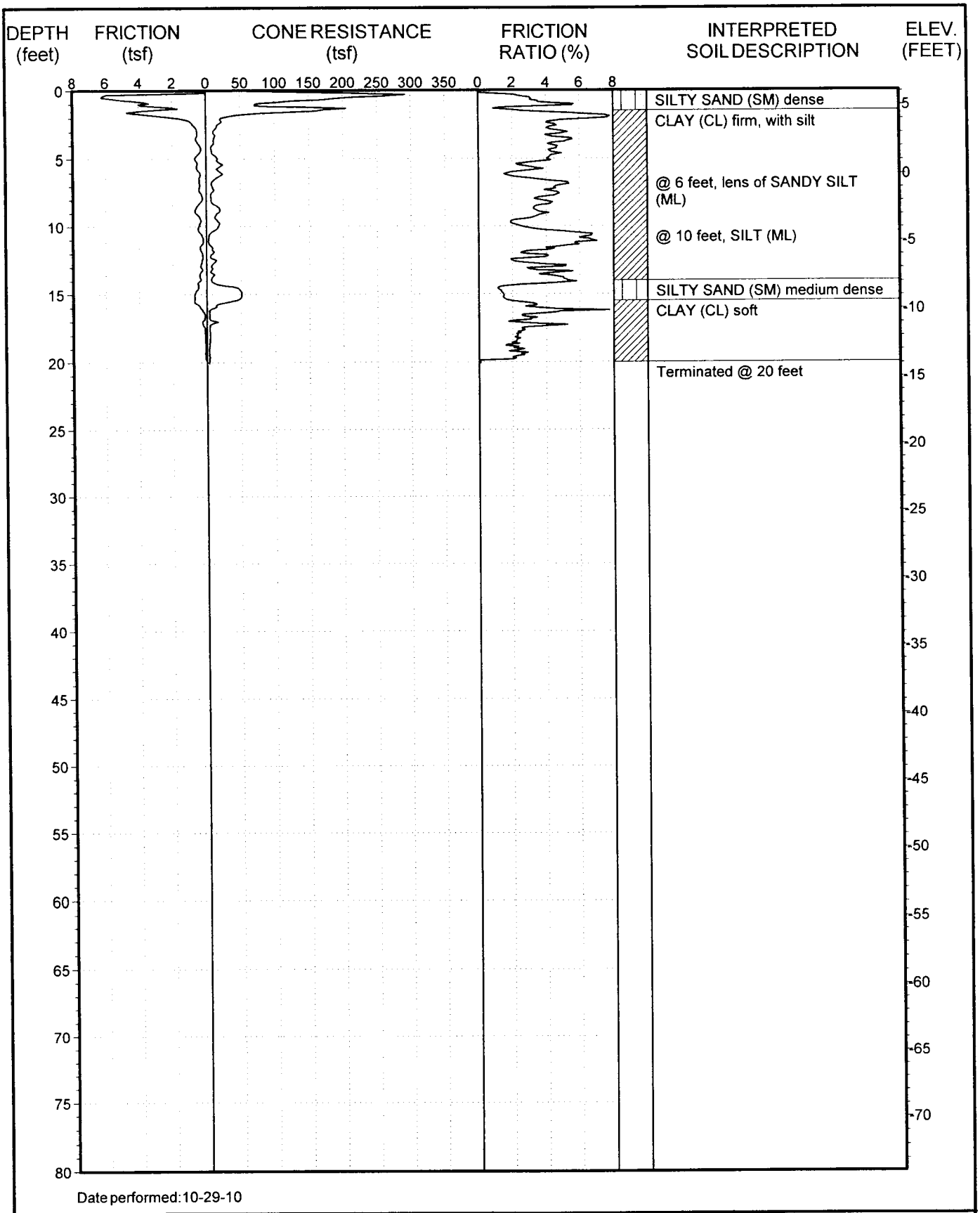
This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-5

FIGURE A-5



Date performed: 10-29-10

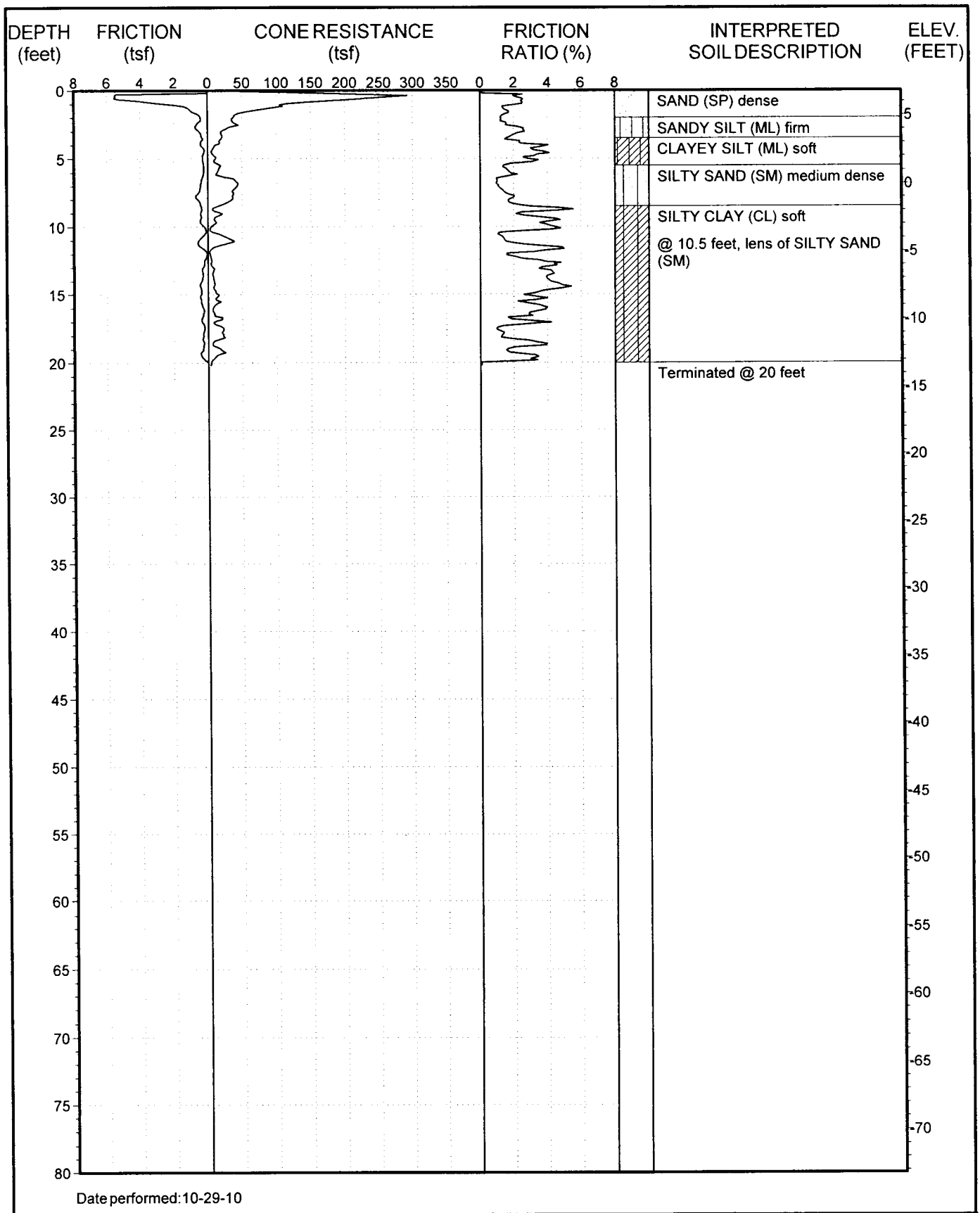
This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-6

FIGURE A-6



Date performed: 10-29-10

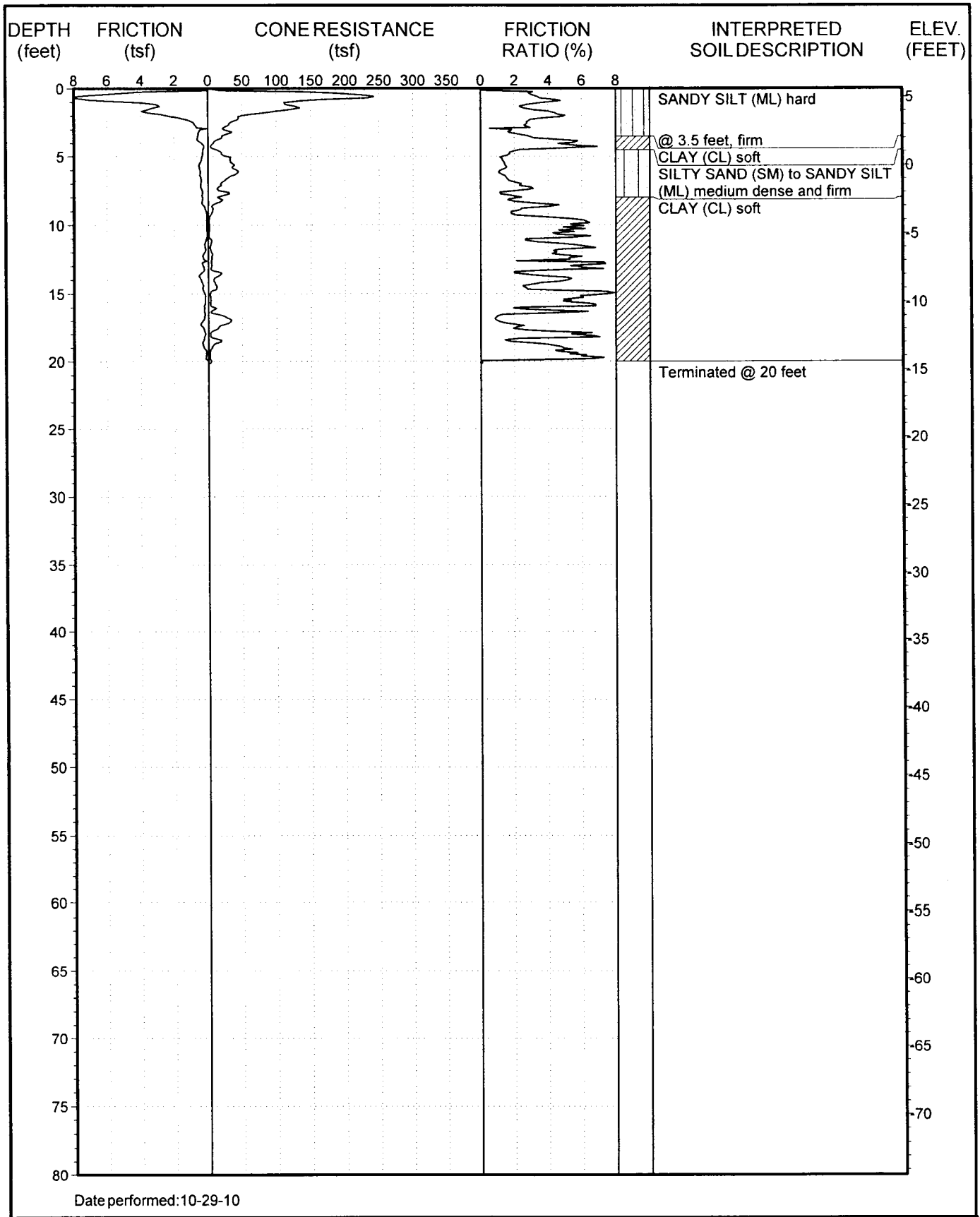
This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-7

FIGURE A-7



Date performed: 10-29-10

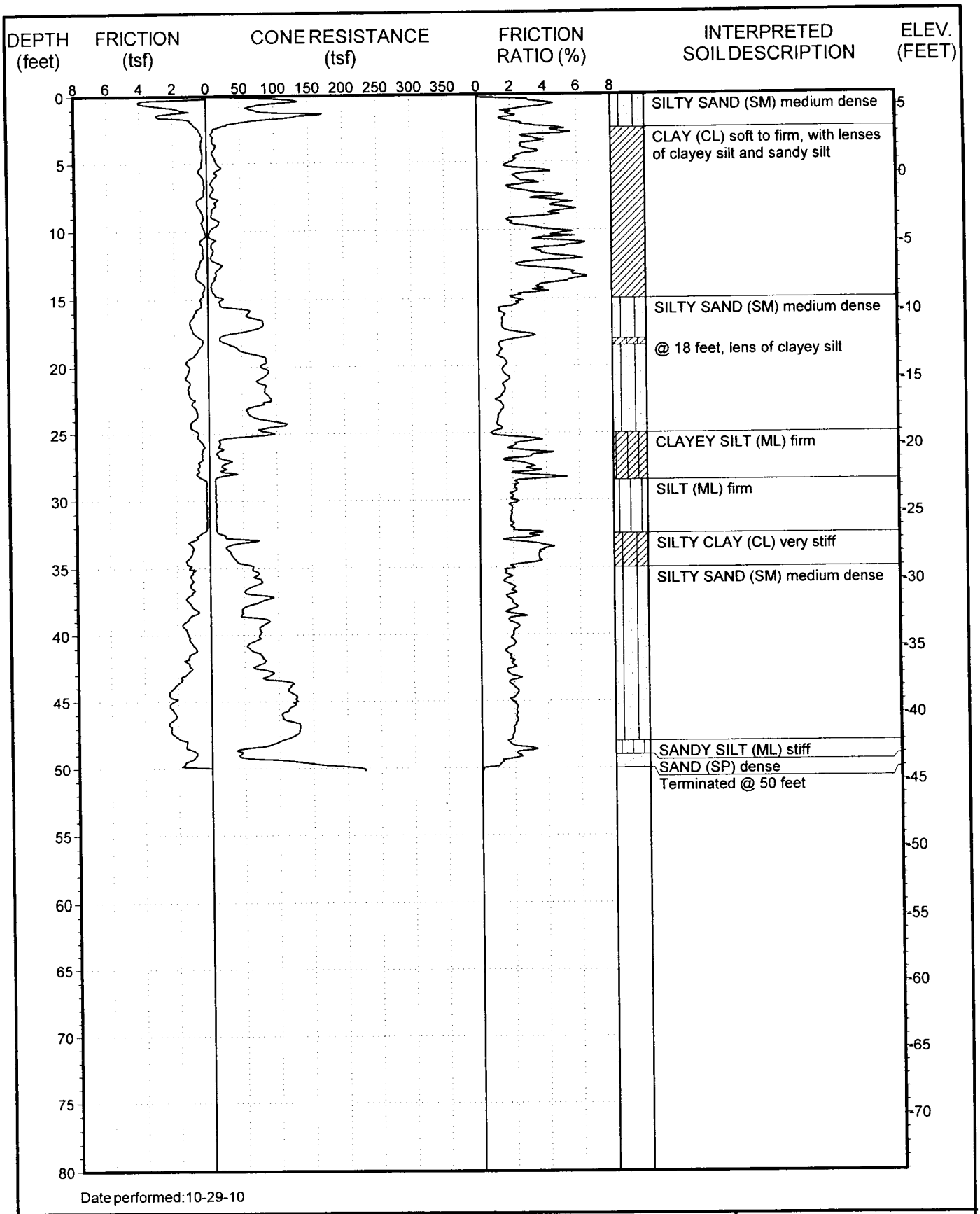
This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-8

FIGURE A-8



Date performed: 10-29-10

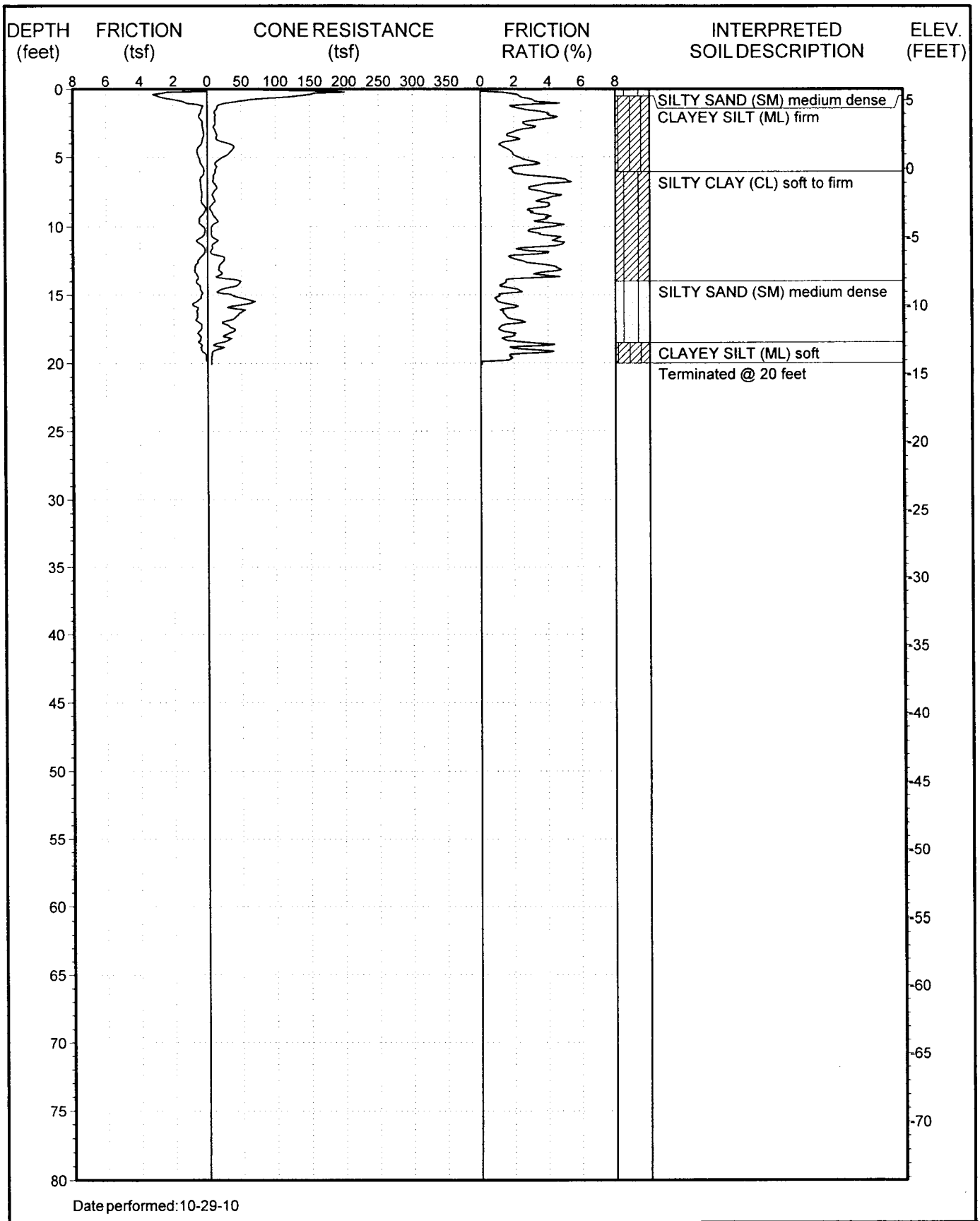
This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-10

FIGURE A-9



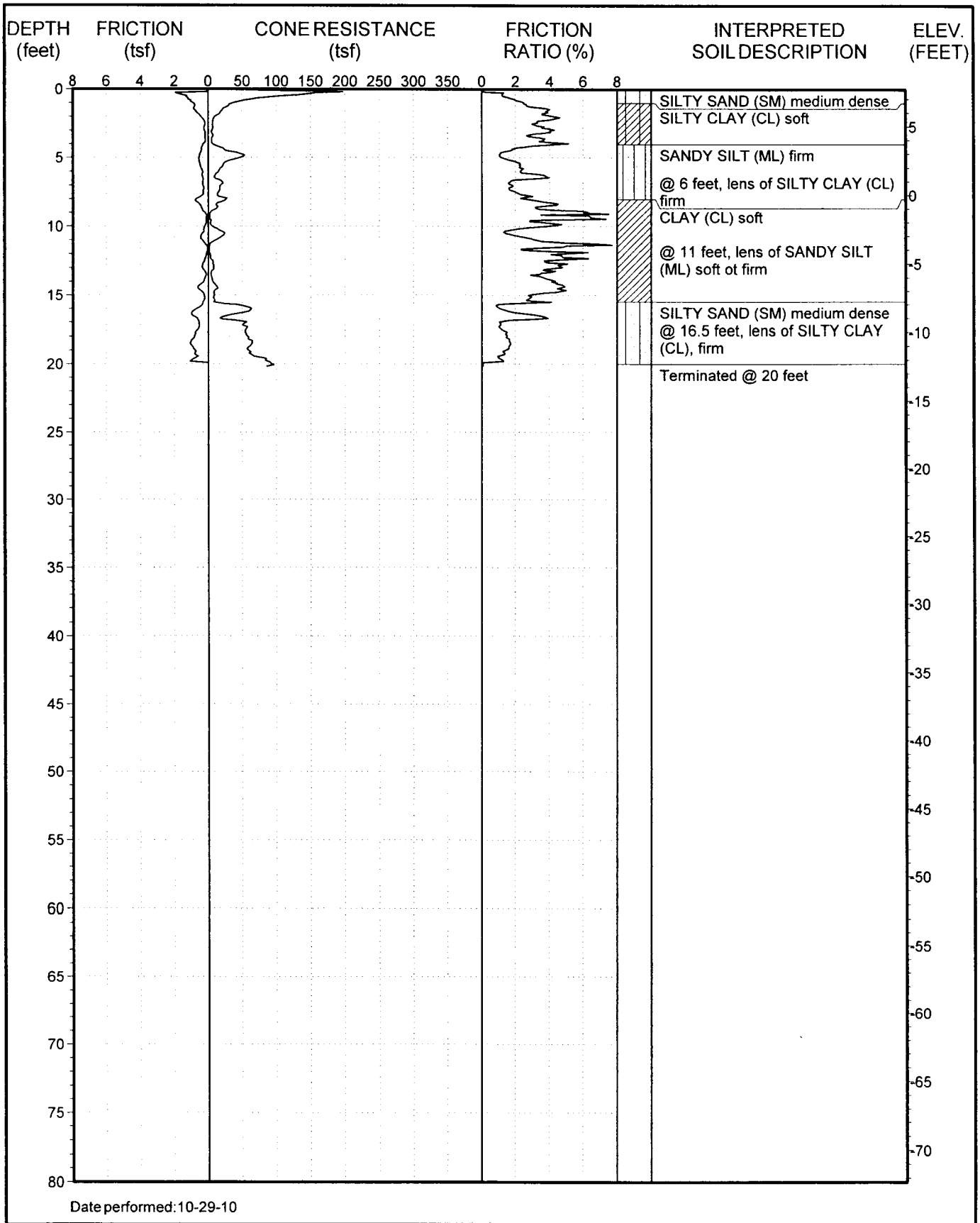
This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-11

FIGURE A-10



Date performed: 10-29-10

This summary applies only at the location of this cone penetration test and at the time of the exploration. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The interpreted soil description is derived from the friction ratio and cone resistance and is a simplification of actual conditions encountered.

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF CPT NO. C-12

FIGURE A-11

APPENDIX B

APPENDIX B

EXPLORATORY BORINGS

The subsurface conditions at the site were investigated by drilling and sampling thirteen exploratory borings. The borings were advanced to depths of 10 to 50 feet below the existing ground surface. The location of the exploration is shown on the Site Plan, Figure 2.

The borings were drilled using truck-mounted hollow-stem drill equipment. Relatively undisturbed samples were obtained using a brass-ring lined sampler (ASTM D 3550). The brass-rings have an inside diameter of 2.42 inches. The ring samples were driven into the soil by a 140-pound hammer dropping 30 inches. The number of blows needed to drive the sampler into the soil was recorded as the penetration resistance.

The field explorations for the investigation were performed under the continuous technical supervision of GPI's representative, who visually inspected the site, maintained detailed logs of the borings, classified the soils encountered, and obtained relatively undisturbed samples for examination and laboratory testing. The soils encountered in the borings were classified in the field and through further examination in the laboratory in accordance with the Unified Soils Classification System. Detailed logs of the borings are presented in Figures B-1 to B-13 in this appendix.

The boring locations were laid out in the field by measuring from existing site features. The ground surface elevations at the boring locations were estimated from the ALTA/ASCM survey by Thienes Engineering (dated October 2010) and should be considered approximate.

	MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
					0	Asphalt	
						Fill: **SILTY SAND (SM)** brown, moist	
						Natural: **CLAYEY SILT (ML)** grey, very moist	5
					5		
							0
					10		
						Total Depth 12 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED:
10-27-10

EQUIPMENT USED:
8" Hollow Stem Auger

GROUNDWATER LEVEL (ft):
12.0

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF BORING NO. B-1

FIGURE B-1

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	3" Asphalt	
					Fill: **SANDY SILT (ML)** dark brown, moist	10
9.4	102	7	D		@ 2 feet, firm, with concrete, brick, asphalt	
					SILTY SAND (SM) brown, moist, loose	
10.2	85	7	D	5	**SANDY SILT (ML)** brown, moist, firm, with 10% glass, concrete, metal	5
41.0	72	19	D		**SAND (SP)** dark brown, moist, loose	
					Natural: **CLAYEY SILT (ML)** grey, very moist, stiff	
43.9	74	12	D	10	**SILT (ML)** grey, very moist, firm to stiff	0
37.5	83	16	D	15	@ 15 feet, stiff	-5
36.1	82	11	D	20	**CLAY (CL)** grey, wet, firm	-10
40.0	76	16	D	25	**CLAYEY SILT (MH)** grey, wet, stiff	
					CLAY (CL) grey, wet, stiff	-15
36.4	85	16	D	30	**SANDY SILT (ML)** grey, wet, stiff	
					CLAYEY SILT (MH) grey, wet, stiff	-20
46.0	74	15	D	35	**CLAY (CL)** grey, wet, stiff	-25

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED: 10-28-10
EQUIPMENT USED: 8" Hollow Stem Auger
GROUNDWATER LEVEL (ft): 16.0

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF BORING NO. B-2

FIGURE B-2

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
49.0	71	14	D	40	**CLAYEY SILTY (MH)** grey, wet, stiff	-30
44.2	74	20	D	45		-35
28.8	92	20	D	50	**CLAY (CL)** grey, very moist, stiff	
					Total Depth 50 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED:
10-28-10

EQUIPMENT USED:
8" Hollow Stem Auger

GROUNDWATER LEVEL (ft):
16.0

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF BORING NO. B-2

FIGURE B-2

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	3" Asphalt	
					Fill: **SANDY SILT (ML)** brown, moist, with debris, glass	10
				5	@ 5 feet, trace rubber	
					@ 8 feet, with concrete, brick, glass, ceramics	5
				10	@ 10 feet, CLAY (CL), brown, moist	
					Natural: **SILTY CLAY (CL)** grey, moist	
					Total Depth 13 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED:
10-27-10

EQUIPMENT USED:
8" Hollow Stem Auger

GROUNDWATER LEVEL (ft):
Not Encountered

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF BORING NO. B-3

FIGURE B-3

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
			B	0	5" Asphalt, 5" gravel	
					CLAYEY SILT (ML) grey, moist	5
41.9	77	10	D		@ 2 feet, firm	
					Natural: **SILTY SAND (SM)** grey, moist, firm	
18.8	94	18	D	5	@ 5 feet, stiff	
					SILT (ML) grey, very moist, stiff	0
41.5	76	9	D		**CLAYEY SILT (ML)** grey, very moist, firm	
					SILT (ML) grey, very moist, firm	
59.7	67	7	D	10	**SILTY CLAY (CL)** grey, wet, firm	-5
36.1	86	17	D	15	**SILT (ML)** grey, wet, stiff	
26.7					**SAND (SP)** grey, wet, medium dense, trace silt	-10
46.1	76	7	D		**CLAYEY SILT (ML)** grey, wet, firm	
				20	Total Depth 20 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED: 10-27-10

EQUIPMENT USED: 8" Hollow Stem Auger

GROUNDWATER LEVEL (ft): 11.0

GPI

PROJECT NO.: 2348.I

LONG BEACH CITY YARD

LOG OF BORING NO. B-4

FIGURE B-4

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	7" Asphalt Fill: **SILTY SAND (SM)** brown, moist, with debris	
26.6	86	19	D		**SILTY CLAY (CL)** grey, moist, stiff	10
19.7	89	22	D	5	Natural: **SANDY SILT (ML)** light brown, moist, stiff to very stiff	5
35.3	85	12	D	10	**CLAYEY SILT (ML)** grey, wet, firm to stiff	0
49.2	74	11	D	15	**CLAY (CL)** grey, wet, firm	
29.3	91	26	D	20	**SANDY SILT (ML)** grey, wet, very stiff	-5 -10
42.5	79	20	D	25	**CLAY (CL)** grey, wet, stiff	-15
28.5	95	19	D	30	**SILTY SAND (SM)** grey, wet, medium dense	-20
25.6	96	24	D	35		-25

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED: 10-28-10

EQUIPMENT USED: 8" Hollow Stem Auger

GROUNDWATER LEVEL (ft): 14.0

GPI

PROJECT NO.: 2348.I

LONG BEACH CITY YARD

LOG OF BORING NO. B-5

FIGURE B-5

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				40		
23.5	98	35	D		**SAND (SP)** grey, wet, medium dense	
						-30
				45		
24.2	93	38	D		@ 45 feet, medium dense	
44.0					**CLAY (CL)** grey, wet, very stiff	
						-35
32.8	89	44	D			
				50	Total Depth 50 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED:
10-28-10

EQUIPMENT USED:
8" Hollow Stem Auger

GROUNDWATER LEVEL (ft):
14.0

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF BORING NO. B-5

FIGURE B-5

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	7" Asphalt	
					Fill: **SANDY CLAY (CL)/SILTY SAND (SM)** brown, moist, with debris, brick	
11.2	98	24	D		**SAND with DEBRIS** moist, medium dense, with approx. 85% brick and approx. 5% silty sand	5
14.9		9	D	5	@ 5 feet, approx. 90% brick	
					Natural: **SILTY CLAY (CL)** grey, very moist, stiff	
30.3	90	14	D		**SILT (ML)** grey, wet, stiff	0
41.1	78	12	D	10	@ 10 feet, firm to stiff	-5
41.7	77	11	D	15	**CLAYEY SILT (ML)** grey, wet, firm	-10
37.7	82	14	D		**SILT (ML)** grey, wet, stiff	
				20	Total Depth 20 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED: 10-27-10

EQUIPMENT USED: 8" Hollow Stem Auger

GROUNDWATER LEVEL (ft): 12.0

GPI

PROJECT NO.: 2348.I

LONG BEACH CITY YARD

LOG OF BORING NO. B-7

FIGURE B-6

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	4" Asphalt, 4" gravel	
					Fill: **SILTY SAND (SM)** dark brown, moist	
8.8			B		**SAND with DEBRIS** moist, medium dense, with approx. 50% concrete, metal and brick	5
17.1		17	D	5	**SAND (SP) to SILTY SAND (SM)** with 30% asphalt and brick	
29.9	82	15	D		Natural: **CLAYEY SILT (ML)** grey, wet, stiff	0
71.5	63	18	D	10	**SILT (MH)** grey, wet, stiff	-5
46.7	74	14	D	15	**SILTY CLAY (CL)** grey, wet, stiff	-10
50.3	69	9	D	20		
					Total Depth 20 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED: 10-27-10

EQUIPMENT USED: 8" Hollow Stem Auger

GROUNDWATER LEVEL (ft): 15.0

GPI

PROJECT NO.: 2348.I

LONG BEACH CITY YARD

LOG OF BORING NO. B-8

FIGURE B-7

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	6" Asphalt, 2.5" gravel	
					CLAY (CL) reddish brown	10
					SILTY SAND (SM) light brown, moist @ 3 feet, dark brown, with debris, bricks, metal	
				5		5
					CLAYEY SILT (ML) dark brown, moist	
				10	Natural: **SILT (ML)** grey, very moist	
					Total Depth 11 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED: 10-27-10

EQUIPMENT USED: 8" Hollow Stem Auger

GROUNDWATER LEVEL (ft): Not Encountered

GPI

PROJECT NO.: 2348.I

LONG BEACH CITY YARD

LOG OF BORING NO. B-9

FIGURE B-8

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	4" Asphalt, 6" gravel	
					Fill: **CLAY (CL)** reddish brown	
					SILTY CLAY (CL) dark brown, moist, with debris, bricks and glass	10
				5	**SILTY SAND (SM)** dark brown, moist, with debris	5
				10	Natural: **SANDY SILT (ML)** grey, very moist	
					Total Depth 11 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED:
10-27-10

EQUIPMENT USED:
8" Hollow Stem Auger

GROUNDWATER LEVEL (ft):
Not Encountered

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF BORING NO. B-10

FIGURE B-9

	MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
					0	5" Asphalt	
						Fill: **SILTY CLAY (CL)** dark brown, moist, with plates, wire	10
					5		5
						Natural: **CLAYEY SILT (ML)** grey, very moist	
					10	Total Depth 10 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED:
10-27-10

EQUIPMENT USED:
8" Hollow Stem Auger

GROUNDWATER LEVEL (ft):
Not Encountered

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF BORING NO. B-11

FIGURE B-10

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	5" Asphalt, 5" gravel	
					Fill: **CLAY (CL)** reddish brown, moist	5
33.9	80	10	D		**CLAYEY SILT (ML)** grey, moist, trace glass @ 2 feet, firm, no glass	
35.3	82	16	D	5	Natural: **SANDY SILT (ML)** grey, very moist, stiff	0
36.0	86	15	D		**CLAYEY SILT (ML)** grey, wet to very moist, stiff	
29.5	83	12	D	10		-5
31.1	80	23	D	15	**SANDY SILT (ML)** grey, wet, very stiff	-10
37.0	78	16	D	20	**CLAY (CL)** grey, wet, stiff Total Depth 20 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED: 10-28-10

EQUIPMENT USED: 8" Hollow Stem Auger

GROUNDWATER LEVEL (ft): 14.0

GPI

PROJECT NO.: 2348.I

LONG BEACH CITY YARD

LOG OF BORING NO. B-12

FIGURE B-11

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	4" Asphalt, 5" gravel	
					Fill: **CLAY (CL)** reddish brown, moist	
16.0	102	14	D		**CLAYEY SILT (ML)** grey, moist	5
24.1	88				@ 2 feet, stiff	
					Natural: **SANDY SILT (ML)** light brown, moist, stiff	
31.7	83	11	D	5	**SILTY CLAY (CL)** grey, very moist, firm	
					SILT (ML) grey, very moist, wet, firm to stiff	0
34.5	82	12	D			
36.7	82	13	D	10	**SANDY SILT (ML)** grey, wet, stiff	
						-5
39.5	78	14	D	15	**CLAYEY SILT (ML)** grey, very moist, stiff	
						-10
35.0	87	12	D	20		
					Total Depth 20 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED: 10-28-10

EQUIPMENT USED: 8" Hollow Stem Auger

GROUNDWATER LEVEL (ft): 14

GPI

PROJECT NO.: 2348.I
LONG BEACH CITY YARD

LOG OF BORING NO. B-13

FIGURE B-12

MOISTURE (%)	DRY DENSITY (PCF)	PENETRATION RESISTANCE (BLOWS/FOOT)	SAMPLE TYPE	DEPTH (FEET)	DESCRIPTION OF SUBSURFACE MATERIALS This summary applies only at the location of this boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	ELEVATION (FEET)
				0	7" Asphalt, 2" gravel	
					Fill: **CLAY (CL)** reddish brown	
11.6	106	25	D		**SANDY SILT (ML)** dark brown, moist, with debris, metal	
					SAND with DEBRIS moist, medium dense, with approx. 30 to 50% concrete and metal	5
15.1		11	D	5	**SANDY CLAY (CL)/SANDY SILT (ML)** dak brown, moist, firm, with 30% debris, metal, cement	
48.3	71	7	D		Natural: **CLAY (CL)** grey, wet, firm	
24.2					**SANDY SILT (ML)** grey, wet firm	0
42.1	76	6	D	10	@ 10 feet, soft to firm	
					SILT (ML) grey, wet, soft to firm	-5
42.8	55	14	D	15	**SILTY CLAY (CL)** grey, wet, stiff	
34.3		11	D			-10
				20	**SANDY SILT (ML)** grey, wet, firm	
					Total Depth 20 feet	

SAMPLE TYPES
- C Rock Core
- S Standard Split Spoon
- D Drive Sample
- B Bulk Sample
- T Tube Sample

DATE DRILLED: 10-27-10

EQUIPMENT USED: 8" Hollow Stem Auger

GROUNDWATER LEVEL (ft): 19.0

GPI

PROJECT NO.: 2348.I

LONG BEACH CITY YARD

LOG OF BORING NO. B-14

FIGURE B-13

APPENDIX C

APPENDIX C

LABORATORY TESTS

INTRODUCTION

Representative undisturbed soil samples and bulk samples were carefully packaged in the field and sealed to prevent moisture loss. The samples were then transported to our Cypress office for examination and testing assignments. Laboratory tests were performed on selected representative samples as an aid in classifying the soils and to evaluate the physical properties of the soils affecting foundation design and construction procedures. Detailed descriptions of the laboratory tests are presented below under the appropriate test headings. Test results are presented in the figures that follow.

MOISTURE CONTENT AND DRY DENSITY

Moisture content and dry density were determined from a number of the ring samples. The samples were first trimmed to obtain volume and wet weight and then were dried in accordance with ASTM D 2216. After drying, the weight of each sample was measured, and moisture content and dry density were calculated. Moisture content and dry density values are presented on the boring logs in Appendix B.

PERCENT PASSING NO. 200 SIEVE

A total of four soil samples were dried, weighed, soaked in water until individual soil particles were separated, and then washed on the No. 200 sieve. That portion of the material retained on the No. 200 sieve was oven-dried and weighed to determine the percentage of the material passing the No. 200 sieve. The percentages passing the No. 200 sieve are tabulated below.

BORING NO.	DEPTH (ft)	SOIL DESCRIPTION	PERCENT PASSING No. 200 SIEVE
B-2	15	Silt (ML)	80
B-2	30	Sandy Silt (ML)	50
B-4	5	Silty Sand (SM)	33
B-8	2	Silty Sand (SM)	24

ATTERBERG LIMITS

Liquid and plastic limits were determined for a selected sample in accordance with ASTM D4318. Results of the Atterberg Limits test are presented in Figure C-1.

DIRECT SHEAR

Direct shear tests were performed on undisturbed and remolded bulk samples in accordance with ASTM D 3080. The bulk sample was remolded to approximately 90 percent of the maximum dry density (ASTM D 1557). The samples were placed in the shear machine, and a normal load comparable to the in-situ overburden stress was applied. The samples were inundated, allowed to consolidate, and then were sheared to failure. The tests were repeated on additional test specimens under increased normal loads. Shear stress and sample deformation were monitored throughout the test. The results of the direct shear tests are presented in Figures C-2 to C-5.

R-VALUE

Suitability of the near-surface soils for pavement was evaluated by conducting an R-value test. The test was performed in accordance with ASTM D2844. The results of the test are as follows:

BORING NO.	DEPTH (ft)	SOIL DESCRIPTION	R-VALUE
B-4	0-3	Clayey Silt (ML)	14

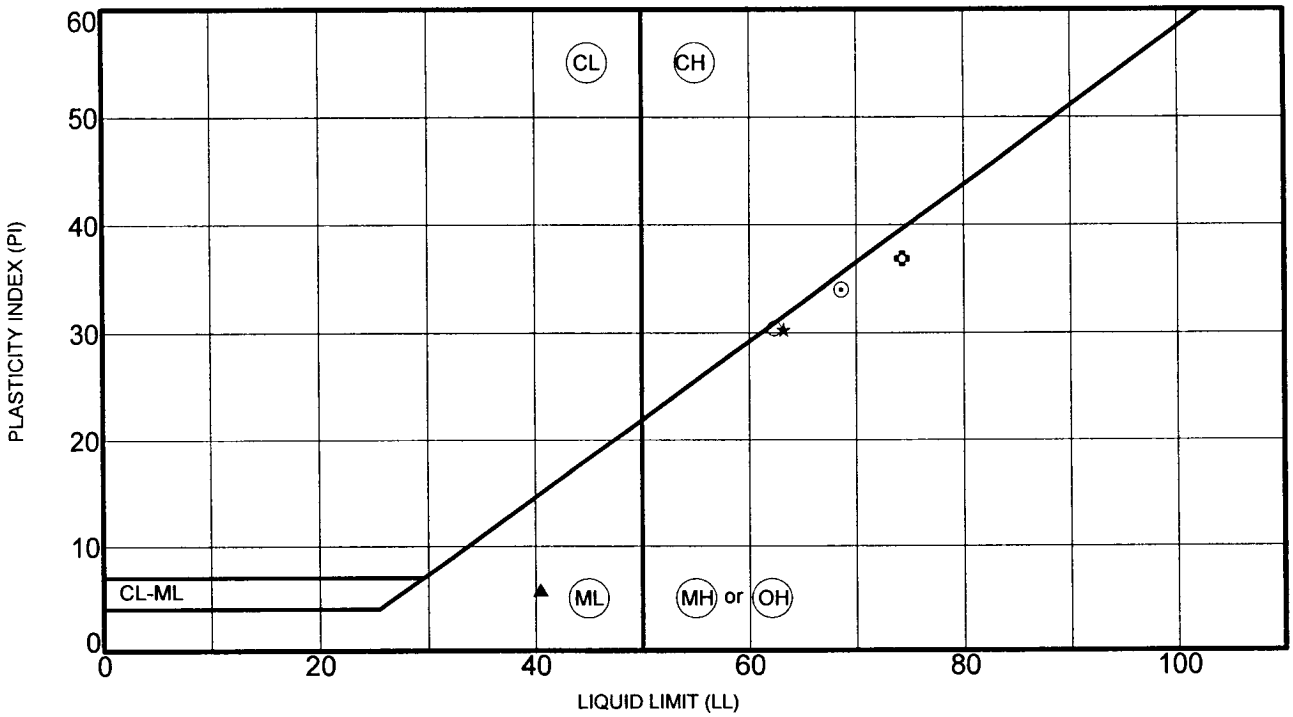
COMPACTION TEST

Maximum dry density/optimum moisture tests were performed in accordance with ASTM D 1557 on representative bulk samples of the surficial soils. The test result is as follows:

BORING NO.	DEPTH (ft)	SOIL DESCRIPTION	MAXIMUM DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)
B-13	0-3	Silt (ML)	112	16.0

CORROSIVITY

Soil corrosivity testing was performed by Schiff Associates on a soil sample provided by GPI. The test results are summarized in Table 1 of this appendix.



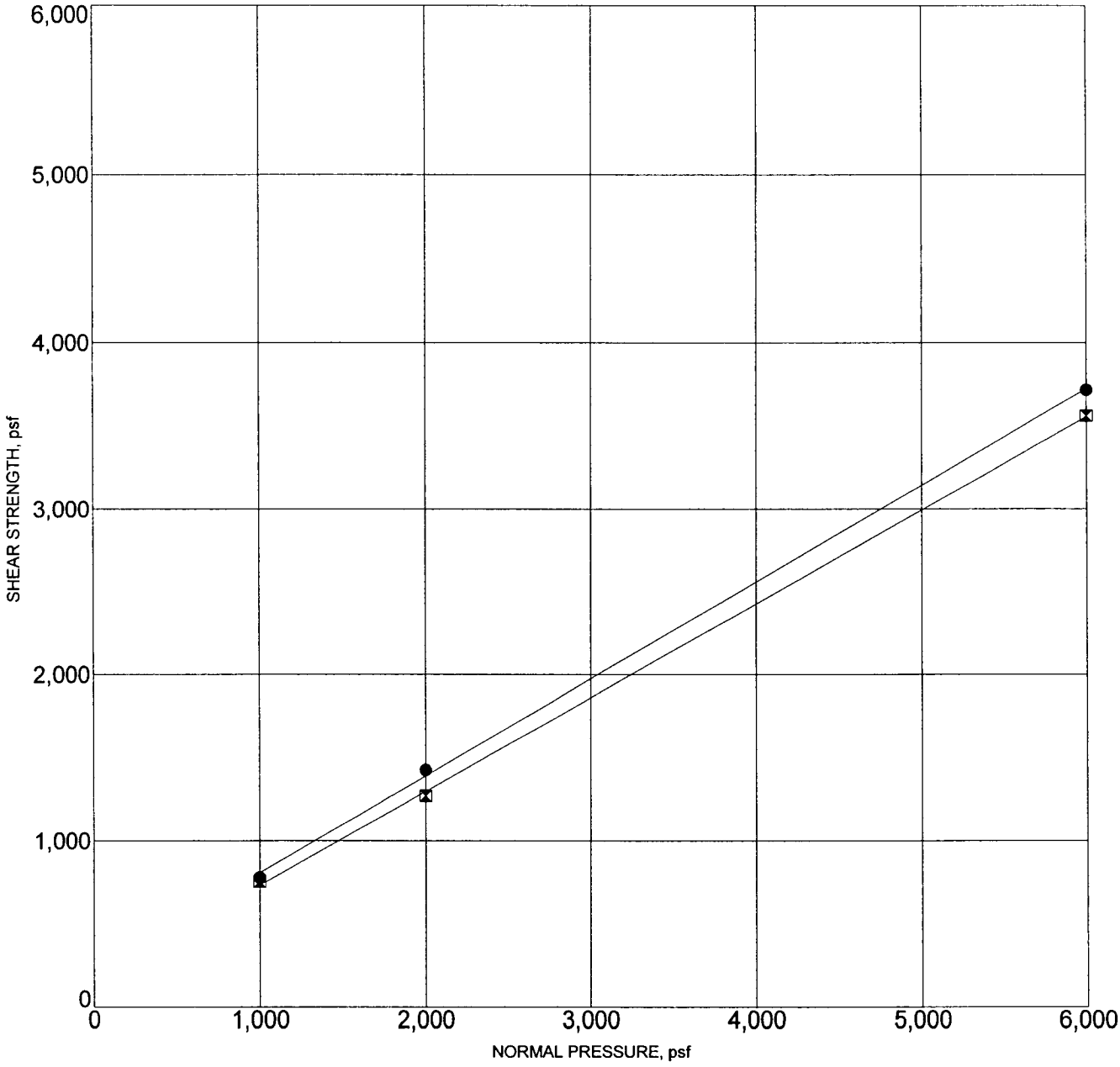
	SAMPLE LOCATION		LL	PL	PI	Fines, %	Classification
▲	B-2	15.0	40	35	6		SILT (ML)
★	B-2	25.0	63	33	30		CLAYEY SILT (MH)
⊙	B-2	35.0	69	35	34		CLAYEY SILT (MH)
✿	B-2	40.0	74	37	37		CLAYEY SILT (MH)
○	B-2	45.0	62	32	30		CLAYEY SILT (MH)

PROJECT: LONG BEACH CITY YARD PROJECT NO. 2348.I

GPI

ATTERBERG LIMITS TEST RESULTS

FIGURE C-1



● **PEAK STRENGTH**
Friction Angle= 30 degrees
Cohesion= 225 psf

⊠ **ULTIMATE STRENGTH**
Friction Angle= 29 degrees
Cohesion= 169 psf

Sample Location		Classification	DD,pcf	MC,%
B-7	7.0	CLAYEY SILT (ML)	90	30.3

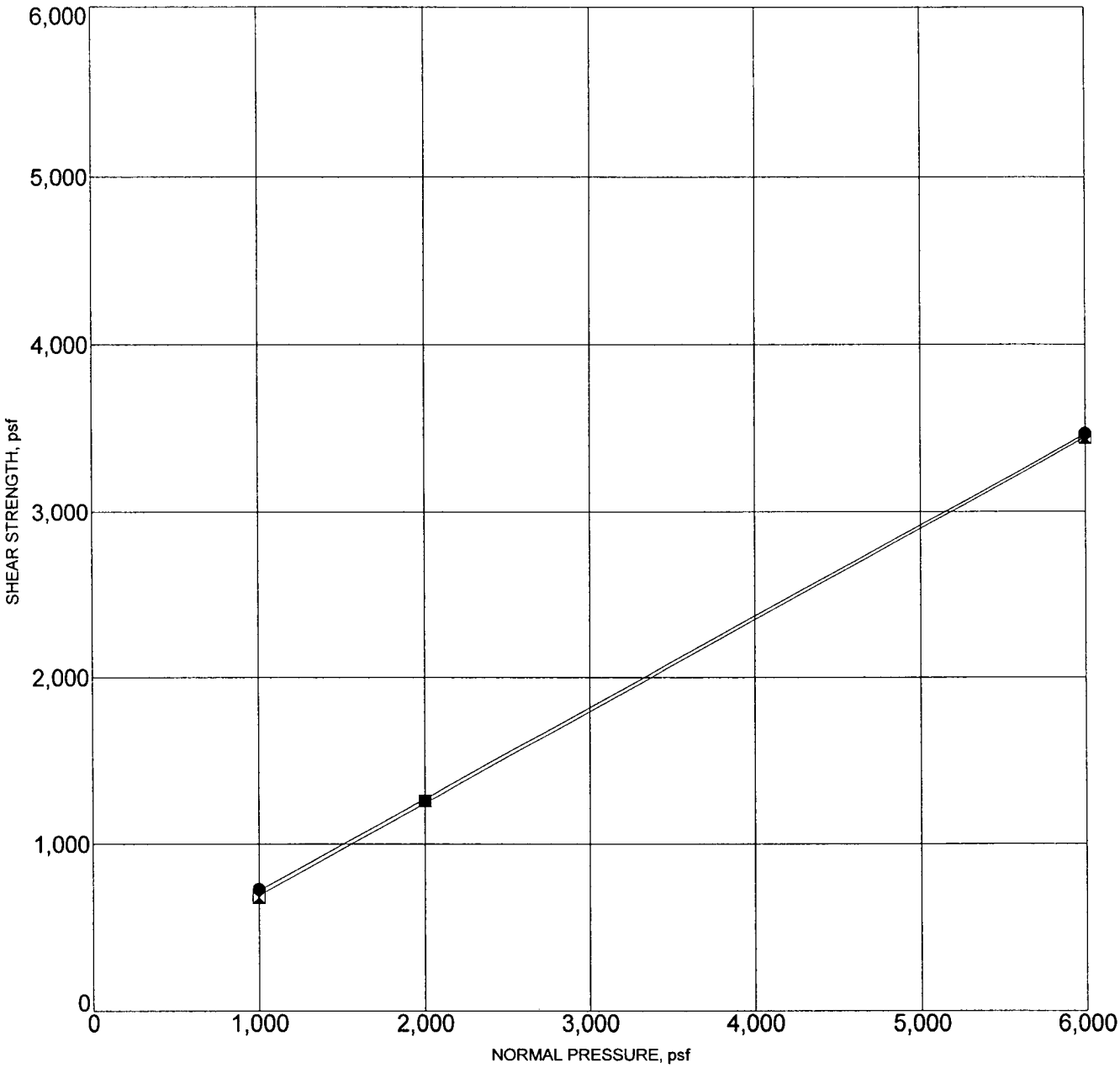
PROJECT: LONG BEACH CITY YARD

PROJECT NO.: 2348.I

GPI

DIRECT SHEAR TEST RESULTS

FIGURE C-2



● **PEAK STRENGTH**
Friction Angle= 29 degrees
Cohesion= 174 psf

⊠ **ULTIMATE STRENGTH**
Friction Angle= 29 degrees
Cohesion= 145 psf

Sample Location		Classification	DD,pcf	MC,%
B-12	7.0	CLAYEY SILT (ML)	86	36.0

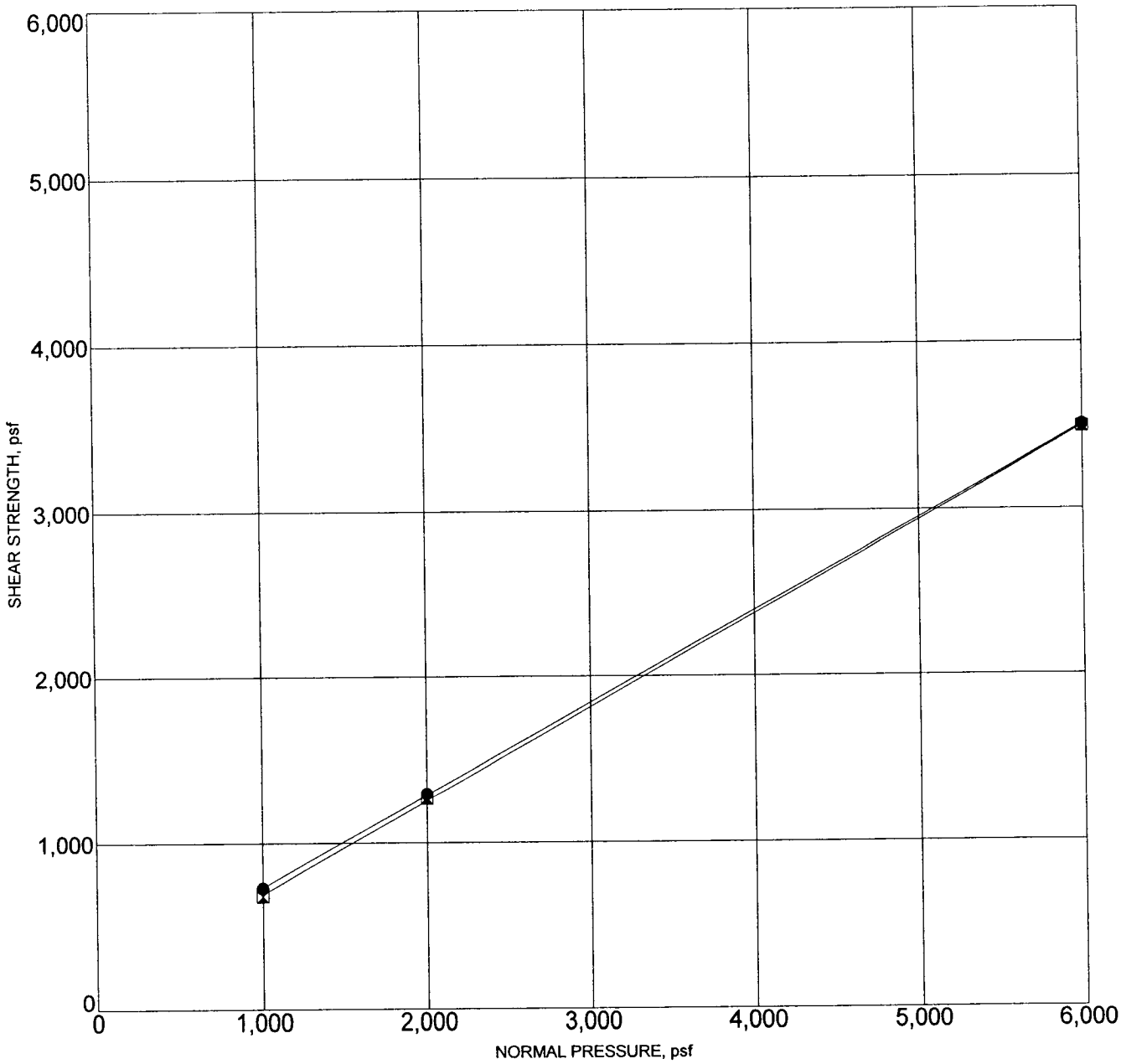
PROJECT: LONG BEACH CITY YARD

PROJECT NO.: 2348.I

GPI

DIRECT SHEAR TEST RESULTS

FIGURE C-3



● **PEAK STRENGTH**
Friction Angle= 29 degrees
Cohesion= 183 psf

☒ **ULTIMATE STRENGTH**
Friction Angle= 29 degrees
Cohesion= 137 psf

Note: Samples remolded to 90% of maximum dry density

Sample Location		Classification	DD,pcf	MC,%
B-13	0-3	SANDY SILT (ML)	102	16.0

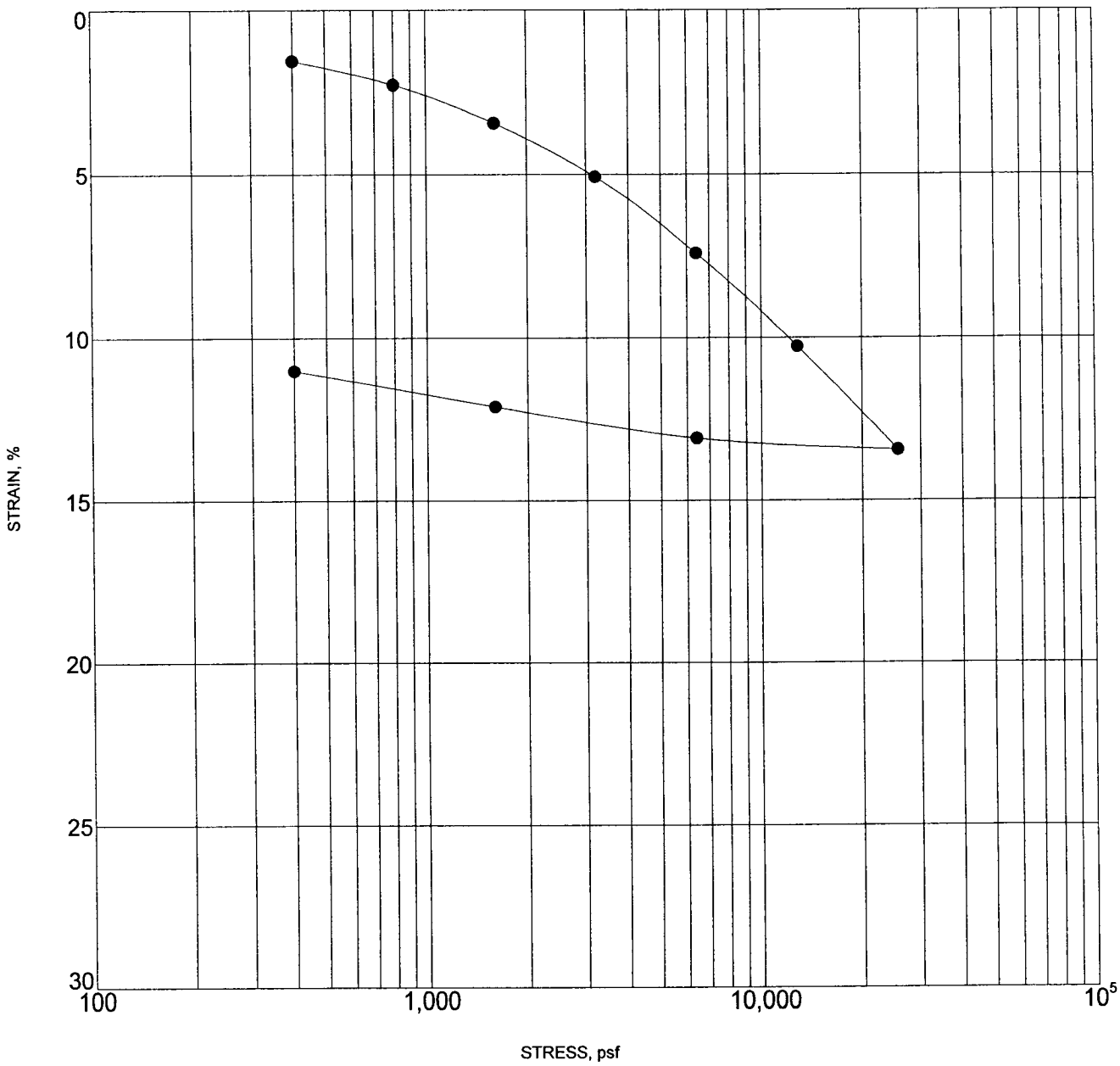
PROJECT: LONG BEACH CITY YARD

PROJECT NO.: 2348.I

GPI

DIRECT SHEAR TEST RESULTS

FIGURE C-4



Sample inundated at 1600 psf

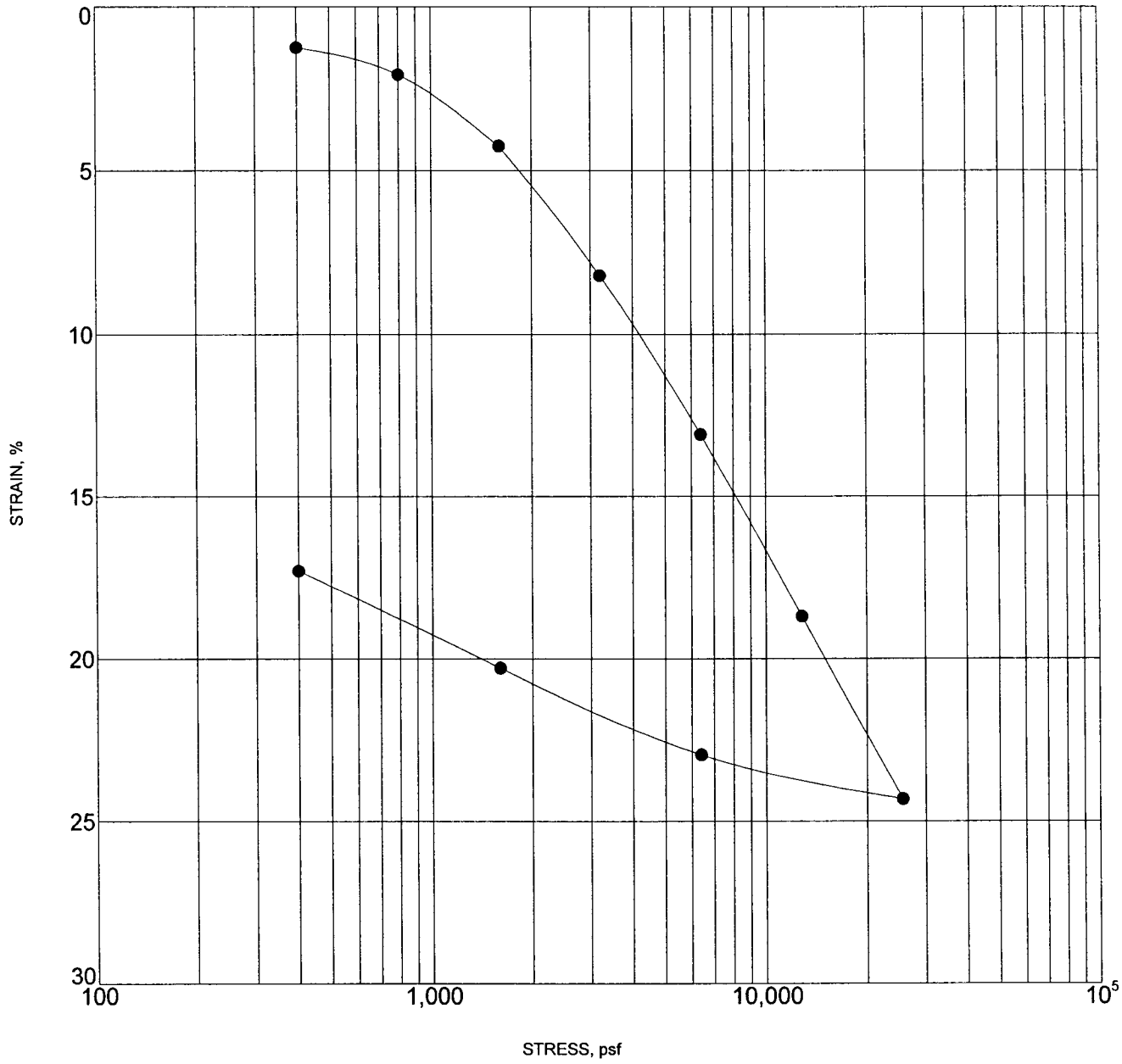
	Sample Location		Classification	DD,pcf	MC,%
●	B-4	10.0	SILTY CLAY (CL)	67	59.7

PROJECT: LONG BEACH CITY YARD PROJECT NO.: 2348.I

GPI

CONSOLIDATION TEST

FIGURE C-5



Sample inundated at 1600 psf

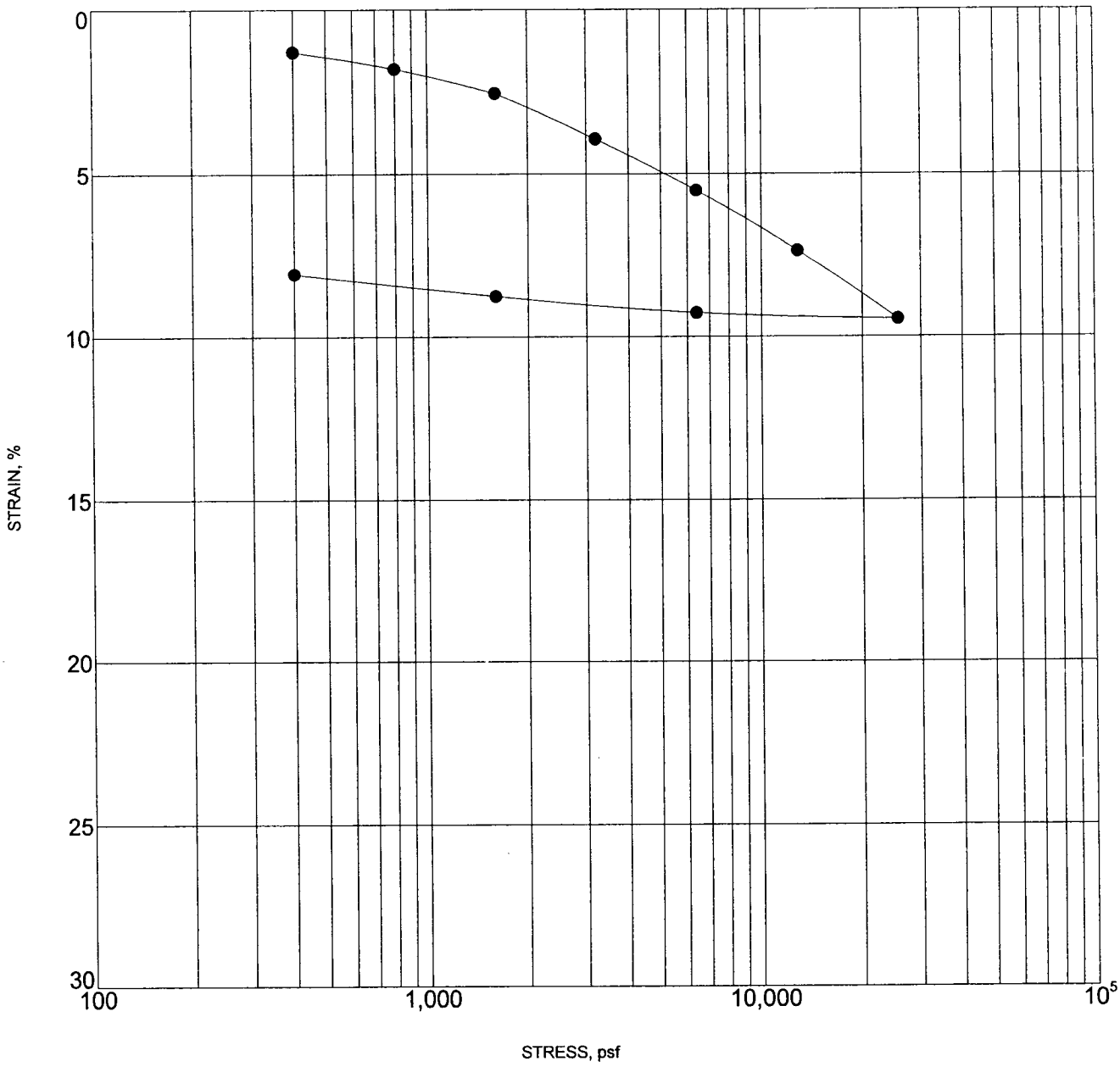
	Sample Location		Classification	DD,pcf	MC,%
●	B-5	15.0	CLAY (CL)	74	49.2

PROJECT: LONG BEACH CITY YARD PROJECT NO.: 2348.I

GPI

CONSOLIDATION TEST

FIGURE C-6



Sample inundated at 1600 psf

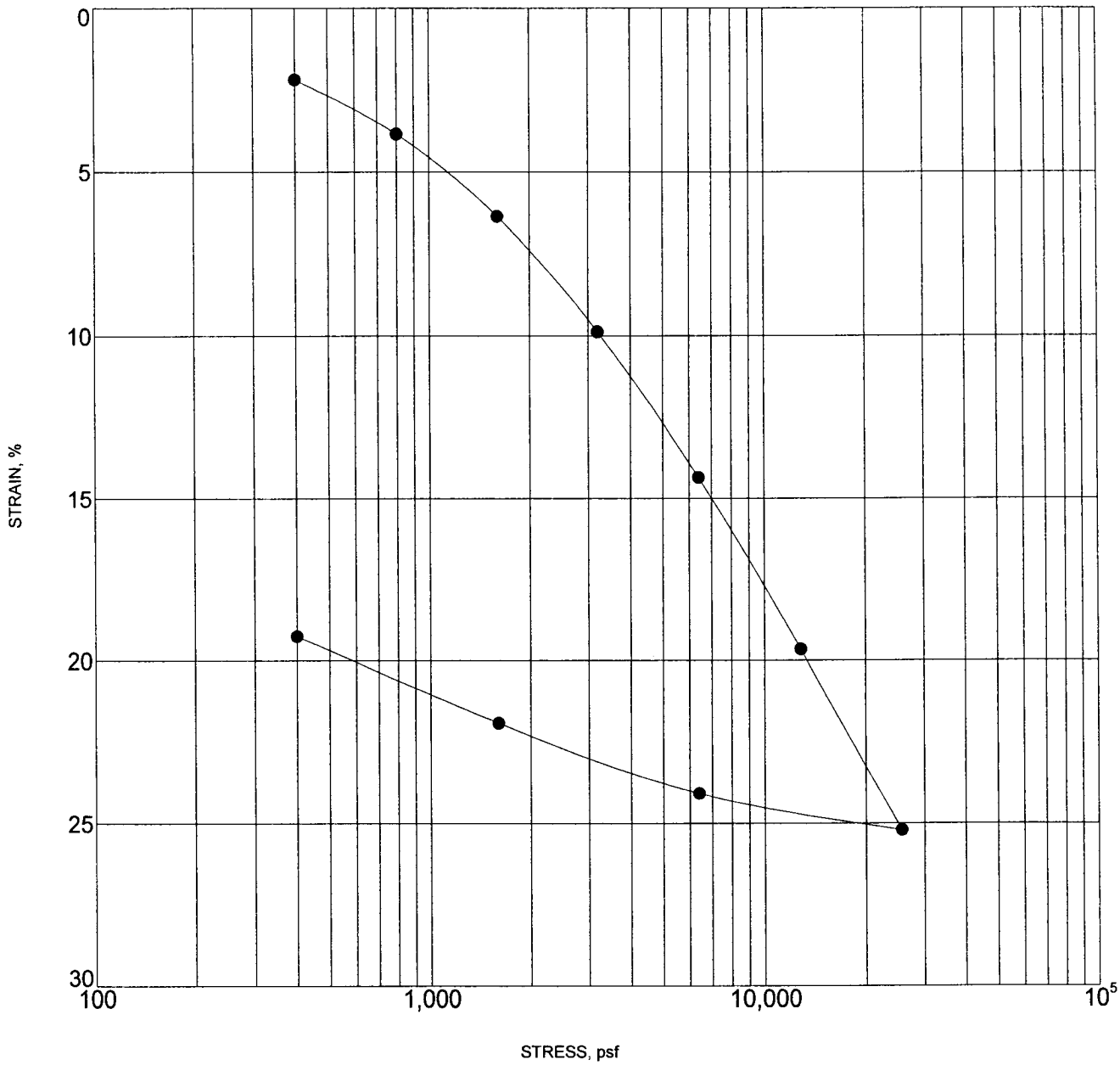
	Sample Location		Classification	DD,pcf	MC,%
●	B-8	7.0	CLAYEY SILT (ML)	82	29.9

PROJECT: LONG BEACH CITY YARD PROJECT NO.: 2348.I

GPI

CONSOLIDATION TEST

FIGURE C-7



Sample inundated at 1600 psf

	Sample Location		Classification	DD,pcf	MC,%
●	B-14	7.0	CLAY (CL)	71	48.3

PROJECT: LONG BEACH CITY YARD PROJECT NO.: 2348.I

GPI

CONSOLIDATION TEST

FIGURE C-8

SCHIFF ASSOCIATES

www.schiffassociates.com
Consulting Corrosion Engineers – Since 1959

Table 1 - Laboratory Tests on Soil Sample(s)

GPI
Long Beach City Yard
Your #2348.I, SA #10-1138LAB
3-Nov-10

Sample ID			B-4 @ 0-3' Clayey Silt (ML)
Resistivity		**Units**	
as-received		ohm-cm	760
saturated		ohm-cm	560
pH			7.8
Electrical Conductivity		mS/cm	0.87
Chemical Analyses			
Cations			
calcium	Ca^{2+}	mg/kg	114
magnesium	Mg^{2+}	mg/kg	45
sodium	Na^{1+}	mg/kg	830
potassium	K^{1+}	mg/kg	18
Anions			
carbonate	CO_3^{2-}	mg/kg	12
bicarbonate	HCO_3^{1-}	mg/kg	343
fluoride	F^{1-}	mg/kg	10
chloride	Cl^{1-}	mg/kg	20
sulfate	SO_4^{2-}	mg/kg	1,390
phosphate	PO_4^{3-}	mg/kg	3.3
Other Tests			
ammonium	NH_4^{1+}	mg/kg	ND
nitrate	NO_3^{1-}	mg/kg	92
sulfide	S^{2-}	qual	na
Redox		mV	na

Electrical conductivity in millisiemens/cm and chemical analysis were made on a 1:5 soil-to-water extract.
mg/kg = milligrams per kilogram (parts per million) of dry soil.
Redox = oxidation-reduction potential in millivolts
ND = not detected
na = not analyzed

431 West Baseline Road · Claremont, CA 91711
Phone: 909.626.0967 · Fax: 909.626.3316

Appendix E

Environmental Site Assessment Report

PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER LONG BEACH PUBLIC SERVICE YARD
5½ PARCELS AT ANAHEIM STREET AND SAN FRANCISCO AVENUE
LONG BEACH, CALIFORNIA 90813

Prepared for:

Alere Property Group, LLC
100 Bayview Circle, Suite 310
Newport Beach, CA 92660
(949) 509-5002

Prepared by:

SCS ENGINEERS
3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806
(562) 426-9544

July 13, 2015
File No. 01210161.11

This Phase I Environmental Site Assessment Report for the San Francisco Yard located at Anaheim Street and San Francisco Avenue, Long Beach, California, dated July 13, 2015, was prepared by Ashley Hutchens and reviewed by Kevin Green.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. The resumes for the individuals below are included in **Appendix G**. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Ashley P. Hutchens, REPA
Project Manager
SCS ENGINEERS

Kevin W. Green, P.G.
Project Director
SCS ENGINEERS

Table of Contents

Section		Page
EXECUTIVE SUMMARY		III
1	INTRODUCTION	1
2	PURPOSE	1
3	SCOPE OF SERVICES	1
4	SPECIAL TERMS AND CONDITIONS	2
5	LIMITATIONS AND ASSUMPTIONS	2
6	GENERAL SITE CHARACTERISTICS	3
	Site Location	3
	General Site Description	4
	Adjoining Property Use	4
7	PHYSICAL SETTING	5
	Physiographic Setting	5
	Geology and Soils	5
	Groundwater	5
	Radon	5
8	SITE INSPECTION	6
	Hazardous Substances	7
	Natural Drainage	7
	Disturbed Areas	7
	Elevators and Other Hydraulic Equipment	7
	Wells	7
	Electrical Equipment	7
	Wastewater	7
	Drinking Water	8
	Storage Tanks	8
	Visual Inspection of Adjoining Sites	8
9	INTERVIEWS	8
10	SITE HISTORY	9
	Historical Use Summary	13
	Historical Use of Adjoining Sites	14
11	COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION	14
	Previous Environmental Reports	14
	Summary of Previous Investigations	16
	Regulatory Agency Records	22
12	REVIEW OF FEDERAL, STATE, TRIBAL, AND LOCAL GOVERNMENT DATABASES	22
	Property Listings	23
	Adjacent Site Listings	26

(Contents Cont.)

Other Database Sites 26
Unmappable or Orphan Sites 27
Landfills 27
Oil and Gas Wells 28
National Pipeline Mapping System (NPMS) 28
13 USER PROVIDED INFORMATION 28
Title Records 29
Environmental Liens or Activity and Use Limitations 29
Specialized Knowledge 29
Valuation Reduction for Environmental Issues 29
14 DEGREE OF OBVIOUSNESS OF THE PRESENCE/LIKELY PRESENCE OF CONTAMINATION ON THE PROPERTY 29
15 DATA GAPS 30
16 FINDINGS AND OPINIONS 30
17 REFERENCES 35
18 GLOSSARY/DEFINITIONS 38

Appendices

A Figures 1 through 5
B Aerial Image and Site Photographs
C Historical Site Use Information
D Previous Reports (Included in Subfolder)
E Regulatory Agency Information – NFA Letters
F EDR Database Report
G Resumes of Project Personnel

EXECUTIVE SUMMARY

SCS Engineers (SCS) was retained by Alere Property Group, LLC (the "User") to prepare a Phase I Environmental Site Assessment (ESA) of the San Francisco Yard located at Anaheim Street and San Francisco Avenue in Long Beach, California (the "Property"). This assessment was performed in conformance with 40 CFR 312, Standards for Conducting All Appropriate Inquiries, and in general conformance with ASTM E1527-13.

- The Property consists of 10.74 acres of outdoor storage yard and is comprised of approximately five and a half parcels in Long Beach, California formerly associated with the Former Long Beach Public Service Yard (the "Former Service Yard"). Four and a half of these parcels are on contiguous city blocks and also include the intervening street rights-of-way (14th, Cowles, 15th, and 16th Streets) which were incorporated into the Former Service Yard and the current various storage yards. Numerous addresses have currently or historically been associated with the Property and it is important to note that operations on this portion of the Property were sometimes included under the address of 1725 San Francisco Avenue, although this address is physically north of the Property and still occupied by the City of Long Beach Public Service Yard.

  The northern-most parcel (940 Pacific Coast Highway, is located on the north side of the adjacent city block, approximately 700 feet north of the other parcels.

- The assigned Los Angeles County Tax Assessor's Parcel Numbers have varied in recent years and currently are (from north to south) 7271-017-015 (the northernmost noncontiguous parcel), 7271-012-020, 7271-012-023, eastern portion of 7271-011-008, 7271-008-013, and the most southerly parcel does not currently have an associated APN (may be due to recent or ongoing parcel change activity). In addition, APNs 7271-012-020, 7271-012-023, 7271-011-008 (eastern portion), and 7271-008-013 are currently being re-parceled. Certificate of Compliance No. 1411-08A (for APNs 7271-012-020 and 7271-012-023) and No. 1411-08C (for 7271-011-008 [eastern portion] and 7271-008-013) have been filed in official records of the Recorder's Office in Los Angeles County.

- The Property is currently occupied by three storage yards as follows (**Figure 3**): (1) The northerly noncontiguous parcel (APN 7271-017-015) is occupied by Ocean Blue Environmental Services, Inc. This parcel is approximately 0.34 acres and is used as a surplus storage yard for Ocean Blue's trailers and materials. (2) The northern portion of the contiguous area of the Property (APNs 7271-012-020 and 7271-012-023) is occupied by BakerCorp as a storage yard (the "Baker Yard"). The Baker Yard is comprised of approximately 4.01 acres and is used to store their empty tanks. (3) The southern portion of the contiguous area of the Property (APNs 7271-011-008 [eastern portion only], 7271-008-013, and the most southerly parcel, which does not currently have an associated APN, is occupied by Petros Tubular Services, Inc. (Petros) as a storage yard (the "Petros Yard"). The Petros yard is comprised of approximately 6.39 acres and is used to store pipes and fittings associated with the oil and gas industry.

- Prior to use as the above-mentioned storage yards, the Property was predominantly used by the City of Long Beach for various operations performed by Long Beach public service

departments (e.g. traffic management, street maintenance, and landscaping). SCS previously conducted a Phase I Assessment (SCS, February 22, 2005) for the City of Long Beach, the findings of which (detailed in Section 11 of this report) concluded that numerous RECs were identified on the southern portion of the Property (excluding the noncontiguous northern parcel), including a carwash, two clarifiers, paint spray booth, chemical cabinet, former fueling station, fill material containing debris from the 1933 earthquake and petroleum-related impacts to soil and/or groundwater from underground fuel storage tanks. Further, historic operations on these parcels have included vehicle and equipment maintenance, painting shop, chemical laboratory, landscaping departments, machine shop, etc. The locations and nature of these operations appeared to be transitory, and it was determined possible that waste oils, various pesticides, oils, paint and solvents were spilled or leaked over the 70 plus years of operation.

However, since the initial Phase I ESA in 2005, numerous phases of investigation and remediation have been conducted to investigate the previously identified recognized environmental conditions (RECs), the statuses of which can be summarized as follows:

- A previous Phase II investigation (SCS, August 2, 2005), was conducted to address concerns identified in the 2005 Phase I ESA. Based on the results of this investigation, the previously identified hazardous materials storage areas, previous use of solvents, and former fueling station were considered historical recognized environmental conditions (HRECs).

- A 1,000-gallon unused UST was located on the western portion of the 16th Street right-of-way just south of APN 7271-012-020 (**Figure 4a**). This UST was originally meant to contain solvent/kerosene, was installed on July 19, 1988, and removed in January 1999. Regulatory closure was received from the Joint Powers Agency (currently the Long Beach Department of Health and Human Services [DHHS]) in the "No Further Action (NFA)" Letter dated March 25, 1999 (**Appendix E**), which also provided closure for three (3) other USTs associated with the Long Beach Public Works Yard at 1725 San Francisco (not associated with the Property).

- A 550-gallon gasoline UST was located in the 14th Street right-of-way just north of APN 7271-007-903 (**Figure 4b**). The UST was removed on August 30, 1995. A groundwater investigation and subsequent monitoring events were conducted. The RWQCB issued an NFA letter for the 550-gallon UST at the 14th Street right-of-way dated July 6, 2011 (**Appendix E**). The associated groundwater monitoring wells were subsequently abandoned on July 22, 2011. Because the RWQCB closed the case allowing residual contamination to remain in place, this former UST is considered a controlled recognized environmental condition (CREC). The RWQCB did not make any restrictions regarding the UST; however appropriate measures should be taken if digging is to occur in the area.

- Two 12,000-gallon USTs were located at the northeast corner of APN 7271-008-013 at 1445 San Francisco Avenue (**Figure 4b**). The tanks (one gasoline and one diesel), installed November 1998 were removed on July 2, 2008. As a result of SCS's follow-up regarding the two 12,000-gallon USTs removed in 2008, the

RWQCB issued an NFA letter dated July 3, 2012. These two former USTs constitute an HREC with regards to the Property.

- A Phase II Investigation (conducted in November 2010) and geophysical survey (conducted in July 2012) were performed on the southern portion of former APN 7172-007-903 (no current APN assigned; **Figure 4b**) for the historical gas station located at 949 W. Anaheim, which is not a confirmed address of the Property, but was potentially located in this area. The November 2010 and July 2012 investigations of the southern portion of the Property found no obvious signs of former USTs or associated fuel-impacts indicative of a release associated with former USTs. As a result, the potential of a former service station at 949 W. Anaheim is considered to be an HREC.

- In April 2012, SCS inspected two suspect wells identified at 1601 San Francisco Avenue. The inspection, summarized in SCS' letter dated July 18, 2012, determined the wells to be 6-inch steel casings (the use of which was unknown), however they were determined not to be groundwater wells and therefore the well boxes and steel casings are determined to be a *de minimus condition*.

- Since the bulk of the fill soil (presumed 1933 earthquake debris) was anticipated on two parcels in the center of the contiguous portion of the Property (APNs 7271-011-008 and 7271-008-013) a Remedial Action Plan (SCS, March 2012, Revised May 2014) was prepared for this area. Very little fill soil existed on northerly and southerly portion of the contiguous portion of the Property (APN 7271-012-023 and previously identified APN 7271-007-005) and in order to expedite obtaining "no further action" letters for these parcels in anticipation of their eminent lease, a separate investigation under DHHS oversight was conducted. The results of this investigation (SCS, March 2, 2012) concluded that no evidence of significant impacts from lead or other metals associated with fill soil was identified. The DHHS subsequently issued NFA letters for these parcels dated July 11, 2012 (**Appendix E**). Therefore, the presence of fill soils on these two parcels is considered to be an HREC.

- In January 2013, clarifiers associated with former car wash (located within the fill area) and paint rinse areas were removed. Clarifier abandonment activities were conducted with oversight provided by Long Beach Fire Department and described in SCS's report, *Clarifier Removal Report, Former Long Beach Public Service Yard* dated February 2013. Approval of the clarifier closure was pending the remediation and an NFA has been requested from the DHHS. The clarifiers are considered to be an HREC, however, it is recommended that the follow-up with the DHHS be conducted until the NFA letter is issued.

- APNs 7271-011-008 and 7271-008-013, which held the bulk of the suspected earthquake debris, were remediated between August 2014 and February 2015. As part of the remedial excavation activities approximately 44,000 cubic yards of impacted material was excavated from the Property and placed on an area adjacent to the Property (western two-thirds of APN 7271-011-008) known as "the Long

Beach Parcel" (which is being re-purchased and will be maintained by the City of Long Beach) and is not a part of the Property.

Because debris extended beyond the Property boundaries, the impacted material was excavated to the extent possible without extending past the Property boundaries (i.e. into the river path). Therefore, impacted material will remain below the surface (and unexposed) in several other areas of the Property including: potentially beneath the building that remains on the Property, along the western property line, and in an area where the Southern California Edison pole and support are located. The limited impacted areas that remain are depicted on **Figure 5**; if any digging were to occur in these areas, appropriate measures should be taken. Approximately 12,614 cubic yards of clean soil was imported from two construction sites for backfill of the remedial excavation area on the Property. The excavation was backfilled, graded, and compacted prior to being asphalt paved for use by Petros. A total of 78 confirmation samples (S1 through S78) were collected on a grid spacing of approximately every 50 feet. Concentrations of lead in the 78 samples ranged from non-detect (less than 2.5 mg/kg) to 102 mg/kg, all well below the cleanup goal of 320 mg/kg. The DHHS issued an NFA letter dated April 27, 2015 (**Appendix E**). The presence of residual fill debris with elevated lead concentrations in certain areas of the Property is considered a CREC.

- Regulatory database information identified the Property on the HAZNET, Historical Cortese, Historical Auto Station, CDL, LUST, RCRA-SQG, FINDS, and UST databases. The Cortese, LUST and UST database listings appear to relate to the historic UST operations, removals, and cleanups. Other EDR report information indicated that wastes such as organic solids, oil-containing wastes, aqueous solutions with organic residues, asbestos containing waste, unspecified solvent mixture waste, and waste oil and mixed oil, were used on the Property. As a result of the previous investigations and/or current use of the Property, the listings of the Property on the associated databases are considered to be CRECs or HRECs.

Observations during the site inspection indicate that adjacent properties are currently occupied by numerous commercial/industrial operators. No obvious RECs for the Property were identified on these adjacent sites. However, regulatory database information also indicates that numerous sites within 0.25 miles of the Property have had releases of substances including hydrocarbons and volatile organic compounds, and groundwater in the area has been impacted. Based on this information, it is possible that impacted groundwater from these sites has migrated beneath the Property.

Conclusions

In the opinion of the Environmental Professionals, this assessment has revealed no evidence of conditions indicative of releases or threatened releases of hazardous substances other than the HRECs and CRECs as discussed above. Six NFA letters have been issued in association with the Property and one is currently pending in association with the former clarifiers. Further investigation is not recommended.

Data Gaps

The User Questionnaire was not returned to SCS. Given all the other information gathered during the course of this and previous investigations, this data gap is not considered significant.

1 INTRODUCTION

SCS Engineers (SCS) was retained by Alere Property Group, LLC (the "User") to prepare a Phase I Environmental Site Assessment (ESA) of the San Francisco Yard located at Anaheim Street and San Francisco Avenue in Long Beach, California (the "Property"). A location map for the Property is presented as **Figure 1** in **Appendix A**. This assessment was performed in conformance with 40 CFR 312, Standards for Conducting All Appropriate Inquiries, and in general conformance with ASTM E1527-13.

2 PURPOSE

The purpose of this investigation was to identify conditions indicative of releases or threatened releases of hazardous substances as defined in CERCLA section 101, and petroleum products, on, at, in, or to the Property.

This assessment is intended to constitute appropriate inquiry into the previous ownership and uses of the property, as required to support the assertion of the innocent landowner, contiguous property owner, and/or bona fide prospective purchaser defenses to liability (collectively the landowner liability protections, or LLPs) under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA a.k.a. Superfund), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA) and the Small Business Liability Relief and Brownfields Revitalization Act of 2002.

If known or suspected contamination is identified, Users seeking to maintain LLPs have responsibilities in addition to completion of an AAI-compliant Phase I ESA. These "continuing obligations" include taking "appropriate care" and "reasonable steps" with respect to known or suspected releases of hazardous substances during the term of property ownership. In addition to these requirements under Federal law, there are different requirements under state law with respect to liability protections. On request, SCS Engineers can provide support for clients with continuing obligations, as appropriate.

3 SCOPE OF SERVICES

This Phase I ESA is based on:

- Interviews with past and/or present owners, operators, and/or occupants of the Property.
- Reviews of federal, tribal, state, and local government records.
- Visual inspections of the Property and adjoining properties performed on July 2, 2015.
- Review of historical Property use information (topographic maps, aerial photographs, fire insurance maps, existing reports, etc.).
- Commonly known or reasonably ascertainable information about the Property (e.g., interviews with appropriate regulatory agency personnel and review of agency files review of available documents, interviews with other knowledgeable persons).

- Degree of obviousness of the presence or likely presence of contamination at the Property, and the ability to detect the contamination by appropriate investigation.
- Information provided as a result of the additional inquiries conducted by the User.

4 SPECIAL TERMS AND CONDITIONS

This Phase I ESA for the San Francisco yard located at Anaheim Street and San Francisco Avenue in Long Beach, California has been prepared specifically for Alere Property Group, LLC. The report has been prepared in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, in this or similar localities. No other warranty, express or implied, is made as to the professional opinions presented herein.

No other party, known or unknown to SCS, is intended as a beneficiary of this work product, its content or information embedded therein. Third parties use this report at their own risk. Third party reliance letters may be issued on request to SCS subject to approval of Alere Property Group, LLC and payment to SCS of a fee for such letters.

5 LIMITATIONS AND ASSUMPTIONS

The investigation focused on releases and threatened releases of hazardous substances or petroleum products that could be considered a recognized environmental condition (REC) and/or a liability due to their possible presence in significant concentrations (e.g., above acceptable limits set by the Federal or state government) or due to the potential for contaminant migration through exposure pathways (e.g., groundwater). Materials that may contain substances which are not currently deemed hazardous by the federal or state of California EPA were not considered as part of this study.

Unless specifically included in our scope of services, formal surveys for asbestos-containing materials, lead-based paints, fire safety, vapor intrusion, indoor air quality, mold, and similar matters were not part of this assessment. The Property was not evaluated for compliance with land use, zoning, wetlands, or similar laws. This report is not intended to be an environmental compliance audit.

Hazardous substances naturally occurring in plants, soils, and rocks (e.g., heavy metals, naturally occurring asbestos, or radon) are not typically considered in these investigations. Similarly, construction debris (e.g., discarded concrete, asphalt) is not considered to be of concern unless observations suggest that hazardous substances are likely to be present in significant concentrations.

Unless otherwise noted, sampling and laboratory analyses of soil, water, air, building materials, or other media, were not performed as part of this investigation. Positive identification of hazardous substances can only be accomplished through sampling and appropriate laboratory analysis.

SCS Engineers assumes no responsibility for the accuracy of information obtained from, compiled by, or provided by third-party sources, such as regulatory agency listings. Unless obviously inaccurate or if information exists to the contrary, SCS Engineers assumes that

information collected during this environmental site assessment is accurate and correct. Unless warranted, information collected has not been independently validated as part of this assessment.

The following information is the responsibility of the User (40 CFR 312.22) and is not included in this Phase I Assessment Report:

- Specialized knowledge or experience of the User.
- The relationship of the purchase price to the fair market value of the Property. The purchaser of a Property is required to consider whether any differential between the purchase price and the fair market value of the Property is due to the presence of releases or potential releases of hazardous substances at the Property.

Certain other limitations could affect the accuracy and completeness of this report, as follows:

- Site Access Limitations – Access to the Baker Tanks storage yard was not available during the July 2, 2015 site walk, however the site was visible from the street and observations from the adjacent river path were made.
- Physical Obstructions to Observations – The Property is primarily used as storage yards by three different facilities, portions of the yards were obstructed by the storage of piping, empty tanks,
- Outstanding Information Requests – None
- Historical Data Sources Failure – None
- Other Limitations – None

6 GENERAL SITE CHARACTERISTICS

SITE LOCATION

The Property consists of 10.74 acres of outdoor storage yard and is comprised of approximately five and a half parcels in Long Beach, California. The Property was formerly part of the Long Beach Public Service Yard (the "Former Service Yard"). Four and a half of these parcels are on contiguous city blocks bounded by West Anaheim to the south, San Francisco Avenue to the east, the Long Beach Public Service Yard to the north, and the Los Angeles River Flood Control Channel to the west. These contiguous parcels also include the intervening street rights-of-way (14th, Cowles, 15th, and 16th Streets) which were incorporated into the Former Service Yard and the current various storage yards. Numerous addresses have currently or historically been associated with the Property and it is important to note that operations on this portion of the Property were sometimes included under the address of 1725 San Francisco Avenue, although this address is physically north of the Property and still occupied by the City of Long Beach Public Service Yard.

The fifth parcel is located on the northwestern quadrant of the city block bounded by Esther Street to the south, San Francisco Avenue to the east, Pacific Coast Highway to the north, and the

Los Angeles River Flood Control Channel to the west. This northernmost parcel is located approximately 700 feet north of the other parcels and has an address of 940 Pacific Coast Highway.

The assigned Los Angeles County Tax Assessor's Parcel Numbers have varied in recent years and currently are (from north to south) 7271-017-015 (the northernmost noncontiguous parcel), 7271-012-020, 7271-012-023, eastern portion of 7271-011-008, 7271-008-013, and the most southerly parcel does not currently have an associated APN according to the County Tax Assessor's website (may be due to recent or ongoing parcel change activity). In addition, APNs 7271-012-020, 7271-012-023, 7271-011-008 (eastern portion), and 7271-008-013 are currently being re-parceled. Certificate of Compliance No. 1411-08A (for APNs 7271-012-020 and 7271-012-023) and No. 1411-08C (for 7271-011-008 [eastern portion] and 7271-008-013) have been filed in official records of the Recorder's Office in Los Angeles County.

APN maps and the Certificate of Compliance showing the Property are provided as **Figure 2a and 2b** in **Appendix A**. A March 2015 aerial photograph of the Property and surrounding area is provided as **Figure 3**.

GENERAL SITE DESCRIPTION

As depicted on **Figure 3**, the Property is leased by three different facilities as follows:

The northerly noncontiguous parcel (APN 7271-017-015) is occupied by Ocean Blue Environmental Services, Inc. (Ocean Blue). This parcel is approximately 0.34 acres and is used as a surplus storage yard for Ocean Blue's trailers and materials (Ocean Blue Yard).

The northern portion of the contiguous area of the Property (APNs 7271-012-020 and 7271-012-023) is occupied by BakerCorp (Baker) as a storage yard (the "Baker Yard"). The Baker Yard is comprised of approximately 4.01 acres and is used to store their empty tanks.

The southern portion of the contiguous area of the Property (APNs 7271-011-008 [eastern portion only], 7271-008-013, and the most southerly parcel which does not currently have an associated APN) is occupied by Petros Tubular Services, Inc. (Petros) as a storage yard (the "Petros Yard"). The Petros yard is comprised of approximately 6.39 acres and is used to store pipes and fittings associated with the oil and gas industry.

The yards are mostly asphalt paved and according to the Los Angeles County Tax Assessor's parcel maps, the contiguous portion of the Property includes the intervening streets that historically ran between parcels.

ADJOINING PROPERTY USE

Adjacent properties to the noncontiguous northerly parcel (APN 7271-017-015) consist of the following:

- North – Pacific Coast Highway overpass, across which is residential property
- East – Goodwill services yard

- South – Ocean Blue Environmental Services
- West – The Los Angeles River and associated river trail, across which is industrial property

Adjacent properties to the four and a half contiguous parcels consist of the following:

- North – Long Beach Public Service Yard
- East – Commercial/Industrial properties (identified on **Figures 4a and 4b**)
- South – Anaheim Avenue overpass, across which is commercial/industrial property
- West – The Los Angeles River and associated river trail, across which is industrial property

7 PHYSICAL SETTING

PHYSIOGRAPHIC SETTING

According to the U.S. Geological Survey (USGS), Long Beach (1964, photorevised 1981), California 7.5 minute topographic map, the Property is located immediately east of the Los Angeles River at an elevation of approximately five feet above mean sea level about 1.3 miles north of San Pedro Bay. Regional topography is relatively flat with a gentle slope to the west.

GEOLOGY AND SOILS

Geologic maps indicate that surface sediments in the area are Quaternary alluvium and coastal deposits of silt, sand, and gravel that are underlain by the late Pleistocene Lakewood Formation. The Lakewood Formation, which consists of gravel, sand, sandy silt, silt and clay with shale pebbles, extends to a depth of approximately 100 feet (California DWR, Bulletin No.104). Sediments below the Lakewood Formation belong to the late Pleistocene San Pedro Formation.

GROUNDWATER

The Property is located in the southern portion of the West Coast Groundwater Basin. The first groundwater aquifer in the region is within the Gage Aquifer within the Lakewood Formation. Based on groundwater monitoring reports for a former underground storage tank (UST) site located in the 14th Street right-of-way on the Property (SCS, April 2010), first groundwater is approximately 4 to 5 feet below ground surface (bgs) and flows southeasterly in direction. Shallow groundwater has locally been impacted by saltwater intrusion; therefore, it is not used as a drinking water source. Groundwater beneath the Property may be tidally influenced due to tides in the adjacent Los Angeles River. Groundwater in the area of the former 14th Street right-of-way UST has been impacted by gasoline-related constituents.

RADON

According to the California Department of Health Service's October 2002 report *Radon Database for California* and the June 2008 update to this report, screening in the area of the Property (90813) found no locations where buildings had radon levels in excess of 4 pCi/L (the

EPA action level). The alluvial geology of the Long Beach area is not normally associated with elevated radon levels. Based on the available information, therefore, elevated radon gas is not expected in the area of the Property.

8 SITE INSPECTION

An inspection of the Property and surrounding area was conducted on July 2, 2015, by Ashley Hutchens of SCS. A sketch map and photographs of the Property are provided in **Appendix B**. A description of the three storage yards occupying the Property, from north to south, is presented in the following narrative.

Ocean Blue Yard

The most northerly parcel (APN 7271-017-015) occupies the northwesterly portion of the city block bounded by Pacific Coast Highway to the north, San Francisco Avenue to the east, Esther Street to the south, and the Los Angeles River Flood Control Channel to the west. Access to this parcel was provided by Mr. Justin Lee, Director of Ocean Blue. The area is comprised of 0.34 acres and was used to store Ocean Blue's tractor trailers, bins, booms, etc. used for cleanup at their jobsites. No permanent structures were present on the Property. The parcel was asphalt paved and fenced with the exception of the southern boundary which continues into the remainder of the Ocean Blue yard (not a part of the Property).

Baker Yard

The Baker Yard consists of the northern portion of the contiguous area of the Property (APNs 7271-012-020 and 7271-012-023) and is comprised of approximately 4.01 acres. The Baker Yard was not accessible for inspection during the July 2, 2015 site walk and was therefore observed from the perimeter. Three structures were observed on the Property and the remaining areas are used for storage. Baker stores various types of mobile tanks which are then transported to various jobsites as needed. Storm drains and associated concrete channels were observed across the yard.

Petros Yard

The Petros Yard consists of the southern portion of the contiguous area of the Property (APNs 7271-011-008 [eastern portion only], 7271-008-013, and the most southerly parcel which does not currently have an associated APN). Access to this area was provided by Mr. Servando Ruiz, Supervisor for Petros. The Petros Yard is comprised of approximately 6.39 acres and is used to store oil and gas pipes and associated fittings. The fittings are stored in a caged area located on the east side of the southerly parcel. Petros has recently taken over the northern portion of their yard consisting of APNs 7271-008-013 and eastern portion of 7271-011-008.

A curb and storm drain were observed on the western side of the southerly parcel which appear to be remnants of De Forest Avenue. Several other storm drains were observed across the Petros Yard.

Two 55-gallon drums of diesel fuel were observed an open shed in the cage area on the south parcel. The drums are stored on secondary containment and a spill kit was observed adjacent to the drums. Concrete forms with an oily film were observed on the western portion of the south

parcel. Mr. Ruiz indicated they use diesel to "grease" the forms prior to pouring the concrete into the forms. The diesel is also used for the forklifts used in the Petros Yard.

HAZARDOUS SUBSTANCES

During the site inspection the only hazardous substance observed was the diesel fuel in the Petros Yard, as described above. Mr. Ruiz indicated the drums, located on secondary containment, are replenished every few weeks.

NATURAL DRAINAGE

Natural waterways are not currently located on the Property. The Los Angeles River Flood Control Channel is located immediately west of the Property. Numerous storm drains were observed on the Property. Runoff from the Property drains to these storm drains and to the surrounding streets.

DISTURBED AREAS

No obvious disturbed areas were observed during the site inspection.

ELEVATORS AND OTHER HYDRAULIC EQUIPMENT

No elevators or other hydraulic equipment were observed on the Property.

WELLS

No wells were observed on the Property. Groundwater wells were previously located on the Property in association with a former UST as discussed in a later section of this report.

ELECTRICAL EQUIPMENT

A new pad-mounted electrical transformer was observed at the northeast corner of APN 7271-008-013 of the Petros Yard. SCE has stated that they have never specified the purchase of distribution transformers utilizing PCBs as the insulating/cooling fluid. SCE transformers utilize mineral oil exclusively. In a statistically valid test of over 20,000 SCE distribution transformers, SCE determined that the concentrations of PCBs in the mineral oils was less than 50 parts per million (ppm) in over 96 percent of the units.

WASTEWATER

Domestic sanitary sewage generated on the Property, if any, would be discharged to the city sewer system.

DRINKING WATER

Drinking water is supplied to the Property by the City of Long Beach. All large public water suppliers in California have been required to test their water and comply with federal and state drinking water standards since the mid-1980s. Consequently, lead and other contaminants of concern are not expected to be present in the drinking water supply above applicable primary and secondary drinking water standards.

STORAGE TANKS

Other than the numerous empty above-ground storage tanks at the Baker Yard, no above ground or underground storage tanks that were in-use were observed on the Property. Former USTs were located on the Property as discussed in a later section of this report.

VISUAL INSPECTION OF ADJOINING SITES

Businesses observed on adjoining sites during the site inspection included: Harbor Custom Canvas, L.W. Hydraulic Services LLC, The Food Bank of Southern California (and associated parking lot), Gulf Marine and Industrial Supplies Inc., Ready Storage, BCIA Precision Casting, Graybar Distributor of Electrical and Comm/Data Products, Long Beach Seafood Co., L&L Towing and Impound Alley, Goodwill (and associated parking lots), and Ocean Blue Environmental Services.

No obvious RECs were observed on any of the adjacent properties, however three aboveground fuel storage tanks were observed at the adjacent Ocean Blue facility. In addition, Ocean Blue conducts auto maintenance operations of their vehicles and stores containerized hazardous materials from various job sites on a trailer for a maximum of 10 days.

9 INTERVIEWS

Ocean Blue Yard

During the site inspection on July 2, 2015, Mr. Justin Lee, Director of Ocean Blue, indicated that they use the Property for storage primarily of boom adsorbent materials, empty storage bins, and tanker trucks. Mr. Lee indicated that hazardous materials are not stored on the Property with the exception of an occasional tanker truck that comes from a job site in the middle of the night and the contents are held in the tanker until the next day when they can be taken to an appropriate facility for disposal. Mr. Lee indicated that Ocean Blue has not received any violations and has not had any spills. The occasional temporary storage of hazardous wastes in the tanker trucks is considered to be a *de minimis condition.*

Baker Yard

The Baker Yard was not accessible for inspection during the July 2, 2015 site walk. However, this portion of the Property was inspected from the perimeter and Baker was contacted by phone for an interview. Ms. Tanya Pratt, Corporate Real Estate Manager for Baker, answered questions regarding the Baker Yard by phone on July 10, 2015. Mr. Pratt indicated that Baker has leased

the Property since February 2012 and leases only the yard for storage of their tanks, they do not use the structures on the Property. The tanks are empty when stored on the Property and after use on various job-sites the contents are emptied and tanks cleaned prior to their return to the Property.

Petros Yard

During the site inspection on July 2, 2015, Mr. Servando Ruiz, Supervisor for Petros indicated they have occupied the southern portion of their current yard for approximately three years. Petros recently expanded to the northern portion of the Property in late 2014.

10 SITE HISTORY

Site history was evaluated from the following sources:

- Historic U.S. Geological Survey (USGS) topographic maps provided by Environmental Data Resources (EDR) (June 17, 2015).
- Historical aerial photographs dating from 1923, 1928, 1947, 1953, 1963, 1972, 1987, 1989, 1994, 2002, 2005, 2009, 2010, and 2012 provided by Environmental Data Resources (EDR) (June 18, 2015).
- City of Long Beach Department of Building and Safety building permit information. Sanborn Fire Insurance maps from the years 1949, 1950, and 1963 obtained from the EDR-Sanborn collection (October 4, 2010 and June 19, 2015).
- City Directory review report provided by EDR (June 17, 2015).

Copies of Sanborn maps, aerial photographs, city directories, topographic maps are included in **Appendix C**.

APN/Address	Year	Description	Source
Undetermined	1925	Two buildings are depicted on the southern half of the contiguous portion of the Property	Topo Map
7271-017-015 (940 Pacific Coast Highway)	1923/ 1928	Vacant	Aerial
	1939	Hotel and Café	Building Permits
	1947	The parcel has been developed with a structure.	Aerial
	1950	The parcel is developed with a 34 room structure.	Sanborn
	1953	The parcel appears similar to the 1947 photo.	Aerial
	1963	The parcel is occupied by the Southern Motel Inn and appears similar to the 1953 photo.	Sanborn/ Aerial
	1972	The parcel is still occupied by a structure similar to the 1963 photo.	Aerial
	1987/ 1989	The parcel appears similar to the 1972 photo.	Aerial
	1990	Demo hotel building to ground level.	Building Permits

APN/Address	Year	Description	Source
	1994	The parcel appears to be vacant (unable to determine if the structure is present in the 1989 aerial due to poor resolution).	Aerial
	2005	The parcel appears predominately vacant, however due to more resolution, it is difficult to determine if a structure is present on a small portion.	Aerial
	2009/ 2010/ 2012	The parcel appears vacant.	Aerial
7271-012-020 (1601-1607 San Francisco Ave, 921-925 W. 16th St.)	1923/ 1928	Vacant	Aerial
	1947	The parcel has been developed with several structures.	Aerial
	1950	Occupied by Long Beach City Yard. Depicted structures include: offices, cement and car storage, general storage, vehicle storage and repair, and concrete sump/storm drain were located on the parcel.	Sanborn/ Building Permits
	1952	Paint Shop and vehicle shed, city public service department	Building Permits/City Directories
	1953	The parcel appears similar to the 1947 photo.	Aerial
	1963	Depicted structures include: "autos and storage," general storage, and sump/storm drain. The parcel appears similar to the 1953 photo.	Sanborn/ Aerial
	1964-2006	Long Beach City of Public Service Bureau	City Directories
	1995	Convert storage bldg into traffic signal office	Building Permits
	2006	"SV BUR GAS" is one of several occupants at 1601 San Francisco Ave	City Directories
	2010	The parcel appears similar to previous photos.	Aerial
	2012	The parcel is part of the Baker Yard and appears similar to its current condition.	Aerial
7271-012-023 (1501 San Francisco, 925 W. 15th St, 926 W. 16th St.)	1923/ 1928	Vacant	Aerial
	1950	Vacant	Sanborn
	1953	Several structures are present on the northern portion of the parcel.	Aerial
	1963	Occupied by Long Beach City Yard. Depicted structures include: offices, a sign shop, a paint shop, and car storage.	Sanborn
	1972/ 1987	Several additional structures are present on the southern portion of the parcel.	Aerial
	2010	The parcel appears similar to previous photos.	Aerial

APN/Address	Year	Description	Source
	2012	The parcel is part of the Baker Yard and appears similar to its current condition.	Aerial
Eastern Portion of 7271-011-008 (1451-1485 San Francisco Ave)	1923/ 1928	Vacant	Aerial
	1939 (thru 2000)	Long Beach City Chemistry & Testing Lab (1475 San Francisco Ave) listed as occupant through 2000	City Directories
	1947	The parcel has been developed with numerous structures fronting San Francisco Avenue.	Aerial
	1950	Occupied by Long Beach City Yard. Depicted structures include: a lab, storage facility, a repair shop, a kennel, gas chambers, a hutch, carpentry, and an office.	Sanborn
	1953/ 1963	The parcel appears similar to the 1947 photo.	Aerial
	1963	Occupied by Long Beach City Yard Maintenance Department. Depicted structures include: a lab, storage facilities, a repair shop, a paint shop with a metal spray booth, and offices.	Sanborn
	1972 through 2012	The parcel appears similar to the 1953 photo.	Aerial
	2000 (since 1939)	Chemistry Lab still listed as occupant	City Directories/ Building Permits
7271-008-013 (901-935 W. 14th St/1401-1455 San Francisco Ave)	1923	A structure is present on the eastern portion of the parcel.	Aerial
	1926	A municipal garage is listed at 1401 San Francisco Ave	City Directories
	1928	The parcel is occupied by several structures	Aerial
	1929	A storage shed and municipal garage owned by the City of Long Beach were located on the Property at 901 W. 14th Street and 1401 San Francisco Avenue.	Building Permits
	1931	City Garage	City Directories
	1932	Carpenter Shop and Store Room	Building Permits
	1947	The parcel has been developed with numerous additional structures.	Aerial
	1950	Occupied by Long Beach Public Service Dept. Depicted structures include: warehouses, woodworking and plumbing, storage, and paint shop.	Sanborn/City Directories
	1953	Several structures are present on the parcel and it appears to be paved.	Aerial

APN/Address	Year	Description	Source
	1963	Additional details indicate operations including: parking Meter Dept, electrical warehouse, surveyors equipment storage, paint storage	Sanborn
	1972	The parcel appears to have the same structures as previous photos and additional smaller structures (possibly storage) are present.	Aerial
	1989	The parcel appears similar to the 1972 photo, with storage of different (unknown) items.	Aerial
	2002/ 2005	Parcel appears similar to previous photos.	Aerial
	2008	Removal of 2 USTs @ Site 43 (permit listed under 1725 San Francisco Ave, however the physical location of the USTs is known to be 1445 San Francisco Ave).	Building Permits
	2010/ 2012	Parcel appears similar to previous photos.	Aerial
No current APN assigned (most recently 7271-007-903) (901-935 W. Anaheim ST./ 1301-1327 San Francisco Ave/ 934-960 W. 14th St)	1923	The parcel has several small structures.	Aerial
	1924	Office-Warehouse	Building Permits
	1926	Superior Laundry was listed at 1317 San Francisco Ave.	City Directories
	1928	The parcel is occupied by several new structures at the southeast corner.	Aerial
	1931-1935	Gas Station at 949 West Anaheim Street, it is possible that this is a historical address of this parcel.	City Directories
	1939 - 1969	Fickling Lumber Company occupied 929 W. Anaheim St. through 1969.	City Directories
	1947	The parcel has been developed with several additional structures.	Aerial
	1950	Occupied by Fickling Lumber Company. Depicted structures include: planning mill, lumber shed, dog and cat hospital and kennel, Long Beach Janitor Supply Co and "Co. Chemols".	Sanborn/City Directories
	1953	A road is traversing north to south on the westerly portion of this parcel connecting to 14th Street with numerous structures on the east portion.	Aerial
	1963	Occupied by A.E. Fickling Lumber Company. Depicted structures include: lumber storage, a mill, and building supplies. De Forest Avenue traversed north-south through the western portion of the parcel.	Sanborn/ Aerial
	1972	Parcel appears similar to the previous photos.	Aerial
	1981	Demolish wood shed	Building Permits
	1982	Construct new office & 10 garages - Permit stamped VOID.	Building Permits

APN/Address	Year	Description	Source
	1983	Change of address from 1317 San Francisco to 901 W. Anaheim.	Building Permits
	1989/ 1994	The road is no longer traversing this parcel; the entire parcel appears to be parking.	Aerial
	2000	Occupied by Long Beach City Auto Towing Operation.	City Directories
	2005/ 2009/ 2010/ 2012	Parcel appears predominantly vacant with the exception of a structure at the east/southeast corner and potentially several vehicles.	Aerial
	2013	Petros Tubular	City Directories

HISTORICAL USE SUMMARY

Historical information indicates that portions of the Property were developed for commercial use as early as 1926, and have been used for commercial or industrial purposes since that time. Superior Laundry was identified in only the 1926 city directory at 1317 San Francisco Avenue. A gas station was identified in the city directories at 949 West Anaheim Street from at least 1931 to 1935. Confirmed street addresses for this portion of the Property are known to be 901-935 West Anaheim Street, however it is possible that the 949 address was part of the Property. A lumber company occupied the southerly parcel from 1939 through the early 1980s, when records indicate that a portion of the Property was redeveloped with the City of Long Beach Tow Yard. Two USTs were removed from the Property under a permit with the address of 1725 San Francisco Avenue; however these USTs are known to be formerly located at 1445 San Francisco Avenue (APN 7271-008-013). The removal and status of these USTs is further discussed below.

The majority of the contiguous portion of the Property has been predominately occupied by numerous divisions of the City of Long Beach since at least 1929 through 2013 with operations including: sewer maintenance, street maintenance, chemistry lab, towing operations, and public service. The non-contiguous northerly parcel (APN 7271-017-015 at 940 Pacific Coast Highway) was occupied by a motel from 1939 to 1990, and appears to have been used for materials storage (sand, gravel, equipment, parking, etc.) until recently.

It is possible that the "laundry" facility identified on the Property in 1926 at 1317 San Francisco Avenue also conducted dry cleaning operations. However, any dry cleaning operation in the 1920s would very likely have used a petroleum-based solvent (gasoline or Stoddard), and dry cleaning operations using petroleum products were, in SCS's experience, unlikely to have resulted in any significant environmental impact to the parcels they occupy. In addition, a previous soil vapor survey (discussed below) did not identify any significant concentrations of solvents. In summary, the presence of a "laundry" or possible dry cleaning operation in 1926 does not represent an environmental concern for the Property.

A gas station was identified at 949 West Anaheim Street from 1931 to 1935. As indicated above, this address is not a known historical address of the Property; however it is possible that it was

historically part of the Property. The possible presence of a former gas station on the Property was previously investigated, as discussed in a later section of this report, and constitutes a historical recognized environmental condition (HREC).

HISTORICAL USE OF ADJOINING SITES

Surrounding properties were predominately commercial/industrial and included the following:

North – Pacific Coast Highway, across which included: an auto court and dwellings occupied the area to the north across Pacific Coast Highway. The area was residential by 1963.

East – San Francisco Avenue, across which included: truck parking, vacant lots, Adhor Milk Farms, truck services, liquor market, an office, plumbing supplies, a food facility, a meat refrigeration site, a machine shop, and tourist court units.

South – West Anaheim Street, across which included: a plumbing supply company in 1950 and electric appliance warehouse in 1963.

West – The Los Angeles River Flood Control Channel.

11 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

In order to identify commonly known or reasonably ascertainable information about the Property, SCS reviewed previous environmental reports and various regulatory agency files and interviewed regulatory agency personnel. The following information was identified.

PREVIOUS ENVIRONMENTAL REPORTS

The following reports have been prepared and/or reviewed by SCS:

- SCS Engineers, February 22, 2005. *Phase I Environmental Assessment, Long Beach Public Service Yard, San Francisco Avenue – 7 APNs, Long Beach, California,* (File No. 01204007.01)

- SCS Engineers, August 2, 2005. *Phase II Site Investigation Report, Long Beach Public Service Yard, 1601 San Francisco Avenue, Long Beach, California,* (File No. 01204007.02)

- SCS Engineers, October 17, 2005. *Groundwater Investigation Report, Former Long Beach City Tow Yard, 901 West Anaheim Street, Long Beach, California,* (File No. 01204007.02)

- SCS Engineers, April 17, 2006. *First Quarter 2006 Groundwater Monitoring, 901 West Anaheim, Long Beach, California,* (File No. 01204007.02).

- SCS Engineers, July 18, 2006. *Second Quarter 2006 Groundwater Monitoring, 901 West Anaheim, Long Beach, California,* (File No. 01204007.02).

- SCS Engineers, October 16, 2006. *Third Quarter 2006 Groundwater Monitoring, 901 West Anaheim, Long Beach, California,* (File No. 01204007.02).

- Pacific Coast Tank, July 1, 2008. *Underground Storage Tank Removal Report*.

- SCS Engineers, April 2010. *Groundwater Monitoring Report, Former Long Beach City Tow Yard, 901 West Anaheim Street, Long Beach, California,* (File No. 01209295.00).

- SCS Engineers, November 5, 2010. *Phase I Environmental Assessment, Former Long Beach Public Service Yard, 5½ Parcels at Anaheim Street and San Francisco Avenue, Long Beach, California,* (File No. 01210161.00)

- SCS Engineers, December 1, 2010. *Phase II Site Investigation Report, Long Beach Public Service Yard, 949 W. Anaheim Street, Long Beach, California,* 90813, APN 7172-007-903 (File No. 01210161.01).

- SCS Engineers, August 9, 2011. *Report of Closure Activities – Former Long Beach City Tow Yard, 901 West Anaheim Street, Long Beach, California (RWQCB Case No 9081304498).*

- SCS Engineers, March 2, 2012. *Confirmation Sampling Report, Former Long Beach Public Service Yard, APNs 7271-007-005 and 7271-012-023, Long Beach, California* (File No. 01210161.05).

- SCS Engineers, March 2012. *Remedial Action Plan, Former Long Beach Public Service Yard (APNs 7271-011-008 and 7271-008-013, Long Beach, California* (File No. 01210161.03).

- SCS Engineers, July 18, 2012. *Summary Report Related to a Geophysical Survey at 949 West Anaheim Street and "Suspect" Wells at 1601 San Francisco Avenue, Long Beach, California* (File No. 01210161.07).

- SCS Engineers, February 2013. C*larifier Removal Report, Former Long Beach Public Service Yard, 1725 San Francisco Avenue, Long Beach, California, 90813* (File No. 01212361.00).

- SCS Engineers, May 9, 2013. *Draft Summary of Site Characterization Activities and Analytical Data Letter, Former Long Beach Public Service Yard, 1725 San Francisco Avenue, Long Beach, California* (File No 01212361.00).

- SCS Engineers, (March 2012) Revised May 2014. *Revised Remedial Action Plan, Former Long Beach Public Service Yard (APNs 7271-011-008 and 7271-008-013), Long Beach, California* (File No. 01210161.09).

- SCS Engineers, October 6, 2014. *Letter Re: Submittal of Proposed CAP detail and Schedule, Former Long Beach Public Service Yard (APNs 7271-011-008 and 7271-008-013), Long Beach, California* (File No. 01210161.10).

- SCS Engineers, March 23, 2015. *Site Remediation and Closure Report, "Yard Parcel" of the Former Long Beach Public Service Yard (APNs a portion of 7271-011-008 and 7271-008-013, Long Beach, California* (File No. 01210161.10).

The Phase I and Phase II conducted by SCS in 2004/2005 included a portion of the Long Beach Public Service Yard (physically located at 1725 San Francisco Avenue, the city block between Esther and 17th Streets and the northern half of the city block between 17th and 16th Streets) that is not included as part of this assessment and therefore are not discussed below. However, it should be noted that the address of 1725 San Francisco Avenue has been used for operations (i.e. UST removal and potentially other waste disposal) throughout the service yard, including portions of the Property covered by this assessment. In addition, please note that the APNs associated with the Property have changed over the years.

Copies of previous reports are included on CD in **Appendix D**.

Summary of Previous Investigations

In 2005, SCS conducted a Phase I ESA of 7 parcels utilized for various operations performed by Long Beach Public Services (e.g. traffic management, street maintenance, and landscaping). At the time of this investigation the Property was still occupied (with the exception of the northerly and southerly parcels [previous APNs 7271-017-900 (currently APN 7271-017-015) and 7271-007-903 (no current APN assigned)] and interviews with staff were conducted. In 2010, SCS conducted a Phase I ESA of five and a half of the above parcels. The previous Phase I ESAs concluded the following:

- The Property was previously utilized for various operations performed by Long Beach public service departments (e.g. traffic management, street maintenance, and landscaping). The Property was occupied by numerous buildings and storage sheds. A carwash, two clarifiers, paint spray booth, chemical cabinet and former fueling station were also observed on the Property. Numerous potential environmental concerns were identified on the southern portion of the Property (excluding the noncontiguous northern parcel), including fill material containing debris from the 1933 earthquake and petroleum-related impacts to soil and/or groundwater from underground fuel storage tanks. Further, historic operations on these parcels have included vehicle and equipment maintenance, painting shop, chemical laboratory, landscaping departments, machine shop, etc. The locations and nature of these operations appears to be transitory, and it is possible that waste oils, various pesticides, oils, paint and solvents were spilled or leaked over the 70 plus years of operation. (Note, historical features have since been removed and these areas have been investigated and are further discussed elsewhere in this report).

- A previous Phase II investigation (SCS, August 2, 2005), was conducted to address the concerns in the 2005 Phase I ESA, and consisted of collection and analysis of 30 soil vapor samples to assess for the presence of volatile organic compounds (VOCs) and drilling 26 exploratory borings to depths ranging from one to ten feet bgs. Soil samples were collected and selectively analyzed for total petroleum hydrocarbons, heavy metals, organochlorine pesticides, and/or VOCs. The Phase II report concluded the following:

- No significant concentrations of petroleum hydrocarbons (above Soil Screening Levels) were detected in soils. Only trace concentrations of 1,1,1-TCA (2.6 µg/l in one of 30 samples) and PCE (up to 5.9 µg/l in 3 of 30 samples) were sporadically detected in soil vapor samples. In 2005, based on experience with similar sites, SCS concluded that concentrations of VOCs in this range were generally not of concern to regulatory agencies.

- Soil gas samples in the area of the carwash clarifier and paint clarifier did not contain detectable concentrations of VOCs. However, a soil sample from this area at five feet bgs contained elevated concentrations of metals, including arsenic, chromium, copper, lead, nickel and zinc. The source of the metals in soil is unknown; they may be related to historic operations in this area, or to fill soils (the area is topographically elevated with respect to the area to the east). In addition, elevated concentrations of lead were identified in several other samples from suspected fill areas. Soils may contain metals at concentrations that may be a potential risk to human health, or require special consideration (i.e., additional testing and characterization) prior to removal and/or disposal. Additional investigation and remediation for metals was recommended prior to any redevelopment of this area of the Property.

Based on the results of previous investigations and continued site operations with a potential for chemical releases, the two remaining clarifiers and paint spray booth were considered recognized environmental conditions (RECs). Based on the results of the previous SCS Phase II investigation in 2005, the previously identified hazardous materials storage areas, previous use of solvents, and former fueling station were considered historical recognized environmental conditions (HRECs). There were apparently no significant changes in service yard operations between the 2005 and 2010 Phase I ESAs (with the exception of their reduction or cessation), therefore, no significant changes in changes in the nature or extent of contamination were anticipated.

- Interviews conducted with City of Long Beach staff during the 2005 Phase I ESA revealed that fill material was likely placed on the western portion of the Property; the source of this material is unknown, but may include debris from the 1933 earthquake. An obvious elevated area was noted on the northwestern portion of parcel 7271-011-900 (between 15th and Cowles Streets). (Note, these this area has since been investigated and/or removed and is further discussed below).

- Historical information indicates that portions of the Property were initially developed for commercial use as early as 1926, and have been used for commercial or industrial purposes since that time. Historical information identified that two previous occupants of the Property as Superior Laundry at 1317 San Francisco Avenue in 1926, and a gas station at 949 West Anaheim from at least 1931 through 1935.

  It is possible that the laundry operations could have included dry cleaning. However, based on SCS's experience, any dry cleaning operation in the 1920s would very likely have used a petroleum-based solvent (gasoline or Stoddard), and dry cleaning operations using petroleum products were unlikely to have resulted in any significant environmental impact to the parcels they occupy. As discussed elsewhere in this report, a soil vapor

survey did not identify any significant concentrations of solvents. In summary, in SCS's opinion, the presence of a "laundry" or possible dry cleaning operation in 1926 does not represent a REC for the Property. The address of the historical gas station at 949 West Anaheim Street is not a confirmed address on the Property; however it may nevertheless have been located on the southern-most parcel, APN 7271-007-903. Historic aerial photographs show a building on the southeastern corner of this parcel in 1928. This possible historic gas station was considered a REC. (Note, these this area has since been investigated and/or removed and is further discussed below).

- Historical information identifies four known USTs historically located on the Property as follows: (1) a 1,000-gallon unused UST; (2) 550-gallon gasoline UST; and (3) two 12,000-gallon USTs (one diesel, one gasoline) as part of a former fueling station. The current known status of these USTs are as follows:

(1) A 1,000-gallon unused UST was located on the western portion of the 16th Street right-of-way just south of APN 7271-012-905 (currently APN 7271-012-020; **Figure 4a**). This UST was originally meant to contain solvent/kerosene, was installed on July 19, 1988, and removed in January 1999. Regulatory closure was received from the Joint Powers Agency (currently the Long Beach Department of Health and Human Services [DHHS]) in the "No Further Action" Letter dated March 25, 1999 (**Appendix E**), which also provided closure for three (3) other USTs associated with the Long Beach Public Works Yard at 1725 San Francisco, but not associated with the Property.

(2) A 550-gallon gasoline UST was located in the 14th Street right-of-way just north of APN 7271-007-903 (**Figure 4b**). A "UST Unauthorized Release (Leak)/Contamination Site Report" dated May 29, 1996 indicated that on August 30, 1995 it was discovered that an unknown quantity of gasoline leaked from a 30 plus year old UST at 901 West Anaheim Street. This UST was removed by Maness Environmental on August 30, 1995.

SCS installed three groundwater wells in July 2005 and five groundwater monitoring events have been conducted since. Groundwater flow direction has been to the southeast with groundwater most recently encountered in February 2010 (SCS, April 2010) at depths between 3.90 and 4.98 feet bgs. Groundwater samples have contained concentrations of total petroleum hydrocarbons (TPH) as gasoline (up to 1.84 milligrams per liter [mg/L]), benzene (up to 45.8 micrograms per liter [µg/L]), toluene (up to 2.8 µg/L) ethylbenzene (up to 58.7 µg/L), xylenes (up to 9.4 µg/L), and MTBE (up to 3.9 µg/L). SCS concluded that concentrations of fuel-related constituents in groundwater have remained relatively stable between 2005 and 2010. Based on this information, SCS concluded that further investigation or monitoring was not warranted and that the data support closure for groundwater.

However, historical information indicates that residual hydrocarbon concentrations in soil are above generally-accepted cleanup goals and that remediation of soils is therefore warranted. SCS recommended that soil remediation be conducted with proposed future development, so that remediation goals would be consistent with future use.

The RWQCB issued a letter on November 2, 2010 requiring semi-annual groundwater monitoring to verify concentrations remain low. The RWQCB also indicated that a

Remedial Action Plan for soil remediation be submitted along with a schedule, or that a soil vapor survey be conducted to assess the human health risks to determine if the case can be closed with the current residual soil impacts. (Upon further review, the RWQCB issued an NFA letter, as further described below).

(3) Two 12,000-gallon USTs were located at the northeast corner of APN 7271-008-901 (currently APN 7271-008-013) at 1445 San Francisco Avenue (**Figure 4b**). Long Beach DHHS files revealed an Underground Storage Tank Removal Report, dated August 7, 2008 for the removal of two 12,000-gallon USTs (one gasoline and one diesel). The tanks, installed November 1998 were removed on July 2, 2008. The USTs were reportedly in good condition upon removal, however, approximately two feet of groundwater filled into the UST excavation upon removal and free product diesel was observed floating on the groundwater in the southwest corner of the excavation. The fuel was reportedly leaked into the pea-gravel backfill surrounding the USTs during the excavation of one of the dispenser pans. Mitigation methods included using absorbent pads to skim the free product and a vacuum truck to remove approximately 5,000 gallons of groundwater. Analysis of soil samples collected from beneath each end of the USTs (at 16 feet bgs) and beneath each dispenser (at 6 feet bgs) indicated that no detectable concentrations of TPH or VOCs were present.

As a result of the impact to groundwater observed during removal, the DHHS referred the case to the RWQCB in an email dated October 10, 2008. In the email, the DHHS asked the RWQCB if a "no further action" letter should be issued. The RWQCB opened a case (T0603701971) and issued a letter dated November 24, 2008 requesting additional information. At the time of the Phase I ESAs a "no further action" letter had not been issued and SCS recommended following up with the RWQCB to obtain the "no further action" letter. (An NFA letter has since been issued as further described below).

- Regulatory database information identified the Property on the HAZNET, Historical Auto Station, Historical Cortese, CDL (clandestine drug lab) LUST, RCRA-SQG, FINDS, SWF/LF, EMI, and UST databases. The Cortese, LUST and UST database listings appear to relate to the historic UST operations, removals, and cleanups. Other EDR report information indicated that wastes such as organic solids, oil-containing wastes, aqueous solutions with organic residues, asbestos containing waste, unspecified solvent mixture waste, and waste oil and mixed oil, were used on the Property. Additionally, the database report indicated that a historical gas station (949 W. Anaheim St.), transfer station operation, and illegal drug lab formerly existed on the Property.

- Observations during the site inspection indicate that adjacent properties are currently occupied by numerous commercial/industrial operators. No obvious RECs for the Property were identified on these adjacent sites. However, regulatory database information also indicates that numerous sites within 0.25 miles of the Property have had releases of substances including hydrocarbons and volatile organic compounds, and groundwater in the area has been impacted. Based on this information, it is possible that impacted groundwater from these sites has migrated beneath the Property.

Since the completion of the previous Phase I ESA in 2010, the following series of events described in the above listed reports, have occurred resulting in NFA letters:

- The RWQCB further reviewed the City Tow Yard groundwater information and issued an NFA letter for the 550-gallon UST at the 14th Street right-of-way dated July 6, 2011 (**Appendix E**). The associated groundwater monitoring wells were subsequently abandoned on July 22, 2011 as summarized in the SCS, August 9, 2011 letter. Because the RWQCB closed the case allowing residual contamination to remain in place this former UST is considered a controlled recognized environmental condition (CREC). The RWQCB did not make any restrictions regarding the UST, however appropriate measures should be taken if digging is to occur in the area.

- As a result of SCS's follow-up regarding the two 12,000-gallon USTs removed in 2008, the RWQCB issued an NFA letter dated July 3, 2012. These two former USTs constitute an HREC with regards to the Property.

- A Phase II Investigation (conducted in November 2010) and geophysical survey (conducted in July 2012) were performed on the southern portion of former APN 7172-007-903 (no current APN assigned) for the historical gas station located at 949 W. Anaheim, which is not a confirmed address of the Property, but was potentially located in this area. The November 2010 and July 2012 investigations of the southern portion of the Property found no obvious signs of former USTs or associated fuel-impacts indicative of a release associated with former USTs. As a result, the potential of a former service station at 949 W. Anaheim is considered to be an HREC.

- In April 2012, SCS inspected two suspect wells identified at 1601 San Francisco Avenue. The inspection, summarized in SCS' letter dated July 18, 2012, determined the wells to be 6-inch steel casings (the use of which was unknown), however they were determined not to be groundwater wells and therefore the well boxes and steel casings are determined to be *de minimus conditions.*

- Since the bulk of the fill soil (presumed 1933 earthquake debris) was anticipated on two parcels in the center of the contiguous portion of the Property (APNs 7271-011-008 and 7271-008-013) a Remedial Action Plan (SCS, March 2012, Revised May 2014) was prepared for this area. Very little fill soil existed on northerly and southerly portion of the contiguous portion of the Property (APNs 7271-012-023 and 7271-007-005) and in order to expedite obtaining "no further action" letters for these parcels in anticipation of their eminent lease, a separate investigation under DHHS oversight was conducted. The results of this investigation (SCS, March 2, 2012) concluded that no evidence of significant impacts from lead or other metals associated with fill soil was identified. The DHHS subsequently issued NFA letters for these parcels dated July 11, 2012 (**Appendix E**). Therefore, the presence of fill soils on these two parcels is considered to be an HREC.

- APNs 7271-011-008 and 7271-008-013 that held the bulk of the suspected earthquake debris were remediated between August 2014 and February 2015. Because of the volumes of lead-impacted debris on these parcels, negotiations between the owner San Francisco Yard LLC (the "SFY") and City of Long Beach (the "City") were conducted to evaluate remedial alternatives for the Property. The remedial solution proposed and approved in the Remedial Action Plan was to move the impacted soil from the southern

and eastern portions of the Property and place them in a capped area on the northwesterly portion of the Property that the City would, in turn, purchase from SFY creating two "operable units," as follows:

- **Yard Parcel** – This operable unit, owned by SFY, is an L-shaped, approximately 3.5 acre parcel that includes the southern portion of the Property as well as a strip of land fronting San Francisco Avenue. Remediation of the Yard Parcel was proposed to meet cleanup goals, with a goal of receiving an NFA letter from the DHHS.

- **Long Beach Parcel** – This operable unit is a rectangular-shaped parcel, approximately 1.8 acres in area, occupying the western two-thirds of APN 7271-011-008. This operable unit was used to stockpile the metals-impacted fill material, has been covered with two layers of a proposed 3 layer cap (third layer to consist of 1.5 feet of dirt to be placed in the future), and will be subject to a deed restriction as a condition of receiving an NFA letter. This parcel is being purchased from SFY by the City and is not part of the Property subject to this Phase I ESA.

As part of the remedial excavation activities of the Yard Parcel, approximately 44,000 cubic yards of impacted material was excavated from the Yard Parcel and placed on the Long Beach Parcel (not a part of the Property). Because debris extended beyond the Property boundaries, the impacted material was excavated to the extent possible without extending past the Property boundaries (i.e. into the river path). Therefore, impacted material will remain below the surface (and unexposed) in several other areas of the Property including: potentially beneath the building that remains on the Yard Parcel Property, along the western property line, and in an area where the Southern California Edison pole and support are located. The limited impacted areas that remain are depicted on **Figure 5**. Approximately 12,614 cubic yards of clean soil was imported from two construction sites for backfill of the remedial excavation area on the Yard Parcel. The excavation was backfilled, graded, and compacted prior to being asphalt paved for use by Petros. A total of 78 confirmation samples (S1 through S78) were collected on a grid spacing of approximately every 50 feet. Concentrations of lead in the 78 samples ranged from non-detect (less than 2.5 mg/kg) to 102 mg/kg, all well below the cleanup goal of 320 mg/kg. The DHHS issued an NFA letter dated April 27, 2015 (**Appendix E**). The presence of residual fill debris in certain areas of the Property is considered a CREC.

- In January 2013, clarifiers associated with former car wash (located within the fill area) and paint rinse areas were removed. Clarifier abandonment activities were conducted with oversight provided by Long Beach Fire Department and described in SCS's report, *Clarifier Removal Report, Former Long Beach Public Service Yard* dated February 2013. Approval of the clarifier closure was pending the remediation and an NFA has been requested from the DHHS. The clarifiers are considered to be an HREC, however, it is recommended that the follow-up with the DHHS be conducted until the NFA letter is issued.

As previously indicated, copies of all associated reports are included on CD in **Appendix D**. Copies of NFA letters are included in **Appendix E.**

REGULATORY AGENCY RECORDS

Local regulatory agencies and other sources were contacted in an effort to identify any known or suspected contamination sites or incidents of hazardous waste storage or disposal which might have resulted in soil or groundwater contamination within a one-mile radius of the Property. Within the City of Long Beach, the Long Beach Fire Department generally acts as the lead enforcement agency for UST compliance. If soil or groundwater contamination is suspected, the Long Beach Department of Health and Human Services (DHHS) generally acts as the lead enforcement agency for subsequent investigations. However, if groundwater has been affected, the RWQCB generally becomes the lead agency for contamination characterization and cleanup.

Files have previously been reviewed as part of the previous Phase I ESAs as discussed above. In addition, anything in the files since that time has been generated by SCS and is also previously discussed.

12 REVIEW OF FEDERAL, STATE, TRIBAL, AND LOCAL GOVERNMENT DATABASES

A database search for sites listed on various federal, state, tribal, and local databases in the area around the Property was obtained from EDR (June 17, 2015). A description of each of the databases searched is included in the report, which is attached as **Appendix F**. Among the databases included in the EDR report are NPL (federal, tribal, and state-equivalent), proposed and delisted NPL, CORRACTS (RCRA facilities subject to corrective actions), hazardous waste sites identified for investigation or remediation (CERCLIS, State CERCLIS, VCP, Brownfields Calsites, etc.), LUST, sites with engineering controls, former CERCLIS (NFRAP), RCRA and state hazardous waste generators, ERNS, SWLF, USTs, and Toxic Pits.

Review of these records satisfies all requirements as set forth in 40 CFR Section 312.26 (b) and (c) with regard to the review of federal, tribal, and state government records of databases of such government records and local government records and databases of such records pertaining to both the subject property and the nearby or adjoining properties. Further, the search distances for each particular database are as specified in 40 CFR 312.26 and ASTM E1527-13.

Any known or suspected contaminated sites included on these lists within 0.25 miles of the Property are discussed in the following text. As a general rule, sites beyond 0.25 miles are not anticipated to impact a site significantly. Any sites beyond 0.25 miles with a high potential to impact the Property are also discussed. (Please note: the distances and directions listed in this report have been field verified and might not always match those in the EDR report.)

Sites such as TSD facilities, hazardous waste generators, HAZNET, FINDS, SQGs, LQGs, USTs, HIST UST, RCRA violations, and TRIS facilities with toxic chemical releases (generally in accordance with permitting requirements - into the air, water, or land as reported under SARA Title III) use or store hazardous materials and thus may pose a potential problem in the event of a spill or leak. However, unless these sites also appear in an agency list of contaminated sites,

there is no evidence of any problems at this time. Therefore, sites on these lists will not be discussed unless on or in close proximity to the Property.

Please refer to **Appendix F** for further information on these sites.

PROPERTY LISTINGS

The Property is variously identified in the EDR database report as the Vehicle Tow Yard, Long Beach City Tow Yard, City of Long Beach Towing Operations, Public Service Yard, City of Long Beach Public Works, City of Long Beach Public Service Department, City of Long Beach Public Service Yard, City of Long Beach Testing Lab, and City of Long Beach; with addresses of 901 and 929 West Anaheim and 1475, 1601 and 1725 San Francisco Avenue. In addition, 949 West Anaheim is identified below, however it is not a confirmed address of the Property.

The Property is identified on the HAZNET, Historical Cortese, Historical Auto Station, CDL, LUST, RCRA-SQG, FINDS, and UST databases as follows:

Listing	Address	Owner	Comments
A1 Hist Auto Station	949 W. Anaheim St. (This is not a confirmed address of the Property, however it may have been located on the southern-most parcel).	Sifton, A.D.	Gasoline and oil service station reported for 1931 and 1935. Because this area has been investigated, as previously discussed, this historical auto station is considered an HREC.
A10 Hist Cortese	901 Anaheim	Vehicle Tow Yard	No information on the nature of the listing, however, the Cortese list consists predominantly leaking UST sites. See below.

Listing	Address	Owner	Comments
A6/A8/A11 LUST	901 W. Anaheim St.	Vehicle Tow Yard/ Long Beach City Tow Yard	This site is listed as a Leaking UST (LUST) case (Global ID T0603701960) at this address on the Property. The UST was found after the City of Long Beach purchased the land. A gasoline release was discovered during tank removal in August 1995. This information corresponds to the 550-gallon UST previously discussed. The case status is listed as completed-case closed. As previously discussed, an NFA letter is provided in Appendix E and due to residual contamination remaining in place, this former UST is considered a CREC.
A3/A12 HAZNET,CDL	901 West Anaheim	City of Long Beach Towing Operations	<u>HAZNET</u> This listing is related to the removal of the following wastes: organic solids, oil-containing waste, and aqueous solution with organic residues. <u>CDL</u> This listing indicates and illegal drug lab was operated or drug lab equipment/materials stored or found in a vehicle. Any structures where this lab may have been present are no longer on the Property.
A5 UST	929 West Anaheim (This address corresponds to the same parcel as 901 Anaheim and is likely related)	City of Long Beach	<u>UST</u> No information on the UST given.

Listing	Address	Owner	Comments
A13 RCRIS-SQG, FINDS	1475 San Francisco	City of Long Beach Testing Lab	Operations at this location generated small quantities of hazardous waste. No related violations were identified.
A9 RCRIS-SQG, FINDS	1601 San Francisco	City of Long Beach Public Service Department	Operations at this location generated small quantities of hazardous waste. No related violations were identified.
A7 Hist Cortese, LUST	1725 San Francisco (physically not part of the Property, however LUST case #1 refers to the USTs removed from APN 7271-008-013 [1445 San Francisco Ave] as previously discussed. It is not likely that the motor oil case (LUST 2) is associated with the Property)	Public Service Yard	LUST 1 Diesel affected soil only. Case is listed as completed-case closed by the RWQCB (Global ID T0603701971). As previously discussed, an NFA letter is provided in Appendix E and these former USTs are considered HRECs. LUST 2 Leak of motor oil discovered 8/4/95 after piping failure. Case is listed as preliminary site assessment underway. No closure reported. This case does not appear to be associated with the Property.
A2 UST	1725 San Francisco (physically not part of the Property)	City of Long Beach Public Service Yard	UST Dual walled UST listed for this address. This UST does not appear to be located on part of the Property.

All of the Historical Cortese, UST, and LUST database listings appear to relate to USTs that have been previously discussed in this report and are considered HRECs.

The HAZNET database indicated that various types of materials have been removed under manifest at 901 West Anaheim and 1601 San Francisco Avenue. These wastes were likely the result of the various vehicle maintenance operations, construction activities, painting operations, UST removals, etc. that have taken place on the Property during years of operation by the City of Long Beach.

The RCRA-SQG database, which is a list of sites that generate, transport, store, treat and/or dispose of small quantities of hazardous waste, did not provide any information pertaining to the nature of the materials generated on the Property; however, the entries indicated that no violations were found.

The FINDS database, which lists other databases that a site is included in, indicated that the Property is listed on the National Emissions Inventory and the Resource Conservation and Recovery Act Information System databases. This listing is likely due to historic operations such as the paint booth, fuel station, etc.

ADJACENT SITE LISTINGS

The solid waste information system database (SWF/LF) identifies the Public Service Transfer Station #1 facility as located on the east side of 710 HWY-between Anaheim ST./P.C.H.

The SWF/LF listing is related to the limited-volume transfer station operations for green materials. Available information in the EDR database report indicated the owner is the City of Long Beach Public Service Bureau with an address of 1601 San Francisco Avenue (former address of this department). The SWIS number is 19-AA-1047, and available information from the SWIS database indicates this facility is across the LA River. It should be noted that a previous SWF/LF listing was identified during the previous Phase I ESAs for a facility at 1601 San Francisco and was related to the limited-volume transfer station operations; green materials, mixed municipal wastes, etc. If either of these listings were associated with the Property, they are considered a *de minimus condition* since no waste material was permanently stored at this facility.

The adjacent Food Bank site at 1444 San Francisco is listed as a LUST site Global ID T0603701935, the site was closed in 1996 by the RWQCB. In addition, several other listings for facilities adjacent to the Property were noted for the UST, Hist Auto Station, RCRQ-SQG, PADs, and FINDs databases. None of these facilities were observed to have associated leaks or violations.

OTHER DATABASE SITES

The EDR report provides a summary table of regulatory database sites within specified distances of the Property, including: 1. standard environmental records, 2. additional environmental records, and 3. high risk historical records. This summary table is provided beginning on page 4 of the EDR report (**Appendix F**) and a summary of which is provided below for the sites within a one-mile radius of the Property. Some sites may be listed on more than one database and some sites may be listed more than once within the same database.

Database	**Number of Sites (NR = Not Reported)**		
	0 – 1/4 miles	**1/4 – 1/2 miles**	**1/2 - 1 mile**
US EPA National Priority List (NPL)	0	0	0

Database	Number of Sites (NR = Not Reported)		
	0 – 1/4 miles	1/4 – 1/2 miles	1/2 - 1 mile
US EPA CERCLIS (sites under review for inclusion of the NPL)	1	0	NR
US EPA RCRA Corrective Actions (CORRACTS)	0	0	1
US EPA Hazardous Waste Generators	19	NR	NR
California Superfund (SPL)	0	0	0
California equivalent CERCLIS (EnviroStor)	1	1	13
California Leaking Underground Storage Tanks (LUST)	12	24	NR
California Solid Waste & Landfill Facilities (SWLF)	1	0	NR
California Registered Underground Storage Tanks (UST)	58	NR	NR
California State Spills List (SLIC)	7	5	NR

According to the EDR database, numerous sites within 0.25 miles of the Property have had releases of substances including hydrocarbons and volatile organic compounds, and groundwater in the area has been impacted. Based on this information, it is possible that impacted groundwater from these sites has migrated beneath the Property.

Unmappable or Orphan Sites

A total of 26 unmappable sites were identified in the EDR Report. Unmappable sites cannot be plotted by EDR due to inaccurate or incomplete addresses. Based on review of the provided data, including the estimated locations of the unmappable sites in relation to the Property, it appears unlikely that the unmappable sites have adversely affected the environmental condition of the Property.

LANDFILLS

A review of the Major Waste Systems Map (June 1972, revised August 1976) was conducted to locate any landfills or transfer stations within a one-mile radius of the Property. No landfills or transfer stations were observed to be within 0.5 mile of the Property according to the Major Waste Systems Map.

According to the Solid Waste Information System database provided by EDR, one active transfer station (Public Service Transfer Station #1) is located near the Property (page 99 of EDR report 02881976.2r). According to EDR, this facility is located east of the 710 Freeway between Anaheim Street and Pacific Coast Highway. However, the available information indicates the City of Long Beach Department of Public Works operates this facility and the address is 1601 San Francisco Avenue. This is likely the same listing discussed above, which is related to the limited volume transfer operation that accepts green materials (e.g., yard wastes, plant cuttings, etc.)

OIL AND GAS WELLS

Available oil and gas well maps from the California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR) were reviewed to identify oil and gas wells on the Property or in the nearby area. According to the Digital Online Mapping System (DOMS 2.1), the Property is located within the Wilmington Oil Field, however now wells are in the general vicinity of the Property. Numerous oil wells are present approximately 300 feet northwest and southwest of the Property across the Los Angeles River Flood Control Channel. Since these wells are on the opposite side of the river, no significant environmental impact to the Property is anticipated from oil and gas exploration or production.

NATIONAL PIPELINE MAPPING SYSTEM (NPMS)

SCS reviewed the NPMS website (https://www.npms.phmsa.dot.gov/PublicViewer/) for the Property and surrounding area to identify any hazardous materials pipelines. The NPMS is a geographic information system (GIS) created by the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA), and Office of Pipeline Safety (OPS) in cooperation with other federal and state governmental agencies and the pipeline industry. The NPMS consists of geospatial data, attribute data, public contact information, and metadata pertaining to the interstate and intrastate hazardous liquid trunklines and hazardous liquid low-stress lines as well as gas transmission pipelines, liquefied natural gas (LNG) plants, and hazardous liquid breakout tanks (tanks that receive and store liquids transported by pipeline) jurisdictional to PHMSA. The nominal accuracy of geospatial data in the NPMS is +/-500 feet. The NPMS does not contain information on interconnects, pump and compressor stations, valves, direction of flow, capacity, throughput, or operating pressure. In addition, distribution and gathering pipelines are not included in the NPMS.

The NPMS is built from data submitted by pipeline, LNG plant, and breakout tank facility operators. Since 2002, transmission pipeline and LNG plant facility operators are required to submit mapping information to the NPMS and to update their submissions annually. Breakout tank operators are able to submit data to the NPMS on a voluntary basis.

Based on review of the NPMS website, the closest hazardous materials pipelines are across the Los Angeles River Channel approximately 700 feet to the west of the Property.

13 USER PROVIDED INFORMATION

A User Questionnaire was not returned to SCS for inclusion in the report. Alere Property Group, LLC provided no information beyond what is discussed above.

TITLE RECORDS

No title report was provided to SCS for review.

ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

No information regarding environmental liens or activity and use limitations was provided to SCS. No environmental liens or activity/use limitations were identified by SCS during the course of this assessment.

SPECIALIZED KNOWLEDGE

No specialized knowledge regarding the Property was provided to SCS by the User.

VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

No property valuation information was provided to SCS.

14 DEGREE OF OBVIOUSNESS OF THE PRESENCE/LIKELY PRESENCE OF CONTAMINATION ON THE PROPERTY

The Property was previously utilized for various operations performed by Long Beach public service departments (e.g. traffic management, street maintenance, and landscaping). Numerous potential environmental concerns were identified on the southern portion of the Property (excluding the noncontiguous northern parcel), including fill material containing debris from the 1933 earthquake and petroleum-related impacts to soil and/or groundwater from underground fuel storage tanks. Further, historic operations on these parcels have included vehicle and equipment maintenance, painting shop, chemical laboratory, landscaping departments, machine shop, etc. The locations and nature of these operations appeared to be transitory and it was possible that waste oils, various pesticides, oils, paint and solvents were spilled or leaked over the 70 plus years of operation.

However, since the initial Phase I ESA in 2005, numerous phases of investigation and remediation have been conducted including a site-wide Phase II investigation of soil and soil vapor, groundwater investigations, UST and clarifier removals, a limited Phase II investigation and geophysical survey for a potential former service station, a confirmation sampling report for two parcels with limited fill debris and remediation and closure report for two parcels with the bulk of the fill debris. As a result of these activities, six NFA letters have been issued in association with the Property and the previous RECs identified during the 2005 and 2010 Phase I ESAs are considered HRECs or CRECs, as further discussed in Section 16 of this report.

15 DATA GAPS

A data gap represents an inability on the part of the environmental professional to obtain information required by the standards and practices of 40 CFR 312 to fully identify conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the Property.

The following data gaps were identified:

- The User Questionnaire was not returned to SCS. Given all the other information gathered during the course of this and previous investigations, this data gap is not considered significant.

16 FINDINGS AND OPINIONS

Based on the scope of work performed, SCS finds the following:

- The Property consists of 10.74 acres of outdoor storage yard and is comprised of approximately five and a half parcels in Long Beach, California formerly associated with the Former Long Beach Public Service Yard (the "Former Service Yard"). Four and a half of these parcels are on contiguous city blocks and also include the intervening street rights-of-way (14th, Cowles, 15th, and 16th Streets) which were incorporated into the Former Service Yard and the current various storage yards. Numerous addresses have currently or historically been associated with the Property and it is important to note that operations on this portion of the Property were sometimes included under the address of 1725 San Francisco Avenue, although this address is physically north of the Property and still occupied by the City of Long Beach Public Service Yard.

  The northern-most parcel (940 Pacific Coast Highway, is located on the north side of the adjacent city block, approximately 700 feet north of the other parcels.

- The assigned Los Angeles County Tax Assessor's Parcel Numbers have varied in recent years and currently are (from north to south) 7271-017-015 (the northernmost noncontiguous parcel), 7271-012-020, 7271-012-023, eastern portion of 7271-011-008, 7271-008-013, and the most southerly parcel does not currently have an associated APN (may be due to recent or ongoing parcel change activity). In addition, APNs 7271-012-020, 7271-012-023, 7271-011-008 (eastern portion), and 7271-008-013 are currently being re-parceled. Certificate of Compliance No. 1411-08A (for APNs 7271-012-020 and 7271-012-023) and No. 1411-08C (for 7271-011-008 [eastern portion] and 7271-008-013) have been filed in official records of the Recorder's Office in Los Angeles County.

- The Property is currently occupied by three storage yards as follows (**Figure 3**): (1) The northerly noncontiguous parcel (APN 7271-017-015) is occupied by Ocean Blue Environmental Services, Inc. This parcel is approximately 0.34 acres and is used as a surplus storage yard for Ocean Blue's trailers and materials. (2) The northern portion of the contiguous area of the Property (APNs 7271-012-020 and 7271-012-023) is occupied by BakerCorp as a storage yard (the "Baker Yard"). The Baker Yard is

comprised of approximately 4.01 acres and is used to store their empty tanks. (3) The southern portion of the contiguous area of the Property (APNs 7271-011-008 [eastern portion only], 7271-008-013, and the most southerly parcel, which does not currently have an associated APN, is occupied by Petros Tubular Services, Inc. (Petros) as a storage yard (the "Petros Yard"). The Petros yard is comprised of approximately 6.39 acres and is used to store pipes and fittings associated with the oil and gas industry.

- Prior to use as the above-mentioned storage yards, the Property was predominantly used by the City of Long Beach for various operations performed by Long Beach public service departments (e.g. traffic management, street maintenance, and landscaping). SCS previously conducted a Phase I Assessment (SCS, February 22, 2005) for the City of Long Beach, the findings of which (detailed in Section 11 of this report) concluded that numerous RECs were identified on the southern portion of the Property (excluding the noncontiguous northern parcel), including a carwash, two clarifiers, paint spray booth, chemical cabinet, former fueling station, fill material containing debris from the 1933 earthquake and petroleum-related impacts to soil and/or groundwater from underground fuel storage tanks. Further, historic operations on these parcels have included vehicle and equipment maintenance, painting shop, chemical laboratory, landscaping departments, machine shop, etc. The locations and nature of these operations appeared to be transitory, and it was determined possible that waste oils, various pesticides, oils, paint and solvents were spilled or leaked over the 70 plus years of operation.

  However, since the initial Phase I ESA in 2005, numerous phases of investigation and remediation have been conducted to investigate the previously identified recognized environmental conditions (RECs), the statuses of which can be summarized as follows:

  - A previous Phase II investigation (SCS, August 2, 2005), was conducted to address concerns identified in the 2005 Phase I ESA. Based on the results of this investigation, the previously identified hazardous materials storage areas, previous use of solvents, and former fueling station were considered historical recognized environmental conditions (HRECs).

  - A 1,000-gallon unused UST was located on the western portion of the 16th Street right-of-way just south of APN 7271-012-020 (**Figure 4a**). This UST was originally meant to contain solvent/kerosene, was installed on July 19, 1988, and removed in January 1999. Regulatory closure was received from the Joint Powers Agency (currently the Long Beach Department of Health and Human Services [DHHS]) in the "No Further Action (NFA)" Letter dated March 25, 1999 (**Appendix E**), which also provided closure for three (3) other USTs associated with the Long Beach Public Works Yard at 1725 San Francisco (not associated with the Property).

  - A 550-gallon gasoline UST was located in the 14th Street right-of-way just north of APN 7271-007-903 (**Figure 4b**). The UST was removed on August 30, 1995. A groundwater investigation and subsequent monitoring events were conducted. The RWQCB issued an NFA letter for the 550-gallon UST at the 14th Street right-

of-way dated July 6, 2011 (**Appendix E**). The associated groundwater monitoring wells were subsequently abandoned on July 22, 2011. Because the RWQCB closed the case allowing residual contamination to remain in place, this former UST is considered a controlled recognized environmental condition (CREC). The RWQCB did not make any restrictions regarding the UST; however appropriate measures should be taken if digging is to occur in the area.

- Two 12,000-gallon USTs were located at the northeast corner of APN 7271-008-013 at 1445 San Francisco Avenue (**Figure 4b**). The tanks (one gasoline and one diesel), installed November 1998 were removed on July 2, 2008. As a result of SCS's follow-up regarding the two 12,000-gallon USTs removed in 2008, the RWQCB issued an NFA letter dated July 3, 2012. These two former USTs constitute an HREC with regards to the Property.

- A Phase II Investigation (conducted in November 2010) and geophysical survey (conducted in July 2012) were performed on the southern portion of former APN 7172-007-903 (no current APN assigned; **Figure 4b**) for the historical gas station located at 949 W. Anaheim, which is not a confirmed address of the Property, but was potentially located in this area. The November 2010 and July 2012 investigations of the southern portion of the Property found no obvious signs of former USTs or associated fuel-impacts indicative of a release associated with former USTs. As a result, the potential of a former service station at 949 W. Anaheim is considered to be an HREC.

- In April 2012, SCS inspected two suspect wells identified at 1601 San Francisco Avenue. The inspection, summarized in SCS' letter dated July 18, 2012, determined the wells to be 6-inch steel casings (the use of which was unknown), however they were determined not to be groundwater wells and therefore the well boxes and steel casings are determined to be a *de minimus condition*.

- Since the bulk of the fill soil (presumed 1933 earthquake debris) was anticipated on two parcels in the center of the contiguous portion of the Property (APNs 7271-011-008 and 7271-008-013) a Remedial Action Plan (SCS, March 2012, Revised May 2014) was prepared for this area. Very little fill soil existed on northerly and southerly portion of the contiguous portion of the Property (APN 7271-012-023 and previously identified APN 7271-007-005) and in order to expedite obtaining "no further action" letters for these parcels in anticipation of their eminent lease, a separate investigation under DHHS oversight was conducted. The results of this investigation (SCS, March 2, 2012) concluded that no evidence of significant impacts from lead or other metals associated with fill soil was identified. The DHHS subsequently issued NFA letters for these parcels dated July 11, 2012 (**Appendix E**). Therefore, the presence of fill soils on these two parcels is considered to be an HREC.

- In January 2013, clarifiers associated with former car wash (located within the fill area) and paint rinse areas were removed. Clarifier abandonment activities were conducted with oversight provided by Long Beach Fire Department and described in SCS's report, *Clarifier Removal Report, Former Long Beach Public Service*

Yard dated February 2013. Approval of the clarifier closure was pending the remediation and an NFA has been requested from the DHHS. The clarifiers are considered to be an HREC, however, it is recommended that the follow-up with the DHHS be conducted until the NFA letter is issued.

- APNs 7271-011-008 and 7271-008-013, which held the bulk of the suspected earthquake debris, were remediated between August 2014 and February 2015. As part of the remedial excavation activities approximately 44,000 cubic yards of impacted material was excavated from the Property and placed on an area adjacent to the Property (western two-thirds of APN 7271-011-008) known as "the Long Beach Parcel" (which is being re-purchased and will be maintained by the City of Long Beach) and is not a part of the Property.

  Because debris extended beyond the Property boundaries, the impacted material was excavated to the extent possible without extending past the Property boundaries (i.e. into the river path). Therefore, impacted material will remain below the surface (and unexposed) in several other areas of the Property including: potentially beneath the building that remains on the Property, along the western property line, and in an area where the Southern California Edison pole and support are located. The limited impacted areas that remain are depicted on **Figure 5**; if any digging were to occur in these areas, appropriate measures should be taken. Approximately 12,614 cubic yards of clean soil was imported from two construction sites for backfill of the remedial excavation area on the Property. The excavation was backfilled, graded, and compacted prior to being asphalt paved for use by Petros. A total of 78 confirmation samples (S1 through S78) were collected on a grid spacing of approximately every 50 feet. Concentrations of lead in the 78 samples ranged from non-detect (less than 2.5 mg/kg) to 102 mg/kg, all well below the cleanup goal of 320 mg/kg. The DHHS issued an NFA letter dated April 27, 2015 (**Appendix E**). The presence of residual fill debris with elevated lead concentrations in certain areas of the Property is considered a CREC.

- Regulatory database information identified the Property on the HAZNET, Historical Cortese, Historical Auto Station, CDL, LUST, RCRA-SQG, FINDS, and UST databases. The Cortese, LUST and UST database listings appear to relate to the historic UST operations, removals, and cleanups. Other EDR report information indicated that wastes such as organic solids, oil-containing wastes, aqueous solutions with organic residues, asbestos containing waste, unspecified solvent mixture waste, and waste oil and mixed oil, were used on the Property. As a result of the previous investigations and/or current use of the Property, the listings of the Property on the associated databases are considered to be CRECs or HRECs.

- Observations during the site inspection indicate that adjacent properties are currently occupied by numerous commercial/industrial operators. No obvious RECs for the Property were identified on these adjacent sites. However, regulatory database information also indicates that numerous sites within 0.25 miles of the Property have had releases of substances including hydrocarbons and volatile organic compounds, and groundwater in the area has been impacted. Based on this information, it is

possible that impacted groundwater from these sites has migrated beneath the Property.

In summary, SCS has performed a Phase I Environmental Site Assessment of the Former Long Beach Public Service Yard consisting of five and a half parcels located at Anaheim Street and San Francisco Avenue, in Long Beach, California, in conformance with the scope and limitations of 40 CFR 312 and ASTM E1527-13. Any exceptions to, or deletions from, this practice are described in Section 5 of this report.

In the opinion of the Environmental Professionals, this assessment has revealed no evidence of conditions indicative of releases or threatened releases of hazardous substances other than the HRECs and CRECs as discussed above. Six NFA letters have been issued in association with the Property and one is currently pending in association with the former clarifiers. Further investigation is not recommended.

17 REFERENCES

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources Website: http://www.conservation.ca.gov/dog/Pages/Index.aspx.

California Department of Health Services, *California Indoor Radon Levels Sorted by Zip Code*, http://www.cdph.ca.gov/healthinfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf. Updated May 4, 2010.

California Environmental Protection Agency, State Water Resources Control Board. GeoTracker website; http://geotracker.waterboards.ca.gov/

California Regional Water Quality Control Board, July 6, 2011. *Underground Storage Tanks Program – Case Closure, Former Long Beach City Tow Yard, 901 Anaheim Street West, Long Beach (Case No. 908130498) (Priority D-1 Site).*

California Regional Water Quality Control Board, July 3, 2012. *Underground Storage Tanks Program – Case Closure, Public Service Yard (Priority D-1 Site), 1725 San Francisco Avenue, Site 43, Long Beach (File No. 908130607).*

City of Long Beach, July 11, 2012. *1725 San Francisco Avenue, Long Beach (Parcel 7271-007-005/Southern Parcel)* Letter Re: No Further Action.

City of Long Beach, July 11, 2012. *1725 San Francisco Avenue, Long Beach (Parcel 7271-012-023/Northern Parcel)* Letter Re: No Further Action.

City of Long Beach, April 27, 2015. *Letter of Compliance – No Further Action, 1401 San Francisco Avenue, Long Beach, CA 90813, Los Angeles County Recorded Application No. #1411-08C/APN: 7271-008-013 and a portion of 7271-011-008.*

Environmental Data Resources, Inc., www.edrnet.com, 1-800-352-0050.

GeoTracker Website, http://geotracker.swrcb.ca.gov/

Pacific Coast Tank, *Underground Storage Tank Removal Report*, dated July 1, 2008.

SCS Engineers, February 22, 2005. *Phase I Environmental Assessment, Long Beach Public Service Yard, San Francisco Avenue – 7 APNs, Long Beach, California,* (File No. 01204007.01)

SCS Engineers, August 2, 2005. *Phase II Site Investigation Report, Long Beach Public Service Yard, 1601 San Francisco Avenue, Long Beach, California,* (File No. 01204007.02)

SCS Engineers, October 17, 2005. *Groundwater Investigation Report, Former Long Beach City Tow Yard, 901 West Anaheim Street, Long Beach, California,* (File No. 01204007.02)

SCS Engineers, April 17, 2006. *First Quarter 2006 Groundwater Monitoring, 901 West Anaheim, Long Beach, California,* (File No. 01204007.02).

SCS Engineers, July 18, 2006. *Second Quarter 2006 Groundwater Monitoring, 901 West Anaheim, Long Beach, California,* (File No. 01204007.02).

SCS Engineers, October 16, 2006. *Third Quarter 2006 Groundwater Monitoring, 901 West Anaheim, Long Beach, California,* (File No. 01204007.02).

SCS Engineers, April 2010. *Groundwater Monitoring Report, Former Long Beach City Tow Yard, 901 West Anaheim Street, Long Beach, California,* (File No. 01209295.00).

SCS Engineers, November 5, 2010. *Phase I Environmental Assessment, Former Long Beach Public Service Yard, 5½ Parcels at Anaheim Street and San Francisco Avenue, Long Beach, California,* (File No. 01210161.00).

SCS Engineers, December 1, 2010. *Phase II Site Investigation Report, Long Beach Public Service Yard, 949 W. Anaheim Street, Long Beach, California,* 90813, APN 7172-007-903 (File No. 01210161.01).

SCS Engineers, August 9, 2011. *Report of Closure Activities – Former Long Beach City Tow Yard, 901 West Anaheim Street, Long Beach, California (RWQCB Case No 9081304498).*

SCS Engineers, March 2, 2012. *Confirmation Sampling Report, Former Long Beach Public Service Yard, APNs 7271-007-005 and 7271-012-023, Long Beach, California* (File No. 01210161.05).

SCS Engineers, March 2012. *Remedial Action Plan, Former Long Beach Public Service Yard (APNs 7271-011-008 and 7271-008-013, Long Beach, California* (File No. 01210161.03).

SCS Engineers, July 18, 2012. *Summary Report Related to a Geophysical Survey at 949 West Anaheim Street and "Suspect" Wells at 1601 San Francisco Avenue, Long Beach, California* (File No. 01210161.07).

SCS Engineers, February 2013. C*larifier Removal Report, Former Long Beach Public Service Yard, 1725 San Francisco Avenue, Long Beach, California, 90813* (File No. 01212361.00).

SCS Engineers, May 9, 2013. *Draft Summary of Site Characterization Activities and Analytical Data Letter, Former Long Beach Public Service Yard, 1725 San Francisco Avenue, Long Beach, California* (File No 01212361.00).

SCS Engineers, (March 2012) Revised May 2014. *Revised Remedial Action Plan, Former Long Beach Public Service Yard (APNs 7271-011-008 and 7271-008-013), Long Beach, California* (File No. 01210161.09).

SCS Engineers, October 6, 2014. *Letter Re: Submittal of Proposed CAP detail and Schedule, Former Long Beach Public Service Yard (APNs 7271-011-008 and 7271-008-013), Long Beach, California* (File No. 01210161.10).

SCS Engineers, March 23, 2015. *Site Remediation and Closure Report, "Yard Parcel" of the Former Long Beach Public Service Yard (APNs a portion of 7271-011-008 and 7271-008-013, Long Beach, California* (File No. 01210161.10).

18 GLOSSARY/DEFINITIONS

AAI -- All Appropriate Inquiry
AUL -- Activity and Use Limitations
BTEX -- benzene, toluene, ethylbenzene, and total xylenes
CERCLA -- Comprehensive, Environmental Response, Compensation, and Liability Act
CERCLIS -- Comprehensive Environmental Response, Compensation, and Liability Information System
CFR -- Code of Federal Regulations
CORRACTS -- Corrective Action Against Responsible Parties at a RCRA site
CREC -- A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, AULs, or institutional or engineering controls).
DOGGR -- Department of Oil, Gas, and Geothermal Resources
De Minimis Condition -- A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not RECs or CRECs.
DTSC -- California EPA Department of Toxic Substances Control
EDR -- Environmental Data Resources, Inc.
EPA -- Environmental Protection Agency
ERNS -- Emergency Response Notification System
ESA -- Environmental Site Assessment
FINDS -- Facility Index System
HAZNET -- California EPA Hazardous Waste Facility and Manifest Data
HREC -- Historical Recognized Environmental Condition: A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.
LQG -- Large Quantity Hazardous Waste Generator
LUST -- Leaking Underground Storage Tank
MCL -- Maximum contaminant level
MTBE -- Methyl-tert-butyl-ether
NFA -- No Further Action determination
NFRAP -- No Further Remedial Action Planned
NPL -- National Priority List (Superfund)
PAHs -- Polynuclear aromatic hydrocarbons
PCBs -- Polychlorinated biphenyls
PRGs -- Preliminary Remediation Goals
RCRA -- Resource Conservation and Recovery Act
RCRIS -- Resource Conservation and Recovery Information System

RECs -- R*ecognized environmental conditions* is defined by ASTM E 1527-13 a*s*: "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis conditions* are not *recognized environmental conditions*."

ROD -- Record of Decision

RBSLs -- Risk-based Screening Levels

RWQCB -- Regional Water Quality Control Board

SARA -- Superfund Amendments and Reauthorization Act

SLIC -- Spills, Leaks, Investigations, and Cleanups database

SQG -- Small Quantity Hazardous Waste Generator

SWIS -- Solid Waste Information System

SWLF -- Solid Waste Facility/Landfills

TPH -- Total Petroleum Hydrocarbons

TRIS -- Toxic Release Inventory System

TSD -- Treatment, Storage, and/or Disposal Facility

User -- The person or persons seeking to establish the innocent landowner defense, bona fide prospective purchaser liability protection, and/or contiguous property owner liability protection pursuant to CERCLA sections 101 and 107.

USGS -- United States Geologic Survey

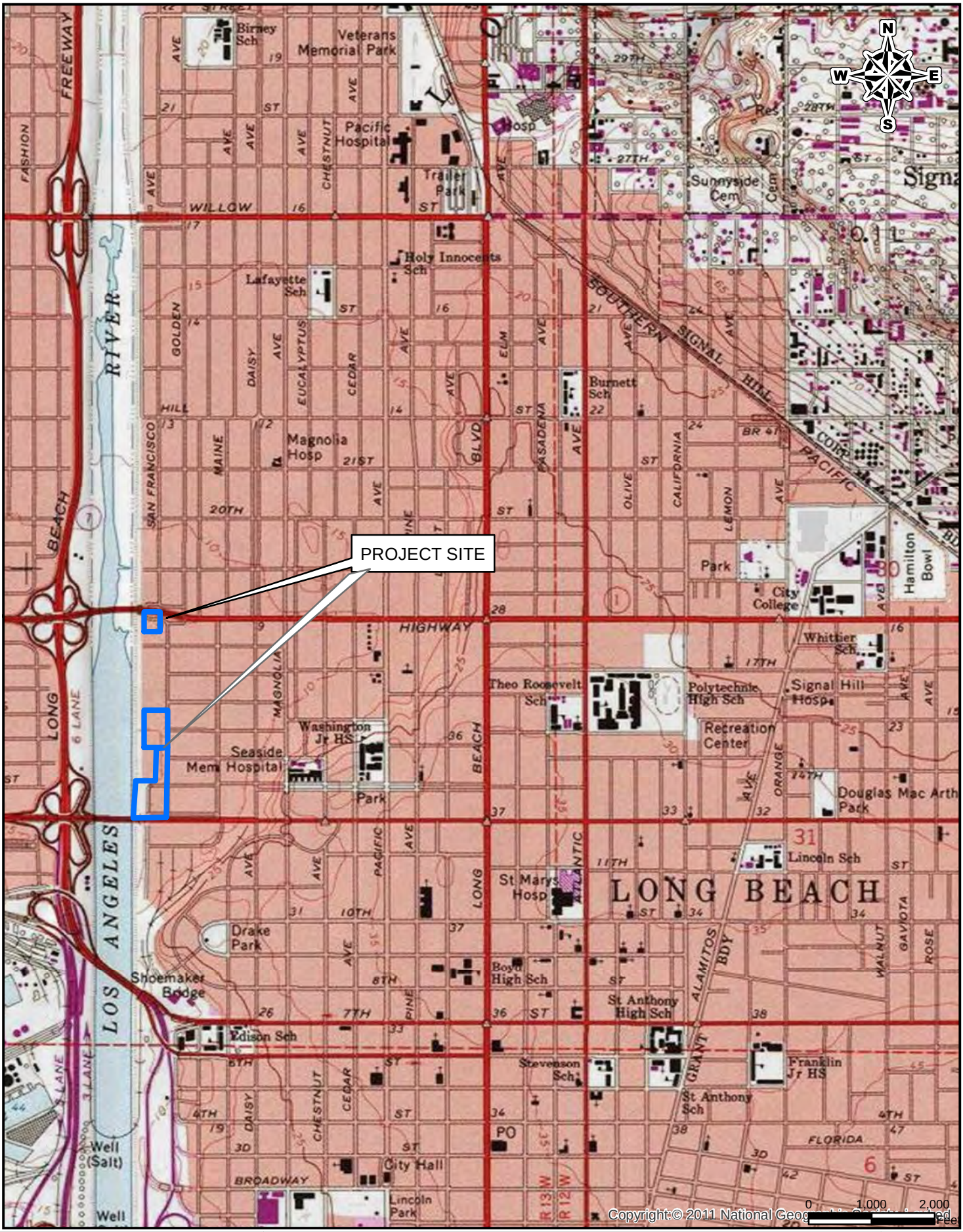
UST -- Underground Storage Tank

VCP -- Voluntary Cleanup Program

VOCs -- Volatile organic compounds

APPENDIX A

FIGURES 1 THROUGH 5



SCS ENGINEERS

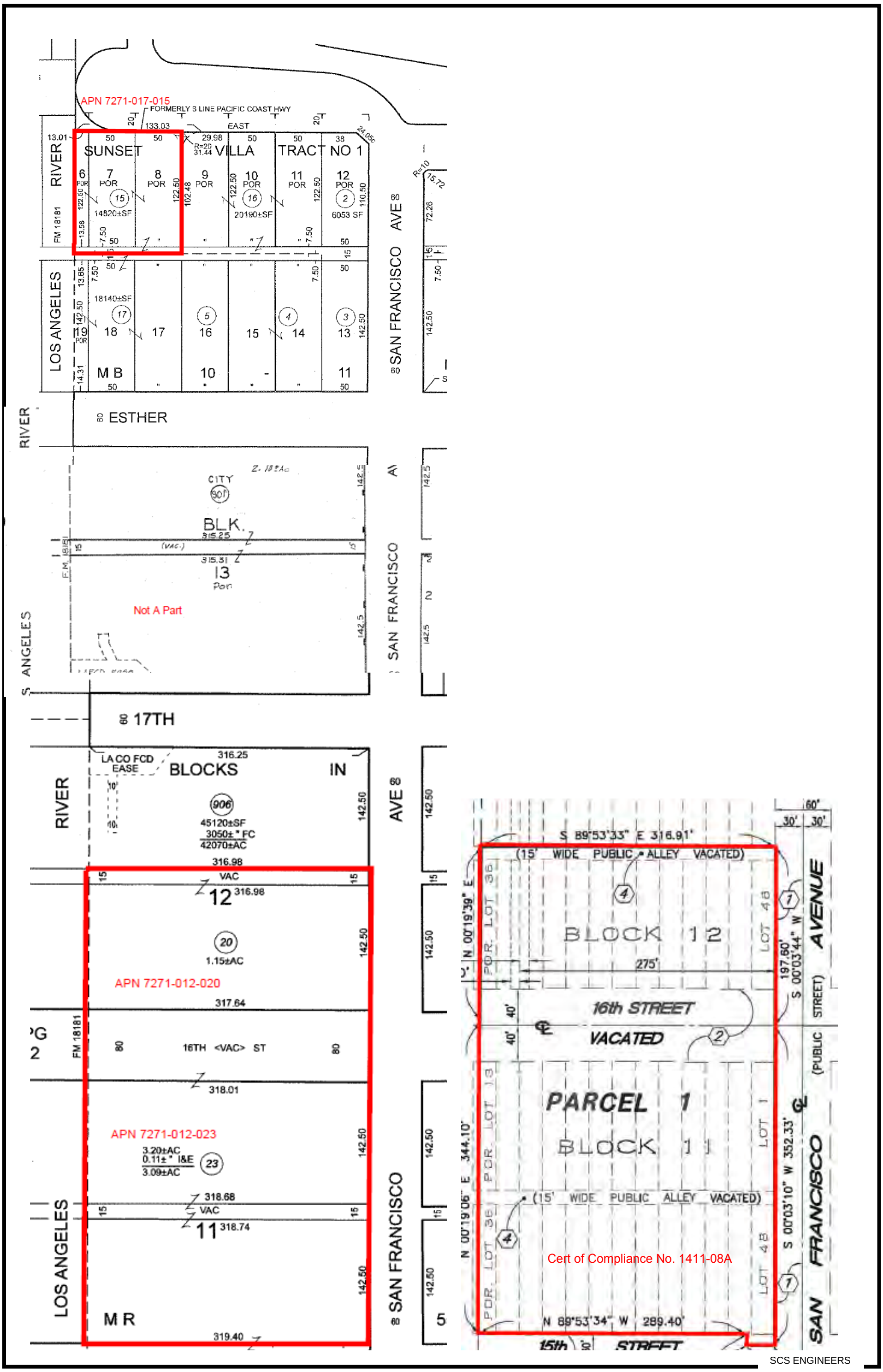
3900 KILROY AIRPORT WAY, STE 100
LONG BEACH, CALIFORNIA 90806-6816

SITE:
FORMER LONG BEACH PUBLIC SERVICE YARD
LONG BEACH, CA 90813

Job No.: 01210161.11

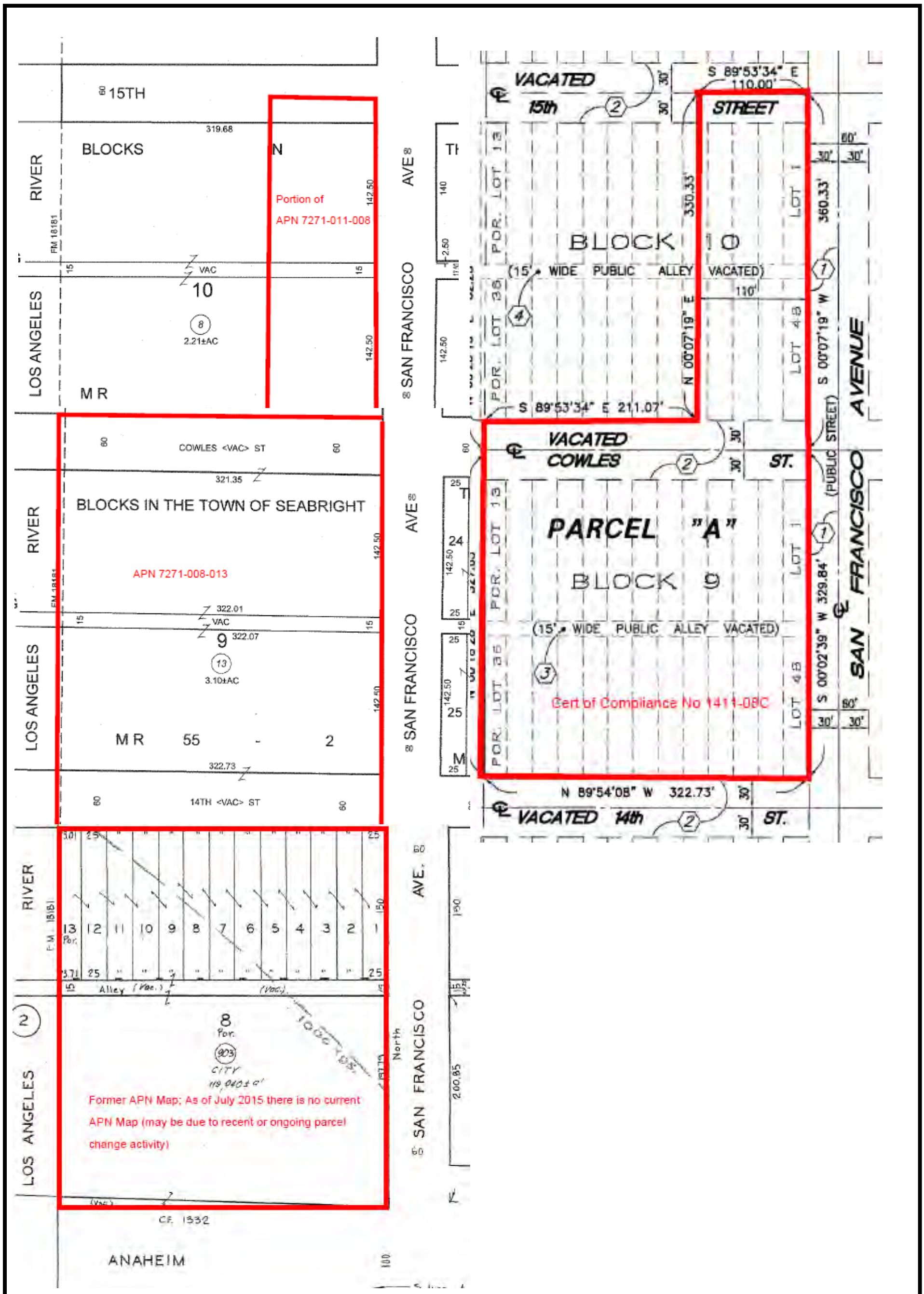
Title: SITE LOCATION MAP

FIGURE
1



SCS ENGINEERS

Figure 2a. Assessor's Parcel Map



SCS ENGINEERS

Figure 2b. Assessor's Parcel Map

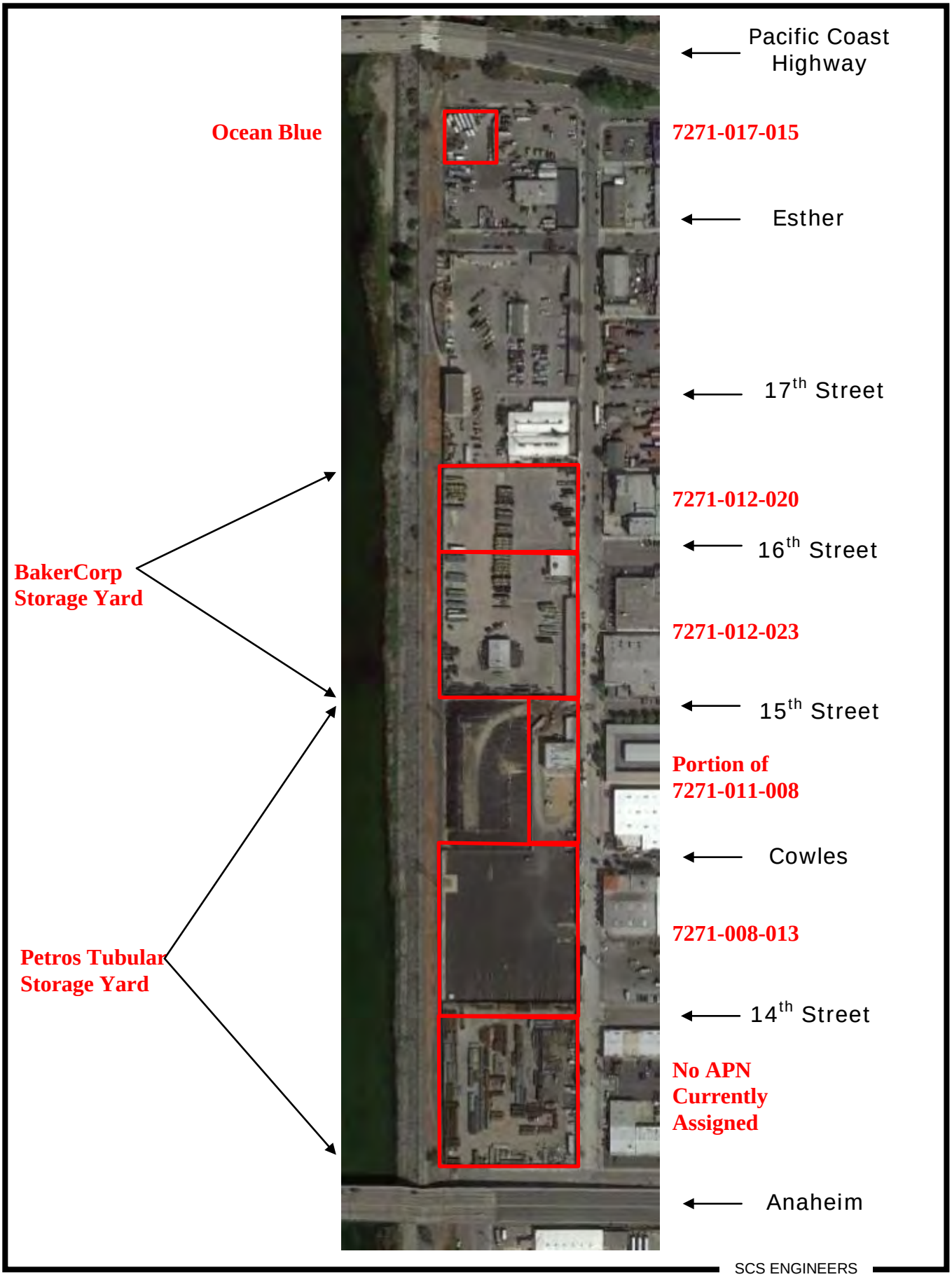


Figure 3. Aerial Photograph (dated March 2015) depicting the Property, APNs, and Current Occupants.

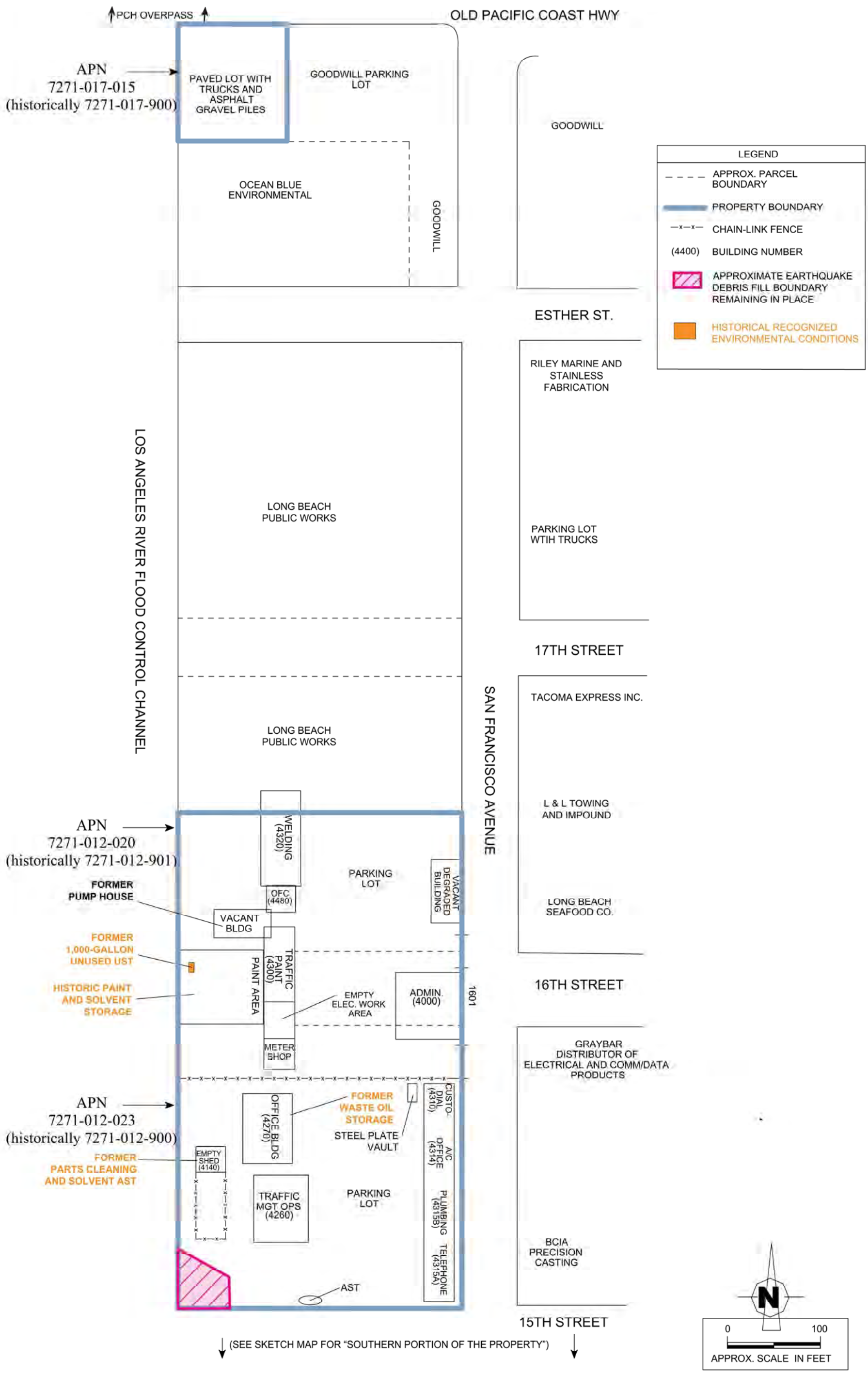


FIGURE 4a

DRAWING NO.

SCALE: 1"=100'

DATE: JULY 2015

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 100
LONG BEACH, CA 90806
PH. (562) 426-9544 FAX. (562) 427-0805

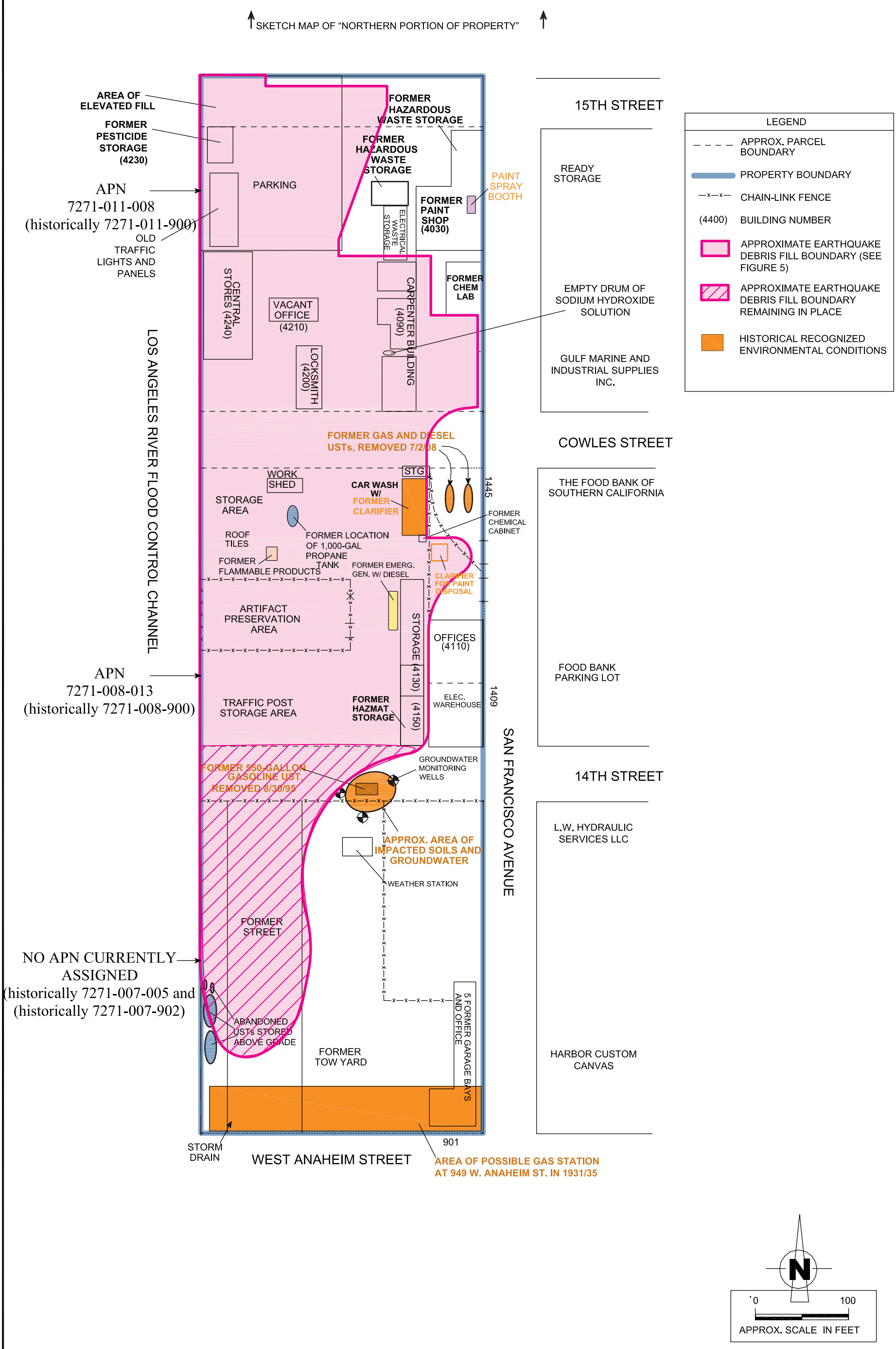
PROJ. NO.	DWN. BY:	ACAD FILE:
01210161.11	R. RAMIREZ	J/HW/2010
DSN. BY: A. HUTCHENS	CHK. BY: A. HUTCHENS	APP. BY: A. HUTCHENS

CLIENT:
ALERE PROPERTY GROUP, LLC
100 BAYVIEW CIRCLE, SUITE 130
NEWPORT BEACH, CA 92660

SHEET TITLE:
HISTORICAL OPERATIONS ON NORTHERN PORTION OF PROPERTY

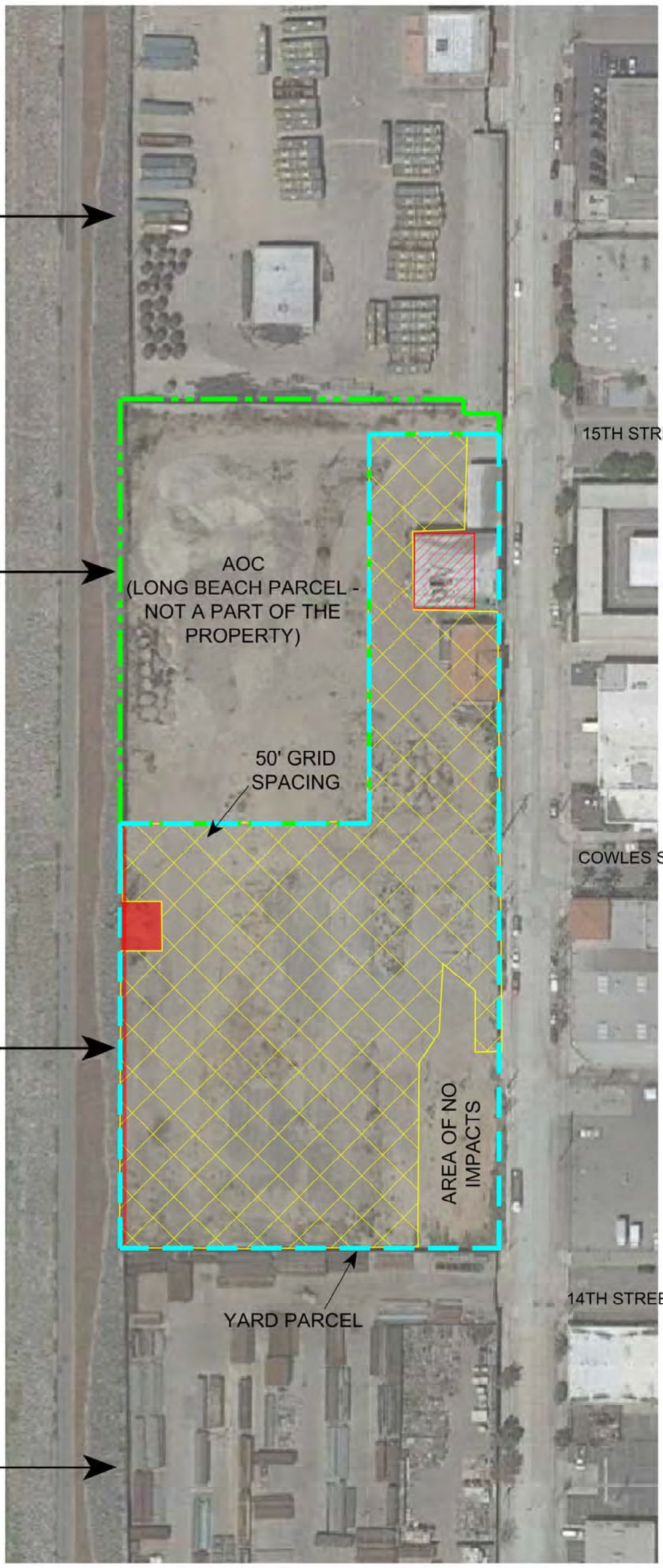
PROJECT TITLE:
PHASE I - FORMER LONG BEACH PUBLIC SERVICE YARD
5.5 PARCELS AT ANAHEIM ST. AND SAN FRANCISCO AVE.

NO.	REVISION	DATE



DRAWING NO. FIGURE 4b	SCALE: 1"=100'	DATE: JULY 2015	**SCS ENGINEERS** ENVIRONMENTAL CONSULTANTS 3900 KILROY AIRPORT WAY, SUITE 100 LONG BEACH, CA 90806 PH. (562) 426-9544 FAX. (562) 427-0805	CLIENT: ALERE PROPERTY GROUP, LLC 100 BAYVIEW CIRCLE, SUITE 130 NEWPORT BEACH, CA 92660	SHEET TITLE: HISTORICAL OPERATIONS ON SOUTHERN PORTION OF PROPERTY
			PROJ. NO. 01210161.11 / DWN. BY: R. RAMIREZ / ACAD FILE: J/HW/2010		PROJECT TITLE: PHASE I - FORMER LONG BEACH PUBLIC SERVICE YARD 5.5 PARCELS AT ANAHEIM ST. AND SAN FRANCISCO AVE.
			DSN. BY: A. HUTCHENS / CHK. BY: A. HUTCHENS / APP. BY: A. HUTCHENS		

NO.	REVISION	DATE



LEGEND

- LONG BEACH PARCEL
- YARD PARCEL
- AREA OF REMEDIAL EXCAVATION
- AREA REMAINING WITH SOIL IMPACTS
- ANTICIPATED AREA REMAINING WITH SOIL IMPACTS

N

GRAPHIC SCALE
0 100 200
SCALE IN FEET

FIGURE 5

DRAWING NO.

SCALE: 1"=100'

DATE: JULY 2015

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 100
LONG BEACH, CA 90806
PH. (562) 426-9544 FAX. (562) 427-0805

PROJ. NO.	DWN. BY:	ACAD FILE:
01210161.11	A. HUTCHENS	J/HW/2010/.11/Figs
DSN. BY: A. HUTCHENS	CHK. BY: A. HUTCHENS	APP. BY: K.GREEN

CLIENT:
ALERE PROPERTY GROUP, LLC
100 BAYVIEW CIRCLE, SUITE 130
NEWPORT BEACH, CA 92660

SHEET TITLE:
MAP SHOWING REMEDIATION AREA AND AREAS THAT REMAIN WITH SOIL IMPACTS

PROJECT TITLE:
FORMER LONG BEACH PUBLIC SERVICE YARD

NO.	REVISION	DATE

APPENDIX B

AERIAL IMAGE AND SITE PHOTOGRAPHS

SCS ENGINEERS

DRAWING NO. Appendix B	SCALE: Not to Scale	DATE: JULY 2015	**SCS ENGINEERS** ENVIRONMENTAL CONSULTANTS 3900 KILROY AIRPORT WAY, SUITE 100 LONG BEACH, CA 90806 PH. (562) 426-9544 FAX. (562) 427-0805	CLIENT: ALERE PROPERTY GROUP, LLC 100 BAYVIEW CIRCLE, SUITE 130 NEWPORT BEACH, CA 92660	SHEET TITLE: AERIAL PHOTO MAP SHOWING PHOTO LOCATIONS
			PROJ. NO. 01210161.11 / DWN. BY: R. RAMIREZ / ACAD FILE: J/HW/2010		PROJECT TITLE: PHASE I - FORMER LONG BEACH PUBLIC SERVICE YARD 5.5 PARCELS AT ANAHEIM ST. AND SAN FRANCISCO AVE.
			DSN. BY: A. HUTCHENS / CHK. BY: A. HUTCHENS / APP. BY: A. HUTCHENS		

NO.	REVISION	DATE
△		
△		
△		
△		
△		
△		

Photo 1. View of Property looking west down West Anaheim Street.

Photo 2. Northerly view of the Eastern Property Line and San Francisco Avenue.

Photo 3. Northerly view of the southern portion of the Property occupied by Petros Tubular Services at 929 W. Anaheim Street.

Photo 4. View of cage area for connection fittings on the Petros Yard portion of the Property.

Photo 5. View of Petros Yard where De Forest Avenue formerly ran through the Property.

Photo 6. New portion of the Petros Yard recently remediated by removing refuse and lead-contaminated soil.

Photo 7. Northwesterly view of the structures on the Petros Property and San Francisco Street.

Photo 8. Access Area for the City of Long Beach Parcel (not a part of the Property) that separates the Petros and Baker portions of the Property.

Photo 9. Structure at Baker Yard portion of the Property.

Photo 10. Southeasterly overview of the Baker Yard portion of the Property.

Photo 11. View of the noncontiguous northern parcel of the Property, used as storage yard by Ocean Blue.

Photo 12. View of Ocean Blue facility adjacent to south of noncontiguous parcel of the Property.

Photo 13. View of Long Beach Public Service Yard adjacent to north of Baker Yard portion of the Property.

Photo 14. Southeasterly overview of the City of Long Beach Parcel (not a part of the Property) located between the Baker and Petros storage yard portions of the Property.

Photo 15. Southerly view of the river trail and LA River adjacent to the west of the Property.

Photo 16. Northerly view of San Francisco Avenue and sites adjacent to the east of the Property.

APPENDIX C

HISTORICAL SITE USE INFORMATION

Former Long Beach Public Service Yard
San Francisco Ave/W Anaheim St
Long Beach, CA 90813

Inquiry Number: 4328849.3
June 19, 2015

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

6/19/15

Site Name:	**Client Name:**
Former Long Beach Public	SCS Engineers
San Francisco Ave/W Anaheim	3900 Kilroy Airport Way
Long Beach, CA 90813	Long Beach, CA 90806
EDR Inquiry # 4328849.3	Contact: Kim Braun

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by SCS Engineers were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Former Long Beach Public Service Yard
Address: San Francisco Ave/W Anaheim St
City, State, Zip: Long Beach, CA 90813
Cross Street:
P.O. # NA
Project: 01210161.11
Certification # 98AE-4B55-970B

Maps Provided:

1963
1950

Sanborn® Library search results
Certification # 98AE-4B55-970B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

SCS Engineers (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

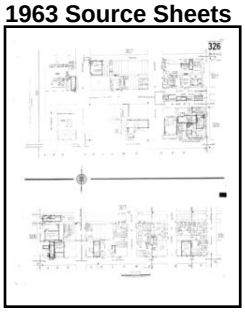
Copyright 2015 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

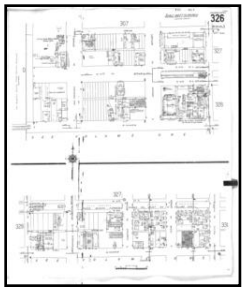
1963 Source Sheets



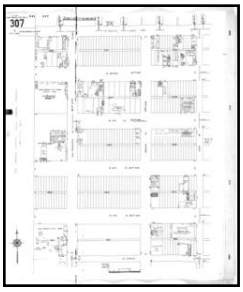
Volume 3, Sheet 326

1950 Source Sheets

Volume 1, Sheet 16

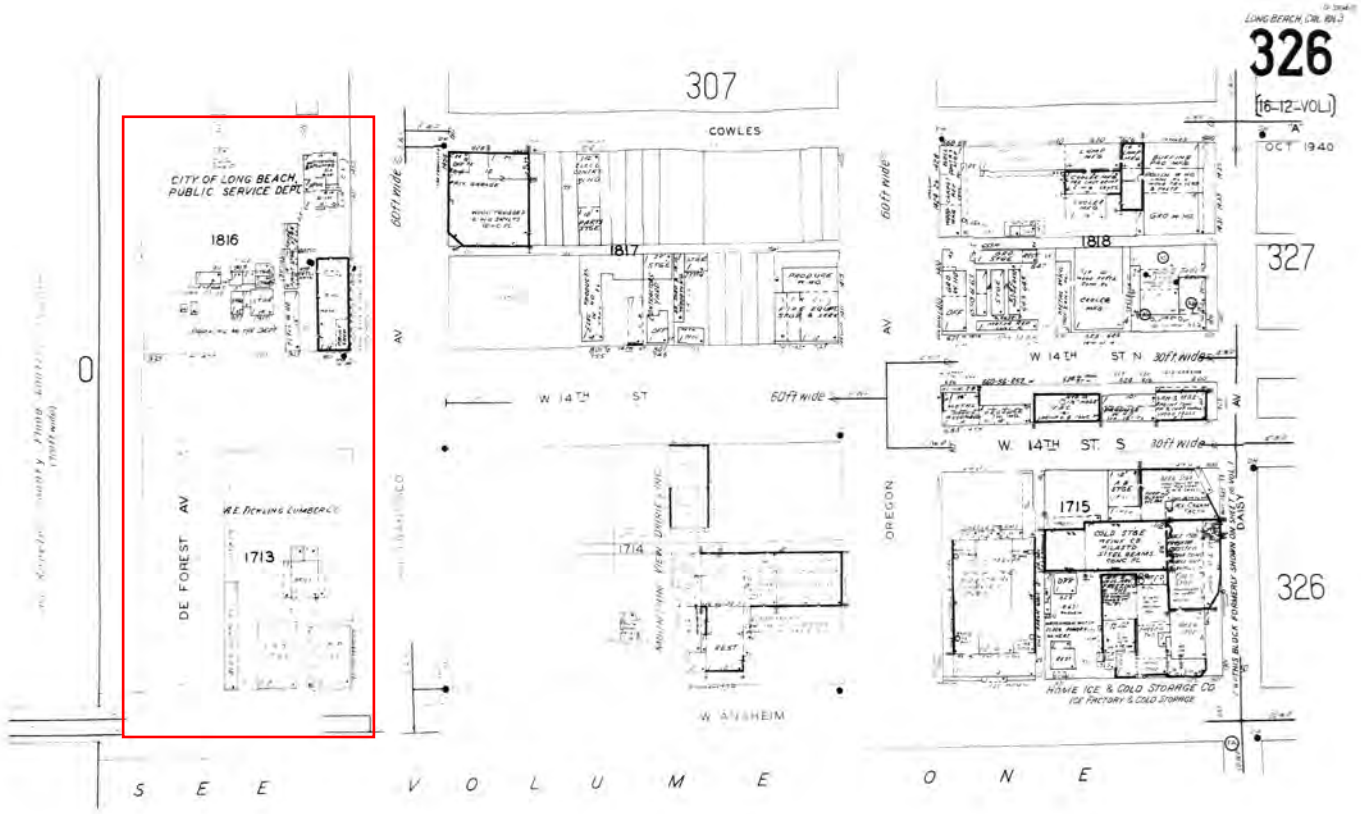


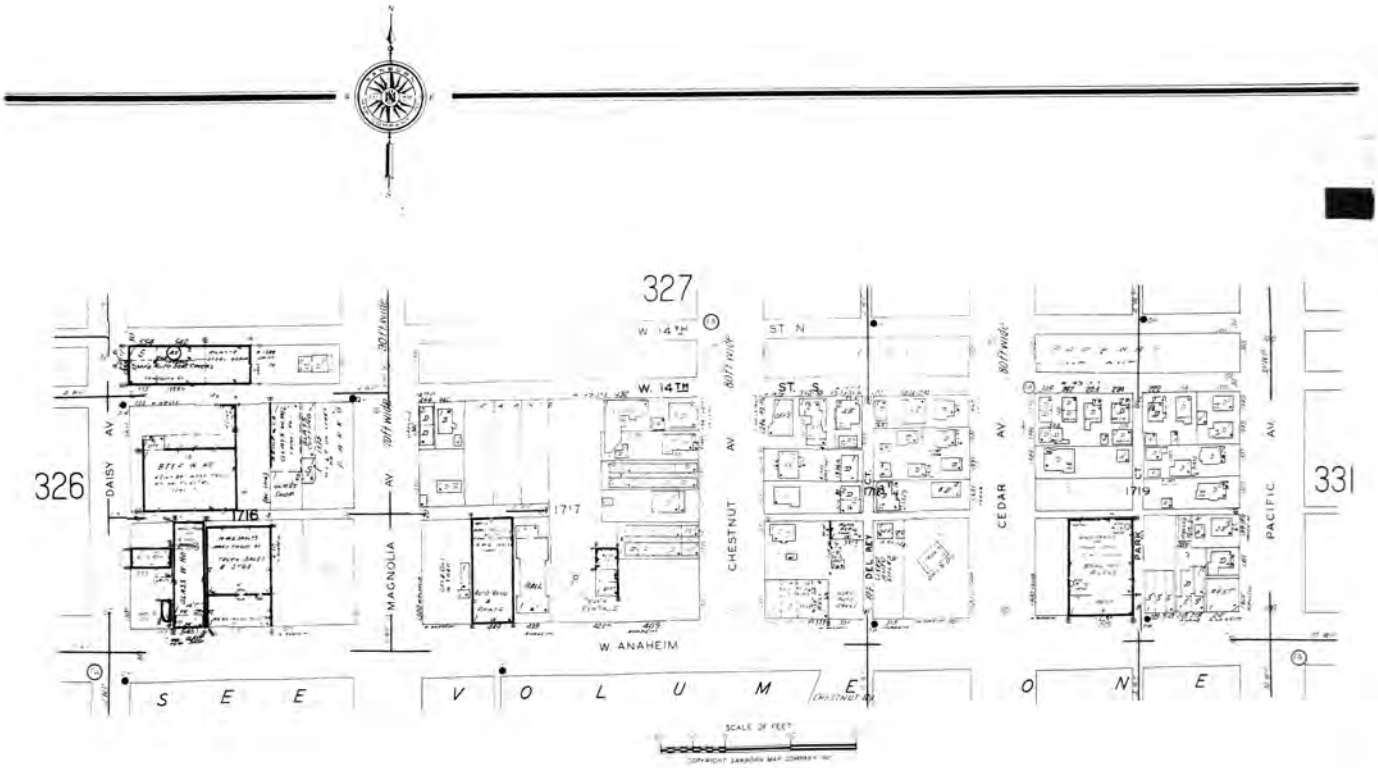
Volume 3, Sheet 326



Volume 3, Sheet 307

1963 Certified Sanborn Map



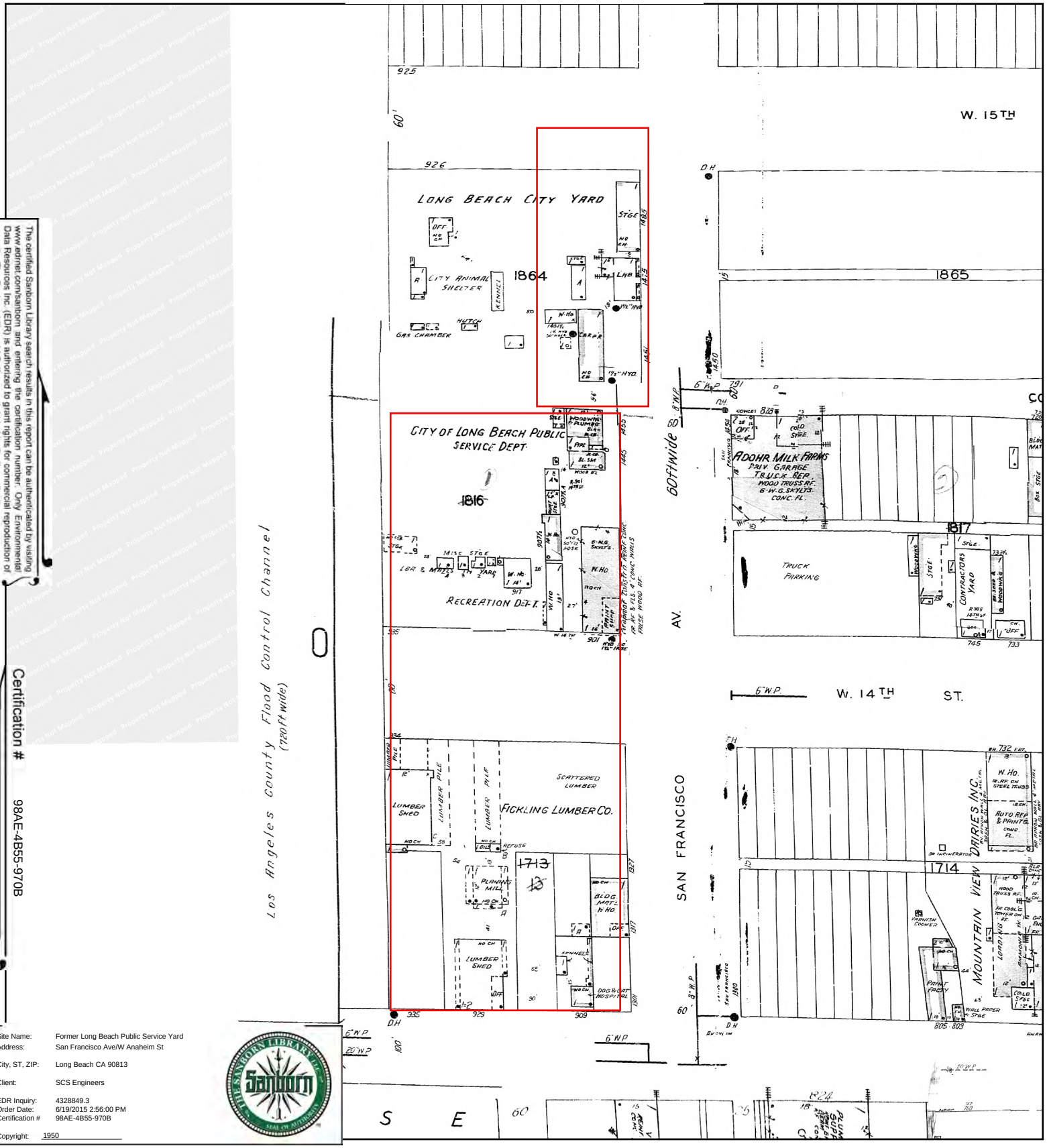


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 98AE-4B55-970B

Site Name:	Former Long Beach Public Service Yard
Address:	San Francisco Ave/W Anaheim St
City, ST, ZIP:	Long Beach CA 90813
Client:	SCS Engineers
EDR Inquiry:	4328849.3
Order Date:	6/19/2015 2:56:00 PM
Certification #	98AE-4B55-970B
Copyright:	1963

1950 Certified Sanborn Map



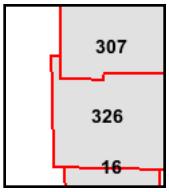
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 98AE-4B55-970B

Site Name:	Former Long Beach Public Service Yard
Address:	San Francisco Ave/W Anaheim St
City, ST, ZIP:	Long Beach CA 90813
Client:	SCS Engineers
EDR Inquiry:	4328849.3
Order Date:	6/19/2015 2:56:00 PM
Certification #	98AE-4B55-970B
Copyright:	1950

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 1, Sheet 16
Volume 3, Sheet 326
Volume 3, Sheet 307

N

San Francisco Ave/W Anaheim St
929 W Anaheim St
Long Beach, CA 90813

Inquiry Number: 2881976.3
October 04, 2010

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

9/30/10

Site Name:	**Client Name:**
San Francisco Ave/W Anaheim	SCS Engineers
929 W Anaheim St	3900 Kilroy Airport Way
Long Beach, CA 90813	Long Beach, CA 90806
EDR Inquiry # 2881976.3	Contact: Loran Bures

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by SCS Engineers were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name:	San Francisco Ave/W Anaheim St
Address:	929 W Anaheim St
City, State, Zip:	Long Beach, CA 90813
Cross Street:	
P.O. #	01-00381
Project:	01210161.00
Certification #	A638-4409-A38F

Maps Provided:

1963

1950

Sanborn® Library search results
Certification # A638-4409-A38F

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

SCS Engineers (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2010 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

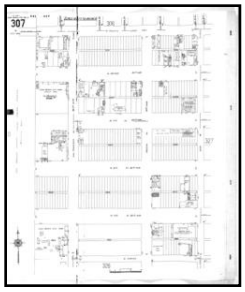
Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1963 Source Sheets

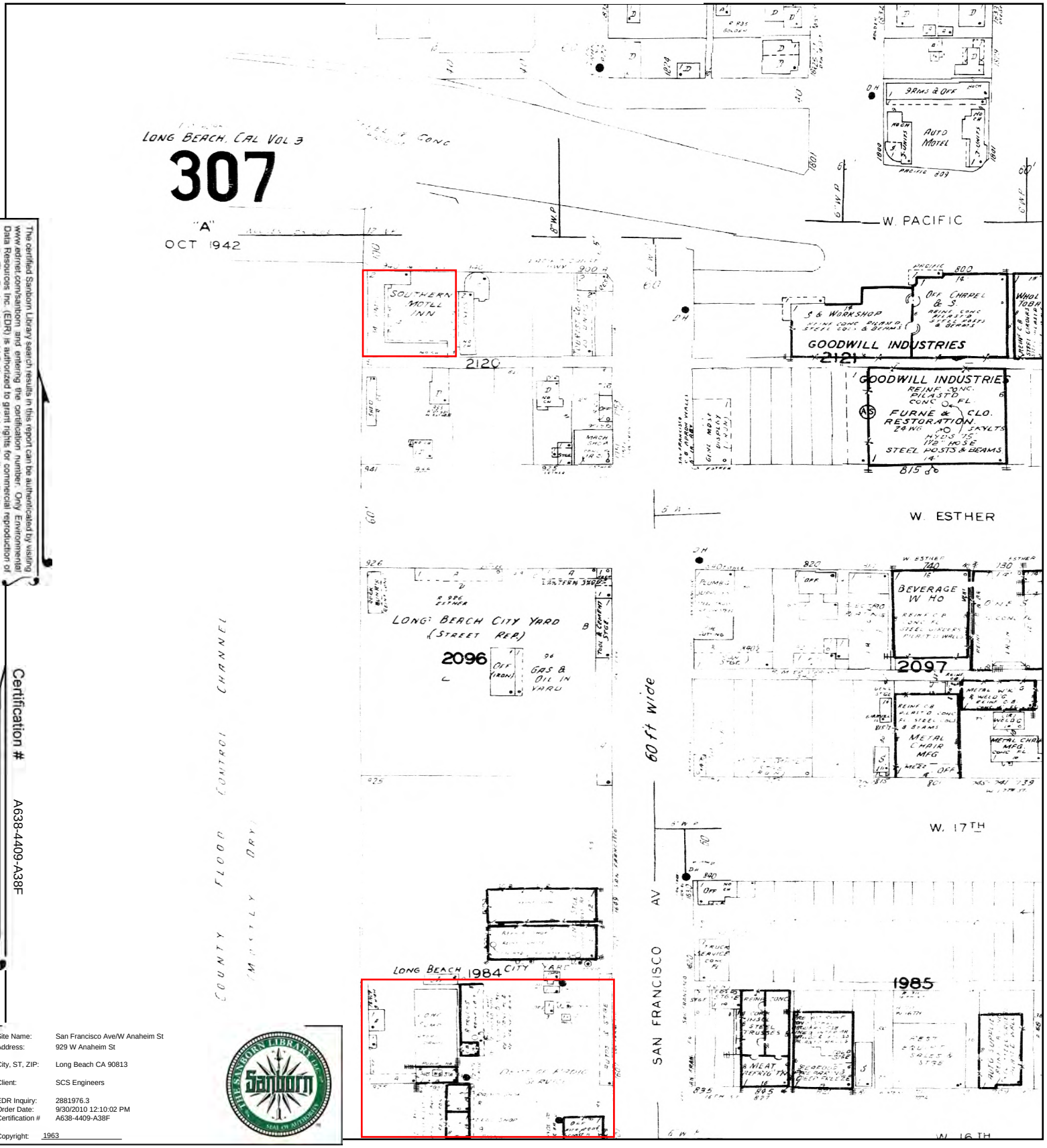
1950 Source Sheets

Volume 3, Sheet 306



Volume 3, Sheet 307

1963 Certified Sanborn Map



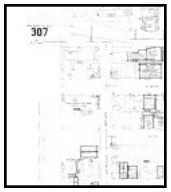
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

Site Name:	San Francisco Ave/W Anaheim St
Address:	929 W Anaheim St
City, ST, ZIP:	Long Beach CA 90813
Client:	SCS Engineers
EDR Inquiry:	2881976.3
Order Date:	9/30/2010 12:10:02 PM
Certification #	A638-4409-A38F
Copyright:	1963

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



N

1950 Certified Sanborn Map

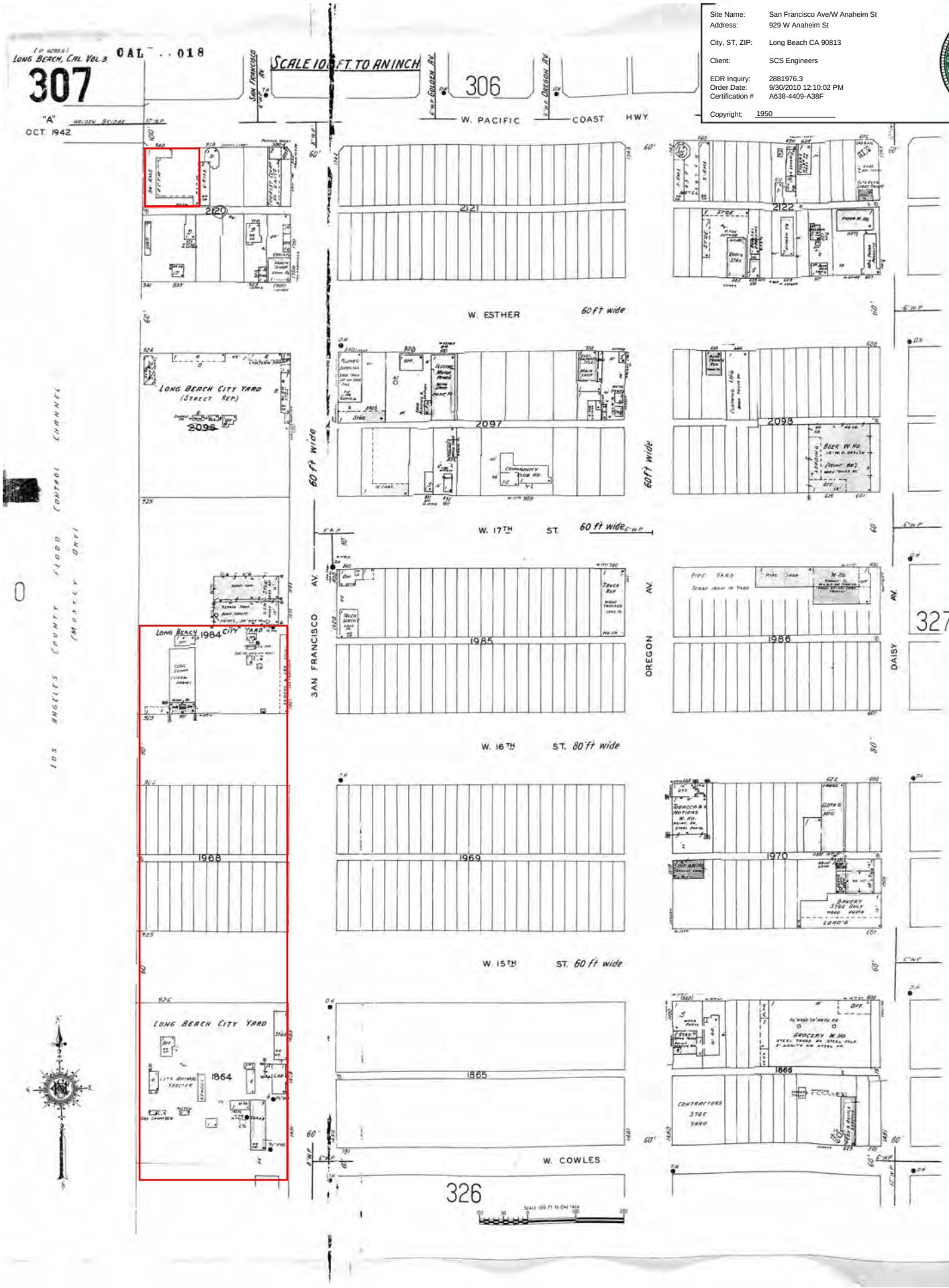
Site Name: San Francisco Ave/W Anaheim St
Address: 929 W Anaheim St
City, ST, ZIP: Long Beach CA 90813
Client: SCS Engineers
EDR Inquiry: 2881976.3
Order Date: 9/30/2010 12:10:02 PM
Certification # A638-4409-A38F
Copyright: 1950

The certified Sanborn Library search results in this report can be authenticated by visiting www.edmet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

1950 Certified Sanborn Map

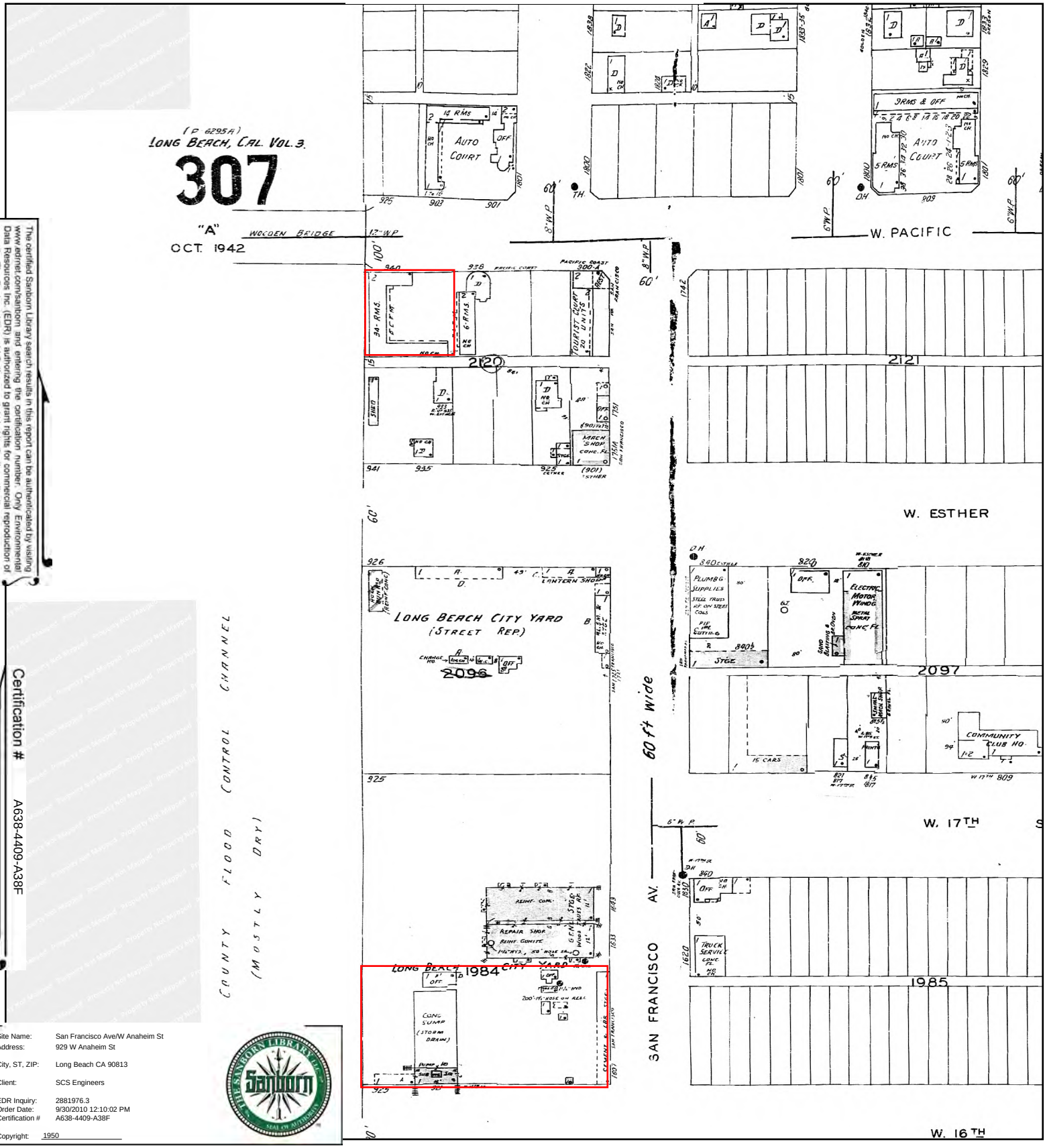
Site Name: San Francisco Ave/W Anaheim St
Address: 929 W Anaheim St
City, ST, ZIP: Long Beach CA 90813
Client: SCS Engineers
EDR Inquiry: 2881976.3
Order Date: 9/30/2010 12:10:02 PM
Certification # A638-4409-A38F
Copyright: 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

1950 Certified Sanborn Map



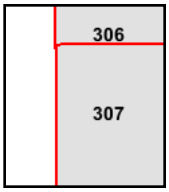
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

Site Name:	San Francisco Ave/W Anaheim St
Address:	929 W Anaheim St
City, ST, ZIP:	Long Beach CA 90813
Client:	SCS Engineers
EDR Inquiry:	2881976.3
Order Date:	9/30/2010 12:10:02 PM
Certification #	A638-4409-A38F
Copyright:	1950

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 3, Sheet 306
Volume 3, Sheet 307

N

San Francisco Ave/W Anaheim St
929 W Anaheim St
Long Beach, CA 90813

Inquiry Number: 2881976.3
October 04, 2010

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

9/30/10

Site Name:	**Client Name:**
San Francisco Ave/W Anaheim	SCS Engineers
929 W Anaheim St	3900 Kilroy Airport Way
Long Beach, CA 90813	Long Beach, CA 90806
EDR Inquiry # 2881976.3	Contact: Loran Bures

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by SCS Engineers were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name:	San Francisco Ave/W Anaheim St
Address:	929 W Anaheim St
City, State, Zip:	Long Beach, CA 90813
Cross Street:	
P.O. #	01-00381
Project:	01210161.00
Certification #	A638-4409-A38F

Maps Provided:

1969
1963
1950
1949
1914

Sanborn® Library search results
Certification # A638-4409-A38F

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

SCS Engineers (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2010 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1969 Source Sheets

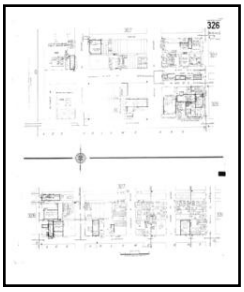
Volume 1, Sheet 15

Volume 1, Sheet 17

1963 Source Sheets

Volume 3, Sheet 308

Volume 3, Sheet 309

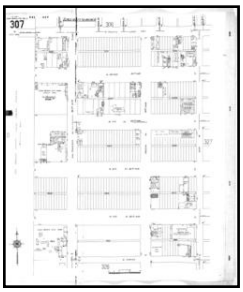


Volume 3, Sheet 328

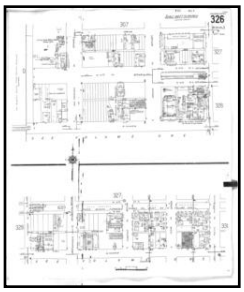
1950 Source Sheets

Volume 1, Sheet 14

Volume 1, Sheet 16



Volume 3, Sheet 307



Volume 3, Sheet 326

1949 Source Sheets

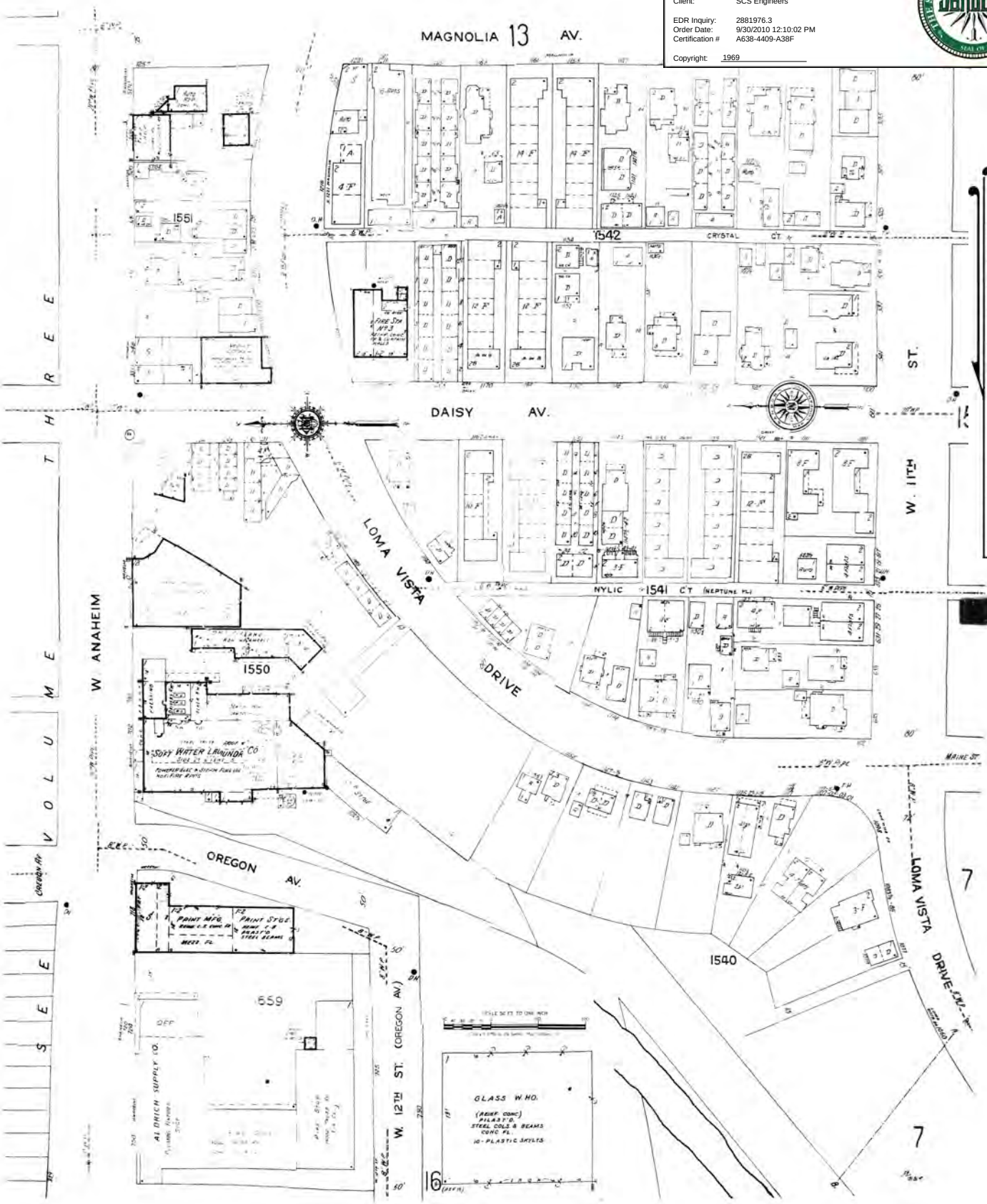
Volume 1, Sheet 15

1914 Source Sheets

Volume 1, Sheet 14

1969 Certified Sanborn Map

Site Name: San Francisco Ave/W Anaheim St
Address: 929 W Anaheim St
City, ST, ZIP: Long Beach CA 90813
Client: SCS Engineers
EDR Inquiry: 2881976.3
Order Date: 9/30/2010 12:10:02 PM
Certification # A638-4409-A38F
Copyright: 1969

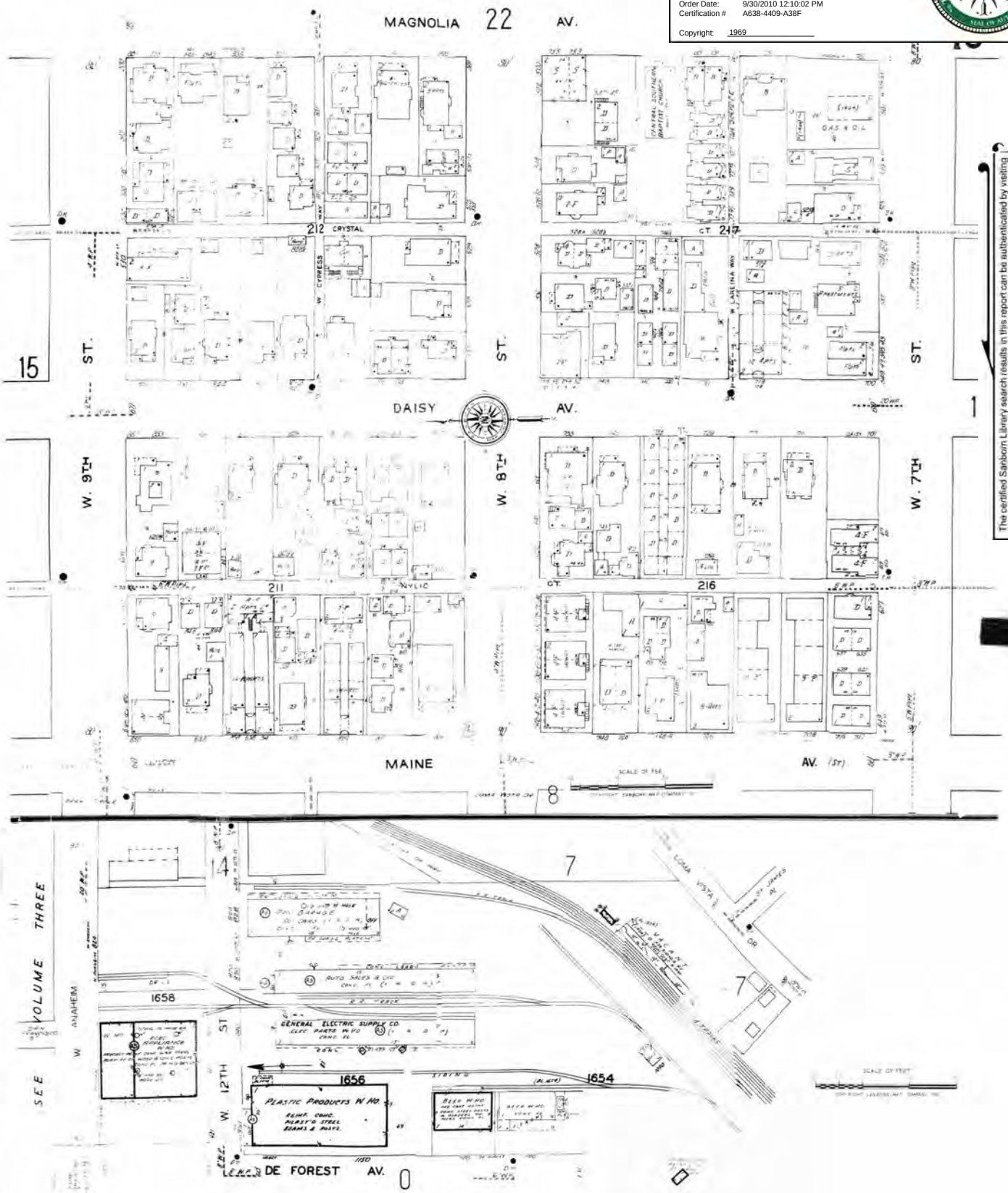


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

1969 Certified Sanborn Map

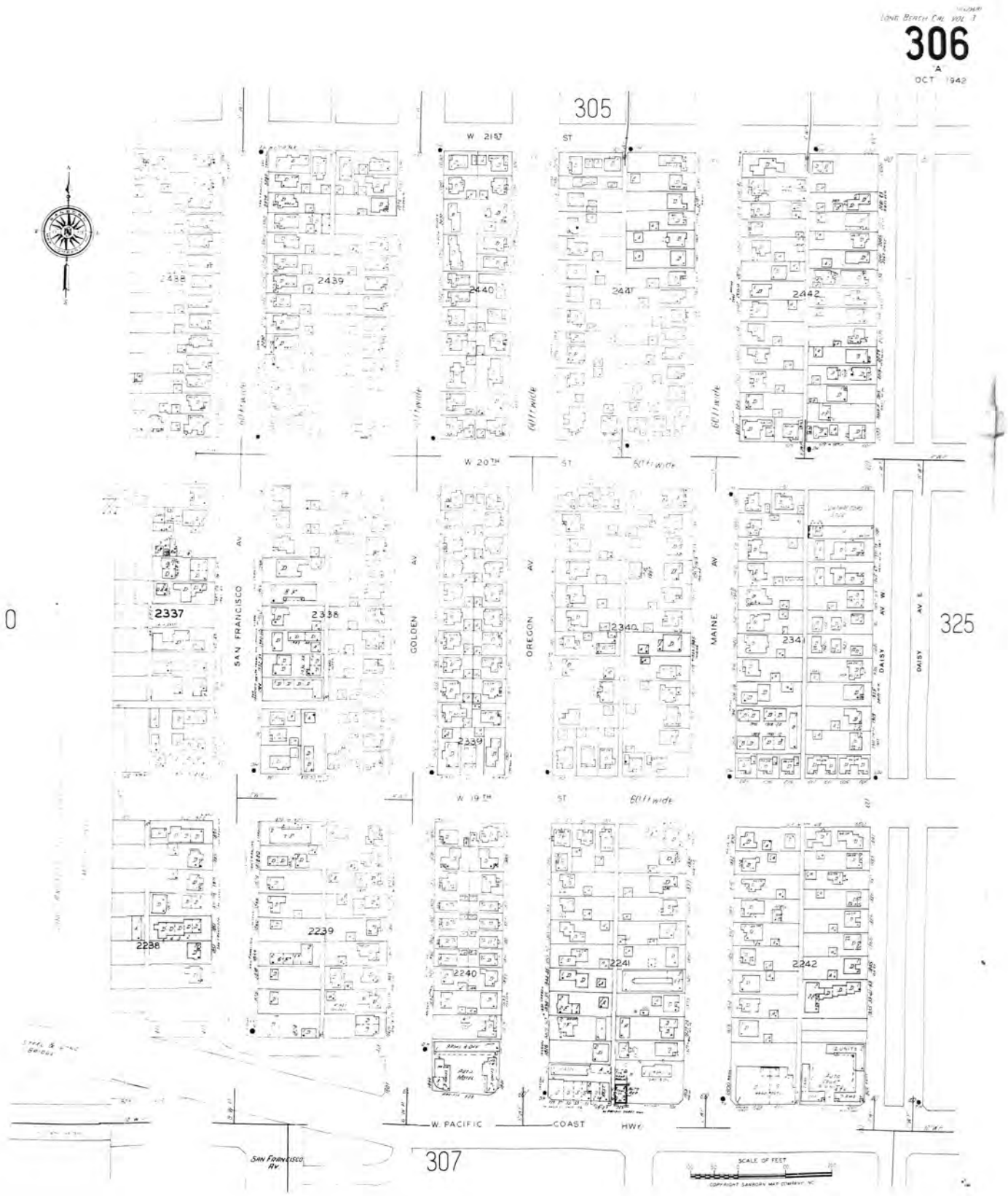
Site Name:	San Francisco Ave/W Anaheim St
Address:	929 W Anaheim St
City, ST, ZIP:	Long Beach CA 90813
Client:	SCS Engineers
EDR Inquiry:	2881976.3
Order Date:	9/30/2010 12:10:02 PM
Certification #	A638-4409-A38F
Copyright:	1969



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

1963 Certified Sanborn Map

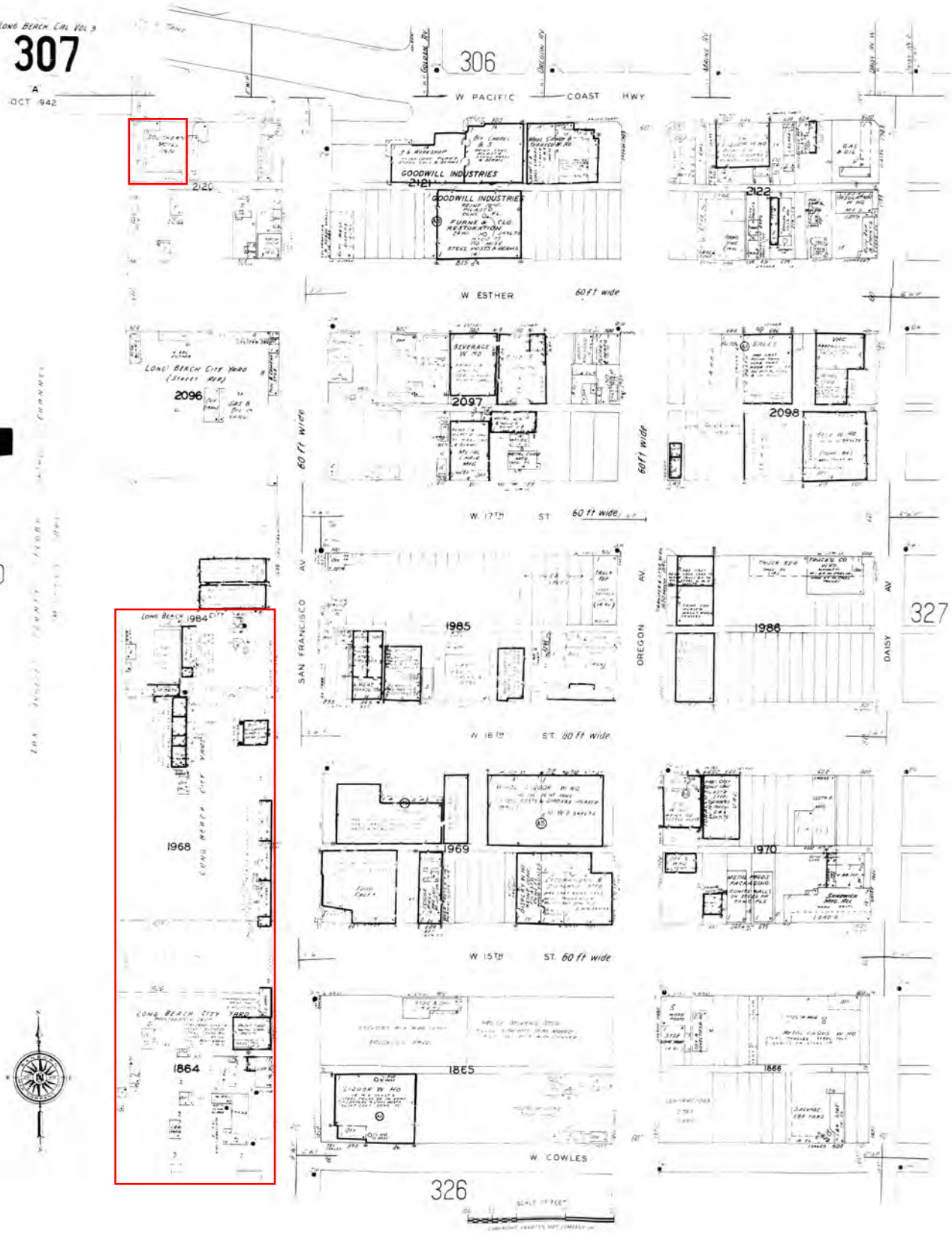


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

Site Name:	San Francisco Ave/W Anaheim St
Address:	929 W Anaheim St
City, ST, ZIP:	Long Beach CA 90813
Client:	SCS Engineers
EDR Inquiry:	2881976.3
Order Date:	9/30/2010 12:10:02 PM
Certification #	A638-4409-A38F
Copyright:	1963

1963 Certified Sanborn Map

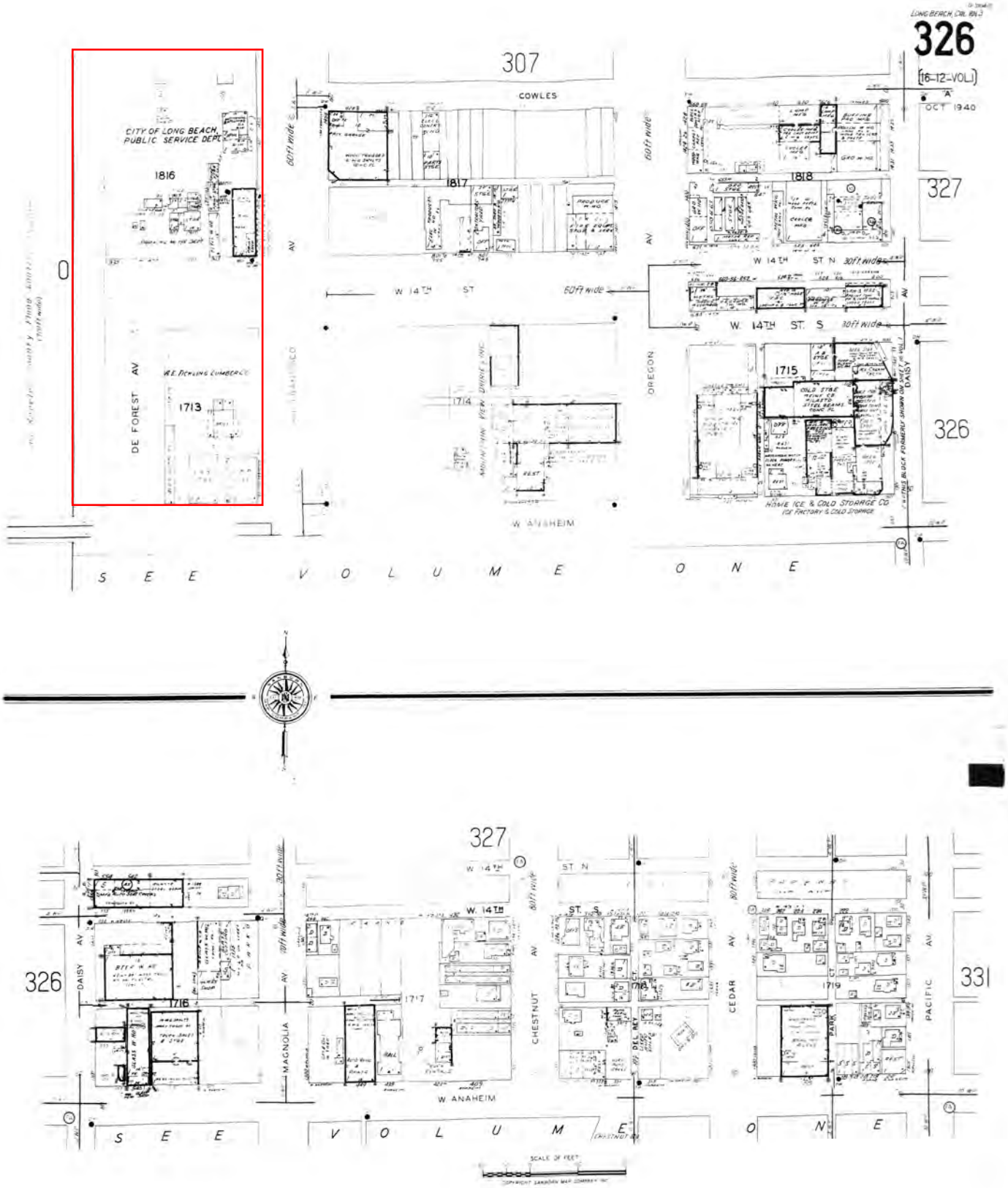


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

Site Name:	San Francisco Ave/W Anaheim St
Address:	929 W Anaheim St
City, ST, ZIP:	Long Beach CA 90813
Client:	SCS Engineers
EDR Inquiry:	2881976.3
Order Date:	9/30/2010 12:10:02 PM
Certification #	A638-4409-A38F
Copyright:	1963

1963 Certified Sanborn Map



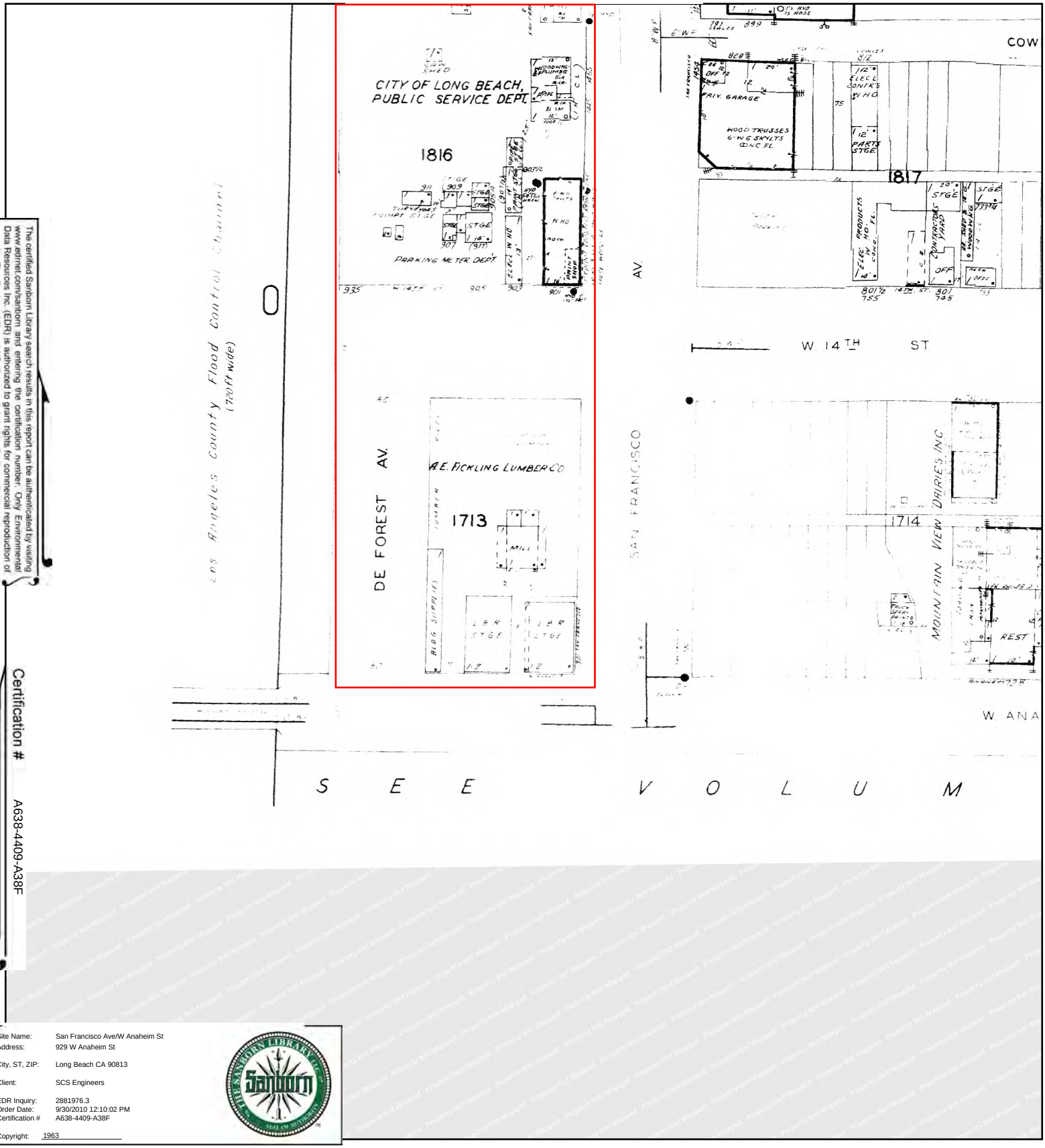
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

Site Name:	San Francisco Ave/W Anaheim St
Address:	929 W Anaheim St
City, ST, ZIP:	Long Beach CA 90813
Client:	SCS Engineers
EDR Inquiry:	2881976.3
Order Date:	9/30/2010 12:10:02 PM
Certification #	A638-4409-A38F

Copyright: 1963

1963 Certified Sanborn Map



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

Site Name:	San Francisco Ave/W Anaheim St
Address:	929 W Anaheim St
City, ST, ZIP:	Long Beach CA 90813
Client:	SCS Engineers
EDR Inquiry:	2881976.3
Order Date:	9/30/2010 12:10:02 PM
Certification #	A638-4409-A38F
Copyright:	1963

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

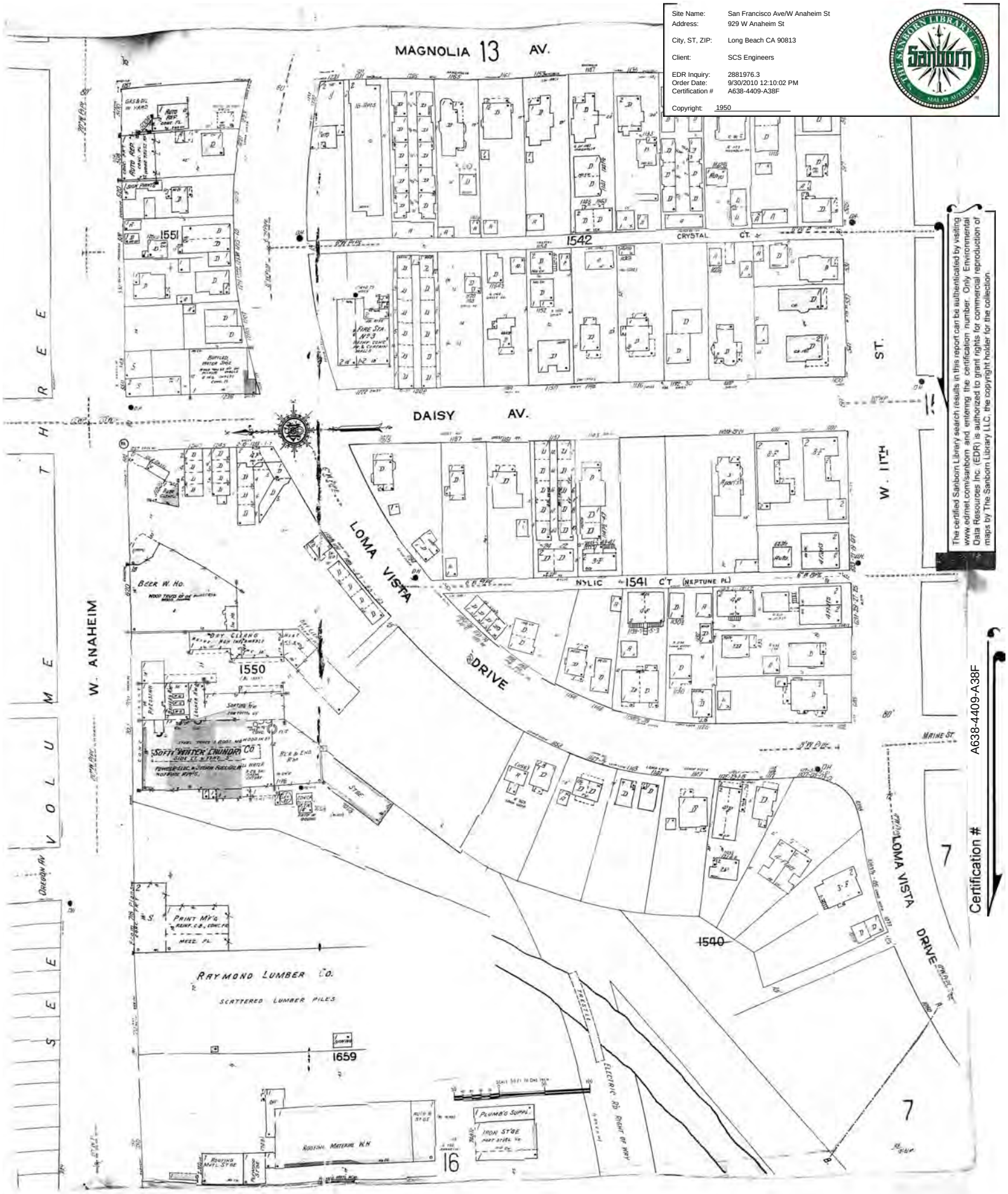
0 Feet 150 300 600

Volume 3, Sheet 308
Volume 3, Sheet 309
Volume 3, Sheet 328

N

1950 Certified Sanborn Map

Site Name: San Francisco Ave/W Anaheim St
Address: 929 W Anaheim St
City, ST, ZIP: Long Beach CA 90813
Client: SCS Engineers
EDR Inquiry: 2881976.3
Order Date: 9/30/2010 12:10:02 PM
Certification # A638-4409-A38F
Copyright: 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

1950 Certified Sanborn Map

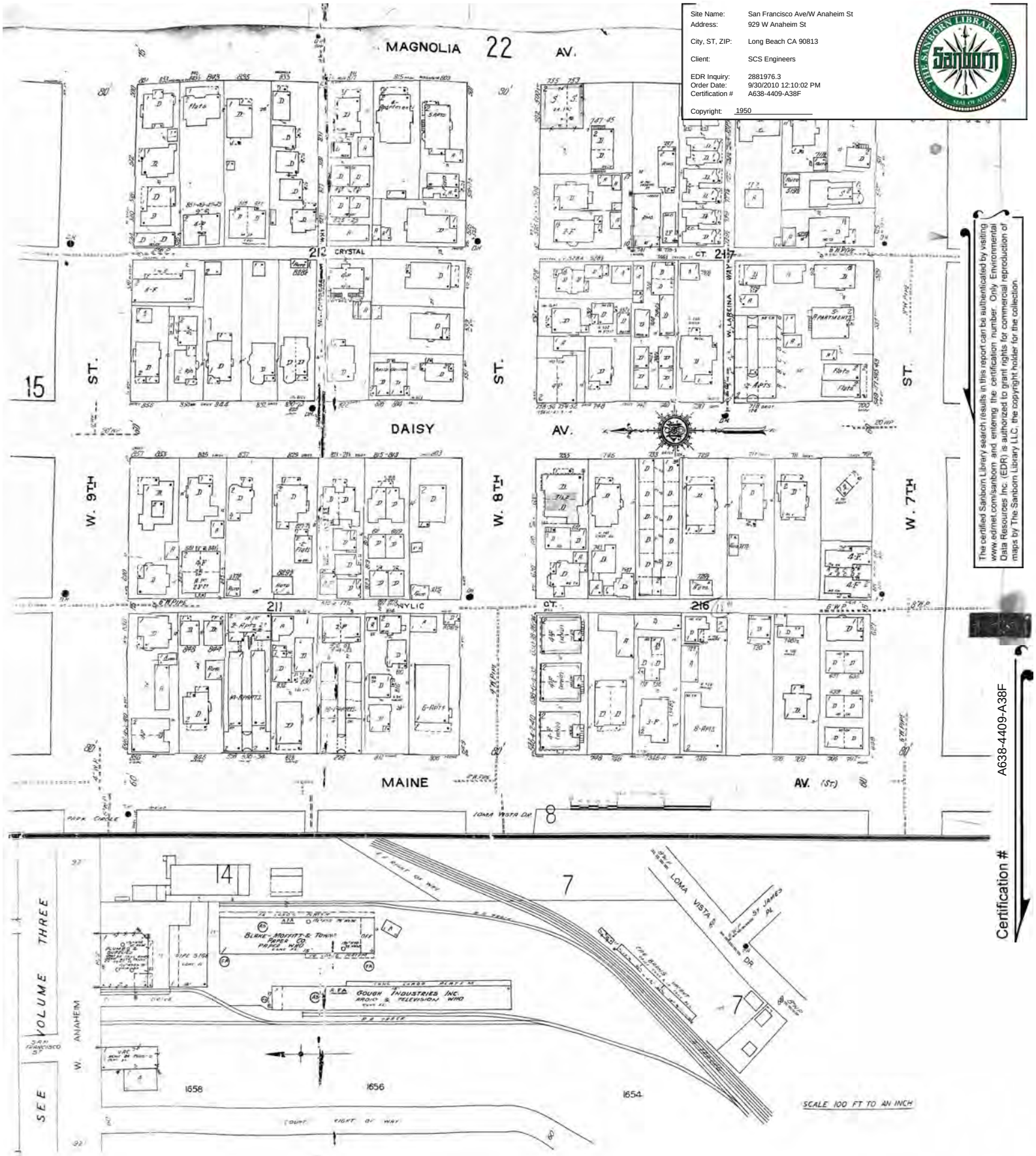
Site Name: San Francisco Ave/W Anaheim St
Address: 929 W Anaheim St

City, ST, ZIP: Long Beach CA 90813

Client: SCS Engineers

EDR Inquiry: 2881976.3
Order Date: 9/30/2010 12:10:02 PM
Certification # A638-4409-A38F

Copyright: 1950



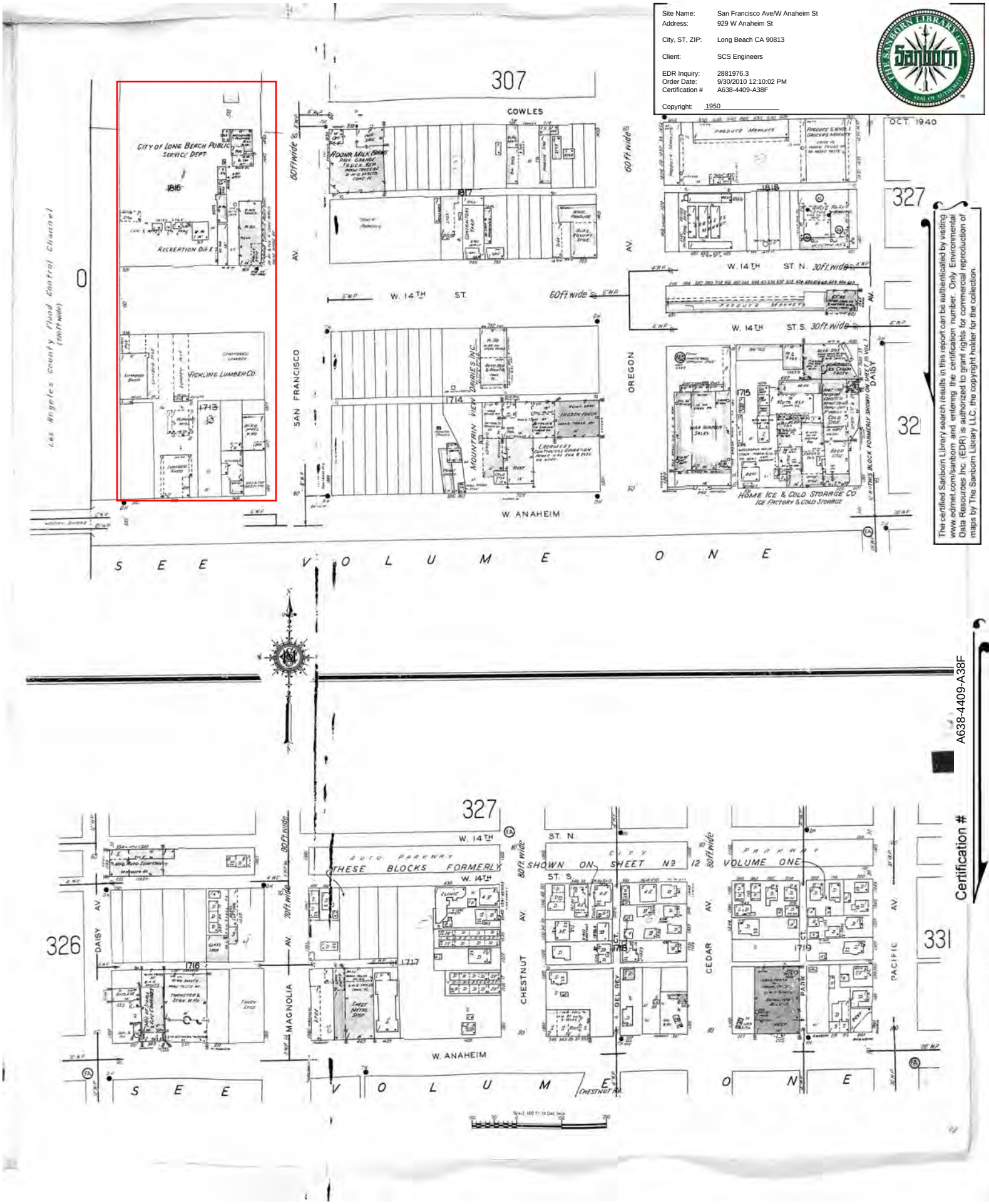
The certified Sanborn Library search results in this report can be authenticated by visiting www.edmet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

SEE VOLUME THREE

1950 Certified Sanborn Map

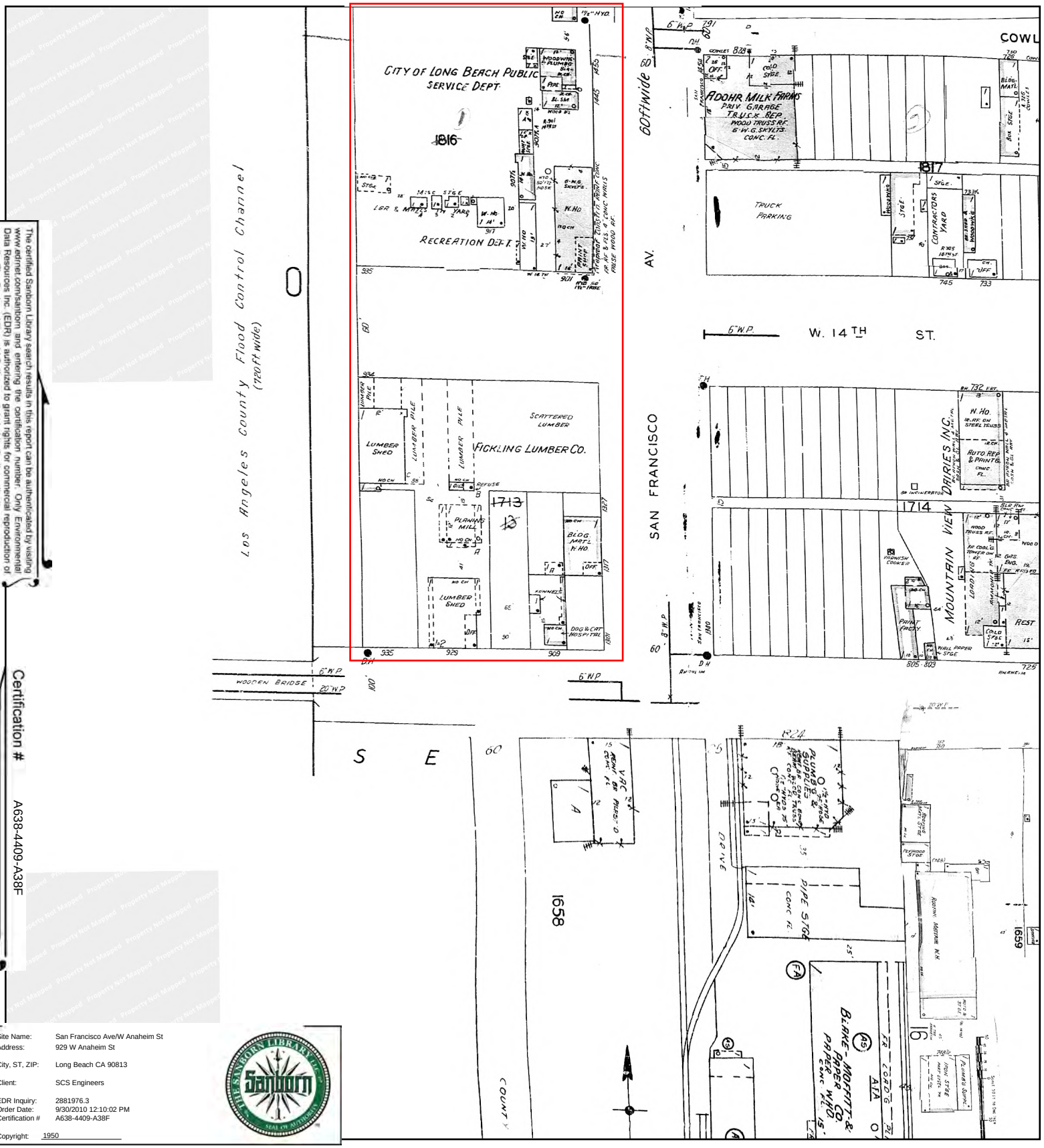
Site Name: San Francisco Ave/W Anaheim St
Address: 929 W Anaheim St
City, ST, ZIP: Long Beach CA 90813
Client: SCS Engineers
EDR Inquiry: 2881976.3
Order Date: 9/30/2010 12:10:02 PM
Certification # A638-4409-A38F
Copyright: 1950



The certified Sanborn Library search results in this report can be authenticated by visiting www.edmet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

1950 Certified Sanborn Map

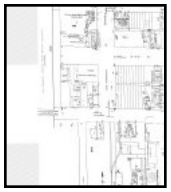


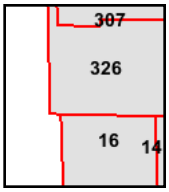
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

Site Name: San Francisco Ave/W Anaheim St
Address: 929 W Anaheim St
City, ST, ZIP: Long Beach CA 90813
Client: SCS Engineers
EDR Inquiry: 2881976.3
Order Date: 9/30/2010 12:10:02 PM
Certification # A638-4409-A38F
Copyright: 1950

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 14
Volume 1, Sheet 16
Volume 3, Sheet 307
Volume 3, Sheet 326

0 Feet 150 300 600

N

1949 Certified Sanborn Map

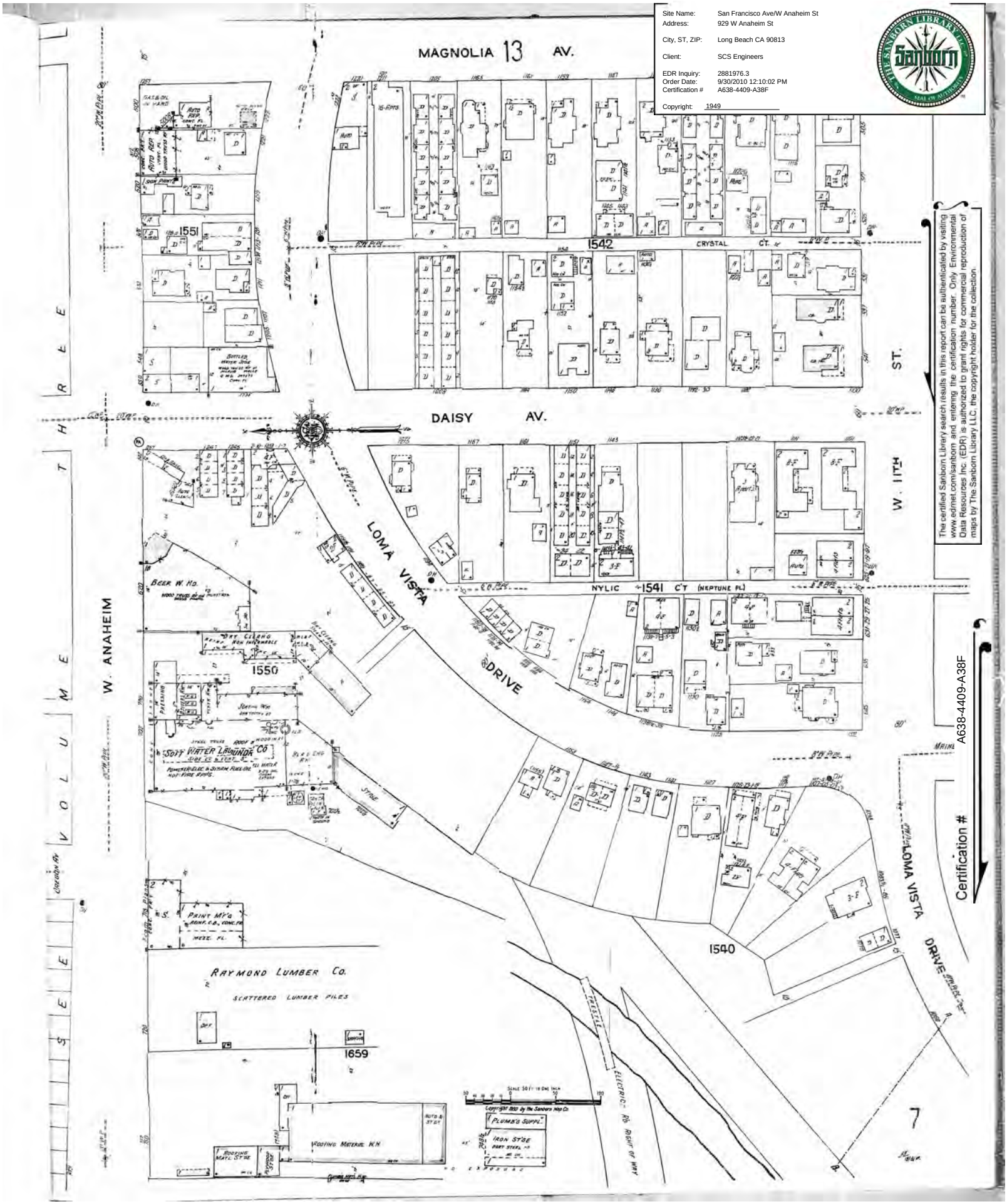
Site Name: San Francisco Ave/W Anaheim St
Address: 929 W Anaheim St

City, ST, ZIP: Long Beach CA 90813

Client: SCS Engineers

EDR Inquiry: 2881976.3
Order Date: 9/30/2010 12:10:02 PM
Certification # A638-4409-A38F

Copyright: 1949

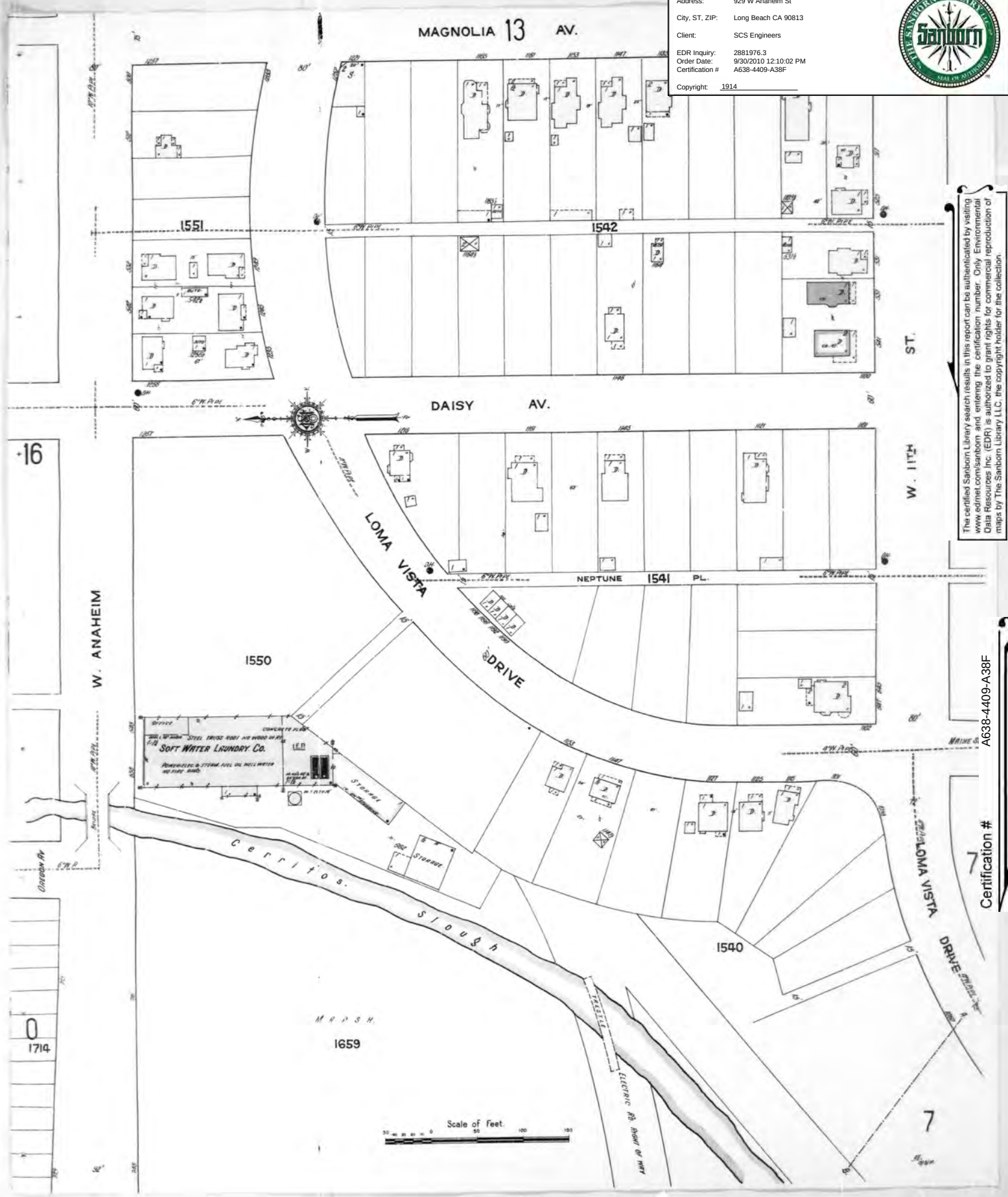


The certified Sanborn Library search results in this report can be authenticated by visiting www.edmet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

1914 Certified Sanborn Map

Site Name: San Francisco Ave/W Anaheim St
Address: 929 W Anaheim St
City, ST, ZIP: Long Beach CA 90813
Client: SCS Engineers
EDR Inquiry: 2881976.3
Order Date: 9/30/2010 12:10:02 PM
Certification # A638-4409-A38F
Copyright: 1914



The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A638-4409-A38F

Former Long Beach Public Service Yard
San Francisco Ave/W Anaheim St
Long Beach, CA 90813

Inquiry Number: 4328849.9
June 18, 2015

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2015 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

Aerial Photography June 18, 2015

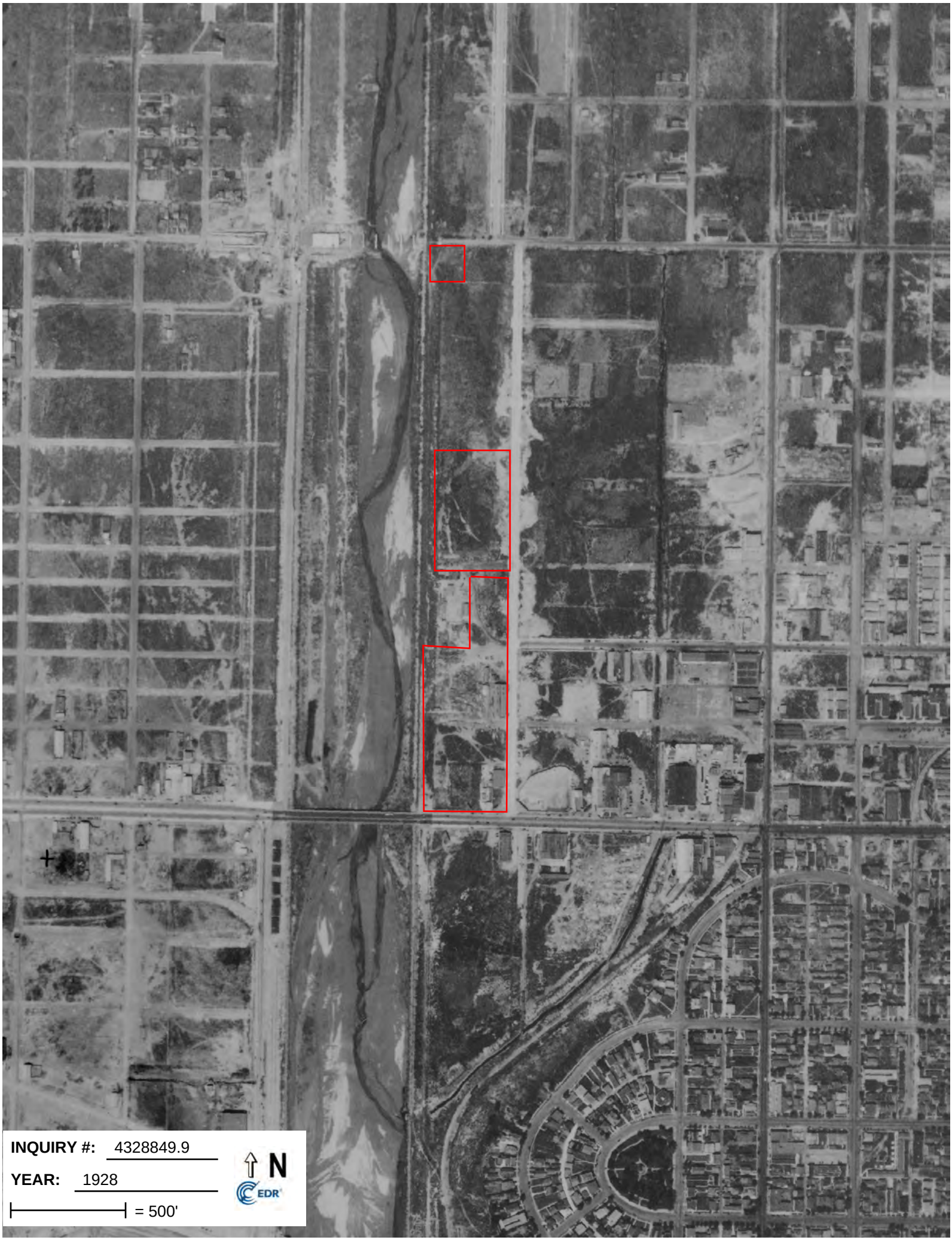
Target Property:

San Francisco Ave/W Anaheim St

Long Beach, CA 90813

Year	***Scale***	***Details***	***Source***
1923	Aerial Photograph. Scale: 1"=500'	Flight Year: 1923	USGS
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	USGS
1947	Aerial Photograph. Scale: 1"=500'	Flight Year: 1947	Fairchild
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	USGS
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	USGS
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	USGS
1987	Aerial Photograph. Scale: 1"=500'	Flight Year: 1987	USGS
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	USGS/DOQQ
2002	Aerial Photograph. Scale: 1"=500'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP

INQUIRY #: 4328849.9
YEAR: 1923
= 500'
N
EDR


INQUIRY #: 4328849.9
YEAR: 1928
= 500'
N
EDR

INQUIRY #: 4328849.9
YEAR: 1947
= 500'
N
EDR

INQUIRY #: 4328849.9
YEAR: 1953
= 500'
N
EDR

INQUIRY #: 4328849.9
YEAR: 1963
= 500'
N
EDR

INQUIRY #: 4328849.9

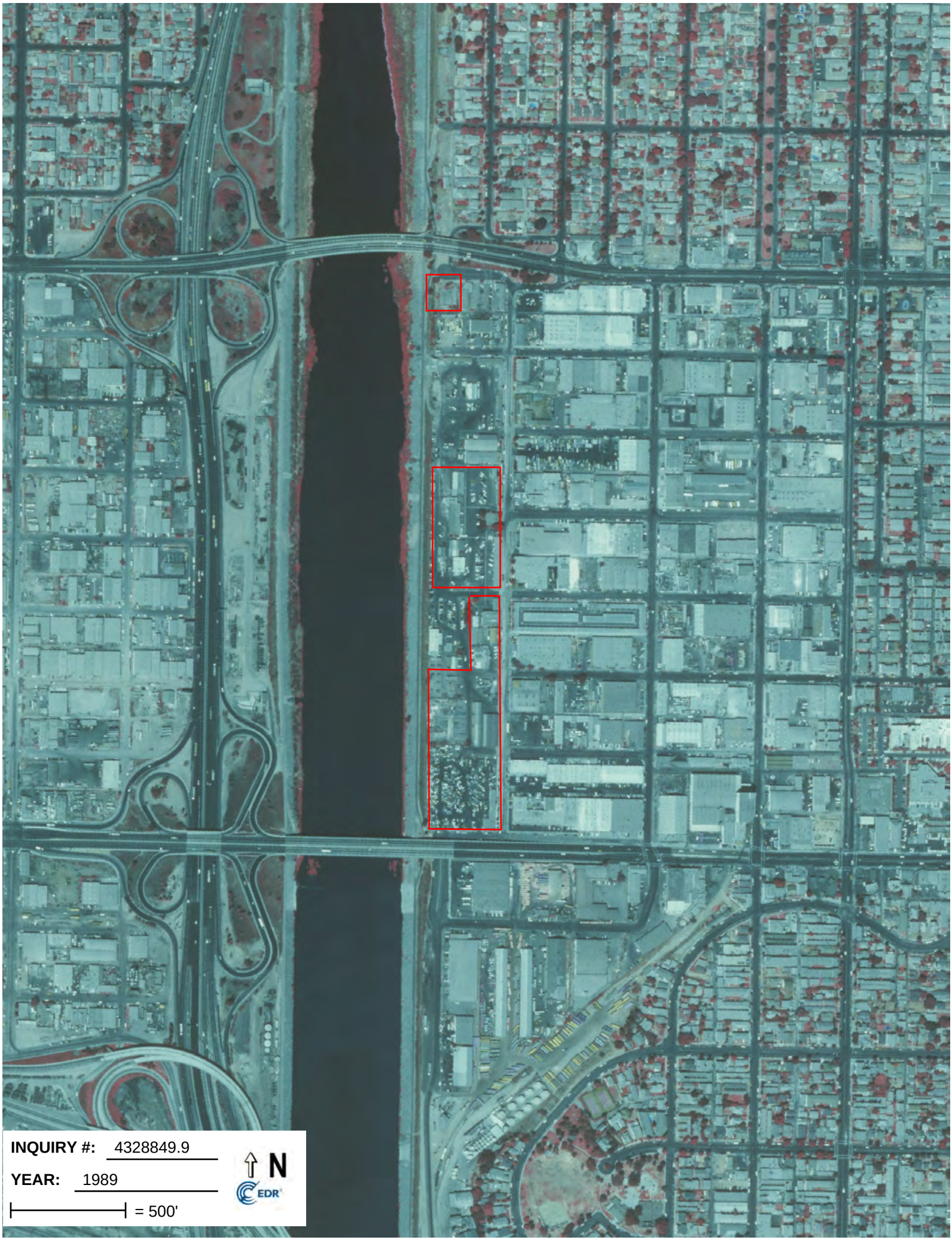
YEAR: 1972

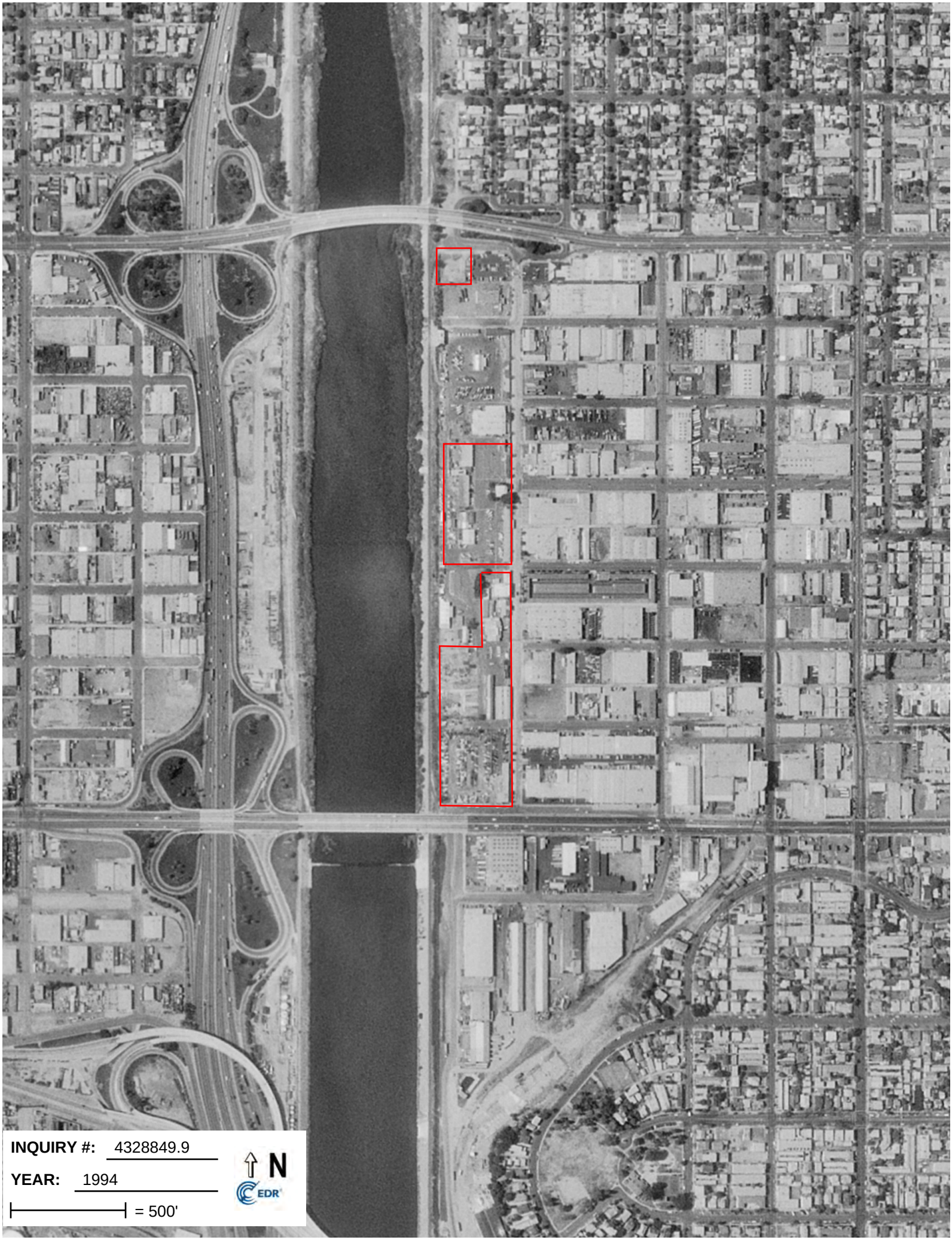
= 500'

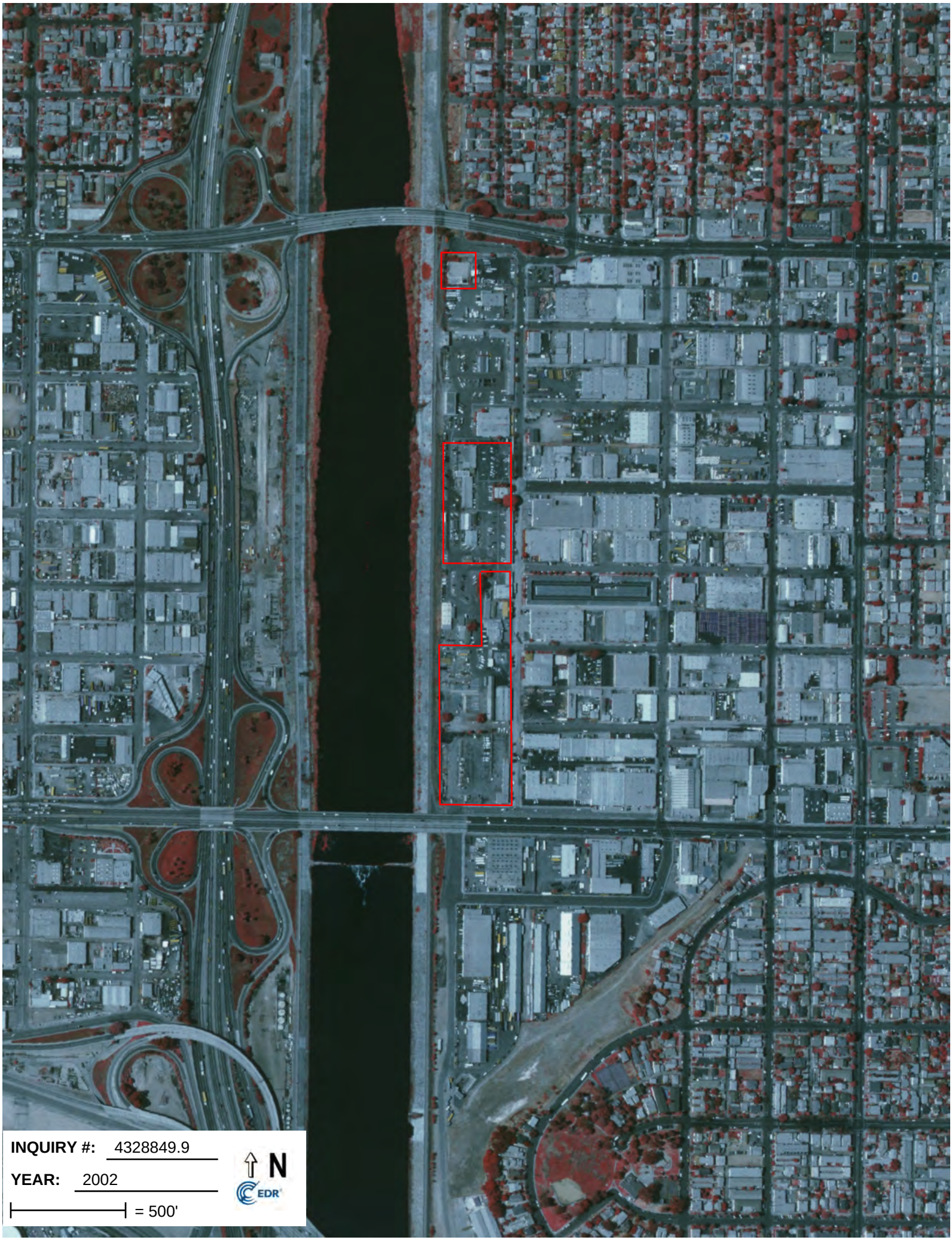
N

EDR

INQUIRY #: 4328849.9
YEAR: 1987
= 500'
N
EDR


INQUIRY #: 4328849.9
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 4328849.9
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 4328849.9
YEAR: 2002
= 500'
N
EDR

INQUIRY #: 4328849.9
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 4328849.9
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 4328849.9
YEAR: 2010
= 500'
N
EDR

INQUIRY #: 4328849.9
YEAR: 2012
= 500'
N
EDR

Former Long Beach Public Service Yard
San Francisco Ave/W Anaheim St
Long Beach, CA 90813

Inquiry Number: 4328849.5
June 17, 2015

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2015 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2008	Cole Information Services	-	X	X	-
2006	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines Company, Inc.	-	-	-	-
2000	Haines	-	X	X	-
	Haines	X	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1972	R. L. Polk & Co.	-	-	-	-
1971	R. L. Polk & Co.	-	-	-	-
1970	Pacific Telephone	-	X	X	-
1969	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1963	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1962	Pacific Telephone	-	-	-	-
1961	R. L. Polk & Co.	-	-	-	-
1960	General Telephone Company Publishers	-	X	X	-
	General Telephone Company Publishers	X	X	X	-
	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-
1952	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1951	Los Angeles Directory Co.	-	-	-	-
1950	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1944	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	***Type***	***Findings***
901 West Anaheim	Client Entered	X
929 West Anaheim	Client Entered	X
949 West Anaheim	Client Entered	X
1501 San Francisco Avenue	Client Entered	X
1401 San Francisco Avenue	Client Entered	X
1409 San Francisco Avenue	Client Entered	
1445 San Francisco Avenue	Client Entered	
1475 San Francisco Avenue	Client Entered	X
1601 San Francisco Avenue	Client Entered	X
1725 San Francisco Avenue	Client Entered	
940 West Pacific Coast Highway	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

San Francisco Ave/W Anaheim St
Long Beach, CA 90813

FINDINGS DETAIL

Target Property research detail.

ANAHEIM W

901 ANAHEIM W

Year	Uses	Source
2000	LB CTY AUTO TOWING OPERATION	Haines
	LB CTY FLT TOWING OPERATION	Haines
	TOWING OPERATION	Haines
	X DEFOREST AV	Haines
1995	MORANS AUTO WHSLE	Pacific Bell

929 ANAHEIM W

Year	Uses	Source
1944	Fkllin A E Lbr Co	R. L. Polk & Co.
1939	AFickling A E Lbr Co	Los Angeles Directory Co.

949 ANAHEIM W

Year	Uses	Source
1935	Misrack J S gas sta	Los Angeles Directory Co.
1931	Sifton A D gas sta	Los Angeles Directory Co.

ANAHEIM ST W

929 ANAHEIM ST W

Year	Uses	Source
1969	FICKLING LUMBER CO INC RET	Pacific Telephone

San Francisco Avenue

1401 San Francisco Avenue

Year	Uses	Source
1931	City Garage	Los Angeles Directory Co.

FINDINGS

1409 San Francisco Avenue

Year	Uses	Source

1445 San Francisco Avenue

Year	Uses	Source

1475 San Francisco Avenue

Year	Uses	Source
2000	LB CTY CHEM & TST LAB	Haines
	X 15TH W	Haines
	X 16TH W	Haines
1980	CHEMICAL & TESTING LAB	Pacific Telephone
	LONG BEACH CITY OF	Pacific Telephone
1975	CHEMICAL & TESTING LAB	Pacific Telephone
	LONG BEACH CITY OF	Pacific Telephone
1969	CITY CHEMICAL & TESTING LABY	Pacific Telephone
1963	City Chem & Testing Laby HE	Pacific Telephone
1960	LONG BEACH CITY OF CHEMICAL & TESTING LAB	Pacific Telephone
1957	City Chem & Testing Laby he	Pacific Telephone
	LONG BEACH CITY OF CHEMICAL & TESTING LABLONG BEACH	Pacific Telephone
1952	City Cheml & Testing Labty	Los Angeles Directory Co.
1950	LONG BCH CITY OF AIR POLLUTION CONTROL	Pacific Telephone
	LONG BCH CITY OF CHEMICAL & TESTING LAB	Pacific Telephone
1948	City Cheml & Testing Labty	Los Angeles Directory Co.
1944	City Chemical and Test ing Laboratory	R. L. Polk & Co.
1939	ACity Chemist and Testing Engineer	Los Angeles Directory Co.

1501 San Francisco Avenue

Year	Uses	Source
1952	City Animal Shelter	Los Angeles Directory Co.
1948	City Poundmaster	Los Angeles Directory Co.
1944	Ic Ol ACity Pound	R. L. Polk & Co.
1939	Vacant	Los Angeles Directory Co.
1935	City Anifmail Shc Wt	Los Angeles Directory Co.
	City Poun dm aeter	Los Angeles Directory Co.
	Kallaher D E	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1931	City Humane Commission	Los Angeles Directory Co.
	City Poundmaster	Los Angeles Directory Co.

1601 San Francisco Avenue

Year	Uses	Source
2006	LONG BCH CTY	Haines Company, Inc.
	LONG BCH CTY PUB	Haines Company, Inc.
	LONGBCH CTY PUB	Haines Company, Inc.
	SV BUR GAS	Haines Company, Inc.
	SVTDOD	Haines Company, Inc.
	TREES	Haines Company, Inc.
2000	LB CTY PUBLIC SERV	Haines
	LB CTY PUBLIC SERVICE BUR TDD	Haines
	LB CTY TREES	Haines
1995	Long Beach City Of PUBLIC SERVICE BUREAU	Pacific Bell
1980	Electrical & Mechanical Services Div	Pacific Telephone
	LONG BEACH CITY OF PUBLIC WORKS DEPT PUBLIC SERVICE BUREAU	Pacific Telephone
	Public Service Bureau	Pacific Telephone
	Sewer Maintenance Div	Pacific Telephone
	Street Maintenance Div	Pacific Telephone
1975	LONG BEACH CITY OF PUBLIC SERVICE DEPARTMENT	Pacific Telephone
	PUBLIC SERVICE DEPARTMENT	Pacific Telephone
1969	CITY PUBLIC SERV DEPT	Pacific Telephone
1964	LONG BEACH CITY OF PUBLIC SERVICE DEPARTMENT	Pacific Telephone
1963	City Public Serv Dept HE	Pacific Telephone
1960	LONG BEACH CITY OF PUBLIC SERVICE DEPARTMENT	Pacific Telephone
1957	City Public Serv Dept	Pacific Telephone
	LONG BEACH CITY OF HEALTH DEPARTMENT	Pacific Telephone
1952	City Public Serv Dept	Los Angeles Directory Co.

1725 San Francisco Avenue

Year	Uses	Source

FINDINGS

W ANAHEIM ST

901 W ANAHEIM ST

Year	Uses	Source
2013	PETROS TUBULAR	Cole Information Services
1950	LONGBCH JANITOR SUPPLY CO	Pacific Telephone
	LONGBOH SUPPLY CO CHEMOLS	Pacific Telephone

929 W ANAHEIM ST

Year	Uses	Source
1954	FICKLING A E LUMBR CO	R. L. Polk & Co.
1950	DAVIS ROOFING CO	Pacific Telephone
	FICKLING A E LUMBR CO	Pacific Telephone
	STANDARD STATIONS INC WILMINGTON	Pacific Telephone

West Anaheim

901 West Anaheim

Year	Uses	Source
2000	LB CTY AUTO TOWING OPERATION	Haines
	LB CTY FLT TOWING OPERATION	Haines
	TOWING OPERATION	Haines
	X DEFOREST AV	Haines
1995	MORANS AUTO WHSLE	Pacific Bell

929 West Anaheim

Year	Uses	Source
1944	Fkllin A E Lbr Co	R. L. Polk & Co.
1939	AFickling A E Lbr Co	Los Angeles Directory Co.

949 West Anaheim

Year	Uses	Source
1935	Misrack J S gas sta	Los Angeles Directory Co.
1931	Sifton A D gas sta	Los Angeles Directory Co.

West Pacific Coast Highway

940 West Pacific Coast Highway

Year	Uses	Source

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

12TH W

725 12TH W

Year	Uses	Source
2000	PETROTHERM	Haines

790 12TH W

Year	Uses	Source
2000	WESTRN STATES GLASS INC	Haines
	X DEFOREST AV	Haines

823 12TH W

Year	Uses	Source
2000	XXXX	Haines

825 12TH W

Year	Uses	Source
2000	HONOR TRUCK & TRANSFER	Haines

828 12TH W

Year	Uses	Source
2000	SOUTH CST SERVICE	Haines
	V & S TRANSPORTATION	Haines

838 12TH W

Year	Uses	Source
2000	PREFERRED TRANSPORT	Haines

840 12TH W

Year	Uses	Source
2000	PAC MULTI MODAL INC	Haines

849 12TH W

Year	Uses	Source
2000	XXXX	Haines

FINDINGS

901 12TH W

Year	Uses	Source
2000	AIR PRODUCTS & CHEMICALS	Haines

909 12TH W

Year	Uses	Source
2000	XXXX	Haines

950 12TH W

Year	Uses	Source
2000	LIZETTE CREATIONS	Haines

14TH W

696 14TH W

Year	Uses	Source
1995	DE REZA BENIGNO	Pacific Bell
1990	DE REZA BENIGNO	Pacific Bell

704 14TH W

Year	Uses	Source
2000	KENS PLUMBING INC	Haines

708 14TH W

Year	Uses	Source
2000	J & D HYTRONICS	Haines

712 14TH W

Year	Uses	Source
2000	XXXX	Haines

716 14TH W

Year	Uses	Source
2000	XXXX	Haines

717 14TH W

Year	Uses	Source
2000	XXXX	Haines

720 14TH W

Year	Uses	Source
2000	TECHNICAL ARTISAN	Haines

FINDINGS

Year	Uses	Source
1995	TOR SRET	Pacific Bell

721 14TH W

Year	Uses	Source
2000	ALLAIRE Don	Haines

723 14TH W

Year	Uses	Source
2000	14TH W 90813 CONT	Haines
	CONTROLS UNLI	Haines

728 14TH W

Year	Uses	Source
1995	GOSS JOE	Pacific Bell
1990	GOSS JOE	Pacific Bell

729 14TH W

Year	Uses	Source
1990	CHURN CHAUNG	Pacific Bell

731 14TH W

Year	Uses	Source
1995	CHURN CHAUNG	Pacific Bell

734 14TH W

Year	Uses	Source
1990	EVANISEVICH STEVE	Pacific Bell

737 14TH W

Year	Uses	Source
1990	SANDOVAL MATTHEW R	Pacific Bell
	SANDOVAL GLORIA	Pacific Bell

740 14TH W

Year	Uses	Source
2000	TOMMYS AUTO SERVICE	Haines
	PEYTCHEV Kosta	Haines
1990	BRYAN CHAS A	Pacific Bell

FINDINGS

744 14TH W

Year	Uses	Source
2000	SEA Smith	Haines
	X SAN FRANCISCO AV	Haines

746 14TH W

Year	Uses	Source
1990	BOLAND MARY T	Pacific Bell

753 14TH W

Year	Uses	Source
1995	EROSA IGNACIO	Pacific Bell
1990	EROSA IGNACIOA	Pacific Bell

760 14TH W

Year	Uses	Source
1990	LO GRASSO PASQUALE	Pacific Bell

761 14TH W

Year	Uses	Source
1990	2 VILLEGAS MANUEL	Pacific Bell

764 14TH W

Year	Uses	Source
1995	SALAZAR JERONIMO	Pacific Bell
1990	SALAZAR JERONIMO	Pacific Bell

773 14TH W

Year	Uses	Source
1995	2 NATERS VICTOR H	Pacific Bell
	4 ANICIC SIME	Pacific Bell
1990	2 NATERS VICTOR H	Pacific Bell

777 14TH W

Year	Uses	Source
1990	1 SERVOSS ROY W	Pacific Bell
	4 MACKEY HERBERT & TERESA	Pacific Bell
	3 GARCIA FROILAN	Pacific Bell

778 14TH W

Year	Uses	Source
1995	3 DAVIES J A & D L	Pacific Bell

FINDINGS

Year	Uses	Source
1990	3 DAVIES J A & DL	Pacific Bell
	DI BENNARDO GIOVANNA	Pacific Bell

782 14TH W

Year	Uses	Source
1990	SMITH ANN	Pacific Bell

785 14TH W

Year	Uses	Source
1990	2 TEMBLADOR J	Pacific Bell

793 14TH W

Year	Uses	Source
1990	ZAVALA YOLANDA	Pacific Bell

800 14TH W

Year	Uses	Source
2000	W&O SUPPLY INC	Haines

801 14TH W

Year	Uses	Source
2000	TECHNICAL SERV CO	Haines

804 14TH W

Year	Uses	Source
2000	FAR EAST MARINE SUPPLIES	Haines

806 14TH W

Year	Uses	Source
2000	EVERETTS AUTOMOTIVE	Haines

808 14TH W

Year	Uses	Source
1990	MOORE RICHARD A	Pacific Bell

826 14TH W

Year	Uses	Source
1990	TARANGO WILLIAM	Pacific Bell

830 3/4 14TH W

Year	Uses	Source
1990	BARBA ELPIDIO	Pacific Bell

FINDINGS

900 14TH W

Year	Uses	Source
1995	5 SHORT JAMES E	Pacific Bell
1990	10 WALKER BRUCE W	Pacific Bell

934 14TH W

Year	Uses	Source
1995	LA FARGA VINCENT A	Pacific Bell
1990	LA FARGA VINCENT A	Pacific Bell

942 14TH W

Year	Uses	Source
1990	BRIGNAC JOHN P	Pacific Bell

972 14TH W

Year	Uses	Source
1995	2 KOENKE ROBERT E	Pacific Bell
1990	5 MOBAREZ AL	Pacific Bell
	3 WILDER LARRY	Pacific Bell

14TH ST W

703 14TH ST W

Year	Uses	Source
1944	Pettifer C W genl contr	R. L. Polk & Co.
1939	APettifer C W genl contr	Los Angeles Directory Co.
1935	Pettifer C W bldg contr	Los Angeles Directory Co.

733 14TH ST W

Year	Uses	Source
1969	EL SOMBRERO SALES MFG CONCRETE PROD	Pacific Telephone
	MARINE INDUSTRIAL PUMP & EQUIPMENT	Pacific Telephone
	GADCO ISP INC OIL TOOL MFG	Pacific Telephone
	ARTOGS ARTIST MATERIALS	Pacific Telephone
1944	Duffi S M geni contr	R. L. Polk & Co.
1939	Duff & Vandenhoogen Co gcnl contrs	Los Angeles Directory Co.
1935	Duff & Vandenhoogen Co genl contrs	Los Angeles Directory Co.
1931	Pettifer Chas W Co genl contra	Los Angeles Directory Co.

FINDINGS

745 14TH ST W

Year	Uses	Source
1944	Allen W E geni contr	R. L. Polk & Co.

746 14TH ST W

Year	Uses	Source
1939	AAllen W E genl contr	Los Angeles Directory Co.
	Ford S L p Istr contr	Los Angeles Directory Co.

800 14TH ST W

Year	Uses	Source
1969	JOHNSON C LLOYD CO INC DANDY DRUGS & SUNDRIES DISTR	Pacific Telephone

801 14TH ST W

Year	Uses	Source
1969	TECHNICAL SERVICE CO OIL WELL SERV	Pacific Telephone

804 14TH ST W

Year	Uses	Source
1969	NOTCH M A CORP MILITARY PROCURMENT	Pacific Telephone

806 14TH ST W

Year	Uses	Source
1969	SOUTH PACIFIC CANNING CO	Pacific Telephone
	HALFHILL CO CANNERS TUNAFISH	Pacific Telephone

845 14TH ST W

Year	Uses	Source
1969	VACANT	Pacific Telephone

ANAHEIM W

1001 ANAHEIM W

Year	Uses	Source
1995	CHURCHS FRIED CHICKEN	Pacific Bell
1990	CHURCHS FRIED CHICKEN	Pacific Bell

FINDINGS

1010 ANAHEIM W

Year	Uses	Source
1995	WILMINGTON CENTER LIQUOR MARKET	Pacific Bell
1990	WILMINGTON CENTER LIQUOR MKT	Pacific Bell

1014 ANAHEIM W

Year	Uses	Source
1995	A & A THRIFT STORES	Pacific Bell
1990	THRIFT VILLAGE THRIFT STORE	Pacific Bell

1020 ANAHEIM W

Year	Uses	Source
1995	RAMIROS AUTO REPAIR	Pacific Bell
	WILMINGTON ARCO	Pacific Bell
1990	CHOS ARCO SERVICE	Pacific Bell
	LEES AUTO SERVICE	Pacific Bell

1101 ANAHEIM W

Year	Uses	Source
1995	RICKS IN & OUT	Pacific Bell
1990	RICKS IN & OUT	Pacific Bell

1109 ANAHEIM W

Year	Uses	Source
1990	3 JAIME MAURICIO	Pacific Bell

1110 ANAHEIM W

Year	Uses	Source
1995	5 PANADERIA SAN MIGUEL BAKERY	Pacific Bell
	7 GUADALAJARA MEAT MARKET	Pacific Bell
	1 VIDEO VISION	Pacific Bell
	SWEETHOUSE DOUGHNUTS	Pacific Bell
	4 ANAHEIM STREET CHECK CASHING	Pacific Bell
	3 ONE DOLLAR CHINESE FAST FOOD	Pacific Bell
	2 MARISCOS ROSARITO	Pacific Bell
1990	GUADALAJARA MEAT MARKET	Pacific Bell
	4 ANAHEIM STREET CHECK CASHING	Pacific Bell
	SWEETHOUSE DOUGHNUTS	Pacific Bell
	EL RICO TACO	Pacific Bell
	1 VIDEO VISION	Pacific Bell

FINDINGS

Year	Uses	Source
1990	3 AMIGOS PIZZA	Pacific Bell

1115 ANAHEIM W

Year	Uses	Source
1995	2 MARRON RUTH	Pacific Bell
	2 GARCIA MAYRA	Pacific Bell

1117 ANAHEIM W

Year	Uses	Source
1995	4 OTAMENDI ARTURO S	Pacific Bell
	2 DELGADO JOSEFINA	Pacific Bell
	5 FERRER GRISELDA	Pacific Bell

1122 ANAHEIM W

Year	Uses	Source
1995	GENUINE PARTS CO	Pacific Bell
1990	GONZALEZ RESTAURANT	Pacific Bell

1127 ANAHEIM W

Year	Uses	Source
1995	WEST COAST PLUMBING CO	Pacific Bell
1990	WEST COAST PLUMBING CO	Pacific Bell

1130 ANAHEIM W

Year	Uses	Source
1995	VETERANS OF FOREIGN WARS	Pacific Bell
1990	VETERANS OF FOREIGN WARS	Pacific Bell

1131 ANAHEIM W

Year	Uses	Source
1995	RAFFLES	Pacific Bell
1990	RAFFLES	Pacific Bell

701 ANAHEIM W

Year	Uses	Source
2000	APPLIED INDUSTRIAL TECHNOLOGY	Haines

702 ANAHEIM W

Year	Uses	Source
2000	XXXX	Haines
1995	GANDY GLASS CO	Pacific Bell

FINDINGS

Year	Uses	Source
1990	GANDY GLASS CO	Pacific Bell
1944	Soft Water Lndy Co	R. L. Polk & Co.
1939	ASoft Water Lndy Co	Los Angeles Directory Co.
	1/2 Durand Anna Mrs	Los Angeles Directory Co.
1935	Soft Water Laundry Co	Los Angeles Directory Co.
1931	Soft Water Laundry Co	Los Angeles Directory Co.
1924	Soft Water Laundry Co	Los Angeles Directory Co.

703 ANAHEIM W

Year	Uses	Source
1995	WILMINGTON DISCOUNT	Pacific Bell
1990	FURNITURE FACTORY CO	Pacific Bell

705 ANAHEIM W

Year	Uses	Source
2000	MAGTROL LONG BEACH INC	Haines
	MAGTROL	Haines

707 ANAHEIM W

Year	Uses	Source
1995	MARCO & ERIKA HAIR SALON	Pacific Bell
1990	DE SANTIS RESTAURANT	Pacific Bell

710 ANAHEIM W

Year	Uses	Source
1990	C V ENTERPRISE	Pacific Bell

712 ANAHEIM W

Year	Uses	Source
1995	5 AGUIRRE CHAVEZ JUANA	Pacific Bell
1990	5 AGUIRRE CHAVEZ JUANA	Pacific Bell
	2 MENDOZA ADELLNA	Pacific Bell
	2 AGUIRRE RAMON	Pacific Bell

713 ANAHEIM W

Year	Uses	Source
1995	BROWNS AUTO PART	Pacific Bell
1990	BROWN AUTO SUPPLY	Pacific Bell

FINDINGS

715 ANAHEIM W

Year	Uses	Source
2000	XXXX	Haines

716 ANAHEIM W

Year	Uses	Source
1995	VEGA MFG	Pacific Bell
1990	VEGA MFG	Pacific Bell

718 ANAHEIM W

Year	Uses	Source
2000	WEST CST CHOPPERS	Haines
1995	MATEO ESCILDA	Pacific Bell

718 1/2 ANAHEIM W

Year	Uses	Source
1990	LOPEZ RIGOBERTO	Pacific Bell

722 ANAHEIM W

Year	Uses	Source
1995	ESPARZA BENITO H	Pacific Bell
1990	ESPARZA BENITO H	Pacific Bell

724 ANAHEIM W

Year	Uses	Source
2000	ALMA Montes	Haines
	NATIONWDE EQUIPMENT SALES & SERV	Haines
	S W O T INTERNATL	Haines
	WALSH Robert	Haines
1995	LEES BOUTIQUE	Pacific Bell
1990	LEES BOUTIQUE	Pacific Bell

725 ANAHEIM W

Year	Uses	Source
2000	MOUNTAIN VIEW RLTY	Haines
	AMIGOS WHOLE SALE	Haines
	BECHLER CORP	Haines
1944	Mountain View Dairies	R. L. Polk & Co.
1939	AMountain View Dairies	Los Angeles Directory Co.
1935	Mountain View Dairies Inc	Los Angeles Directory Co.
1931	Mountain View Dairies Inc	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	Mountain View Dairies Inc	Los Angeles Directory Co.

726 ANAHEIM W

Year	Uses	Source
1990	CALIFORNIA CABINET SHOP	Pacific Bell

727 ANAHEIM W

Year	Uses	Source
2000	XXXX	Haines
1995	NIX CHECK CASHING	Pacific Bell
1990	TACO BELL	Pacific Bell
1935	Mc Dowell & Eddy ice cream mfrs	Los Angeles Directory Co.

729 ANAHEIM W

Year	Uses	Source
2000	MICROTECH SOLUTIONS	Haines
	WILORCO INC	Haines
	RACK FACTORY	Haines

731 ANAHEIM W

Year	Uses	Source
2000	HILL AMMUNITION CORP	Haines
	LONG BCH GARAGE DOOR SERVICES	Haines

732 ANAHEIM W

Year	Uses	Source
1995	CORINAS BEAUTY SHOP	Pacific Bell
1990	NANIES BEAUTY SHOP	Pacific Bell

733 ANAHEIM W

Year	Uses	Source
2000	XXXX	Haines
	X SAN FRANCISCO AV	Haines

738 ANAHEIM W

Year	Uses	Source
1995	TACO SINALOA	Pacific Bell
1990	TACO SINALOA	Pacific Bell

FINDINGS

748 ANAHEIM W

Year	Uses	Source
1931	Vacant	Los Angeles Directory Co.

750 ANAHEIM W

Year	Uses	Source
1944	Black J WV iddrs upp	R. L. Polk & Co.
1939	ABlack J W Co bidrs supp	Los Angeles Directory Co.
1935	Nephi Plaster Co whse	Los Angeles Directory Co.
	Fraser Wm	Los Angeles Directory Co.
	Burrell J E bldg contr	Los Angeles Directory Co.
	Nelson C P washing mac b	Los Angeles Directory Co.
1931	Long Beach Roof Service	Los Angeles Directory Co.

752 ANAHEIM W

Year	Uses	Source
1935	Allen W E genl contr	Los Angeles Directory Co.
	Allen A K C notary	Los Angeles Directory Co.
	Ford S L plstr contr	Los Angeles Directory Co.
1931	Allen Adah K C notary	Los Angeles Directory Co.
	Ford S L plstr contr	Los Angeles Directory Co.
	Allen W E geni contr	Los Angeles Directory Co.

764 ANAHEIM W

Year	Uses	Source
1924	Crane Co	Los Angeles Directory Co.

801 ANAHEIM W

Year	Uses	Source
1995	AUSTRALIAN BODY CARE & HERBALIFE DISTRIBUTORS	Pacific Bell
	HERBALIFE DISTRIBUTOR	Pacific Bell
1990	LA ESTRELLA MINI MARKET	Pacific Bell

803 ANAHEIM W

Year	Uses	Source
1924	G G Charlton hdwd floors	Los Angeles Directory Co.

805 ANAHEIM W

Year	Uses	Source
1944	Jtaziynzix Concrete Co	R. L. Polk & Co.
1939	Ellis Paint Co	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1935	Ellis Paint Co	Los Angeles Directory Co.
1931	Ross G A auto trucks	Los Angeles Directory Co.

807 1/2 ANAHEIM W

Year	Uses	Source
1995	SELLENS DAVID	Pacific Bell
	102 ROMERO FABIAN	Pacific Bell
	103 GUERRERO MIGUEL	Pacific Bell
	104 SANCHEZ JAVIER	Pacific Bell
	110 RENTERIA OTONIEL	Pacific Bell
	114 VELASCO J	Pacific Bell
	117 GONZALEZ EDUARDO	Pacific Bell
	120 GONZALEZ MARTHA	Pacific Bell
	204 GOMEZ DELFINA	Pacific Bell
	121 GOMEZ MARGARITA	Pacific Bell
	120 LARA FRANCISCO	Pacific Bell
	206 GUTIERREZ ALBERTO	Pacific Bell
	207 LOPEZ ENEDINA	Pacific Bell
	218 GUERRERO RICARDO	Pacific Bell
1990	SELLENS DAVID	Pacific Bell

808 ANAHEIM W

Year	Uses	Source
1990	101 LUNA JOSE M	Pacific Bell
	104 RIVERA ROBERTO	Pacific Bell
	106 ANGULO LETICIA	Pacific Bell
	109 GRANILLO CECILIA	Pacific Bell
	112 HERNANDEZ ONOFRE	Pacific Bell
	115 ZAMORA FERNANDO	Pacific Bell
	116 PAYAMS DAMIANA E	Pacific Bell
	119 SANCHEZ JUAN	Pacific Bell
	120 WILMINGTON APARTMENTS	Pacific Bell
	122 MATA ARTURO	Pacific Bell
	201 MONROY FLORIDALMA	Pacific Bell
	202 SANCHEZ EDUARDO	Pacific Bell
	206 GUTIERREZ ALBERTO	Pacific Bell
	207 MARTINEZ MIGUEL A	Pacific Bell
	213 DUARTE SANTIAGO	Pacific Bell
	214 GONZALEZ MARTHA	Pacific Bell

FINDINGS

Year	Uses	Source
1990	218 TOVAR FRANCISCO	Pacific Bell
	221 PINEDA PAUL	Pacific Bell

815 ANAHEIM W

Year	Uses	Source
1995	A-LINE TRANSMISSIONS	Pacific Bell
1990	HEINZ DONALD	Pacific Bell

819 ANAHEIM W

Year	Uses	Source
1995	A LINE TRANSMISSIONS	Pacific Bell
1990	A LINE TRANSMISSIONS	Pacific Bell

823 ANAHEIM W

Year	Uses	Source
1995	C J LIQUOR	Pacific Bell
1990	C J LIQUOR	Pacific Bell

824 ANAHEIM W

Year	Uses	Source
1944	I H Paint Co	R. L. Polk & Co.
1939	ACrane Co whol plmbg	Los Angeles Directory Co.
1935	Crane Co plumbing su P	Los Angeles Directory Co.
1931	Crane Co plmbr	Los Angeles Directory Co.

835 ANAHEIM W

Year	Uses	Source
1990	FAUSTO REAL ESTATE	Pacific Bell

841 ANAHEIM W

Year	Uses	Source
1995	VICTOR & JOE IMPORT CAR REPAIR	Pacific Bell
	ANAHEIM THRIFT	Pacific Bell
1990	VICTOR & JOE IMPORT CAR	Pacific Bell
	VICTOR & JOE IMPORT CAR REPAIR	Pacific Bell
	ASP IMPORTS	Pacific Bell
	MOHAYS AUTO	Pacific Bell
	VICTOR & JOE IMPORT CAR	Pacific Bell

FINDINGS

844 ANAHEIM W

Year	Uses	Source
1944	ranof Co plumb supp	R. L. Polk & Co.
1939	AAce Van & Stge Co whse	Los Angeles Directory Co.
1935	ANAHEIM WEST Cont	Los Angeles Directory Co.
	Eastside Distributing Co	Los Angeles Directory Co.
1931	Eastside Distributing Co	Los Angeles Directory Co.
1924	F H Friedman	Los Angeles Directory Co.

900 ANAHEIM W

Year	Uses	Source
1995	GOOD BUICK CMC TRUCKS INC	Pacific Bell
1990	GOOD BUICK GMC TRUCKS INC	Pacific Bell

907 ANAHEIM W

Year	Uses	Source
1990	RMS TV & VIDEO SERVICE	Pacific Bell

909 ANAHEIM W

Year	Uses	Source
1995	CORAL REEF	Pacific Bell
1990	CORAL REEF	Pacific Bell
1944	Collins D K vet	R. L. Polk & Co.
1939	ACollins D K vet	Los Angeles Directory Co.
1935	Collins D K vet surg	Los Angeles Directory Co.
1931	Ford J A	Los Angeles Directory Co.

916 ANAHEIM W

Year	Uses	Source
1944	owardl Curley Driving Itange	R. L. Polk & Co.
1939	AHoward Curley Driving Range	Los Angeles Directory Co.
1935	Howard H C golf sch	Los Angeles Directory Co.
1931	Long Beach Driving Fairway miniature golf	Los Angeles Directory Co.

921 ANAHEIM W

Year	Uses	Source
1995	GOOD BUICK CMC TRUCKS INC BODY SHOP	Pacific Bell

970 1/2 ANAHEIM W

Year	Uses	Source
1995	ASP IMPORTS	Pacific Bell

FINDINGS

ANAHEIM ST W

702 ANAHEIM ST W

Year	Uses	Source
1969	SOFT WATER LAUNDRY & DRY CLEANERS	Pacific Telephone

718 ANAHEIM ST W

Year	Uses	Source
1969	ELLIS PAINT CO	Pacific Telephone

724 ANAHEIM ST W

Year	Uses	Source
1969	ALMOR DEVELOPMENT CO INC CABLE MFRS	Pacific Telephone

725 ANAHEIM ST W

Year	Uses	Source
1969	MOUNTAIN VIEW DAIRIES INC	Pacific Telephone

727 ANAHEIM ST W

Year	Uses	Source
1969	MOBIL FACTORS WHSE	Pacific Telephone

729 ANAHEIM ST W

Year	Uses	Source
1969	WILORCO INC ELECTRONICS EQUIP	Pacific Telephone

733 ANAHEIM ST W

Year	Uses	Source
1969	PAMECO AIRE REFRIGERATION WHOL ONLY	Pacific Telephone

DE FOREST AVE

1150 DE FOREST AVE

Year	Uses	Source
2013	KAIZEN LOGISTIC	Cole Information Services
2008	VITTORIA PRODUCE	Cole Information Services
2006	VITTORIA PRODUCE	Haines Company, Inc.
2000	XXXX	Haines
1985	LUCE E D & SON	Pacific Bell
1980	LUCE E D & SON	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	Luce E D & Son	Pacific Telephone
	LUCE E D & SON	Pacific Telephone
1969	LUCE ED & SON PACKING CARTONS	Pacific Telephone
1963	Royal Sis & hlfg Co 11 E	Pacific Telephone

1250 DE FOREST AVE

Year	Uses	Source
1985	Cylinder Fill Plant	Pacific Bell
	AIR PRODUCTS & CHEMICALS INC	Pacific Bell
	ARCAIR CO WELDNG EQUIP	Pacific Bell
1980	ARCAIR CO WELDNG EQUIP	Pacific Telephone
1975	ARCAIR CO WELDNG EQUIP	Pacific Telephone
	Arcair Co weldng equip	Pacific Telephone
1957	PAN PACIFIC FISHERIES INC	Pacific Telephone

OREGON AVE

1200 OREGON AVE

Year	Uses	Source
2008	ARCHITECTURAL CONCRETE SYSTEMS	Cole Information Services
2000	X ANAHEIM W	Haines
	SHELBURNE EQUIPMENT	Haines
	BERG Robert	Haines
1991	ELLIS PAINT CO INC	Pacific Bell
	Hempels Marine Paints	Pacific Bell
1990	ELLIS PAINT CO INC LB	Pacific Bell
1986	ELLIS PAINT CO INC LB	Pacific Bell
1985	ELLIS PAINT CO INC	Pacific Bell
	ELLIS PAINT CO INC	Pacific Bell
	Hempels Marine Paints	Pacific Bell
1980	ELLIS PAINT CO INC	Pacific Telephone
	ELLIS PAINT CO INC	Pacific Telephone
1976	ELLIS PAINT CO INC	Pacific Telephone
1975	ELLIS PAINT CO INC	Pacific Telephone
	ELLIS PAINT CO INC	Pacific Telephone

1305 OREGON AVE

Year	Uses	Source
2000	XXXX	Haines

FINDINGS

Year	Uses	Source
1985	Sevenstar Container Line inc NVOCC	Pacific Bell
	Soo Co	Pacific Bell
	SOO CO	Pacific Bell

1313 OREGON AVE

Year	Uses	Source
2000	XXXX	Haines
1985	Sanchez Arthur	Pacific Bell
	SANCHEZ ARTHUR	Pacific Bell

1317 OREGON AVE

Year	Uses	Source
2000	XXXX	Haines
1975	SEARS HOME CLEANING SERVICE	Pacific Telephone
	Service Master Of Long Beach	Pacific Telephone
	Williams Henry R	Pacific Telephone

1329 OREGON AVE

Year	Uses	Source
2013	MAC RENEWAL	Cole Information Services

1331 OREGON AVE

Year	Uses	Source
2008	AMIGO WHOLESALE LONG BEACH	Cole Information Services

1333 OREGON AVE

Year	Uses	Source
2013	M K S INC	Cole Information Services
	FORDON PRECISION GRINDING	Cole Information Services
2008	FORDON INDUSTRIES INC	Cole Information Services
2006	INDUSTRIES FORDONPRCSN	Haines Company, Inc.
	FORDON	Haines Company, Inc.
	GRNDNG	Haines Company, Inc.
2000	FORDON PRCSN GRNDNG	Haines
1991	Fordon Precision Grinding	Pacific Bell
1985	FORDON PRECISION GRINDING	Pacific Bell
	Fordon Precision Grinding	Pacific Bell
1980	FORDON PRECISION GRINDING	Pacific Telephone
	Fordon Precision Grinding	Pacific Telephone
1975	Fordon Precision Grinding	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	FORDON PRECISION GRINDING	Pacific Telephone

1337 OREGON AVE

Year	Uses	Source
2013	ABLE LIFT INC	Cole Information Services
1985	Vons Production Machine Shop	Pacific Bell
	VON S PRODUCTION MACHINE SHOP	Pacific Bell
1975	Vons Productions	Pacific Telephone

1368 OREGON AVE

Year	Uses	Source
2000	NOVA TECHNO CORP	Haines
	X 14TH W	Haines
1991	NOVA TECHNO CORP	Pacific Bell
1985	NOVA TECHNO CORP	Pacific Bell
	NOVA TECHNO CORP	Pacific Bell
1980	NOVA TECHNO CORP	Pacific Telephone
	NOVA TECHNO CORP	Pacific Telephone
1975	NOVA TECKNO CORP	Pacific Telephone
	Nova Teckno Corp	Pacific Telephone

S OREGON AVE

1125 1/4 S OREGON AVE

Year	Uses	Source
1957	ROBERTS HARVEY W	Pacific Telephone

1338 S OREGON AVE

Year	Uses	Source
1964	NATL BEARING ANTI-FRICTION CO INC	Pacific Telephone
	NATL ANTI-FRICTION BEARING CO INC	Pacific Telephone
1960	NATL ANTI-FRICTION BEARING CO INC	Pacific Telephone

SAN FRANCISCO AVE

1317 SAN FRANCISCO AVE

Year	Uses	Source
1948	at Cowles Adohr Milk Farms	Los Angeles Directory Co.
	AL B Janitor Supp	Los Angeles Directory Co.
1942	Branch	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1939	ABlue Diamond Corp Ltd bldg mratls	Los Angeles Directory Co.
1937	Branch	Los Angeles Directory Co.
1935	Blue Diam Onitud :nrp M 3g	Los Angeles Directory Co.

1320 SAN FRANCISCO AVE

Year	Uses	Source
2000	XXXX	Haines
1991	Long Beach Gas Dept Emergency Service	Pacific Bell
	Long Beach Garage Door Services	Pacific Bell
1985	Long Beach Garage Door Services	Pacific Bell
	Long Beach Gas Dept	Pacific Bell
	LONG BEACH GARAGE DOOR SERVICES	Pacific Bell

1400 SAN FRANCISCO AVE

Year	Uses	Source
1924	City Gas Dept	Los Angeles Directory Co.

1401 SAN FRANCISCO AVE

Year	Uses	Source
1931	City Garage	Los Angeles Directory Co.

1407 SAN FRANCISCO AVE

Year	Uses	Source
1950	LONG BCH CITY OF PUBLIC SERV DEPT	Pacific Telephone

1415 SAN FRANCISCO AVE

Year	Uses	Source
1964	LONG BEACH CITY OF	Pacific Telephone

1444 SAN FRANCISCO AVE

Year	Uses	Source
2013	THE FOOD BANK OF SOUTHERN CALIFORNIA	Cole Information Services
2008	FOODBANK OF SOUTHERN CAL	Cole Information Services
2006	THE FOOD BANK	Haines Company, Inc.
2000	THE FOOD BANK	Haines
	X COWLES W	Haines
1991	Second Harvest Food Bank Of Greater South Bay	Pacific Bell
1985	Long Beach Food Bank	Pacific Bell

FINDINGS

Year	Uses	Source
1985	LONG BEACH FOOD BANK	Pacific Bell
1980	BELLFLOWER CITY OF DOLLAR RIDE	Pacific Telephone
	DIAMOND CAB CO	Pacific Telephone
	DOLLAR RIDE	Pacific Telephone
	LONG BEACH AIRPORT TRANSPORTATION	Pacific Telephone
	LONG BEACH SPECIAL SERVICES	Pacific Telephone
	MEDI DIAMOND	Pacific Telephone
	DIAMOND CAB CO	Pacific Telephone
	Dollar Ride	Pacific Telephone
	Diamond Cab	Pacific Telephone
	Long Beach Special Services	Pacific Telephone
	Medi Diamond	Pacific Telephone
	YELLOW CAB CO	Pacific Telephone
1975	YELLOW CAB CO	Pacific Telephone
	DIAMOND CAB CO	Pacific Telephone
	DIAMOND CAB CO	Pacific Telephone
1964	MARKET BENCH CO	Pacific Telephone
1963	Diamond Cab Co HE	Pacific Telephone
	Yellow Cab Co of LB HE	Pacific Telephone
1960	DIAMOND CAB CO	Pacific Telephone

1601 SAN FRANCISCO AVE

Year	Uses	Source
2013	CITY OF LONG BEACH	Cole Information Services
2008	CITY LONG BEACH STREET MAINTENANCE	Cole Information Services

W 12TH

790 W 12TH

Year	Uses	Source
1986	CALIF GLASS DISTRIBUTORS LONG BEACH	Pacific Bell

840 W 12TH

Year	Uses	Source
1981	GENERAL ELECTRIC SUPPLY CO LONG BEACH	Pacific Telephone

FINDINGS

901 W 12TH

Year	Uses	Source
1981	WEBER MACHINE CORP LONG BEACH	Pacific Telephone

950 W 12TH

Year	Uses	Source
1981	NEVAMAR CORP LONG BEACH	Pacific Telephone

W 12TH ST

725 W 12TH ST

Year	Uses	Source
2013	TRADELINK TRANSPORT INC	Cole Information Services
2006	TRADING CO	Haines Company, Inc.
	INDIA OVERSEAS	Haines Company, Inc.
1991	Aldrich Supply Co	Pacific Bell
1985	ALDRICH SUPPLY CO	Pacific Bell
	ALDRICH SUPPLY CO	Pacific Bell
1980	ALDRICH SUPPLY CO	Pacific Telephone
1975	ALDRICH SUPPLY CO	Pacific Telephone
	ALDRICH SUPPLY CO	Pacific Telephone
1964	ALDRICH SUPPLY CO	Pacific Telephone
1963	Aldrich Sup Co plmb HE	Pacific Telephone
1960	ALDRICH SUPPLY CO	Pacific Telephone

740 W 12TH ST

Year	Uses	Source
1957	ALDRICH SUPPLY CO	Pacific Telephone
	Aldrich Sup Co plinb sup	Pacific Telephone

790 W 12TH ST

Year	Uses	Source
2013	WESTERN STATES GLASS INC	Cole Information Services
2008	WESTERN STATES GLASS INC	Cole Information Services
2006	WESTRN STATES	Haines Company, Inc.
	GLASS INC	Haines Company, Inc.
1985	LONG BEACH TEMPERING	Pacific Bell
	CALIFORNIA GLASS DISTRIBUTORS	Pacific Bell
	California Glass Distributors	Pacific Bell
	Long Beach Tempering	Pacific Bell

FINDINGS

Year	Uses	Source
1980	CALIFORNIA GLASS DISTRIBUTORS	Pacific Telephone
	California Glass Distributors	Pacific Telephone
	GLASS TEMPERING OF LONG BEACH	Pacific Telephone
	Glass Tempering Of Long Beach	Pacific Telephone
1976	Calif Glass Distributors	Pacific Telephone
1975	CALIFORNIA GLASS DISTRIBUTORS	Pacific Telephone
	California Glass Distributors	Pacific Telephone
1967	California Glass Distrs	Pacific Telephone

825 W 12TH ST

Year	Uses	Source
1991	Pac Rim Container Service Inc	Pacific Bell
1985	Allied Commodities Xchange Inc	Pacific Bell
	Golden West Transport	Pacific Bell
	ALLIED COMMODITIES XCHANGE INC	Pacific Bell
	GOLDEN WEST TRANSPORT	Pacific Bell
1980	GOLDEN WEST TRANSPORT	Pacific Telephone
	Golden West Transport	Pacific Telephone

828 W 12TH ST

Year	Uses	Source
2013	MARCO POLO EXPORT	Cole Information Services
1985	UNGER LEO & ASSOCIATES INC	Pacific Bell
	Unger Leo & Associates Inc	Pacific Bell
1980	Hayward C Sumner	Pacific Telephone
	HAYWARD C SUMNER	Pacific Telephone
1975	Hayward C Sumner	Pacific Telephone
	HAYWARD C SUMNER	Pacific Telephone
1963	Mercedes Benz Whse HE	Pacific Telephone

838 W 12TH ST

Year	Uses	Source
2013	S F ENTERPRISES	Cole Information Services
	PTS WAREHOUSE	Cole Information Services
2008	PREFERRED TRANSPORT SERVICES	Cole Information Services
	S F ENTERPRISES	Cole Information Services
2006	PREFERRED	Haines Company, Inc.
	TRANSPORT S F ENTERPRISES	Haines Company, Inc.
1991	King Breslin Trucking Inc	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Pacific V & C Inc	Pacific Bell
	Preferred Transport Systems	Pacific Bell
	Wholesale Leather	Pacific Bell
1985	WORLDWIDE CONSOLIDATORS INC	Pacific Bell
	King Breslin Trucking Inc	Pacific Bell
	Riggs Trucking	Pacific Bell
	Worldwide Consolidators Inc	Pacific Bell
	KING BRESLIN TRUCKING INC	Pacific Bell
	RIGGS TRUCKING	Pacific Bell
1980	DOWMAN PRODUCTS INC	Pacific Telephone
	DOWMAN PRODUCTS INC	Pacific Telephone
1975	Dowman Products Inc	Pacific Telephone
	DOWMAN PRODUCTS INC	Pacific Telephone
1964	MERCEDES-BENZ SALES INS	Pacific Telephone
1963	Mercedes Benz Sls Inc HE	Pacific Telephone
1960	MERCEDES-BENZ SALES INC	Pacific Telephone
1957	Gough Industries Inc A 4 HE	Pacific Telephone

840 W 12TH ST

Year	Uses	Source
2013	NEW CENTURY LOGISTICS	Cole Information Services
	LONG BEACH WORLDWIDE SHIPPING	Cole Information Services
	NEW CENTURY TRUCKING INC	Cole Information Services
2008	TANYS CARGO INC	Cole Information Services
2006	SERVICES	Haines Company, Inc.
	WAREHOUSE	Haines Company, Inc.
	TANYSCARGOB	Haines Company, Inc.
1991	Triangle Lines	Pacific Bell
	Red Trolley	Pacific Bell
	Premier Transportation & Warehousing Inc	Pacific Bell
	Kimminau Bros Produce	Pacific Bell
1985	General Electric Supply Co	Pacific Bell
	GENERAL ELECTRIC SUPPLY CO	Pacific Bell
1980	General Electric Supply Co	Pacific Telephone
	GENERAL ELECTRIC SUPPLY CO	Pacific Telephone
1976	General Electric Supply Co	Pacific Telephone
1975	GENERAL ELECTRIC SUPPLY CO	Pacific Telephone
	General Electric Supply Co	Pacific Telephone

FINDINGS

Year	Uses	Source
1964	GENERAL ELEC SUPPLY CO	Pacific Telephone
1963	Genl Elec Sup Co HE	Pacific Telephone
1960	GENERAL ELEC SUPPLY CO	Pacific Telephone
1957	GENERAL ELEC SUPPLY CO	Pacific Telephone
	Gen EBlec Sup Co he	Pacific Telephone

849 W 12TH ST

Year	Uses	Source
1980	Fiedler Precision Machine Shop	Pacific Telephone
1975	FIEDLER PRECISION MACHINE SHOP	Pacific Telephone
1963	Vacant	Pacific Telephone
1960	KING S OFC SUPPLY & EQUIPT CO	Pacific Telephone
1957	Vacant	Pacific Telephone

901 W 12TH ST

Year	Uses	Source
2013	AIR PRODUCTS & CHEMICALS INC	Cole Information Services
2008	AIR PRODUCTS & CHMCLS INC	Cole Information Services
2006	CHEMICALS	Haines Company, Inc.
	AIR PRODUCTS&	Haines Company, Inc.
1991	Cylinder Fill Plant	Pacific Bell
1985	WEBER MACHINE INC	Pacific Bell
	Weber Machine Inc	Pacific Bell
1980	Weber Machine Inc	Pacific Telephone
1976	Weber Machine Corp	Pacific Telephone
1975	Weber Machine Inc	Pacific Telephone
1967	ARMCO STEEL CORPORATION	Pacific Telephone
	Natl Supply Div Oilfield Sales	Pacific Telephone
1964	WESTINGHOUSE ELECTRIC SUPPLY CO	Pacific Telephone
1963	Westinghouse Elec Sup Co HE	Pacific Telephone
1960	WESTINGHOUSE ELECTRIC SUPPLY CO	Pacific Telephone
1958	Westinghouse Electric Supply Co	Pacific Telephone
1957	WESTINGHOUSE ELECTRIC SUPPLY CO	Pacific Telephone
	Westinghouse Elec Sup Col ARE	Pacific Telephone

909 W 12TH ST

Year	Uses	Source
1980	F D Tooling	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	F D TOOLING	Pacific Telephone
1975	F D TOOLING	Pacific Telephone
	F D Tooling	Pacific Telephone

950 W 12TH ST

Year	Uses	Source
2013	GULF MARINE & INDUSTRIAL SUPPLIES	Cole Information Services
2006	SUPPLY	Haines Company, Inc.
	SOUTHLAND SHIPS	Haines Company, Inc.
1991	Lizette Creations Inc	Pacific Bell
1985	Lizette Creations Inc	Pacific Bell
	T & G Enterprises	Pacific Bell
	LIZETTE CREATIONS INC	Pacific Bell
1980	NEVAMAR CORP	Pacific Telephone
	NEVAMAR CORP	Pacific Telephone
	Nevamar Corp	Pacific Telephone
1976	Exxon Chemical Company U S A	Pacific Telephone
	Exxon Chemical Company USA	Pacific Telephone
1975	EXXON CHEMICAL CO Nevamar Div	Pacific Telephone
	EXXON COMPANY USA	Pacific Telephone
	Nevamar Div	Pacific Telephone
	Nevamar Carefree Kitchens	Pacific Telephone
	EXXON COMPANY U S A	Pacific Telephone
	NEVAMAR CAREFREE KITCHENS	Pacific Telephone
1970	ENJAY FIBERS & LAMINATES CO	Pacific Telephone
	ENJAY FIBERS & LAMINATES CO	Pacific Telephone
	ENJAY FIBERS & LAMINATES CO	Pacific Telephone
1967	MEVAMAR CO THE	Pacific Telephone
	Nevamar Carefree Kitchens	Pacific Telephone
1964	NEVAMAR CAREFREE KITCHENS	Pacific Telephone
	NEVAMAR CO THE	Pacific Telephone
1963	Natl Plastic Products Co whol HE	Pacific Telephone
1960	NATL PLASTIC PRODUCTS CO	Pacific Telephone
	NEVAMAR CAREFREE KITCHENS	Pacific Telephone

FINDINGS

W 14TH

692 W 14TH

Year	Uses	Source
1924	Moss Albt J wharfmn h	Los Angeles Directory Co.

694 W 14TH

Year	Uses	Source
1924	Olstyn Agnes Mrs h	Los Angeles Directory Co.
	RAINES Gladys clk Harbor Wholesale Fruit & Produce Co r	Los Angeles Directory Co.

696 W 14TH

Year	Uses	Source
1924	NEILSEN Geo G U S N h	Los Angeles Directory Co.

698 W 14TH

Year	Uses	Source
1929	Bauer Carl R r	Los Angeles Directory Co.
1924	Lovelady Clyde C U S N h	Los Angeles Directory Co.

721 W 14TH

Year	Uses	Source
1929	Joncich Louis r	Los Angeles Directory Co.

728 W 14TH

Year	Uses	Source
1924	HORTON Jack h	Los Angeles Directory Co.
	Mc KEAN Thos r	Los Angeles Directory Co.

734 W 14TH

Year	Uses	Source
1929	Purdy OJ r	Los Angeles Directory Co.
1924	Moss Hildred r	Los Angeles Directory Co.
	Moss Henry R rest h	Los Angeles Directory Co.

737 W 14TH

Year	Uses	Source
1924	CLINE Harry E r	Los Angeles Directory Co.
	CLINE Harry E jr r	Los Angeles Directory Co.
	Hertel Clarence carp r	Los Angeles Directory Co.
	Hinze Bernard M h	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	Hinze Lucretia Mrs boarding	Los Angeles Directory Co.
	HOUCK Fred r	Los Angeles Directory Co.
	Vik Peter seamn r	Los Angeles Directory Co.
	Voight Chas r	Los Angeles Directory Co.

740 W 14TH

Year	Uses	Source
1929	Riepe A R r	Los Angeles Directory Co.

752 W 14TH

Year	Uses	Source
1924	r	Los Angeles Directory Co.

753 W 14TH

Year	Uses	Source
1929	Johanson H A Capt r	Los Angeles Directory Co.

760 W 14TH

Year	Uses	Source
1924	ORR Margt wid David r	Los Angeles Directory Co.
	ORR David carp h	Los Angeles Directory Co.

761 W 14TH

Year	Uses	Source
1924	Tempio Carl H U S N h	Los Angeles Directory Co.

772 W 14TH

Year	Uses	Source
1924	PAPPAS Geo lab h	Los Angeles Directory Co.

773 W 14TH

Year	Uses	Source
1929	MULLER Ulrich C firemn LAFD	Los Angeles Directory Co.
	ROGERS Kenneth R firemn LAFD r	Los Angeles Directory Co.
1924	Uhlin Earl R mach h	Los Angeles Directory Co.

775 W 14TH

Year	Uses	Source
1937	Fer Ernest firemn LAFD	Los Angeles Directory Co.
1924	Baldwin Earl F firemn L A F D r	Los Angeles Directory Co.
	Louderback Gilbert foremn h	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	BALDWIN Martha E wid Fredk h	Los Angeles Directory Co.

778 W 14TH

Year	Uses	Source
1924	Iacone Frank fish clnr Independent Fish Co h	Los Angeles Directory Co.
	Boccanfuso Vincent lab r	Los Angeles Directory Co.

809 W 14TH

Year	Uses	Source
1933	Vadima Jos Marie waiter	Los Angeles Directory Co.

812 W 14TH

Year	Uses	Source
1924	Dolman Nana slswmn r	Los Angeles Directory Co.

822 W 14TH

Year	Uses	Source
1929	Markey C E Jr r	Los Angeles Directory Co.

823 W 14TH

Year	Uses	Source
1924	GORDON Henry h	Los Angeles Directory Co.

826 W 14TH

Year	Uses	Source
1929	Schmlssrauter J M r	Los Angeles Directory Co.

832 W 14TH

Year	Uses	Source
1924	Carcich Andw fishermn h	Los Angeles Directory Co.

834 W 14TH

Year	Uses	Source
1924	Orlando Paulo lab h	Los Angeles Directory Co.

840 W 14TH

Year	Uses	Source
1929	Franetovich Steve r	Los Angeles Directory Co.

FINDINGS

843 W 14TH

Year	Uses	Source
1929	De Varny C H r	Los Angeles Directory Co.
1924	GORDON Howard student r	Los Angeles Directory Co.

850 W 14TH

Year	Uses	Source
1929	YOUNG Bert B Helen h	Los Angeles Directory Co.

853 W 14TH

Year	Uses	Source
1924	Illsley Milledge U S N h	Los Angeles Directory Co.

917 W 14TH

Year	Uses	Source
1924	Redd Jas B jr title writer r	Los Angeles Directory Co.

927 W 14TH

Year	Uses	Source
1929	HANSEN Jens O firemn LAFD	Los Angeles Directory Co.

937 W 14TH

Year	Uses	Source
1937	Moss Clarence H clk	Los Angeles Directory Co.

965 W 14TH

Year	Uses	Source
1929	Rosvold Nels r	Los Angeles Directory Co.

972 W 14TH

Year	Uses	Source
1929	Butch Elmer A r	Los Angeles Directory Co.
1924	BURCH Gladys Mrs slswmn T V Harthorn r	Los Angeles Directory Co.

W 14TH AVE

925 W 14TH AVE

Year	Uses	Source
1960	Keeley Bob	General Telephone Company Publishers

FINDINGS

W 14TH ST

694 W 14TH ST

Year	Uses	Source
1975	PERICA ANTON JOHN SAN PEDRO	Pacific Telephone

700 W 14TH ST

Year	Uses	Source
1975	Nalco Chemical Co	Pacific Telephone
	NALCO CHEMICAL CO	Pacific Telephone

702 W 14TH ST

Year	Uses	Source
1948	Paige E H Mrs	Los Angeles Directory Co.

703 W 14TH ST

Year	Uses	Source
1963	Fire Equip & Sup Co BE	Pacific Telephone
1957	Fire Equip & Sups	Pacific Telephone
1954	PETTIFER CHAS W CONTR	R. L. Polk & Co.
1952	Pettifer C W gen contr	Los Angeles Directory Co.
1950	PETTIFER CHAS W CONTN	Pacific Telephone
	PETTIFER CHAS W CONTN	Pacific Telephone
1948	Apettifer C W geni contr	Los Angeles Directory Co.

704 W 14TH ST

Year	Uses	Source
2013	KENS PLUMBING	Cole Information Services
2008	KENS PLUMBING INC	Cole Information Services
2006	KENS PLUMBING	Haines Company, Inc.
1975	Donahues Body Shop	Pacific Telephone

707 W 14TH ST

Year	Uses	Source
1957	Vacant	Pacific Telephone
1952	Vacant	Los Angeles Directory Co.
1948	Sawyer H E	Los Angeles Directory Co.

708 W 14TH ST

Year	Uses	Source
2013	LOOK GRAPHICS	Cole Information Services

FINDINGS

Year	Uses	Source
2006	WERTZ William	Haines Company, Inc.
1991	Albertson Tire Co	Pacific Bell
1985	ALBERTSON TIRE CO	Pacific Bell
	Albertson Tire Co	Pacific Bell
1980	Jerrys Auto Repair	Pacific Telephone
	JERRY S AUTO REPAIR	Pacific Telephone
1975	JERRY S AUTO REPAIR	Pacific Telephone
	Jerrys Auto Repair	Pacific Telephone

712 W 14TH ST

Year	Uses	Source
1991	KENS PLUMBING	Pacific Bell
1985	Kens Plumbing	Pacific Bell
	KEN S PLUMBING	Pacific Bell
1975	Bishops Lighting Maintenance Co	Pacific Telephone
	BISHOP S LIGHTING MAINTENANCE CO	Pacific Telephone

715 W 14TH ST

Year	Uses	Source
1963	Vacant	Pacific Telephone

716 W 14TH ST

Year	Uses	Source
2013	MULDOON MARINE SERVICES	Cole Information Services
2008	MULDOON MARINE SERVICE INC	Cole Information Services
2006	MULDOON MARINE	Haines Company, Inc.
1980	ENVIRONMENTAL SERVICES DIVISION	Pacific Telephone
	ENVIRONMENTAL SERVICES DIVISION LONG BEACH	Pacific Telephone
1975	ENVIRONMENTAL SERVICES DIVISION	Pacific Telephone
	ENVIRONMENTAL SERVICES DIVISION	Pacific Telephone

717 W 14TH ST

Year	Uses	Source
2008	LOOK GRAPHICS	Cole Information Services
1991	Chew W F Enterprises elctrnc equip	Pacific Bell
1985	Chew W F Enterprises elctrnc equip	Pacific Bell
	CHEW W F ENTERPRISES ELCTRNC EQUIP	Pacific Bell
1980	Chew W F Enterprises elctrnc equip	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	CHEW W F ENTERPRISES ELCTRNC EQUIP	Pacific Telephone
1975	Chew W F Enterprises elctrnc equip	Pacific Telephone
	CHEW W F ENTERPRISES ELCTRNC EQUIP	Pacific Telephone

720 W 14TH ST

Year	Uses	Source
2013	TECHNICAL ARTISAN SERVICES	Cole Information Services
2008	JAMES KOVACICH	Cole Information Services
	TECHNICAL ARTISM SERVICES	Cole Information Services
2006	ARTISAN	Haines Company, Inc.
	TECHNICAL	Haines Company, Inc.
1991	Technical Artisan Svcs	Pacific Bell
1975	ORIENT ENTERPRISES CO	Pacific Telephone
	Orient Enterprises Co	Pacific Telephone

721 W 14TH ST

Year	Uses	Source
2006	GROUP	Haines Company, Inc.
	CONSTRUCTION	Haines Company, Inc.
	FOSTER	Haines Company, Inc.
1991	WALTS MOVING & STORAGE	Pacific Bell
1985	WALTS MOVING & STORAGE	Pacific Bell
	WALT S MOVING & STORAGE	Pacific Bell
1980	WALTS MOVING & STORAGE	Pacific Telephone
	WALTS MOVING & STORAGE	Pacific Telephone
1975	WALTS MOVING & STORAGE	Pacific Telephone
	WALTS MOVING & STORAGE	Pacific Telephone

723 W 14TH ST

Year	Uses	Source
2013	STARS DANCEWEAR	Cole Information Services
2008	PARTS HAUS	Cole Information Services
2006	PARTS HAUS THE	Haines Company, Inc.
1991	Controls Unlimited	Pacific Bell

724 W 14TH ST

Year	Uses	Source
1991	Paul Arthur J Construction Management Co	Pacific Bell

FINDINGS

Year	Uses	Source
1985	PAUL ARTHUR J CONSTRUCTION MGT CO	Pacific Bell
	Paul Arthur J Construction Mgt Co	Pacific Bell
1980	Orient Enterprises Co	Pacific Telephone
	ORIENT ENTERPRISES CO	Pacific Telephone
1975	Silent Sentry Inc	Pacific Telephone

725 W 14TH ST

Year	Uses	Source
1985	D & L Cabinets	Pacific Bell
	D & L CABINETS	Pacific Bell
1980	Wahls Welding	Pacific Telephone

727 W 14TH ST

Year	Uses	Source
1991	Sperry Marine Inc	Pacific Bell
1985	SPERRY MARINE SYSTEMS Division Sperry Corp Marine Service	Pacific Bell
	SPERRY MARINE SYSTEMS DIVISION SPERRY CORP MARINE SERVICE	Pacific Bell
1980	SPERRY MARINE SYSTEMS Division Sperry Corp Marine Service	Pacific Telephone
1975	SPERRY MARINE SYSTEMS DIVISION SPERRY RAND CORP Marine Service	Pacific Telephone

728 W 14TH ST

Year	Uses	Source
1980	HOUCHS PROCESS STRIPPING CENTER	Pacific Telephone
	PETERSONS FURNITURE	Pacific Telephone
	PETERSONS FURNITURE	Pacific Telephone
	Houchs Process Stripping Center	Pacific Telephone

732 W 14TH ST

Year	Uses	Source
1985	PIPE SHOPPE THE	Pacific Bell
	Pipe Shoppe The	Pacific Bell
1980	Pipe Shoppe The	Pacific Telephone
	PIPE SHOPPE THE	Pacific Telephone

FINDINGS

733 W 14TH ST

Year	Uses	Source
2013	METROPOLITAN CHEMICAL CO	Cole Information Services
2008	METROPOLITAN CHEMICAL CO	Cole Information Services
2006	METRO CHEMICAL	Haines Company, Inc.
1991	AAA Mobile Home Contractors	Pacific Bell
1985	AAA MOBILE HOME CONTRACTORS LONG BEACH	Pacific Bell
	AAA Mobile Home Contractors	Pacific Bell
1980	AAA Mobile Home Contractors	Pacific Telephone
	AAA MOBILE HOME CONTRACTORS	Pacific Telephone
1975	BOLTZ-KUZIO MARINE	Pacific Telephone
	GADCO-ISP INC	Pacific Telephone
	GILLESPIE DON INC	Pacific Telephone
	METROPOLITAN CHEMICAL CO	Pacific Telephone
	Boltz Kuzio Marine	Pacific Telephone
	GADCO ISP INC	Pacific Telephone
	Gillespie Don Inc	Pacific Telephone
	Metropolitan Chemical Co	Pacific Telephone
1964	VIETHER KLAUS GENERAL CONTRACTOR LONG BEACH	Pacific Telephone
	ALL STATE ELECTRIC CO	Pacific Telephone
1963	Duff Sam M Co geni contr TE	Pacific Telephone
1960	DUFF SAM M CO CONTR	Pacific Telephone
1957	DUFF SAM M CONTR	Pacific Telephone
	DUFF SAM M CONTR	Pacific Telephone
	Duff Saml M genl contr j: he	Pacific Telephone
1954	DUFF SAM M CONTR	R. L. Polk & Co.
	FLAMER ERIK IMBR	R. L. Polk & Co.
1952	Duff S M contr	Los Angeles Directory Co.
1950	A DFLFFSAM M CONTR	Pacific Telephone
	GREENBERG ELEC	Pacific Telephone
	STACY WINCHESTER CONTR	Pacific Telephone
1948	Duff S N geni contr	Los Angeles Directory Co.

736 W 14TH ST

Year	Uses	Source
1975	ORANGE EMPIRE CO OP	Pacific Telephone
	Lewis Alfred M Inc	Pacific Telephone
	Orange Empire Co Op	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	LEWIS ALFRED M INC	Pacific Telephone

740 W 14TH ST

Year	Uses	Source
2013	PEYTCHEV KOSTA	Cole Information Services
2008	TOMMYS AUTO SERVICE	Cole Information Services
	PEYTECH	Cole Information Services
2006	SERVICE	Haines Company, Inc.
	SERVICE TOMMYSAUTO	Haines Company, Inc.
	TOMMYSAUTO	Haines Company, Inc.
	PEYTCHEVKOSTA	Haines Company, Inc.
1991	TOMMYS AUTO SERVICE	Pacific Bell
1985	TOMMY S AUTO SERVICE	Pacific Bell
	TOMMYS AUTO SERVICE	Pacific Bell
1980	Davis Joseph	Pacific Telephone
	DAVIS JOSEPH	Pacific Telephone
1964	RIEPE A R SAN PEDRO	Pacific Telephone

744 W 14TH ST

Year	Uses	Source
2013	METRO PLYWOOD & HARDWARE	Cole Information Services
2008	TNN FASHION	Cole Information Services
1985	Gemini Marine Repair	Pacific Bell
	GEMINI MARINE REPAIR	Pacific Bell
1980	K D Coleman	Pacific Telephone
	K D COLEMAN	Pacific Telephone
1975	Page Moving & Storage	Pacific Telephone
	PAGE MOVING & STORAGE	Pacific Telephone

745 W 14TH ST

Year	Uses	Source
1964	WESSON C E SAN PEDRO	Pacific Telephone
1957	FORD S L PLASTRNG CO	Pacific Telephone
	Ford S L Plastering Co he	Pacific Telephone
	tersects	Pacific Telephone
1954	FORD S L PLASTRNG CO	R. L. Polk & Co.
1952	Ford Plastering Co	Los Angeles Directory Co.
	sects	Los Angeles Directory Co.
1950	FORD S L PLASTMRG CO	Pacific Telephone

FINDINGS

Year	Uses	Source
1948	Ford Plastering Co	Los Angeles Directory Co.
	14TH WEST Contd	Los Angeles Directory Co.
	AMoxley M L geni contr	Los Angeles Directory Co.

746 W 14TH ST

Year	Uses	Source
1980	MILLER MARK SAN PEDRO	Pacific Telephone

760 W 14TH ST

Year	Uses	Source
1980	LOGRASSO PASQUALE SAN PEDRO	Pacific Telephone

7751/2 W 14TH ST

Year	Uses	Source
1957	DEVENPORT EUGENE	Pacific Telephone

7791/2 W 14TH ST

Year	Uses	Source
1957	HIGBY LENA M	Pacific Telephone
1954	HIGBY LENA M R	R. L. Polk & Co.

782 W 14TH ST

Year	Uses	Source
1964	PONCE ARTURO JR SAN PEDRO	Pacific Telephone
	PONCE RACHELE SAN PEDRO	Pacific Telephone

785 W 14TH ST

Year	Uses	Source
1980	MINKE LOS L SAN PEDRO	Pacific Telephone

800 W 14TH ST

Year	Uses	Source
2008	W & O SUPPLY INC	Cole Information Services
2006	W& 0 SUPPLY INC	Haines Company, Inc.
1991	W & O Supply Inc	Pacific Bell
1985	W & O SUPPLY INC	Pacific Bell
	W & O Supply Inc	Pacific Bell
1980	CLARKE MECHANICAL INC	Pacific Telephone
	CLARKE MECHANICAL INC	Pacific Telephone

FINDINGS

801 W 14TH ST

Year	Uses	Source
2006	TR OIL SERVICES	Haines Company, Inc.
1991	Technical Service Co	Pacific Bell
1985	Technical Service Co	Pacific Bell
	TECHNICAL SERVICE CO	Pacific Bell
1980	Technical Service Co	Pacific Telephone
1975	Technical Service Co	Pacific Telephone
1963	Kuster Elce Co elc contrs HB	Pacific Telephone
1960	KUSTER ELECTRIC CO	Pacific Telephone
1957	Kuster Elec Co constn yd	Pacific Telephone

804 W 14TH ST

Year	Uses	Source
2008	RIO WINDOW FASHIONS	Cole Information Services
	INNOVATION WINDOW COVERINGS	Cole Information Services
2006	FAR EAST MARINE	Haines Company, Inc.
	SUPPLIES	Haines Company, Inc.
1991	Far East Marine Supplies	Pacific Bell
1985	Far East Marine Supplies	Pacific Bell
	FAR EAST MARINE SUPPLIES	Pacific Bell
1980	FAR EAST MARINE SUPPLIES	Pacific Telephone
	FAR EAST MARINE SUPPLIES	Pacific Telephone

806 W 14TH ST

Year	Uses	Source
2013	L W HYDRAULIC SERVICES LLC	Cole Information Services
2008	HYDRAULIC & AUTOMATION CONTROLS	Cole Information Services
2006	HYDRAULIC	Haines Company, Inc.
	ATMTN CNTRLS INC	Haines Company, Inc.
1985	MAG-TROL LONG BEACH INC	Pacific Bell
	MAGTROL ELEC SUPLS	Pacific Bell
	Mag Trol Long Beach Inc elec supls	Pacific Bell
	Magtrol elec supls	Pacific Bell
	MAG-TROL LONG BEACH INC ELEC SUPIS	Pacific Bell
1980	Halfhill Co The	Pacific Telephone
	South Pac Canning Co	Pacific Telephone
	HALFHILL CO THE	Pacific Telephone
	South Coast Fisheries Co	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	Halfhill Co The	Pacific Telephone
	South Coast Fisheries Co	Pacific Telephone
	South Pac Canning Co	Pacific Telephone
	HALFHILL CO THE	Pacific Telephone

837 W 14TH ST

Year	Uses	Source
1964	NELSON OLGA A	Pacific Telephone

840 W 14TH ST

Year	Uses	Source
1964	ANTICH MARIO SAN PEDRO	Pacific Telephone
1950	RSAN PEDRO	Pacific Telephone

845 W 14TH ST

Year	Uses	Source
1964	HARRYS REPAIR IMPS-REPRNG	Pacific Telephone

901 W 14TH ST

Year	Uses	Source
1950	LONG BCH CITY OF PUBLIC SERV DEPT	Pacific Telephone

935 W 14TH ST

Year	Uses	Source
1964	ANTOLA AINA SAN PEDRO	Pacific Telephone

956 W 14TH ST

Year	Uses	Source
1964	TUBEROSI JOHN SAN PEDRO	Pacific Telephone

964 W 14TH ST

Year	Uses	Source
1975	FRENCH DAVID A REV	Pacific Telephone

965 W 14TH ST

Year	Uses	Source
1964	PAULSEN JOYCE SAN PEDRO	Pacific Telephone

W ANAHEIM

701 W ANAHEIM

Year	Uses	Source
1990	KING BEARING INC LONG BEACH	Pacific Bell
	KING BEARING INC LOS ANGELES	Pacific Bell
1986	KING BEARING INC LONG BEACH	Pacific Bell
	KING BEARING INC LOS ANGELES	Pacific Bell

727 W ANAHEIM

Year	Uses	Source
1990	WILORCO INC LONG BEACH	Pacific Bell

W ANAHEIM AVE

803 W ANAHEIM AVE

Year	Uses	Source
1924	OLMSTEAD Palmer steelmn r	Los Angeles Directory Co.

W ANAHEIM ST

1010 W ANAHEIM ST

Year	Uses	Source
1954	WILMINGTON RANCH MKT	R. L. Polk & Co.

1128 W ANAHEIM ST

Year	Uses	Source
1960	VETERANS OF FOREIGN WARS WILMINGTON POST 2967	Pacific Telephone
1957	VETERANS OF FOREIGN WARS	Pacific Telephone
1954	VETERANS OF FOREIQN WARS LONG BEACH	R. L. Polk & Co.
1950	VETERANS OF FOREIGN WARS	Pacific Telephone

1131 W ANAHEIM ST

Year	Uses	Source
1964	RAFFLES THE WILMINGTON	Pacific Telephone
1960	RAFFLES WILMINGTON	Pacific Telephone

701 W ANAHEIM ST

Year	Uses	Source
2013	APPLIED INDUSTRIAL TECHNOLOGIES	Cole Information Services

FINDINGS

Year	Uses	Source
2008	APPLIED INDUSTRY TECH CA LLC	Cole Information Services
2006	TECHNOLOGY	Haines Company, Inc.
	INDUSTRIAL	Haines Company, Inc.
	APPLIED	Haines Company, Inc.
1991	King Bearing Inc	Pacific Bell
1985	KING BEARING INC	Pacific Bell
	King Bearing Inc	Pacific Bell
1980	King Bearing Inc	Pacific Telephone
	KING BEARING INC	Pacific Telephone
1976	Long Beach	Pacific Telephone
	KING BEARING INC	Pacific Telephone
1975	KING BEARING INC	Pacific Telephone
	KING BEARING INC	Pacific Telephone

702 W ANAHEIM ST

Year	Uses	Source
1954	SOFT WATER LAUNDRY & DRY CLNRS	R. L. Polk & Co.
	WHITE CLNRS & LAUNDERERS	R. L. Polk & Co.
1950	SOFT WATER LAUNDRY & DRY CINRS	Pacific Telephone
	WHITE CIURS & LAUNDERERS	Pacific Telephone

705 W ANAHEIM ST

Year	Uses	Source
2013	MAGTROL LONG BEACH INC	Cole Information Services
2008	MAG TROL LONG BEACH INC	Cole Information Services
2006	MAG TROL LONG	Haines Company, Inc.
	BCHINC	Haines Company, Inc.
1975	Valley Industrial Supply Co Inc	Pacific Telephone

710 W ANAHEIM ST

Year	Uses	Source
1964	SELF-SERV LAUNDERETTE WILMINGTON	Pacific Telephone

713 W ANAHEIM ST

Year	Uses	Source
1960	SPEED WAY AUTO PARTS	Pacific Telephone

FINDINGS

715 W ANAHEIM ST

Year	Uses	Source
2013	AMIGOS WHOLESALE	Cole Information Services
1991	Amigos Wholesale	Pacific Bell
1985	PAN-OCEAN LNC	Pacific Bell
	Pan Ocean Inc	Pacific Bell
1980	PAN OCEAN INC	Pacific Telephone
	PAN OCEAN INC	Pacific Telephone
1975	PAN OCEAN INC LONG BEACH	Pacific Telephone
	PAN OCEAN INC	Pacific Telephone

718 W ANAHEIM ST

Year	Uses	Source
2013	WEST COAST CHOPPERS INC	Cole Information Services
2006	WESTCST	Haines Company, Inc.
	CHOPPERS	Haines Company, Inc.
1991	AAPI Austral Auto Parts International Inc	Pacific Bell
	Austral Auto Parts International Inc	Pacific Bell
	Austral Auto Parts International Inc	Pacific Bell
1985	AAPI-AUSTRAL AUTO PARTS INTERNATIONAL INC LONG BEACH	Pacific Bell
	AUSTRAL AUTO PARTS INTERNATIONAL INC	Pacific Bell
	AAPI AUSTRAL AUTO PARTS INTERNATIONAL INC	Pacific Bell
	AUSTRAL AUTO PARTS INTERNATIONAL INC	Pacific Bell
1980	Spencer Equipment Co	Pacific Telephone
1964	ELLIS PAINT COMPANY INC	Pacific Telephone
1963	Ellis Paint Co Inc 11 E	Pacific Telephone
1960	ELLIS PAINT CO	Pacific Telephone
1957	ELLIS PAINT CO	Pacific Telephone
	Ellis Paint Co AIIE	Pacific Telephone
1954	ELLIS PAINT CO	R. L. Polk & Co.
1952	Ellis Paint Co	Los Angeles Directory Co.
1950	ELLIS PAINT CO	Pacific Telephone

718 1/2 W ANAHEIM ST

Year	Uses	Source
1964	SEJA ERINEO WILMINGTON	Pacific Telephone

FINDINGS

7181/2 W ANAHEIM ST

Year	Uses	Source
1957	DROPE ALVIN L	Pacific Telephone
1954	MATTHEWS VERNA	R. L. Polk & Co.

720 W ANAHEIM ST

Year	Uses	Source
1952	Vacant	Los Angeles Directory Co.
1948	ARaymond Lmbr Co ASmith R A ofc	Los Angeles Directory Co.

722 W ANAHEIM ST

Year	Uses	Source
1980	ESPARZA BENITO H NOTRY PUB WILMINGTON	Pacific Telephone
1964	ANAHEIM BOOKKEEPING TAX SERV WILMINGTON	Pacific Telephone

724 W ANAHEIM ST

Year	Uses	Source
1991	Sheldons Machine Shop	Pacific Bell
	International Marine Engineering Inc	Pacific Bell
1985	Fuller Security Services	Pacific Bell
	Kings Key Finders Inc	Pacific Bell
	Hansted Corp	Pacific Bell
	Fuller Alvan L & Associates	Pacific Bell
	Fuller & Fuller Inc	Pacific Bell
	KINGS KEY FINDERS INC	Pacific Bell
	HANSTED CORP	Pacific Bell
	FULLER SECURITY SERVICES	Pacific Bell
	FULLER & FULLER INC	Pacific Bell
	FULLER ALVAN L & ASSOCIATES	Pacific Bell
1980	HANSTED CORP	Pacific Telephone
	Hansted Corp	Pacific Telephone
1975	Rahm Engineering	Pacific Telephone
1964	ALMOR DEVELOPMENT CO INC ELECTRNC EQ LONG BEACH	Pacific Telephone
1963	Decorama Serv of LB int dec Ilf 0731	Pacific Telephone
1957	CRANE CO	Pacific Telephone
	Crane Co p 1mb sup AHIE	Pacific Telephone
1954	CRANE CO	R. L. Polk & Co.

FINDINGS

725 W ANAHEIM ST

Year	Uses	Source
2013	MOUNTAIN VIEW REALTY	Cole Information Services
	BECHLER CORP	Cole Information Services
2006	MOUNTAIN VIEW	Haines Company, Inc.
	AMIGOS	Haines Company, Inc.
	WHOLESALE	Haines Company, Inc.
	BECHLER CORP	Haines Company, Inc.
	MOUNTAINVIEW	Haines Company, Inc.
	DAIRIES INC	Haines Company, Inc.
1991	Amigos Wholesale	Pacific Bell
	Bechler Corp	Pacific Bell
	Mountain View Realty	Pacific Bell
1985	BECHLER CORP	Pacific Bell
	MOUNTAIN VIEW DAIRIES INC	Pacific Bell
	MOUNTAIN VIEW REALTY	Pacific Bell
	BECHLER CORP	Pacific Bell
	MOUNTAIN VIEW DAIRIES INC	Pacific Bell
	Mountain View Realty	Pacific Bell
1980	BECHLER CORP	Pacific Telephone
	MOUNTAIN VIEW DAIRIES INC	Pacific Telephone
	MOUNTAIN VIEW REALTY	Pacific Telephone
	BECHLER CORP	Pacific Telephone
	Ofc	Pacific Telephone
	Mountain View Realty	Pacific Telephone
1975	BECHLER CORP	Pacific Telephone
	MOUNTAIN VIEW DAIRIES INC OFC	Pacific Telephone
	BECHLER CORP	Pacific Telephone
	Ofc	Pacific Telephone
1970	MOUNTAIN VIEW DAIRIES INC OFC	Pacific Telephone
1964	MOUNTAIN VIEW DAIRIES INC OFC	Pacific Telephone
	PARK PANTRY CAFETERIA	Pacific Telephone
1963	Mountain View Dairies Inc 1 E	Pacific Telephone
1960	MOUNTAIN VIEW DAIRIES INC OFC	Pacific Telephone
	RILEY S CAFETERIA	Pacific Telephone
1957	Mountain View Dairies Inc he	Pacific Telephone
	MOUNTAIN VIEW DAIRIES	Pacific Telephone
	RILEY S CAFETERIA	Pacific Telephone
1954	MOUNTAIN VIEW DAIRIES INC	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1954	RILEY S CAFETERIA	R. L. Polk & Co.
1952	Mountain View Dairies ofc	Los Angeles Directory Co.
1950	BILGE CLUB	Pacific Telephone
	MOUNTAIN VIEW DAIRIES INC	Pacific Telephone
	WEISS CAFE	Pacific Telephone
1948	AMountain View Dairies ofc	Los Angeles Directory Co.
	AWeiss I I restr	Los Angeles Directory Co.

727 W ANAHEIM ST

Year	Uses	Source
1980	Story Machinery & Supply	Pacific Telephone
	Story Ed Inc	Pacific Telephone
1963	Rileys Cafeteria restr	Pacific Telephone
1957	Rileys Cafeteria A 11 E	Pacific Telephone

729 W ANAHEIM ST

Year	Uses	Source
2013	STRIKE TECHNOLOGY INC	Cole Information Services
2008	STRIKE TECHNOLOGY INC	Cole Information Services
	RACK FACTORY INC	Cole Information Services
2006	RIO WINDOW	Haines Company, Inc.
	RACK FACTORY	Haines Company, Inc.
	FASHIONS WILORCDODIV	Haines Company, Inc.
1991	Wilorco Inc	Pacific Bell
	South Pacific House California	Pacific Bell
	Rattan Arts	Pacific Bell
	Rack Factory motrcycls	Pacific Bell
1985	RACK FACTORY MOTRCYLS	Pacific Bell
	WILORCO INC	Pacific Bell
	SOUTH PACIFIC HOUSE CALIFORNIA	Pacific Bell
	Wilorco Inc	Pacific Bell
	South Pacific House California	Pacific Bell
	Rack Factory motrcyls	Pacific Bell
1980	Wilorco Inc	Pacific Telephone
	South Pacific House California	Pacific Telephone
	Rack Factory motrcyls	Pacific Telephone
1976	Wilorco Inc	Pacific Telephone
1975	Wilorco Inc	Pacific Telephone
	South Pacific House California Inc	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	Rack Factory motrcyls	Pacific Telephone
1964	WILORCO INC	Pacific Telephone

731 W ANAHEIM ST

Year	Uses	Source
2013	PARTS HAUS THE	Cole Information Services
2006	LONG BCH GARAGE	Haines Company, Inc.
	DOOR SERVICES	Haines Company, Inc.

733 W ANAHEIM ST

Year	Uses	Source
2013	HARBOR CUSTOM CANVAS	Cole Information Services
2008	LONG BEACH GARAGE DOOR	Cole Information Services
	HARBOR CUSTOM CANVAS	Cole Information Services
2006	CANVAS	Haines Company, Inc.
	HARBOR CSTM	Haines Company, Inc.
1991	Pameco Aire	Pacific Bell
1985	PAMECO-AIRE	Pacific Bell
	Pameco Aire	Pacific Bell
1980	PAMECO AIRE	Pacific Telephone
	PAMECO AIRE	Pacific Telephone
1975	PAMECO AIRE	Pacific Telephone
	PAMECO AIRE	Pacific Telephone
1970	PAMECO AIRE REFRIGTN EQUIP	Pacific Telephone
1964	PAMECO-AIRE DIV OF PACIFIC METALS REFRIGTN EQUIP	Pacific Telephone

740 W ANAHEIM ST

Year	Uses	Source
2006	VACUUM	Haines Company, Inc.
	MACHINE	Haines Company, Inc.
	I &M SEWING	Haines Company, Inc.

750 W ANAHEIM ST

Year	Uses	Source
1952	Aldrich Sup Co plmbg sups	Los Angeles Directory Co.
1950	ALEDRLCH SUPPLY CO	Pacific Telephone
	BLACK J W CO BLDG MTRLS	Pacific Telephone
1948	ABlack S W Co bldrs suppe	Los Angeles Directory Co.
	AAldrich F B plmbg sup	Los Angeles Directory Co.

FINDINGS

805 W ANAHEIM ST

Year	Uses	Source
1948	Ellis Paint Co	Los Angeles Directory Co.

810 W ANAHEIM ST

Year	Uses	Source
1960	GOLDEN CROWN MOTORS	Pacific Telephone

824 W ANAHEIM ST

Year	Uses	Source
1957	sects	Pacific Telephone
	Inc of Calif be	Pacific Telephone
	Smyth Van & Storage Co	Pacific Telephone
1952	Crane Co plmbg supps	Los Angeles Directory Co.
1950	CRANE CO	Pacific Telephone
1948	ACrane Co plmbg supps	Los Angeles Directory Co.

828 W ANAHEIM ST

Year	Uses	Source
1964	SWENSON T R GENERAL AUTO FINANCE WILMINGTON	Pacific Telephone
1952	Blake Moffitt & Towne paper	Los Angeles Directory Co.
1950	BLAKE MOFFITT & TOWNE PAPER	Pacific Telephone

831 W ANAHEIM ST

Year	Uses	Source
1954	WISTER PLUMBNG CO	R. L. Polk & Co.

838 W ANAHEIM ST

Year	Uses	Source
1952	Gough Industries Inc radios	Los Angeles Directory Co.

841 W ANAHEIM ST

Year	Uses	Source
1960	HAMPTON IMPORTED CARS INC	Pacific Telephone

844 W ANAHEIM ST

Year	Uses	Source
1952	Vacant	Los Angeles Directory Co.
	sects	Los Angeles Directory Co.
1948	AFranetovich N D restr	Los Angeles Directory Co.

FINDINGS

881 W ANAHEIM ST

Year	Uses	Source
2008	PHOHANH	Cole Information Services

900 W ANAHEIM ST

Year	Uses	Source
1980	BILL STECH BULCK GMC OPEL WILMINGTON	Pacific Telephone
1970	AVALON MOTORS-BUICK-OPEL WILMINGTON	Pacific Telephone

909 W ANAHEIM ST

Year	Uses	Source
1950	COLLINS D K VETNRY	Pacific Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
San Francisco Ave/W Anaheim St	2008, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1967, 1966, 1965, 1962, 1961, 1958, 1956, 1955, 1951, 1949, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1001 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1010 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1010 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1014 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1020 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1101 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1109 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1110 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1115 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1117 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1122 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1125 1/4 S OREGON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1127 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1128 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1130 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1131 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1131 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1150 DE FOREST AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1150 DE FOREST AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1200 OREGON AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1200 OREGON AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1981, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1250 DE FOREST AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1305 OREGON AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1313 OREGON AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1317 OREGON AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1317 SAN FRANCISCO AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1940, 1938, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1320 SAN FRANCISCO AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1329 OREGON AVE	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1331 OREGON AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1333 OREGON AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1333 OREGON AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1337 OREGON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1337 OREGON AVE	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1338 S OREGON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1368 OREGON AVE	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1400 SAN FRANCISCO AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1401 SAN FRANCISCO AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1407 SAN FRANCISCO AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1415 SAN FRANCISCO AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1444 SAN FRANCISCO AVE	2013, 2008, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1444 SAN FRANCISCO AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1601 SAN FRANCISCO AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
692 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
694 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
694 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
696 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
696 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
698 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
700 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
701 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
701 W ANAHEIM	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
701 W ANAHEIM ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
701 W ANAHEIM ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
702 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
702 ANAHEIM ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
702 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
702 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
703 14TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
703 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
703 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1962, 1961, 1960, 1958, 1956, 1955, 1951, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
704 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
704 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
704 W 14TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
705 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
705 W ANAHEIM ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
705 W ANAHEIM ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
707 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
707 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
708 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
708 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
708 W 14TH ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
710 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
710 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
712 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
712 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
712 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
713 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
713 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
715 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
715 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
715 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
715 W ANAHEIM ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
716 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
716 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
716 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
716 W 14TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
717 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
717 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
717 W 14TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
718 1/2 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
718 1/2 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
718 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
718 ANAHEIM ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
718 W ANAHEIM ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1962, 1961, 1958, 1956, 1955, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
718 W ANAHEIM ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
7181/2 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
720 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
720 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
720 W 14TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
720 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
721 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
721 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
721 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
722 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
722 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
723 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
723 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
723 W 14TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
724 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
724 ANAHEIM ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
724 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
724 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
725 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
725 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
725 ANAHEIM ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
725 W 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
725 W 12TH ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
725 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
725 W ANAHEIM ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1962, 1961, 1958, 1956, 1955, 1951, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
725 W ANAHEIM ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
726 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
727 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
727 ANAHEIM ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
727 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
727 W ANAHEIM	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
727 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
728 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
728 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
728 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
729 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
729 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
729 ANAHEIM ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
729 W ANAHEIM ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
729 W ANAHEIM ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
731 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
731 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
731 W ANAHEIM ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
731 W ANAHEIM ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
732 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
732 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
733 14TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
733 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
733 ANAHEIM ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
733 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1962, 1961, 1958, 1956, 1955, 1951, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
733 W 14TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
733 W ANAHEIM ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
733 W ANAHEIM ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
734 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
734 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
736 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
737 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
737 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
738 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
740 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
740 W 12TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
740 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
740 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
740 W 14TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
740 W ANAHEIM ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
744 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
744 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
744 W 14TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
745 14TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
745 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1951, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
746 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
746 14TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
746 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
748 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
750 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
750 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1951, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
752 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
752 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
753 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
753 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
760 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
760 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
760 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
761 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
761 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
764 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
764 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
772 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
773 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
773 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
775 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
7751/2 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
777 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
778 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
778 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
7791/2 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
782 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
782 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
785 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
785 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
790 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
790 W 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
790 W 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
790 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
793 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
800 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
800 14TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
800 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
800 W 14TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
801 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
801 14TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
801 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
801 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
803 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
803 W ANAHEIM AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
804 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
804 14TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
804 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
804 W 14TH ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
805 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
805 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
806 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
806 14TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
806 W 14TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
806 W 14TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
807 1/2 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
808 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
808 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
809 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
810 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
812 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
815 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
819 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
822 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
823 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
823 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
823 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
824 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
824 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1951, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
825 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
825 W 12TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
826 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
826 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
828 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
828 W 12TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
828 W 12TH ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
828 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
830 3/4 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
831 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
832 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
834 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
835 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
837 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
838 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
838 W 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
838 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
838 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
840 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
840 W 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
840 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
840 W 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
840 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
840 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
841 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
841 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
843 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
844 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
844 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1951, 1950, 1949, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
845 14TH ST W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
845 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
849 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
849 W 12TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
850 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
853 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
881 W ANAHEIM ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
900 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
900 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
900 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
901 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
901 W 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
901 W 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1972, 1971, 1970, 1969, 1966, 1965, 1962, 1961, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
901 W 12TH ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
901 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
907 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
909 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
909 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
909 W 12TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
909 W ANAHEIM ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
916 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1942, 1940, 1938, 1937, 1936, 1934, 1933, 1932, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
917 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
921 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
925 W 14TH AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
927 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
934 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
935 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
937 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
942 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
950 12TH W	2013, 2008, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
950 W 12TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
950 W 12TH ST	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
950 W 12TH ST	2013, 2008, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1972, 1971, 1969, 1966, 1965, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
956 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
964 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
965 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
965 W 14TH ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
970 1/2 ANAHEIM W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
972 14TH W	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
972 W 14TH	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

Former Long Beach Public Service Yard
San Francisco Ave/W Anaheim St
Long Beach, CA 90813

Inquiry Number: 4328849.4
June 17, 2015

EDR Historical Topographic Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

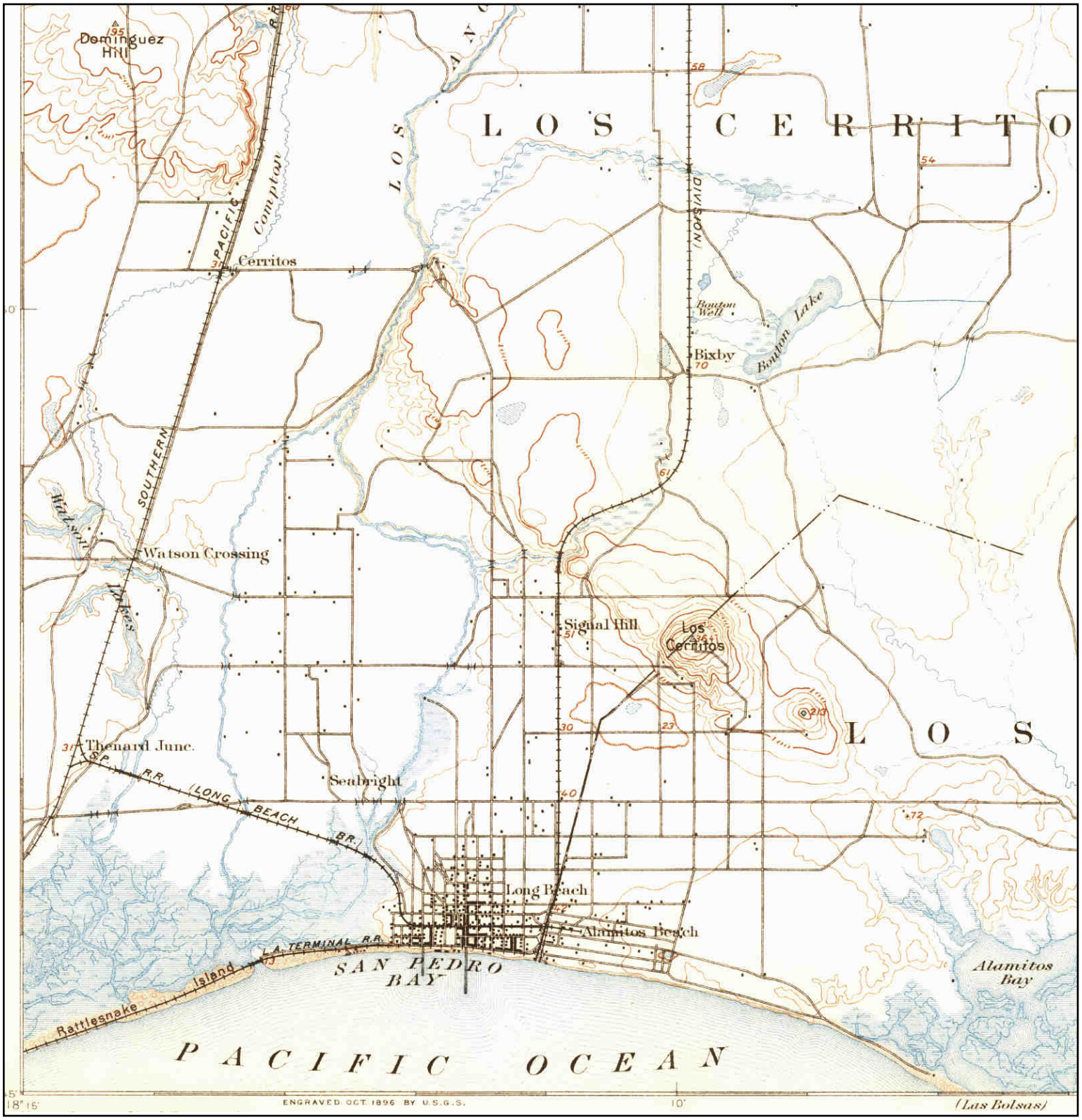
Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2015 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

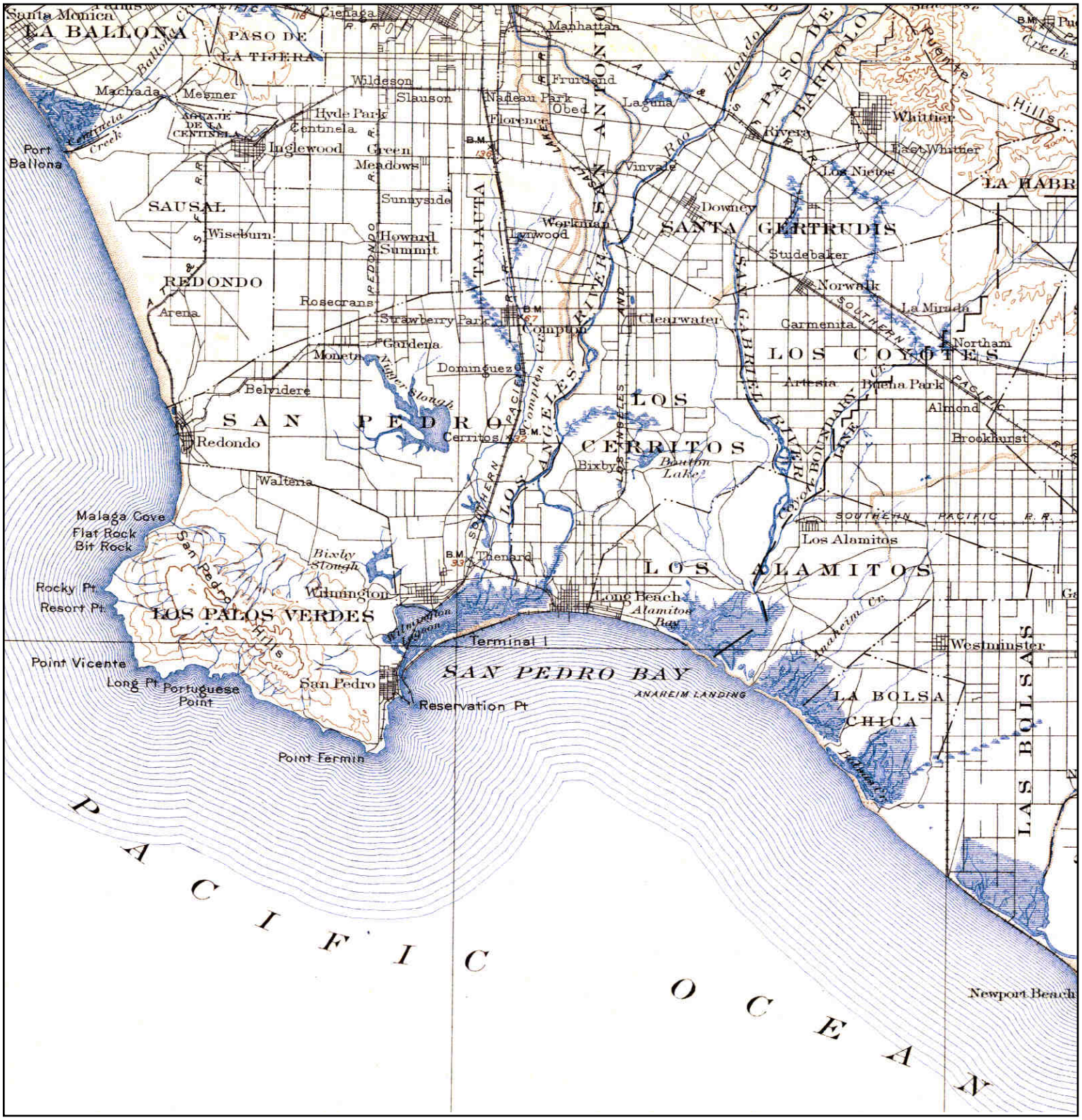
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Historical Topographic Map



N	TARGET QUAD NAME: DOWNEY MAP YEAR: 1896 SERIES: 15 SCALE: 1:62500	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

Historical Topographic Map

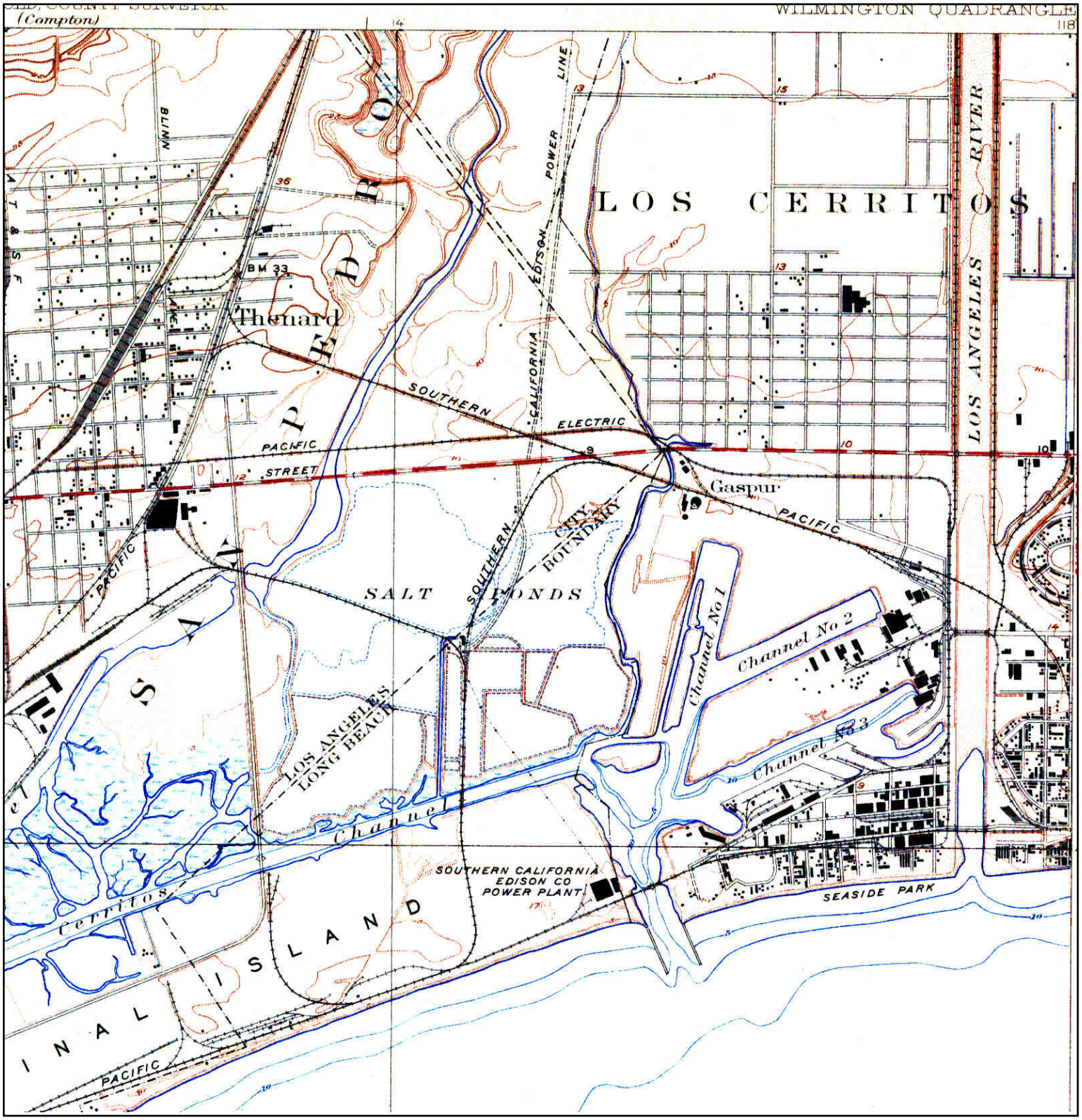


N	TARGET QUAD NAME: SOUTHERN CA SHEET 1 MAP YEAR: 1901 SERIES: 60 SCALE: 1:250000	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

Historical Topographic Map

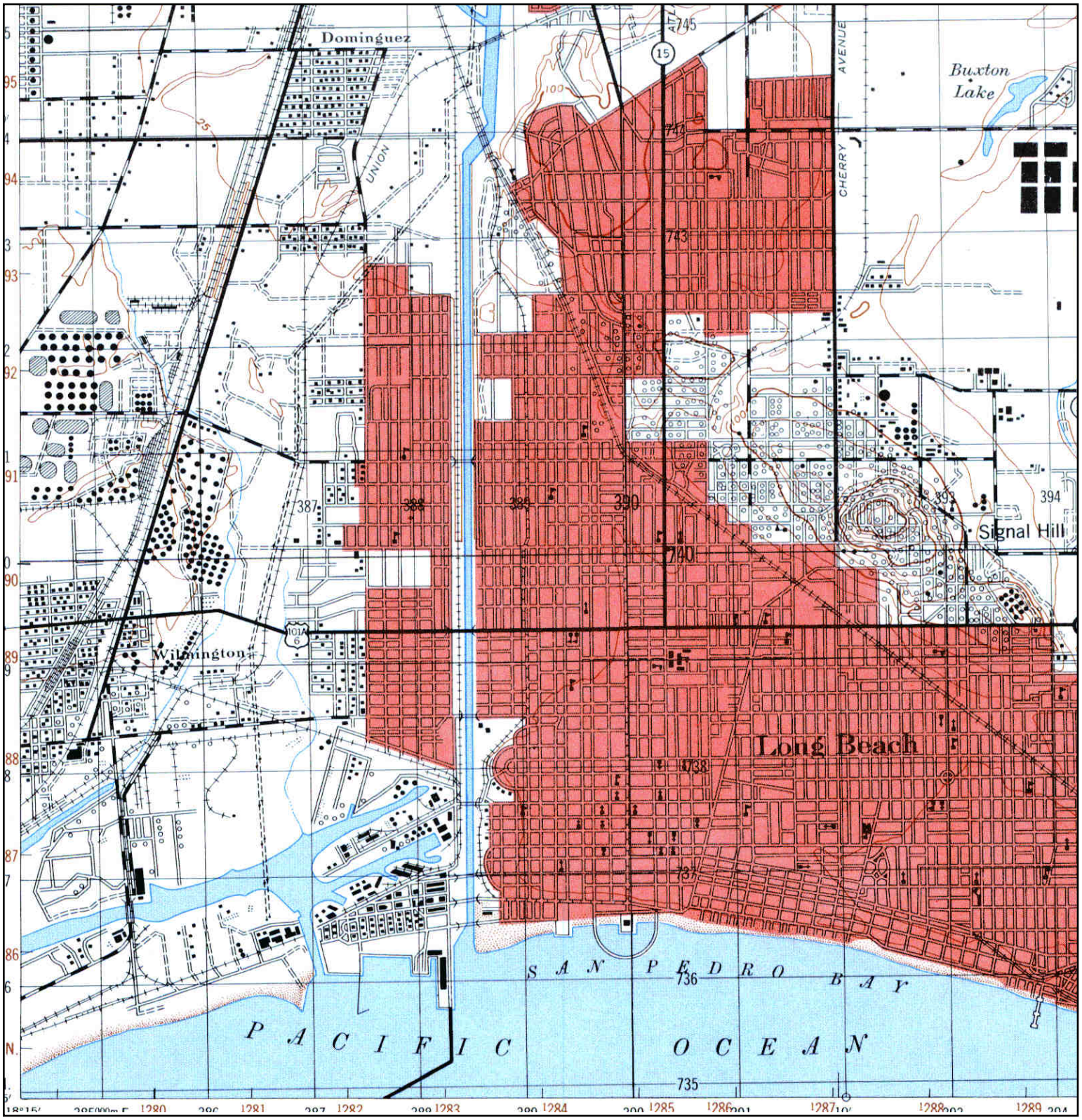
N	TARGET QUAD NAME: DOWNEY MAP YEAR: 1902 SERIES: 15 SCALE: 1:62500	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

Historical Topographic Map



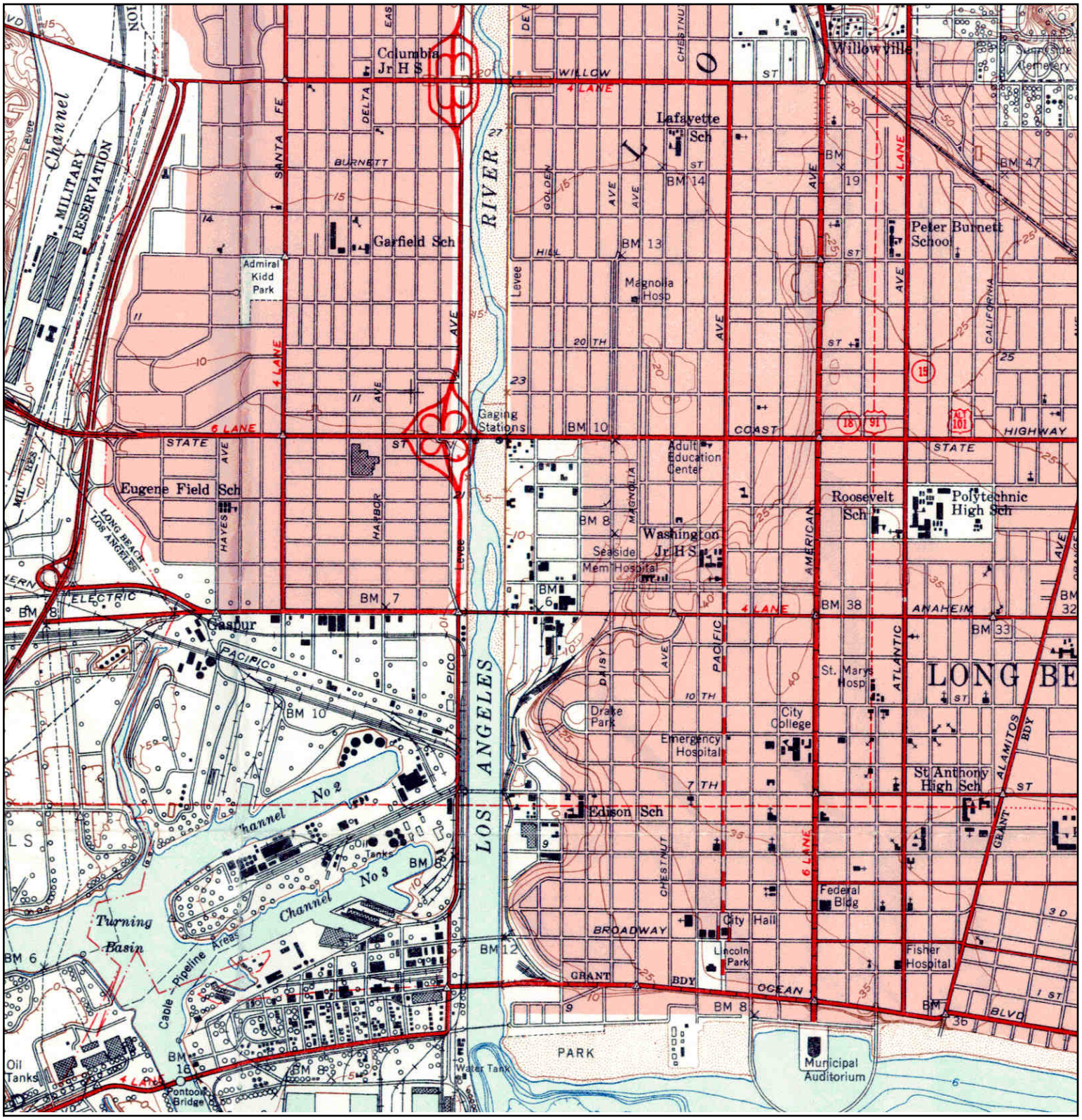
N	TARGET QUAD NAME: WILMINGTON MAP YEAR: 1925 SERIES: 6 SCALE: 1:24000	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

Historical Topographic Map



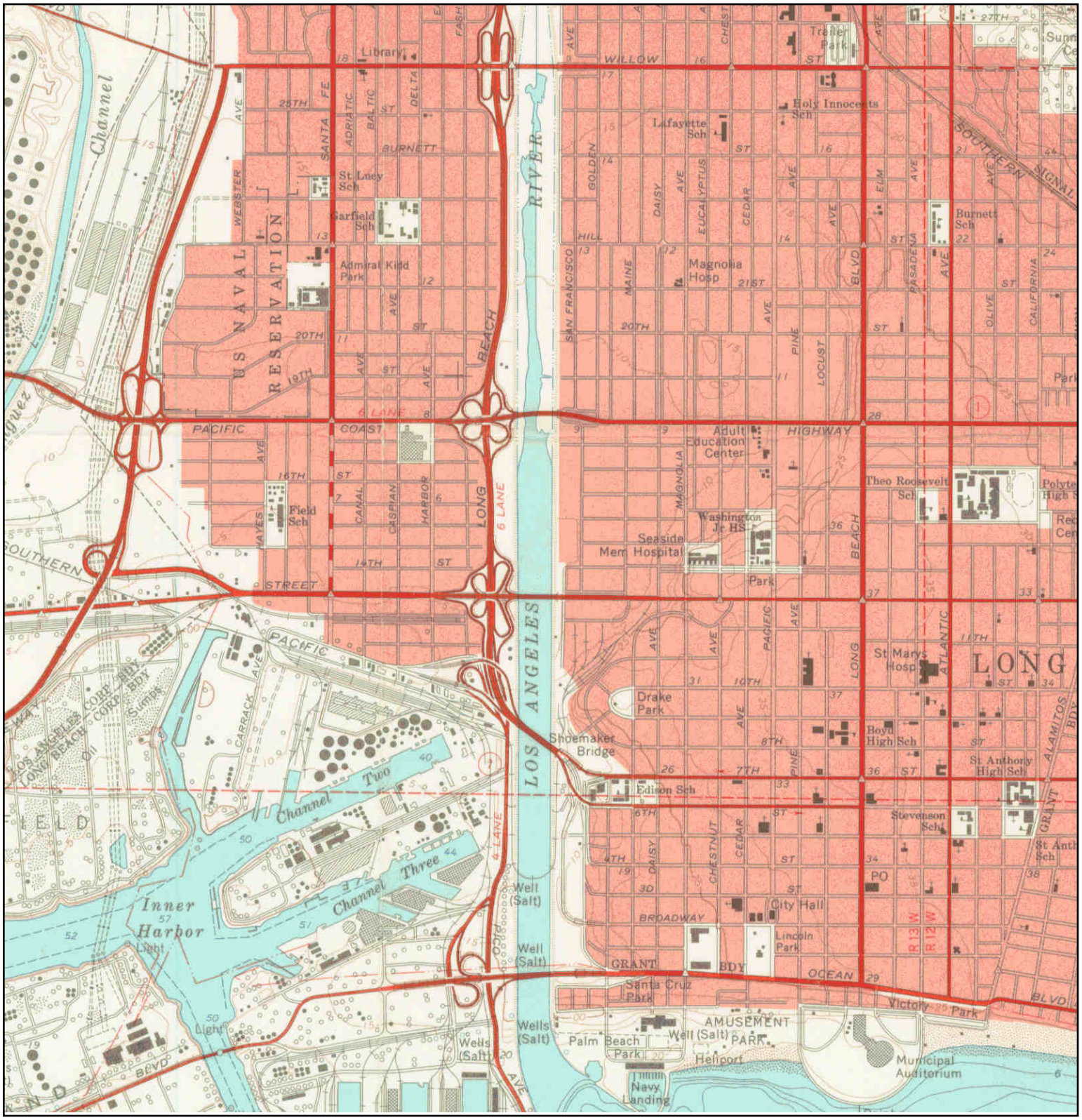
N	**TARGET QUAD** NAME: DOWNEY MAP YEAR: 1947 SERIES: 15 SCALE: 1:50000	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

Historical Topographic Map



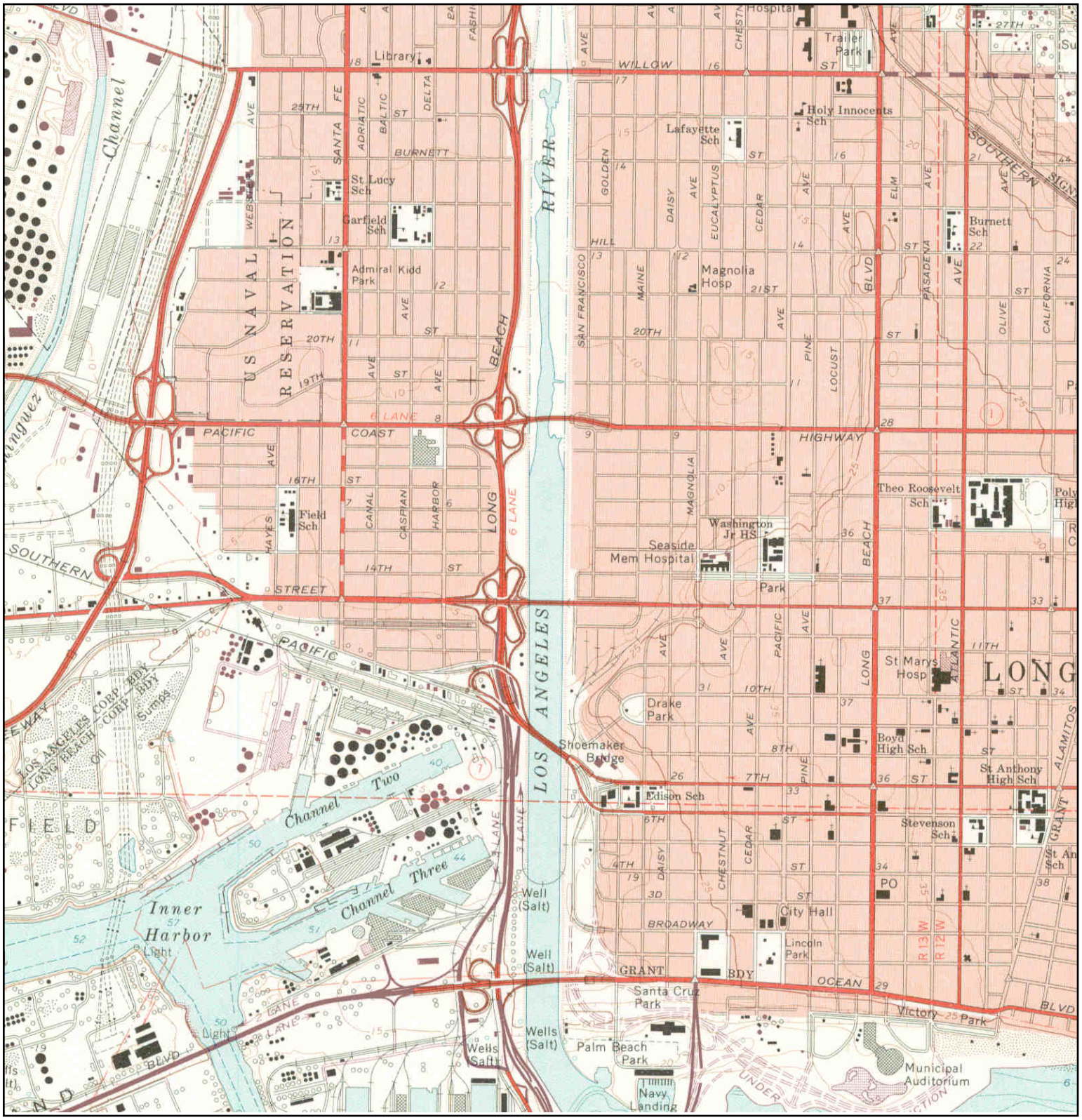
N	TARGET QUAD NAME: LONGBEACH VICINITY 2OF3 MAP YEAR: 1951 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

Historical Topographic Map



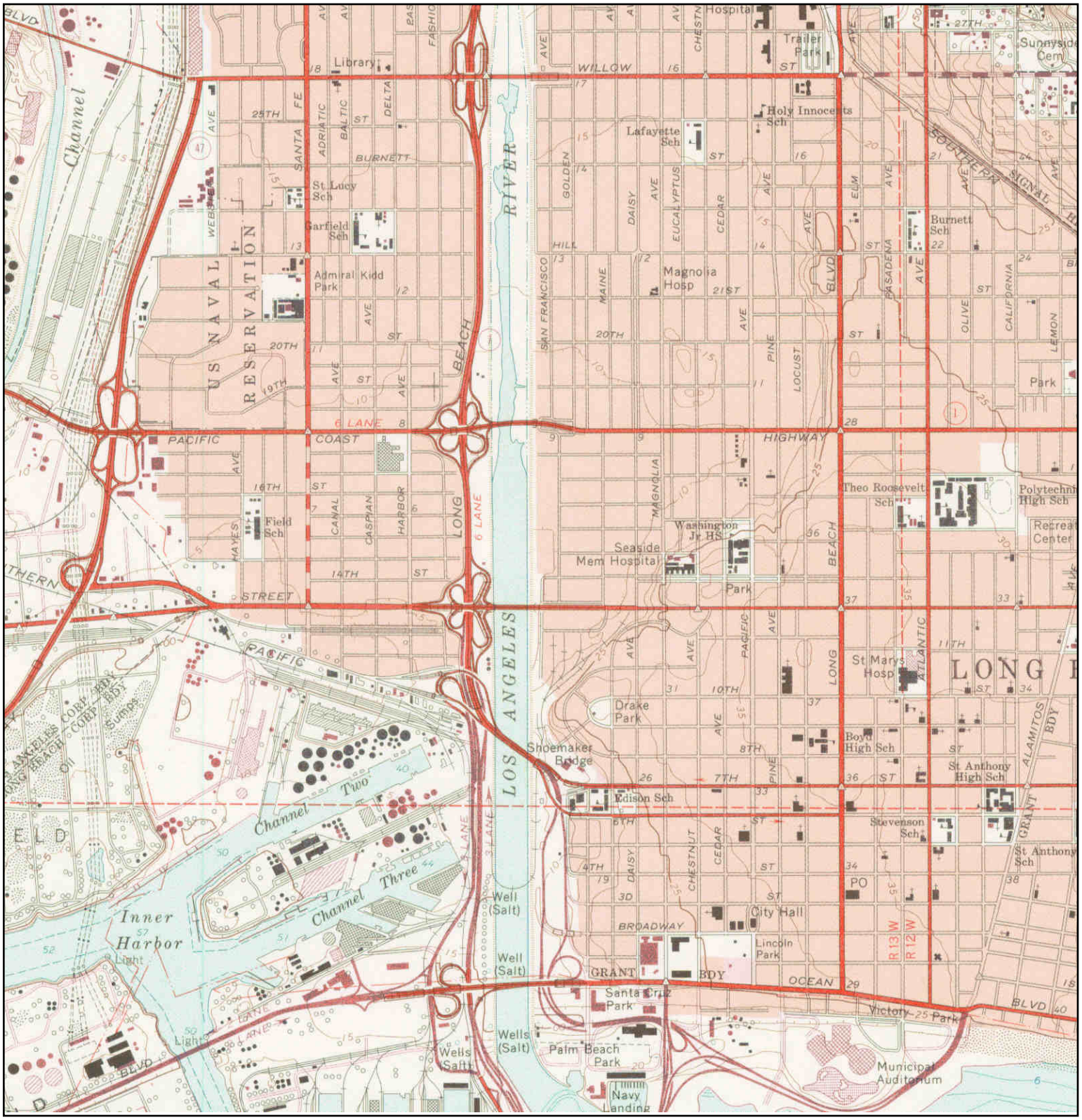
N	TARGET QUAD NAME: LONG BEACH MAP YEAR: 1964 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

Historical Topographic Map



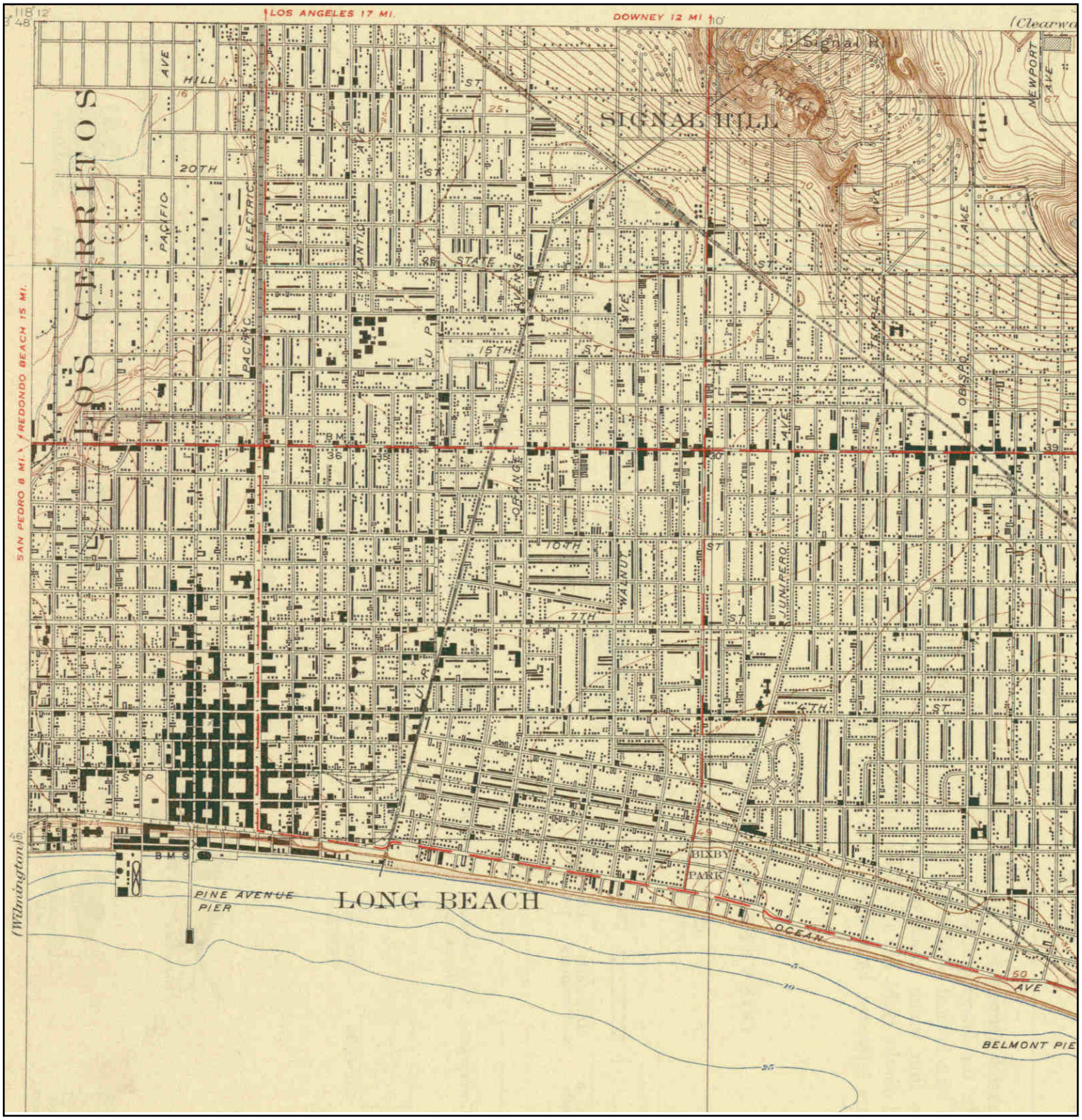
N	**TARGET QUAD** NAME: LONG BEACH MAP YEAR: 1972 PHOTOREVISED FROM :1964 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

Historical Topographic Map



N	TARGET QUAD NAME: LONG BEACH MAP YEAR: 1981 PHOTOREVISED FROM :1964 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

Historical Topographic Map



N	ADJOINING QUAD NAME: LONG BEACH MAP YEAR: 1925 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach, CA 90813 LAT/LONG: 33.7843 / -118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY#: 4328849.4 RESEARCH DATE: 06/17/2015

APPENDIX D

PREVIOUS REPORTS
(INCLUDED IN SUBFOLDER)

APPENDIX E

REGULATORY AGENCY INFORMATION – NFA LETTERS

CITY OF LONG BEACH

DEPARTMENT OF HEALTH AND HUMAN SERVICES
BUREAU OF ENVIRONMENTAL HEALTH

2525 GRAND AVENUE ROOM 220 • LONG BEACH, CALIFORNIA 90815 • (562) 570-4132
WWW.LONGBEACH.GOV/HEALTH/EH

April 27, 2015

Mr. Clark Neuhoff
San Francisco Yard LLC
c/o Alere Property Group LLC
100 Bayview Circle, Suite 310
Newport Beach, CA 92660

Subject: Letter of Compliance-No Further Action

Regarding: 1401 San Francisco Avenue, Long Beach, CA 90813 (the "Property")
Los Angeles County Recorded Application No. #1411-08C/APN:
7271-008-013 and a portion of 727-011-008

Dear Mr. Neuhoff:

This letter confirms the completion of site remedial action related to the lead-impacted soil located at the Property. The Property consists of an L-shaped parcel, approximately 3.5 acres in are (APN: 7271-008-013 and a portion of 7271-011-008).

The lead-impacted soil that was fully characterized between 2013 and 2015, was likely associated with fill debris from the 1933 Long Beach earthquake. The exact date of deposition is unknown. Lead was the only contaminant of concern at the Property and it has now been removed from the site.

The remedial action consisted of excavating approximately 44,000 cubic yards of lead-impacted soil and relocating it to the adjacent City of Long Beach owned parcel, Los Angeles County Recorded Application No.: #1411-08B. This parcel has been designated as the Area of Contamination (AOC) as per California Department of Toxic Substances Control's (DTSC) "Proven Technologies and Remedies (PT&R) Guidance, Remediation of Metals in Soils", dated August 29, 2008.

Remediation is complete per the *Site Remediation and Closure Report, "Yard Parcel"* of the *Former Long Beach Public Service Yard*, prepared by SCS Engineers, March 23, 2015. The Long Beach Department of Health and Human Serves has no further requirement, action or restriction related to the Property at this time.

Please note that this correspondence does not exempt San Francisco Yard LLC of any liability under the California Health and Safety Code or Water Code for past, present or future operations at the site address. Also, subject to the *Environmental Indemnity and Access Agreement* dated June 3, 2010, ownership maintains responsibility to correct any additional or previously unidentified conditions, which cause, or may thereafter cause pollution or nuisance, or otherwise pose a threat to water quality or public health.

A.P.N. (s) listed above are subject to change as per Los Angeles County Assessor's Office decision.

If you require additional information regarding this matter, you may contact Hazardous Materials Specialist, Carmen Piro at 562-570-4137.

Sincerely,

Nelson Kerr, R.E.H.S., M.P.A.
Bureau Manager
Bureau of Environmental Health

Cc: Carmen Piro-Hazmat Division, Bureau of Environmental Health
Mike Conway-City Manager, 333 West Ocean Blvd., 13th Floor, Long Beach, CA 90802
Kevin Green –SCS Engineers, 3900 Kilroy Airport Way, Suite 100, Long Beach, CA 90806
Ashley Hutchens-SCS Engineers, 3900 Kilroy Airport Way, Suite 100, Long Beach, CA 90806

CITY OF LONG BEACH

DEPARTMENT OF HEALTH AND HUMAN SERVICES

2525 GRAND AVENUE • LONG BEACH, CALIFORNIA 90815 • (562) 570-4000

July 11, 2012

Clark Neuhoff
San Francisco Yard LLC
100 Bayview Circle, Suite 310
Newport Beach, CA 92660

Regarding: 1725 San Francisco Avenue, Long Beach
(Parcel 7271-007-005/Southern Parcel)

Dear Mr. Neuhoff:

This letter confirms the completion of a site investigation related to the characterization of the soil at the former Long Beach City Public Service Yard, located at the above referenced location.

This letter specifically addresses the above referenced parcel and does not extend to other sections at the property.

Based on the Confirmation Sampling Report prepared by SCS Engineers, dated March 2, 2012, and with the provision that the information provided to this Agency was accurate and representative of site conditions, no further action is required.

Please note that this correspondence does not exempt you of any liability under the California Health and Safety Code or Water Code for past, present or future operations at the site address. Additionally, you maintain responsibility to correct any additional or previously unidentified conditions, which cause, or may thereafter cause, pollution or nuisance, or otherwise pose a threat to water quality or public health.

If you require additional information regarding this matter, you may contact Hazardous Materials Specialist, Carmen Piro at 562/570-4137

Sincerely,

Nelson Kerr, R.E.H.S., M.P.A.
Manager, Bureau of Environmental Health

cc: City of Long Beach Fire Prevention-Tim Buzbee
City of Long Beach Department of Public Works-Mike Conway. 333 West Ocean Blvd, 9th Floor, Long Beach, CA 90802
City of Long Beach Department of Development Services-Amy J. Bodeck. 333 West Ocean Blvd, 3rd Floor, Long Beach, CA 90802
City of Long Beach Department of Development Services/Building Bureau-Angela Reynolds. 333 West Ocean Blvd, 4th Floor, Long Beach, CA 90802
SCS Engineers-Kevin Green. 3900 Kilroy Way, Suite 100, Long Beach, CA 90806

CITY OF LONG BEACH

DEPARTMENT OF HEALTH AND HUMAN SERVICES

2525 GRAND AVENUE • LONG BEACH, CALIFORNIA 90815 • (562) 570-4000

July 11, 2012

Clark Neuhoff
San Francisco Yard LLC
100 Bayview Circle, Suite 310
Newport Beach, CA 92660

Regarding: 1725 San Francisco Avenue, Long Beach
(Parcel 7271-012-023/Northern Parcel)

Dear Mr. Neuhoff:

This letter confirms the completion of a site investigation related to the characterization of the soil at the former Long Beach City Public Service Yard, located at the above referenced location.

This letter specifically addresses the above referenced parcel and does not extend to other sections at the property.

Based on the Confirmation Sampling Report prepared by SCS Engineers, dated March 2, 2012, and with the provision that the information provided to this Agency was accurate and representative of site conditions, no further action is required.

Please note that this correspondence does not exempt you of any liability under the California Health and Safety Code or Water Code for past, present or future operations at the site address. Additionally, you maintain responsibility to correct any additional or previously unidentified conditions, which cause, or may thereafter cause, pollution or nuisance, or otherwise pose a threat to water quality or public health.

If you require additional information regarding this matter, you may contact Hazardous Materials Specialist, Carmen Piro at 562/570-4137

Sincerely,

Nelson Kerr, R.E.H.S., M.P.A.
Manager, Bureau of Environmental Health

Cc: City of Long Beach Fire Prevention-Tim Buzbee
City of Long Beach Department of Public Works-Mike Conway. 333 West Ocean Blvd, 9th Floor, Long Beach, CA 90802
City of Long Beach Department of Development Services-Amy J. Bodeck. 333 West Ocean Blvd, 3rd Floor, Long Beach, CA 90802
City of Long Beach Department of Development Services/Building Bureau-Angela Reynolds. 333 West Ocean Blvd, 4th Floor, Long Beach, CA 90802
SCS Engineers-Kevin Green. 3900 Kilroy Way, Suite 100, Long Beach, CA 90806

California Regional Water Quality Control Board
Los Angeles Region

320 West Fourth Street, Suite 200, Los Angeles, California 90013
(213) 576-6600 • FAX (213) 576-6640
http://www.waterboards.ca.gov/losangeles

Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

July 3, 2012

Ms. Carmen Piro
City of Long Beach
333 West Ocean Blvd.
Long Beach, CA 90802

UNDERGROUND STORAGE TANKS PROGRAM – CASE CLOSURE
PUBLIC SERVICE YARD (PRIORITY D-1 SITE)
1725 SAN FRANCISCO AVENUE, SITE 43, LONG BEACH (FILE NO. 908130607)

Dear Ms. Piro:

This letter confirms the completion of a site investigation and corrective action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground tank(s) site is in compliance with the requirements of subdivision (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

Please contact Mr. Noman Chowdhury at (213) 576-6704 or nchowdhury@waterboards.ca.gov if you have any questions regarding this matter.

Sincerely,

Samuel Unger

Samuel Unger, PE
Executive Officer

cc: Ms. Kathy Jundt, State Water Resources Control Board, UST Cleanup Fund
Ms. Phuong Ly, Water Replenishment District of Southern California
Mr. Richard Lavin, Los Angeles County, Department of Public Health, Environmental Health Division-Water & Sewage
Ms. Susan L Mearns, Mearns Consulting LLC
Mr. Matt Englhard, ALERE Property Group LLC

California Regional Water Quality Control Board
Los Angeles Region

Linda S. Adams
Acting Secretary for Environmental Protection

320 West Fourth Street, Suite 200, Los Angeles, California 90013
(213) 576-6600 • Fax (213) 576-6640
http://www.waterboards.ca.gov/losangeles

Edmund G. Brown, Jr.
Governor

July 6, 2011

Mr. Frank Neely
City of Long Beach, Fleet Services
2600 Temple Avenue
Long Beach, CA 90806

Underground Storage Tanks Program – Case Closure
Former Long Beach City Tow Yard
901 Anaheim Street West, Long Beach (Case No. 908130498) (Priority D-1 Site)

Dear Mr. Neely:

This letter confirms the completion of a site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground tank(s) site is in compliance with the requirements of subdivision (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code.

If you have groundwater monitoring wells at the subject site, you must comply with the following:

1. All wells must be properly located and abandoned.

2. Well abandonment permits and all other necessary permits must be obtained from the appropriate agencies prior to the start of work.

3. You must submit a report on the abandonment of the wells to this office by **October 30, 2011**. This report must include, at a minimum, a site map, a description of the well abandonment process, and copies of all signed permits.

If you have any questions regarding this matter, please contact Mr. Dave Bjostad at (213) 576-6712 or dbjostad@waterboards.ca.gov, or contact Dr. Weixing Tong at (213) 576-6715 or wtong@waterboards.ca.gov.

Sincerely,

Samuel Unger

Samuel Unger, P.E.
Executive Officer

cc: Kathy Jundt, State Water Resources Control Board, UST Cleanup Fund
Carmen Piro, City of Long Beach Department of Health and Human Services
Nancy Matsumoto, Water Replenishment District of Southern California
Clark Neuhoff, San Francisco Yard LLC, property owner (100 Bayview Circle, #310, Newport Beach, CA 92660)
Long Beach Redevelopment Agency, c/o Craig Justesen, Overland, Pacific & Cutler, Inc. (3750 Schaufele Ave., Suite 150, Long Beach, CA 90808)
Kevin Green, SCS Engineers

JOINT POWERS AGENCY
LONG BEACH/SIGNAL HILL
Unified Program Agency
2525 Grand Avenue • Long Beach, California 90815 • (562) 570-4131

SIGNAL HILL

RECEIVED
MAR 26 1999
FIRE PREVENTION

March 25, 1999

Mr. David McCarthy
Public Service Yard
1725 San Francisco Avenue
Long Beach, California 90813

Re: 1725 San Francisco Avenue, Long Beach

Dear Mr. McCarthy:

This letter confirms the completion of the removal of two (2) 10,000 gallon, one (1) 1,000 gallon and one (1) 500 gallon underground storage tank(s) formerly located at the above described location.

Based on the information in the above referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank removal is required.

This notice is issued pursuant to a regulation contained in Section 2721(e) of Title 23 of the California Code of Regulations.

Please contact me at 562/570-4128 if you have any questions regarding this matter.

Sincerely,

Jeff Benedict

Jeff Benedict, R.E.H.S., M.P.A.
Hazardous Waste Operations Officer

cc: Long Beach Fire Prevention Bureau
McLaren Hart, Inc.

sat let

APPENDIX F

EDR DATABASE REPORT

Former Long Beach Public Service Yard
San Francisco Ave/W Anaheim St
Long Beach, CA 90813

Inquiry Number: 04328849.2r
June 17, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	512
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-14
Physical Setting Source Map Findings	A-15
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2015 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SAN FRANCISCO AVE/W ANAHEIM ST
LONG BEACH, CA 90813

COORDINATES

Latitude (North):	33.7843000 - 33˚ 47' 3.48''
Longitude (West):	118.2038000 - 118˚ 12' 13.68''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	388545.8
UTM Y (Meters):	3738697.5
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	33118-G2 LONG BEACH (DIGITAL), CA
Most Recent Revision:	1964

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120505
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SAN FRANCISCO AVE/W ANAHEIM ST
LONG BEACH, CA 90813

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SIFTON A D	949 W ANAHEIM ST	EDR US Hist Auto Stat		TP
A2	CITY OF L.B. PUBLIC	1725 SAN FRANCISCO A	CA UST		TP
A3	CITY OF LONG BEACH T	901 W ANAHEIM ST	CA HAZNET		TP
A4	CITY OF LONG BEACH T	901 W ANAHEIM	CA HAZNET		TP
A5	CITY OF LONG BEACH	0929 W ANAHEIM ST	CA UST		TP
A6	VEHICLE TOW YARD	901 ANAHEIM ST W	CA RGA LUST		TP
A7	PUBLIC SERVICE YARD	1725 SAN FRANCISCO A	CA HIST CORTESE, CA LUST		TP
A8	LONG BEACH CITY TOW	901 ANAHEIM ST W	CA LUST		TP
A9	LONG BEACH CITY PUB	1601 SAN FRANCISCO A	RCRA-SQG, FINDS		TP
A10	VEHICLE TOW YARD	901 ANAHEIM	CA HIST CORTESE		TP
A11	LONG BEACH CITY TOW	901 ANAHEIM ST W	CA RGA LUST		TP
A12		901 W ANAHEIM ST	CA CDL		TP
A13	LONG BEACH TESTING L	1475 SAN FRANCISCO A	RCRA-SQG, FINDS		TP
A14	LONG BEACH FOOD BANK	1444 SAN FRANCISCO A	CA HIST UST	Lower	32, 0.006, East
A15	THE FOODBANK OF SOUT	1444 SAN FRANCISCO A	CA UST	Lower	32, 0.006, East
A16	LONG BEACH FOOD BANK	1444 SAN FRANCISCO	CA FID UST, CA SWEEPS UST	Lower	32, 0.006, East
A17	THE FOOD BANK OF SOU	1444 SAN FRANCISCO	CA HIST CORTESE, CA LUST	Lower	32, 0.006, East
B18	CITY TOW SERVICE & G	1630 SAN FRANCISCO	EDR US Hist Auto Stat	Higher	66, 0.013, North
B19	CITY TOW SERVICE & G	1630 S SAN FERNAND	EDR US Hist Auto Stat	Higher	66, 0.013, North
B20		1630 SAN FRANCISCO A	CA UST	Higher	66, 0.013, North
B21		1634 SAN FRANCISCO	EDR US Hist Auto Stat	Higher	75, 0.014, North
22		0824 W ANAHEIM ST	CA UST	Lower	77, 0.015, South
C23	SEVEN STRAND TACKLE	899 W COWLES ST	RCRA-SQG, FINDS, CA HAZNET	Lower	106, 0.020, NE
B24	LONG BEACH SEAFOODS	0845 W 16TH ST	CA UST	Higher	113, 0.021, NNE
D25	OCEAN BLUE ENVIRONME	925 W ESTHER ST	RCRA NonGen / NLR, PADS, FINDS	Higher	234, 0.044, North
D26	ALLWASTE SERVICES, I	925 W ESTHER ST	CA HAULERS, CA HWP, CA MWMP	Higher	234, 0.044, North
D27	OCEAN BLUE ENVIRONME	925 WEST ESTHER STRE	CA HWT	Higher	234, 0.044, North
B28	LONG BEACH SEAFOODS	0825 W 16TH ST	CA UST	Higher	235, 0.045, NNE
E29		0750 W ANAHEIM ST	CA UST	Lower	260, 0.049, SE
E30	CHEVRON #209725 (2 D	0725 W ANAHEIM ST	CA UST	Lower	285, 0.054, SE
F31	HARBOR DIESEL & EQUI	537 WEST ANAHEIM STR	RCRA-SQG, FINDS	Lower	317, 0.060, East
F32	HARBOR DIESEL & EQUI	0537 W ANAHEIM ST	CA HIST CORTESE, CA LUST, CA UST	Lower	317, 0.060, East
F33	CLARIANT CORP	801 W 14TH ST	CA AST	Lower	317, 0.060, East
F34	T R OIL SERVICES L O	801 WEST 14TH STREET	RCRA NonGen / NLR, FINDS, CA HIST CORTESE, CA...	Lower	317, 0.060, East
C35		812 W COWLES ST	EDR US Hist Auto Stat	Lower	318, 0.060, ENE
G36	BKK CORP	0800 W 15TH ST	CA HIST CORTESE, CA LUST, CA UST, CA HIST UST	Higher	358, 0.068, NE
G37	CHANCELLOR & OGDEN	800 W 15TH ST	RCRA NonGen / NLR, FINDS	Higher	358, 0.068, NE
G38	BKK CORPORATION/READ	800 WEST 15TH STREET	CA SLIC, CA HAZNET	Higher	358, 0.068, NE
G39	IT CORP-ROUTH TRANSP	800 15TH ST	RCRA NonGen / NLR, FINDS	Higher	362, 0.069, NE

MAPPED SITES SUMMARY

Target Property Address:
SAN FRANCISCO AVE/W ANAHEIM ST
LONG BEACH, CA 90813

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	BKK CORPORATION	800 W 015TH ST	CA FID UST, CA SWEEPS UST	Higher	362, 0.069, NE
H41	VACANT	0710 W ANAHEIM ST	CA UST	Lower	376, 0.071, SE
H42	ARAMARK UNIFORM & CA	702 W ANAHEIM ST	RCRA-LQG	Lower	376, 0.071, SE
H43	SOFT WATER LAUNDRY &	702 W ANAHEIM ST	EDR US Hist Cleaners	Lower	376, 0.071, SE
H44	ARATEX SERVICES (ARA	702 ANAHEIM	CA HIST CORTESE	Lower	376, 0.071, SE
H45	ARATEX SERVICES (ARA	702 ANAHEIM ST W	CA LUST, CA LOS ANGELES CO. HMS	Lower	376, 0.071, SE
H46	ARATEX SERVICES	702 ANAHEIM	CA SLIC	Lower	376, 0.071, SE
H47	AMERICAN BUFFALO INC	0702 W ANAHEIM ST	CA UST	Lower	376, 0.071, SE
I48	AIR PROD AND CHEM IN	901 W 12TH ST	CERC-NFRAP, RCRA-SQG, FINDS	Lower	392, 0.074, South
I49	LIZETTE CREATIONS	0950 W 12TH ST	CA UST	Lower	398, 0.075, South
J50	SEUSS C E	818 W 16TH ST	EDR US Hist Auto Stat	Higher	432, 0.082, NNE
J51	SCHAEFER PARSONS	812 W 16TH ST	EDR US Hist Cleaners	Higher	445, 0.084, NNE
52	GOODWILL INDUSTRIES	0800 W PACIFIC COAST	CA UST	Lower	447, 0.085, NNE
D53	RILEY MARINE PRODUCT	0840 W ESTHER ST	CA UST	Lower	479, 0.091, NNE
I54	CALIF. GLASS DIST	790 W 012TH ST LONG	CA FID UST, CA SWEEPS UST	Lower	493, 0.093, SSE
G55	MESA ENVIRONMENTAL S	721 W 15TH ST	RCRA NonGen / NLR, FINDS	Higher	504, 0.095, NE
I56	FILE ONLY - CAL PACI	0790 W 12TH ST	CA UST	Lower	504, 0.095, SSE
57	CALIF. GLASS DIST.	790 W. 12TH ST. LONG	CA HIST UST	Lower	507, 0.096, SSE
K58	WESTERN ELECTROPLATI	820 WEST ESTHER STRE	CA ENVIROSTOR	Lower	537, 0.102, NNE
K59		0820 W ESTHER ST	CA UST	Lower	537, 0.102, NNE
K60	WESTERN ELECTROPLATI	820 W ESTHER ST	CERC-NFRAP, RCRA NonGen / NLR	Lower	537, 0.102, NNE
K61	WESTERN ELECTROPLATI	840 W ESTHER ST	FINDS, CA HIST UST, CA HAZNET	Lower	566, 0.107, NNE
F62		740 W 14TH ST	EDR US Hist Auto Stat	Lower	581, 0.110, ESE
L63		0741 W 17TH ST	CA UST	Higher	582, 0.110, NNE
L64	THOMPSON FAMILY TRUS	741 WEST 17 TH STREE	CA SLIC	Higher	582, 0.110, NNE
L65	THOMPSON FAMILY TRUS	741 W 17TH ST	RCRA-SQG, CA HAZNET	Higher	582, 0.110, NNE
M66	METROPOLITAN CHEMICA	0733 W 14TH ST	CA UST	Lower	598, 0.113, ESE
N67	ELLIS PAINT CO	1200 OREGON AVE	RCRA-SQG, FINDS, CA HAZNET	Lower	599, 0.113, SE
M68	ENVIRONMENTAL SERVS	716 W 14TH ST	RCRA NonGen / NLR, FINDS	Lower	631, 0.120, ESE
J69	PACIFIC X-RAY CO	0711 W 16TH ST	CA UST	Higher	642, 0.122, NE
J70	WARD BARKER INC	707 W 16TH ST	RCRA-SQG, PADS	Higher	654, 0.124, NE
J71	CHUCKS ELECTRONIC	707 W 16TH ST	CA FID UST, CA SWEEPS UST	Higher	654, 0.124, NE
J72	R G STEPHENS ENGINEE	0707 W 16TH ST	CA UST	Higher	654, 0.124, NE
J73	WARD-DEKAY TRANSPORT	707 W 16TH ST	RCRA NonGen / NLR	Higher	654, 0.124, NE
O74	HENDERSON & COMPANY	0703 W COWLES ST	CA UST	Higher	660, 0.125, ENE
O75		1451 OREGON AVE	CA UST	Higher	681, 0.129, ENE
N76	ELLIS FAMILY TRUST	718 ANAHEIM	CA SLIC	Lower	685, 0.130, SE
N77	DOUGLAS ROBINSON PRO	718 ANAHEIM	CA HIST CORTESE	Lower	685, 0.130, SE
N78	WEST COAST CHOPPERS	718 ANAHEIM ST W	CA LUST, CA ENF	Lower	685, 0.130, SE

MAPPED SITES SUMMARY

Target Property Address:
SAN FRANCISCO AVE/W ANAHEIM ST
LONG BEACH, CA 90813

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
P79	LOEM'S SPORTS WEAR	1501 OREGON AVE	CA UST	Lower	685, 0.130, NE
L80	CITY TOW SERVICE	704 W 17TH ST	RCRA NonGen / NLR, FINDS, CA HAZNET	Higher	687, 0.130, NNE
M81	NOVA TECHNO CORPORAT	1368 OREGON AVE	CA SWEEPS UST	Lower	687, 0.130, ESE
M82	NOVA TECHNO CORPORAT	1368 OREGON AVENUE	RCRA-LQG	Lower	687, 0.130, ESE
M83	NOVA TECHNO CORP	1368 OREGON AVE	CA NPDES, CA FID UST, CA SLIC, CA UST, CA HIST UST	Lower	687, 0.130, ESE
M84	CARAVAN MANUFACTURIN	1424 OREGON AVE	CA UST	Higher	690, 0.131, East
L85		0700 W 17TH ST	CA UST	Higher	699, 0.132, NNE
N86	ARATEX SERVICES INC	702 WEST ANAHEIM STR	CA SLIC, CA HAZNET	Lower	714, 0.135, SE
L87	DAISY SUBSTATION	1700 OREGON ST	RCRA-SQG, FINDS	Higher	725, 0.137, NNE
N88	SOFT WATER LAUNDRY &	702 W ANAHEIM	EDR US Hist Cleaners	Lower	737, 0.140, SE
P89	BOLA CHEMICALS	1524 OREGON AVE	RCRA-SQG, FINDS	Lower	747, 0.141, NE
O90	DYNATRON ELECTRIC CO	1492 OREGON AVE	CA UST	Lower	776, 0.147, ENE
91	PUBLIC SERVICE TRANS	E. SIDE 710MHWY -BTW	CA SWF/LF	Higher	786, 0.149, NW
K92		0730 W ESTHER ST	CA UST	Lower	790, 0.150, NNE
Q93		739 W PACIFIC COAST	EDR US Hist Auto Stat	Lower	793, 0.150, NNE
Q94	RELIABLE CLEANERS &	733 W PACIFIC COAS	EDR US Hist Cleaners	Lower	806, 0.153, NNE
Q95	RELIABLE CLEANERS &	733 W PACIFIC COAS	EDR US Hist Cleaners	Lower	812, 0.154, NNE
Q96		0700 W PACIFIC COAST	CA UST	Lower	827, 0.157, NNE
O97		666 W COWLES ST	EDR US Hist Auto Stat	Higher	853, 0.162, ENE
O98	AIR CARGO (NOT PREVI	0665 W COWLES ST #3	CA UST	Higher	862, 0.163, ENE
99	V & S TRANSPORTATION	1100 DE FOREST AVE	CA UST	Lower	922, 0.175, South
P100	BOYD INDUSTRIAL COAT	651 W 15TH ST	RCRA-SQG, FINDS, CA HAZNET	Lower	929, 0.176, ENE
P101		651 W 15TH ST	EDR US Hist Auto Stat	Lower	929, 0.176, ENE
R102	BRYANT S AUTO RE CON	689 W ESTHER ST	EDR US Hist Auto Stat	Lower	932, 0.177, NNE
O103	DOUGLAS PRODUCE	648 COWLES ST	CA HIST CORTESE, CA LUST	Higher	939, 0.178, East
O104		648 W COWLES ST	EDR US Hist Auto Stat	Higher	939, 0.178, East
S105	CALIFORNIA REFRIGERA	625 W ANAHEIM ST	FTTS, HIST FTTS, CA UST	Lower	953, 0.180, ESE
S106	LONG BEACH COLD STOR	625 WEST ANAHEIM STR	CERCLIS	Lower	953, 0.180, ESE
P107		0640 W 15TH ST	CA UST	Lower	975, 0.185, ENE
T108	VACANT	0640 W 16TH ST	CA UST	Higher	978, 0.185, NE
U109	SUN HARDWARE CO, INC	635 W 15TH ST	CA DRYCLEANERS	Lower	1003, 0.190, ENE
Q110	JACK'S MOBIL SERVICE	701 W PACIFIC COAST	EDR US Hist Auto Stat	Lower	1007, 0.191, NNE
Q111		0701 W PACIFIC COAST	CA UST	Lower	1007, 0.191, NNE
Q112	WISDOM S MOBIL SERVI	701 W PACIFIC COAS	EDR US Hist Auto Stat	Lower	1012, 0.192, NNE
Q113	LA MIRAGE INN	701 PACIFIC COAST HW	CA HIST CORTESE, CA LUST	Lower	1012, 0.192, NNE
U114	VACANT	0600 W 15TH ST	CA UST	Lower	1018, 0.193, ENE
U115	AIR CARGO EQUIPMENT	600 W 15TH ST	RCRA-SQG, FINDS, CA FID UST, CA HIST UST, CA...	Lower	1018, 0.193, ENE
Q116	SO CAL COASTAL WATER	646 W PACIFIC COAST	RCRA-SQG, FINDS, CA HAZNET	Lower	1056, 0.200, NNE
R117		0653 W ESTHER ST	CA UST	Lower	1074, 0.203, NNE

MAPPED SITES SUMMARY

Target Property Address:
SAN FRANCISCO AVE/W ANAHEIM ST
LONG BEACH, CA 90813

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
R118		0650 W ESTHER ST	CA UST	Lower	1078, 0.204, NNE
V119	ASSOCIATED BREWERS D	615 017TH ST W	CA HIST CORTESE, CA LUST	Lower	1083, 0.205, NE
R120		646 W ESTHER ST	EDR US Hist Auto Stat	Lower	1094, 0.207, NE
R121	BRYANT S AUTO RE-CON	639 W ESTHER ST	EDR US Hist Auto Stat	Lower	1097, 0.208, NNE
R122	MEADOWS ROOFING	0645 W ESTHER ST	CA UST	Lower	1107, 0.210, NE
V123	VACANT	0615 W 17TH ST	CA UST	Lower	1119, 0.212, NE
W124	SPICK & SPAN LAUNDRY	609 COWLES	EDR US Hist Cleaners	Lower	1133, 0.215, East
X125	NEILL AIRCRAFT CO.	1227 W COWLES ST	CA UST	Lower	1136, 0.215, West
X126	JERRY & KATHLEEN GLI	1234 COWLES ST	CA FID UST, CA SWEEPS UST	Lower	1157, 0.219, West
X127	SPEEDY FUEL, INC.	1234 COWLES ST W	CA LUST	Lower	1157, 0.219, West
X128	MICOR LONG BEACH LLC	1234 W COWLES ST	CA UST	Lower	1159, 0.220, West
X129		1234 W COWLES ST	EDR US Hist Auto Stat	Lower	1159, 0.220, West
X130	MICOR ENERGY LLC	1234 COWLES	CA HIST CORTESE	Lower	1159, 0.220, West
Y131		0602 W ANAHEIM ST	CA UST	Higher	1164, 0.220, ESE
Y132	UHL AUTO REPAIR	602 W ANAHEIM ST	EDR US Hist Auto Stat	Higher	1164, 0.220, ESE
Z133	QUAN LEE	630 W PACIFIC COAS	EDR US Hist Cleaners	Lower	1166, 0.221, NNE
Z134	QUAN LEE LAUNDRY	630 W PACIFIC COAS	EDR US Hist Cleaners	Lower	1174, 0.222, NNE
R135		629 W ESTHER ST	EDR US Hist Auto Stat	Lower	1174, 0.222, NE
W136		1433 DAISY AVE	EDR US Hist Auto Stat	Higher	1175, 0.223, East
W137	LONG BEACH BLUEPRINT	1435 DAISY AVE	CA UST	Higher	1175, 0.223, East
U138	R & M ENTERPRISES	1501 DAISY AVE	CA HIST CORTESE, CA LUST	Lower	1175, 0.223, ENE
U139	H&S IRON WORKS	1501 DAISY AVE	CA UST	Lower	1175, 0.223, ENE
S140	HAMASAKI K	600 W 14TH ST	EDR US Hist Auto Stat	Higher	1179, 0.223, East
S141	BUCHANAN W O	1318 DAISY AV	EDR US Hist Auto Stat	Higher	1179, 0.223, ESE
S142	SQUARE DEAL AUTO REP	1324 DAISY AV	EDR US Hist Auto Stat	Higher	1180, 0.223, ESE
X143	GAYLORD INSPECTION L	1243 W COWLES	RCRA NonGen / NLR, FINDS	Lower	1182, 0.224, West
S144	MARINE GLASS CO	1350 DAISY AVE	CA UST	Higher	1182, 0.224, ESE
W145		1450 DAISY AVE	CA UST	Lower	1183, 0.224, East
U146		1500 DAISY AVE	CA UST	Lower	1184, 0.224, ENE
S147	FAULDS WM	1388 DAISY AVE	EDR US Hist Auto Stat	Higher	1185, 0.224, ESE
S148	CLEAN RITE LAUNDRY	1388 DAISY AV	EDR US Hist Cleaners	Higher	1185, 0.224, ESE
V149		1645 DAISY AVE	CA UST	Lower	1185, 0.224, NE
150	NEAL FASHION	1402 DAISY AVE	CA UST	Higher	1186, 0.225, East
T151		1600 DAISY AVE	CA UST	Higher	1192, 0.226, NE
V152	R & M PLATING COMPAN	1640 DAISY STREET	RCRA-LQG, FINDS	Lower	1192, 0.226, NE
V153	R & M PLATING COMPAN	1640 DAISY STREET	RCRA-SQG, CA HIST UST	Lower	1192, 0.226, NE
V154	FINE QUALITY METAL F	1640 DAISY AVENUE	RCRA-LQG	Lower	1192, 0.226, NE
Y155		551 W ANAHEIM ST	EDR US Hist Auto Stat	Higher	1196, 0.227, ESE
Y156	FINGADO'S MOBIL SERV	551 W ANAHEIM	EDR US Hist Auto Stat	Higher	1196, 0.227, ESE

MAPPED SITES SUMMARY

Target Property Address:
SAN FRANCISCO AVE/W ANAHEIM ST
LONG BEACH, CA 90813

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Y157	EXXONMOBIL OIL CORP	551 WEST ANAHEIM ST	RCRA-LQG	Higher	1196, 0.227, ESE
Y158	SMITH BROTHERS AUTO	0551 W ANAHEIM ST	CA UST	Higher	1196, 0.227, ESE
AA159		623 W ESTHER ST	EDR US Hist Auto Stat	Lower	1199, 0.227, NE
AA160		621 W ESTHER ST	EDR US Hist Auto Stat	Lower	1208, 0.229, NE
Y161	FIRE STATION 3	1222 DAISY AVE	CA UST	Higher	1235, 0.234, SE
AB162	NEILL AIRCRAFT INC	1260 W 15TH ST	CA UST	Lower	1238, 0.234, WNW
AB163	NEILL AIRCRAFT COMPA	1260 W 15TH STREET	RCRA-SQG, FINDS, CA LUST	Lower	1238, 0.234, WNW
AC164	BT EQUIPMENT CO	1255 W 17TH ST	CA NPDES, CA HIST UST	Lower	1258, 0.238, NW
AC165	BERNS CO	1255 W 17TH ST	CA UST	Lower	1258, 0.238, NW
AC166	B-T EQUIPMENT CO INC	1259 W 17TH ST	RCRA-SQG, FINDS	Lower	1267, 0.240, NW
AD167	ORGANIC COMPOUNDS IN	1265 W 16TH ST	CERC-NFRAP	Lower	1267, 0.240, NW
AD168	ORGANIC COMPOUNDS IN	1265 W 16TH ST	CA UST	Lower	1267, 0.240, NW
AD169	SNEED JOHN J	1265 W 16TH ST	EDR US Hist Auto Stat	Lower	1267, 0.240, NW
AA170		1745 DAISY AVE	EDR US Hist Auto Stat	Lower	1279, 0.242, NE
AC171	D & S LAUNDERALL SER	1265 W 17TH ST	EDR US Hist Cleaners	Lower	1280, 0.242, NW
Z172	ZIMMERMAN S.	600 W PACIFIC COAS	EDR US Hist Auto Stat	Lower	1297, 0.246, NNE
Z173	ZIMMERMAN S.	600 W PACIFIC COAS	EDR US Hist Auto Stat	Lower	1297, 0.246, NNE
Z174	GULF OIL SERVICE STA	600 W PAC COAST HIGH	EDR US Hist Auto Stat	Lower	1297, 0.246, NNE
175		1020 DE FOREST AVE	CA UST	Lower	1309, 0.248, South
AC176	MCMULLEN OIL CO.	1651 FASHION AVE.	CA LUST	Lower	1367, 0.259, NW
AC177	ACME OIL CO (MCMULLE	1651 FASHION AVE.	CA LUST	Lower	1367, 0.259, NW
Y178	EXXONMOBIL 99LBC	551 WEST ANAHEIM STR	CA LUST	Higher	1374, 0.260, ESE
AD179	ACME OIL CO (MCMULLE	1305 016TH	CA HIST CORTESE	Lower	1447, 0.274, NW
AC180	HYDRO SERVICES CO	1322 17TH ST	RCRA-SQG, FINDS, CA HIST CORTESE, CA UST	Lower	1485, 0.281, NW
181	SHELL #204-4482-7503	500 ANAHEIM ST.	CA LUST	Higher	1561, 0.296, ESE
182	DIAMOND U PRODUCTS,	1429 MAGNOLIA AVE	CA HIST CORTESE, CA LUST	Higher	1563, 0.296, East
AE183	CAMPBELL CONTOUR ATT	1320 W ESTHER ST	CERC-NFRAP	Lower	1564, 0.296, NW
AE184	MARINE HARDWARE CO	1322 017TH ST W	CA LUST	Lower	1585, 0.300, NW
AF185	BULK TERMINAL	960 DE FOREST AVE	CA HIST CORTESE, CA LUST, CA SLIC	Higher	1606, 0.304, South
AF186	CHARTER INTL OIL TRA	960 DEFOREST AVE	CERC-NFRAP, RCRA-LQG	Higher	1606, 0.304, South
AG187	NATIONAL PLANT SERVI	1364 W 16TH ST	CA HIST CORTESE, CA HIST UST	Lower	1690, 0.320, WNW
AG188	NATIONAL PLANT SERVI	1364 016TH ST W	CA LUST	Lower	1721, 0.326, WNW
AH189	GEORGE MITCHEL	1326 012TH ST W	CA HIST CORTESE, CA LUST	Lower	1732, 0.328, WSW
AH190	GOODYEAR	1350 12TH	CA HIST CORTESE	Lower	1780, 0.337, WSW
AI191	FORMER ROCKET STATIO	465 PACIFIC COAST HW	CA LUST	Lower	1839, 0.348, NE
AI192	ROCKET #6	465 PACIFIC COAST	CA HIST CORTESE	Lower	1839, 0.348, NE
AJ193	UNOCAL #5021	1345 PACIFIC COAST H	CA LUST	Lower	1854, 0.351, NW
AG194	BRANNEN PIPE & SUPPL	1650 HARBOR AVE	CA HIST CORTESE, CA LUST, CA HIST UST	Lower	1867, 0.354, WNW
AG195	BRANNEN PIPE & SUPPL	1650 HARBOR BLVD	CA LUST	Lower	1867, 0.354, WNW

MAPPED SITES SUMMARY

Target Property Address:
SAN FRANCISCO AVE/W ANAHEIM ST
LONG BEACH, CA 90813

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AJ196	TOSCO - 76 STATION #	1410 PACIFIC COAST H	CA LUST	Lower	1942, 0.368, NW
AJ197	76 PRODUCTS STATION	1410 PACIFIC COAST	CA HIST CORTESE	Lower	1942, 0.368, NW
198	SANTA FE PACIFIC PIP	DE FOREST AVE	CA HIST CORTESE, CA LUST	Lower	2004, 0.380, South
199	RUSSELL TRUCK COMPAN	1430 011TH ST W	CA HIST CORTESE, CA LUST	Lower	2083, 0.395, WSW
200	TIDELANDS OIL	1348 WEST NINTH ST	CA SLIC	Higher	2136, 0.405, SW
AK201	MTA DIV. 12	970 CHESTER PL W.	CA LUST	Lower	2143, 0.406, South
AK202	LA CO., METROPOLITAN	970 W CHESTER PL	CA SLIC, CA EMI, CA WDS	Lower	2144, 0.406, South
203	I-CHEM INTERNATIONAL	1455 16TH ST. W.	CA LUST	Lower	2149, 0.407, WNW
AL204	FORMER COMMERCIAL TR	1468 14TH ST W	CA LUST	Lower	2218, 0.420, West
AL205	COMMERCIAL TRUCK BOD	1468 014TH	CA HIST CORTESE, CA LUST	Lower	2284, 0.433, West
AM206	TIDELAND OIL	1348 009TH	CA SLIC	Lower	2322, 0.440, SW
207	CASTLE CAR WASH	1500 PACIFIC COAST H	CA HIST CORTESE, CA LUST	Lower	2390, 0.453, NW
AN208	PRINT L.A. INC.	1520 016TH ST W	CA LUST	Lower	2472, 0.468, WNW
209	EAGLE INDUSTRIES (IL	1517 W ESTHER ST	CA LUST, CA UST	Lower	2478, 0.469, WNW
AM210	SULLIVAN CHEM CO INC	1470 W 9TH ST	CERC-NFRAP	Lower	2506, 0.475, SW
AO211	TRANS WORLD OIL CORP	1532 ANAHEIM ST W	CA LUST	Lower	2534, 0.480, WSW
AP212	SNYDER MFG CORPORATI	1541 COWLES	CA HIST CORTESE, LA Co. Site Mitigation	Lower	2576, 0.488, West
213	ARCO MARINE TERMINAL	1300 PIER B	CA NPDES, CA SLIC, CA CHMIRS, CA ENF	Lower	2578, 0.488, SW
AP214	SNYDER MFG CORP	1541 W COWLES ST	CERC-NFRAP, CA ENVIROSTOR	Lower	2582, 0.489, West
AO215	CAL BUMPER CO INC	1555 W ANAHEIM ST	CA EMI, CA ENVIROSTOR, CA WDS	Lower	2692, 0.510, West
AN216	DION & SONS INC	1569 016TH ST W	CA HIST CORTESE, CA LUST, CA EMI, CA ENVIROSTOR	Lower	2721, 0.515, WNW
217	ANAHEIM STREET SCHOO	ANAHEIM STREET/PACIF	CA SCH, CA ENVIROSTOR	Higher	2895, 0.548, ESE
218	CALBLASCO INC	1620 WEST 16TH STREE	CA ENVIROSTOR	Lower	2980, 0.564, WNW
AQ219	CROSBY & OVERTON	1610 W 17TH STREET	RCRA-TSDF, CERC-NFRAP, CORRACTS, RCRA-LQG, FTTS,..	Lower	3034, 0.575, WNW
AQ220	CROSBY & OVERTON PLA	1630 W 17TH ST	CA NPDES, CA ENVIROSTOR, CA WDS	Lower	3034, 0.575, WNW
221	LONG BEACH PLATING C	1620 WEST ANAHEIM ST	CA EMI, CA ENVIROSTOR	Lower	3041, 0.576, WSW
222	LBUSD CABRILLO	2001 SANTA FE AVE	RCRA-SQG, FINDS, CA SCH, CA NPDES, CA ENVIROSTOR	Higher	3682, 0.697, NW
223	QUALITY ALUMINUM FOR	1411 COTA AVE.	CA ENVIROSTOR	Lower	3715, 0.704, West
224	1710 PIER B STREET	1710 PIER B STREET	CA NPDES, CA VCP, CA EMI, CA ENVIROSTOR	Lower	4318, 0.818, WSW
AR225	EDISON/LONG BEACH MG	LG BEACH AREA, 8TH I	EDR MGP	Lower	4701, 0.890, WSW
AR226	EDISON/LONG BEACH II	LG BCH HARBOR AREA,	CA VCP, CA ENVIROSTOR	Lower	4786, 0.906, WSW
227	BEAR STATE ELECTRICA	2105 WEST COWLES STR	CA ENVIROSTOR	Lower	4806, 0.910, West
228	PETRO DIAMOND MARINE	1920 LUGGER WAY	CA NPDES, CA HIST CORTESE, CA LUST, CA ENF, CA...	Higher	5043, 0.955, WSW
229	ROOSEVELT ELEMENTARY	1574 LINDEN AVENUE	CA SCH, CA NPDES, CA ENVIROSTOR	Higher	5245, 0.993, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SIFTON A D 949 W ANAHEIM ST LONG BEACH, CA	EDR US Hist Auto Stat	N/A
CITY OF L.B. PUBLIC 1725 SAN FRANCISCO A LONG BEACH, CA	CA UST	N/A
CITY OF LONG BEACH T 901 W ANAHEIM ST LONG BEACH, CA 90813	CA HAZNET GEPAID: CAL000080247	N/A
CITY OF LONG BEACH T 901 W ANAHEIM LONG BEACH, CA 90813	CA HAZNET GEPAID: CAL000036475	N/A
CITY OF LONG BEACH 0929 W ANAHEIM ST LONG BEACH, CA	CA UST	N/A
VEHICLE TOW YARD 901 ANAHEIM ST W LONG BEACH, CA	CA RGA LUST	N/A
PUBLIC SERVICE YARD 1725 SAN FRANCISCO A LONG BEACH, CA 90813	CA HIST CORTESE Reg Id: 908130607 CA LUST Global Id: T0603701971 Global ID: T0603701971 Status: Completed - Case Closed Facility Id: 908130607 Status: Preliminary site assessment underway	N/A
LONG BEACH CITY TOW 901 ANAHEIM ST W LONG BEACH, CA 90813	CA LUST Global Id: T0603701960 Global ID: T0603701960 Status: Completed - Case Closed Facility Id: 908130498 Status: Preliminary site assessment workplan submitted	N/A
LONG BEACH CITY PUB 1601 SAN FRANCISCO A LONG BEACH, CA 90813	RCRA-SQG EPA ID:: CAD981632235 FINDS Registry ID:: 110013829474	CAD981632235

VEHICLE TOW YARD 901 ANAHEIM LONG BEACH, CA	CA HIST CORTESE Reg Id: 908130498	N/A
LONG BEACH CITY TOW 901 ANAHEIM ST W LONG BEACH, CA	CA RGA LUST	N/A
901 W ANAHEIM ST 901 W ANAHEIM ST LONG BEACH, CA 90813	CA CDL Facility Id: 200001003 Facility Id: 199903127	N/A
LONG BEACH TESTING L 1475 SAN FRANCISCO A LONG BEACH, CA 90813	RCRA-SQG EPA ID:: CAD981972201 FINDS Registry ID:: 110002760502	CAD981972201

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA generators list

RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent NPL

CA RESPONSE ..... State Response Sites

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
CA SWRCY ..... Recycler Database
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
CA WMUDS/SWAT ..... Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
CA HIST Cal-Sites ..... Historical Calsites Database
CA Toxic Pits ..... Toxic Pits Cleanup Act Sites
CA AOCONCERN ..... San Gabriel Valley Areas of Concern
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
CA LIENS ..... Environmental Liens Listing
CA DEED ..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System

CA LDS ..... Land Disposal Sites Listing
CA MCS ..... Military Cleanup Sites Listing
CA SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
US MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
SSTS ..... Section 7 Tracking Systems
ICIS ..... Integrated Compliance Information System
MLTS ..... Material Licensing Tracking System
RADINFO ..... Radiation Information Database
RAATS ..... RCRA Administrative Action Tracking System
RMP ..... Risk Management Plans
CA BOND EXP. PLAN ..... Bond Expenditure Plan
CA UIC ..... UIC Listing
CA Cortese ..... "Cortese" Hazardous Waste & Substances Sites List
CA CUPA Listings ..... CUPA Resources List
CA Notify 65 ..... Proposition 65 Records
CA WIP ..... Well Investigation Program Case List
INDIAN RESERV ..... Indian Reservations
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
CA Financial Assurance ..... Financial Assurance Information Listing
CA PROC ..... Certified Processors Database
LEAD SMELTERS ..... Lead Smelter Sites
US AIRS ..... Aerometric Information Retrieval System Facility Subsystem
EPA WATCH LIST ..... EPA WATCH LIST
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database
COAL ASH DOE ..... Steam-Electric Plant Operation Data
PRP ..... Potentially Responsible Parties

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF ..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LONG BEACH COLD STOR	625 WEST ANAHEIM STR	ESE 1/8 - 1/4 (0.180 mi.)	S106	122

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there are 7 CERC-NFRAP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHARTER INTL OIL TRA	***960 DEFOREST AVE***	***S 1/4 - 1/2 (0.304 mi.)***	***AF186***	***201***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AIR PROD AND CHEM IN	***901 W 12TH ST***	***S 0 - 1/8 (0.074 mi.)***	***I48***	***66***
WESTERN ELECTROPLATI	***820 W ESTHER ST***	***NNE 0 - 1/8 (0.102 mi.)***	***K60***	***73***
ORGANIC COMPOUNDS IN	1265 W 16TH ST	NW 1/8 - 1/4 (0.240 mi.)	AD167	177
CAMPBELL CONTOUR ATT	1320 W ESTHER ST	NW 1/4 - 1/2 (0.296 mi.)	AE183	193
SULLIVAN CHEM CO INC	1470 W 9TH ST	SW 1/4 - 1/2 (0.475 mi.)	AM210	269
SNYDER MFG CORP	***1541 W COWLES ST***	***W 1/4 - 1/2 (0.489 mi.)***	***AP214***	***280***

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/10/2015 has revealed that there is 1

CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CROSBY & OVERTON	***1610 W 17TH STREET***	***WNW 1/2 - 1 (0.575 mi.)***	***AQ219***	***295***

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/10/2015 has revealed that there are 5 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EXXONMOBIL OIL CORP	551 WEST ANAHEIM ST	ESE 1/8 - 1/4 (0.227 mi.)	Y157	162

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARAMARK UNIFORM & CA	702 W ANAHEIM ST	SE 0 - 1/8 (0.071 mi.)	H42	58
NOVA TECHNO CORPORAT	1368 OREGON AVENUE	ESE 1/8 - 1/4 (0.130 mi.)	M82	99
R & M PLATING COMPAN	***1640 DAISY STREET***	***NE 1/8 - 1/4 (0.226 mi.)***	***V152***	***153***
FINE QUALITY METAL F	1640 DAISY AVENUE	NE 1/8 - 1/4 (0.226 mi.)	V154	157

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/10/2015 has revealed that there are 14 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THOMPSON FAMILY TRUS	***741 W 17TH ST***	***NNE 0 - 1/8 (0.110 mi.)***	***L65***	***78***
WARD BARKER INC	***707 W 16TH ST***	***NE 0 - 1/8 (0.124 mi.)***	***J70***	***86***
DAISY SUBSTATION	***1700 OREGON ST***	***NNE 1/8 - 1/4 (0.137 mi.)***	***L87***	***105***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SEVEN STRAND TACKLE	***899 W COWLES ST***	***NE 0 - 1/8 (0.020 mi.)***	***C23***	***28***
HARBOR DIESEL & EQUI	***537 WEST ANAHEIM STR***	***E 0 - 1/8 (0.060 mi.)***	***F31***	***36***
AIR PROD AND CHEM IN	***901 W 12TH ST***	***S 0 - 1/8 (0.074 mi.)***	***I48***	***66***
ELLIS PAINT CO	***1200 OREGON AVE***	***SE 0 - 1/8 (0.113 mi.)***	***N67***	***80***
BOLA CHEMICALS	***1524 OREGON AVE***	***NE 1/8 - 1/4 (0.141 mi.)***	***P89***	***107***
BOYD INDUSTRIAL COAT	***651 W 15TH ST***	***ENE 1/8 - 1/4 (0.176 mi.)***	***P100***	***112***
AIR CARGO EQUIPMENT	***600 W 15TH ST***	***ENE 1/8 - 1/4 (0.193 mi.)***	***U115***	***128***
SO CAL COASTAL WATER	***646 W PACIFIC COAST***	***NNE 1/8 - 1/4 (0.200 mi.)***	***Q116***	***131***
R & M PLATING COMPAN	***1640 DAISY STREET***	***NE 1/8 - 1/4 (0.226 mi.)***	***V153***	***156***
NEILL AIRCRAFT COMPA	***1260 W 15TH STREET***	***WNW 1/8 - 1/4 (0.234 mi.)***	***AB163***	***165***

Lower Elevation	Address	Direction / Distance	Map ID	Page
B-T EQUIPMENT CO INC	***1259 W 17TH ST***	***NW 1/8 - 1/4 (0.240 mi.)***	***AC166***	***175***

State- and tribal - equivalent CERCLIS

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 05/04/2015 has revealed that there are 15 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ANAHEIM STREET SCHOO Facility Id: 19550025 Status: Inactive - Needs Evaluation	***ANAHEIM STREET/PACIF***	***ESE 1/2 - 1 (0.548 mi.)***	***217***	***291***
LBUSD CABRILLO Facility Id: 19010025 Status: No Further Action	***2001 SANTA FE AVE***	***NW 1/2 - 1 (0.697 mi.)***	***222***	***452***
PETRO DIAMOND MARINE Facility Id: 71002369 Status: Refer: Other Agency	***1920 LUGGER WAY***	***WSW 1/2 - 1 (0.955 mi.)***	***228***	***489***
ROOSEVELT ELEMENTARY Facility Id: 60001492 Status: No Further Action	***1574 LINDEN AVENUE***	***E 1/2 - 1 (0.993 mi.)***	***229***	***504***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN ELECTROPLATI Facility Id: 19340289 Status: Refer: Other Agency	820 WEST ESTHER STRE	NNE 0 - 1/8 (0.102 mi.)	K58	72
SNYDER MFG CORP Facility Id: 19280503 Status: Refer: Other Agency	***1541 W COWLES ST***	***W 1/4 - 1/2 (0.489 mi.)***	***AP214***	***280***
CAL BUMPER CO INC Facility Id: 71002353 Status: Refer: Other Agency	***1555 W ANAHEIM ST***	***W 1/2 - 1 (0.510 mi.)***	***AO215***	***282***
DION & SONS INC Facility Id: 19290263 Status: Refer: RWQCB	***1569 016TH ST W***	***WNW 1/2 - 1 (0.515 mi.)***	***AN216***	***285***
CALBLASCO INC Facility Id: 19350398 Status: Refer: RCRA	1620 WEST 16TH STREE	WNW 1/2 - 1 (0.564 mi.)	218	293

Lower Elevation	Address	Direction / Distance	Map ID	Page
CROSBY & OVERTON PLA Facility Id: 80001355 Status: Active	***1630 W 17TH ST***	***WNW 1/2 - 1 (0.575 mi.)***	***AQ220***	***445***
LONG BEACH PLATING C Facility Id: 71002202 Status: Refer: Other Agency	***1620 WEST ANAHEIM ST***	***WSW 1/2 - 1 (0.576 mi.)***	***221***	***451***
QUALITY ALUMINUM FOR Facility Id: 71002791 Status: Refer: Other Agency	1411 COTA AVE.	W 1/2 - 1 (0.704 mi.)	223	460
1710 PIER B STREET Facility Id: 19290290 Status: Active	***1710 PIER B STREET***	***WSW 1/2 - 1 (0.818 mi.)***	***224***	***461***
EDISON/LONG BEACH II Facility Id: 19490233 Status: Certified / Operation & Maintenance	***LG BCH HARBOR AREA,***	***WSW 1/2 - 1 (0.906 mi.)***	***AR226***	***481***
BEAR STATE ELECTRICA Facility Id: 19360096 Status: Refer: Other Agency	2105 WEST COWLES STR	W 1/2 - 1 (0.910 mi.)	227	488

State and tribal landfill and/or solid waste disposal site lists

CA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the CA SWF/LF list, as provided by EDR, and dated 05/18/2015 has revealed that there is 1 CA SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUBLIC SERVICE TRANS Regulation Status: Notification Operational Status: Active Facility ID: 19-AA-1047	E. SIDE 710MHWY -BTW	NW 1/8 - 1/4 (0.149 mi.)	91	109

State and tribal leaking storage tank lists

CA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the CA LUST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 36 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BKK CORP Global Id: T0603701968 Global ID: T0603701968 Status: Completed - Case Closed Facility Id: 908130570 Status: Case Closed	***0800 W 15TH ST***	***NE 0 - 1/8 (0.068 mi.)***	***G36***	***49***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOUGLAS PRODUCE Global Id: T0603701946 Global ID: T0603701946 Status: Open - Site Assessment Facility Id: 908130325 Status: Pollution Characterization	***648 COWLES ST***	***E 1/8 - 1/4 (0.178 mi.)***	***O103***	***115***
EXXONMOBIL 99LBC Global Id: T10000004446 Status: Completed - Case Closed	551 WEST ANAHEIM STR	ESE 1/4 - 1/2 (0.260 mi.)	Y178	184
SHELL #204-4482-7503 Global Id: T0603757536 Status: Open - Site Assessment	500 ANAHEIM ST.	ESE 1/4 - 1/2 (0.296 mi.)	181	187
DIAMOND U PRODUCTS, Global Id: T0603700054 Global ID: T0603700054 Status: Completed - Case Closed Facility Id: 013191-01 Status: Case Closed	***1429 MAGNOLIA AVE***	***E 1/4 - 1/2 (0.296 mi.)***	***182***	***191***
BULK TERMINAL Global ID: T0603701921 Facility Id: 908130061 Status: Pollution Characterization	***960 DE FOREST AVE***	***S 1/4 - 1/2 (0.304 mi.)***	***AF185***	***199***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE FOOD BANK OF SOU Global Id: T0603701935 Global ID: T0603701935 Status: Completed - Case Closed Facility Id: 908130216 Status: Case Closed	***1444 SAN FRANCISCO***	***E 0 - 1/8 (0.006 mi.)***	***A17***	***24***
HARBOR DIESEL & EQUI Global Id: T0603701927 Global ID: T0603701927 Status: Completed - Case Closed Facility Id: 908130125 Status: Case Closed	***0537 W ANAHEIM ST***	***E 0 - 1/8 (0.060 mi.)***	***F32***	***38***
T R OIL SERVICES L O Global Id: T0603701954 Global ID: T0603701954 Status: Completed - Case Closed Facility Id: 908130407 Status: Case Closed	***801 WEST 14TH STREET***	***E 0 - 1/8 (0.060 mi.)***	***F34***	***41***
ARATEX SERVICES (ARA Global ID: T0603701930 Facility Id: 908130161 Status: Remedial action (cleanup) Underway	***702 ANAHEIM ST W***	***SE 0 - 1/8 (0.071 mi.)***	***H45***	***64***
WEST COAST CHOPPERS Global Id: T0603701939 Global ID: T0603701939 Status: Completed - Case Closed Facility Id: 908130252 Status: Preliminary site assessment workplan submitted	***718 ANAHEIM ST W***	***SE 1/8 - 1/4 (0.130 mi.)***	***N78***	***91***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
LA MIRAGE INN Global Id: T0603701827 Global ID: T0603701827 Status: Completed - Case Closed Facility Id: 908060089 Status: Case Closed	***701 PACIFIC COAST HW***	***NNE 1/8 - 1/4 (0.192 mi.)***	***Q113***	***125***
ASSOCIATED BREWERS D Global Id: T0603701957 Global ID: T0603701957 Status: Completed - Case Closed Facility Id: 908130461 Status: Case Closed	***615 017TH ST W***	***NE 1/8 - 1/4 (0.205 mi.)***	***V119***	***133***
SPEEDY FUEL, INC. Global Id: T0603701973 Global ID: T0603701973 Status: Open - Eligible for Closure Facility Id: 908130625 Status: Pollution Characterization	1234 COWLES ST W	W 1/8 - 1/4 (0.219 mi.)	X127	138
R & M ENTERPRISES Global Id: T0603701938 Global ID: T0603701938 Status: Completed - Case Closed Facility Id: 908130243 Status: Case Closed	***1501 DAISY AVE***	***ENE 1/8 - 1/4 (0.223 mi.)***	***U138***	***146***
NEILL AIRCRAFT COMPA Global Id: T0603701965 Global ID: T0603701965 Status: Open - Eligible for Closure Facility Id: 908130543 Status: Pollution Characterization	***1260 W 15TH STREET***	***WNW 1/8 - 1/4 (0.234 mi.)***	***AB163***	***165***
MCMULLEN OIL CO. Global Id: T0603701931 Status: Completed - Case Closed	1651 FASHION AVE.	NW 1/4 - 1/2 (0.259 mi.)	AC176	180
ACME OIL CO (MCMULLE Global ID: T0603701931 Facility Id: 908130189 Status: Preliminary site assessment underway	1651 FASHION AVE.	NW 1/4 - 1/2 (0.259 mi.)	AC177	183
MARINE HARDWARE CO Global Id: T0603701962 Global ID: T0603701962 Status: Completed - Case Closed Facility Id: 908130516 Status: Remediation Plan	1322 017TH ST W	NW 1/4 - 1/2 (0.300 mi.)	AE184	194
NATIONAL PLANT SERVI Global Id: T0603701928 Global ID: T0603701928 Status: Completed - Case Closed Facility Id: 908130143 Status: Case Closed	1364 016TH ST W	WNW 1/4 - 1/2 (0.326 mi.)	AG188	205
GEORGE MITCHEL Global Id: T0603701919 Global ID: T0603701919 Status: Open - Site Assessment Facility Id: 908130043 Status: Pollution Characterization	***1326 012TH ST W***	***WSW 1/4 - 1/2 (0.328 mi.)***	***AH189***	***207***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER ROCKET STATIO Global Id: T0603701838 Global ID: T0603701838 Status: Open - Site Assessment Facility Id: 908061052 Status: Remedial action (cleanup) Underway	465 PACIFIC COAST HW	NE 1/4 - 1/2 (0.348 mi.)	AI191	214
UNOCAL #5021 Global Id: T0603701653 Global ID: T0603701653 Status: Open - Site Assessment Facility Id: 907440061 Status: Pollution Characterization	1345 PACIFIC COAST H	NW 1/4 - 1/2 (0.351 mi.)	AJ193	220
BRANNEN PIPE & SUPPL Global Id: T0603701955 Status: Completed - Case Closed	***1650 HARBOR AVE***	***WNW 1/4 - 1/2 (0.354 mi.)***	***AG194***	***230***
BRANNEN PIPE & SUPPL Global ID: T0603701955 Facility Id: 908130416 Status: Case Closed	1650 HARBOR BLVD	WNW 1/4 - 1/2 (0.354 mi.)	AG195	232
TOSCO - 76 STATION # Global Id: T0603701670 Global ID: T0603701670 Status: Open - Eligible for Closure Facility Id: 907440252 Status: Pollution Characterization	1410 PACIFIC COAST H	NW 1/4 - 1/2 (0.368 mi.)	AJ196	233
SANTA FE PACIFIC PIP Global ID: T0603700221 Facility Id: 123091-41 Status: Preliminary site assessment underway	***DE FOREST AVE***	***S 1/4 - 1/2 (0.380 mi.)***	***198***	***241***
RUSSELL TRUCK COMPAN Global Id: T0603701924 Global ID: T0603701924 Status: Completed - Case Closed Facility Id: 908130098 Status: Case Closed	***1430 011TH ST W***	***WSW 1/4 - 1/2 (0.395 mi.)***	***199***	***242***
MTA DIV. 12 Global ID: T0603757656 Facility Id: 908130661 Status: Preliminary site assessment underway	970 CHESTER PL W.	S 1/4 - 1/2 (0.406 mi.)	AK201	245
I-CHEM INTERNATIONAL Global Id: T0603743664 Global ID: T0603743664 Status: Open - Site Assessment Facility Id: 908130670 Status: Preliminary site assessment underway	1455 16TH ST. W.	WNW 1/4 - 1/2 (0.407 mi.)	203	249
FORMER COMMERCIAL TR Global Id: T0603701923 Status: Open - Remediation	1468 14TH ST W	W 1/4 - 1/2 (0.420 mi.)	AL204	252
COMMERCIAL TRUCK BOD Global ID: T0603701923 Facility Id: 908130089 Status: Remediation Plan	***1468 014TH***	***W 1/4 - 1/2 (0.433 mi.)***	***AL205***	***259***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
CASTLE CAR WASH Global Id: T0603701908 Global ID: T0603701908 Status: Completed - Case Closed Facility Id: 908100143 Status: Case Closed	***1500 PACIFIC COAST H***	***NW 1/4 - 1/2 (0.453 mi.)***	***207***	***261***
PRINT L.A. INC. Global Id: T0603701959 Status: Completed - Case Closed	1520 016TH ST W	WNW 1/4 - 1/2 (0.468 mi.)	AN208	263
EAGLE INDUSTRIES (IL Global Id: T0603792998 Global ID: T0603792998 Status: Open - Eligible for Closure Facility Id: 908130634 Status: Preliminary site assessment workplan submitted	***1517 W ESTHER ST***	***WNW 1/4 - 1/2 (0.469 mi.)***	***209***	***265***
TRANS WORLD OIL CORP Global Id: T0603701837 Global ID: T0603701837 Status: Completed - Case Closed Facility Id: 908061043 Status: Case Closed	1532 ANAHEIM ST W	WSW 1/4 - 1/2 (0.480 mi.)	AO211	270

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, and dated 03/13/2015 has revealed that there are 12 CA SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BKK CORPORATION/READ Global Id: SL2047J1677 Facility Status: Open - Verification Monitoring	***800 WEST 15TH STREET***	***NE 0 - 1/8 (0.068 mi.)***	***G38***	***54***
THOMPSON FAMILY TRUS Global Id: SL0603753707 Facility Status: Open - Site Assessment	741 WEST 17 TH STREE	NNE 0 - 1/8 (0.110 mi.)	L64	77
BULK TERMINAL Global Id: SL2048H2365 Facility Status: Open - Verification Monitoring Facility Status: Site Assessment	***960 DE FOREST AVE***	***S 1/4 - 1/2 (0.304 mi.)***	***AF185***	***199***
TIDELANDS OIL Global Id: SL184621445 Facility Status: Completed - Case Closed	1348 WEST NINTH ST	SW 1/4 - 1/2 (0.405 mi.)	200	244

Lower Elevation	Address	Direction / Distance	Map ID	Page
T R OIL SERVICES L O Global Id: SL204EB2404 Facility Status: Open - Assessment & Interim Remedial Action Facility Status: Site Assessment	***801 WEST 14TH STREET***	***E 0 - 1/8 (0.060 mi.)***	***F34***	***41***
ARATEX SERVICES Facility Status: Remediation	702 ANAHEIM	SE 0 - 1/8 (0.071 mi.)	H46	65

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELLIS FAMILY TRUST Facility Status: Inactive	718 ANAHEIM	SE 1/8 - 1/4 (0.130 mi.)	N76	90
NOVA TECHNO CORP Global Id: SL184691452 Facility Status: Completed - Case Closed Facility Status: No further action required	***1368 OREGON AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***M83***	***100***
ARATEX SERVICES INC Global Id: SL204FH2430 Facility Status: Open - Remediation	***702 WEST ANAHEIM STR***	***SE 1/8 - 1/4 (0.135 mi.)***	***N86***	***104***
LA CO., METROPOLITAN Global Id: T0603757656 Facility Status: Open - Site Assessment	***970 W CHESTER PL***	***S 1/4 - 1/2 (0.406 mi.)***	***AK202***	***246***
TIDELAND OIL Facility Status: No further action required	1348 009TH	SW 1/4 - 1/2 (0.440 mi.)	AM206	261
ARCO MARINE TERMINAL Global Id: SL374422455 Facility Status: Open - Site Assessment Facility Status: Remediation	***1300 PIER B***	***SW 1/4 - 1/2 (0.488 mi.)***	***213***	***272***

State and tribal registered storage tank lists

CA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the CA UST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 58 CA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1630 SAN FRANCISCO A	N 0 - 1/8 (0.013 mi.)	B20	28
LONG BEACH SEAFOODS	0845 W 16TH ST	NNE 0 - 1/8 (0.021 mi.)	B24	31
LONG BEACH SEAFOODS	0825 W 16TH ST	NNE 0 - 1/8 (0.045 mi.)	B28	35
BKK CORP	***0800 W 15TH ST***	***NE 0 - 1/8 (0.068 mi.)***	***G36***	***49***
Not reported	0741 W 17TH ST	NNE 0 - 1/8 (0.110 mi.)	L63	77
PACIFIC X-RAY CO	0711 W 16TH ST	NE 0 - 1/8 (0.122 mi.)	J69	86
R G STEPHENS ENGINEE	0707 W 16TH ST	NE 0 - 1/8 (0.124 mi.)	J72	88
HENDERSON & COMPANY	0703 W COWLES ST	ENE 0 - 1/8 (0.125 mi.)	O74	90
Not reported	1451 OREGON AVE	ENE 1/8 - 1/4 (0.129 mi.)	O75	90
CARAVAN MANUFACTURIN	1424 OREGON AVE	E 1/8 - 1/4 (0.131 mi.)	M84	103
Not reported	0700 W 17TH ST	NNE 1/8 - 1/4 (0.132 mi.)	L85	103
AIR CARGO (NOT PREVI	0665 W COWLES ST #3	ENE 1/8 - 1/4 (0.163 mi.)	O98	111
VACANT	0640 W 16TH ST	NE 1/8 - 1/4 (0.185 mi.)	T108	123
Not reported	0602 W ANAHEIM ST	ESE 1/8 - 1/4 (0.220 mi.)	Y131	143
LONG BEACH BLUEPRINT	1435 DAISY AVE	E 1/8 - 1/4 (0.223 mi.)	W137	146
MARINE GLASS CO	1350 DAISY AVE	ESE 1/8 - 1/4 (0.224 mi.)	S144	151
NEAL FASHION	1402 DAISY AVE	E 1/8 - 1/4 (0.225 mi.)	150	153
Not reported	1600 DAISY AVE	NE 1/8 - 1/4 (0.226 mi.)	T151	153
SMITH BROTHERS AUTO	0551 W ANAHEIM ST	ESE 1/8 - 1/4 (0.227 mi.)	Y158	164
FIRE STATION 3	1222 DAISY AVE	SE 1/8 - 1/4 (0.234 mi.)	Y161	165

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE FOODBANK OF SOUT	1444 SAN FRANCISCO A	E 0 - 1/8 (0.006 mi.)	A15	22

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	0824 W ANAHEIM ST	S 0 - 1/8 (0.015 mi.)	22	28
Not reported	0750 W ANAHEIM ST	SE 0 - 1/8 (0.049 mi.)	E29	36
CHEVRON #209725 (2 D	0725 W ANAHEIM ST	SE 0 - 1/8 (0.054 mi.)	E30	36
HARBOR DIESEL & EQUI	***0537 W ANAHEIM ST***	***E 0 - 1/8 (0.060 mi.)***	***F32***	***38***
T R OIL SERVICES L O	***801 WEST 14TH STREET***	***E 0 - 1/8 (0.060 mi.)***	***F34***	***41***
VACANT	0710 W ANAHEIM ST	SE 0 - 1/8 (0.071 mi.)	H41	58
AMERICAN BUFFALO INC	0702 W ANAHEIM ST	SE 0 - 1/8 (0.071 mi.)	H47	66
LIZETTE CREATIONS	0950 W 12TH ST	S 0 - 1/8 (0.075 mi.)	I49	68
GOODWILL INDUSTRIES	0800 W PACIFIC COAST	NNE 0 - 1/8 (0.085 mi.)	52	69
RILEY MARINE PRODUCT	0840 W ESTHER ST	NNE 0 - 1/8 (0.091 mi.)	D53	69
FILE ONLY - CAL PACI	0790 W 12TH ST	SSE 0 - 1/8 (0.095 mi.)	I56	71
Not reported	0820 W ESTHER ST	NNE 0 - 1/8 (0.102 mi.)	K59	73
METROPOLITAN CHEMICA	0733 W 14TH ST	ESE 0 - 1/8 (0.113 mi.)	M66	80
LOEM'S SPORTS WEAR	1501 OREGON AVE	NE 1/8 - 1/4 (0.130 mi.)	P79	96
NOVA TECHNO CORP	***1368 OREGON AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***M83***	***100***
DYNATRON ELECTRIC CO	1492 OREGON AVE	ENE 1/8 - 1/4 (0.147 mi.)	O90	109
Not reported	0730 W ESTHER ST	NNE 1/8 - 1/4 (0.150 mi.)	K92	110
Not reported	0700 W PACIFIC COAST	NNE 1/8 - 1/4 (0.157 mi.)	Q96	111
V & S TRANSPORTATION	1100 DE FOREST AVE	S 1/8 - 1/4 (0.175 mi.)	99	112
CALIFORNIA REFRIGERA	***625 W ANAHEIM ST***	***ESE 1/8 - 1/4 (0.180 mi.)***	***S105***	***121***
Not reported	0640 W 15TH ST	ENE 1/8 - 1/4 (0.185 mi.)	P107	123
Not reported	0701 W PACIFIC COAST	NNE 1/8 - 1/4 (0.191 mi.)	Q111	125
VACANT	0600 W 15TH ST	ENE 1/8 - 1/4 (0.193 mi.)	U114	128
Not reported	0653 W ESTHER ST	NNE 1/8 - 1/4 (0.203 mi.)	R117	133
Not reported	0650 W ESTHER ST	NNE 1/8 - 1/4 (0.204 mi.)	R118	133
MEADOWS ROOFING	0645 W ESTHER ST	NE 1/8 - 1/4 (0.210 mi.)	R122	136
VACANT	0615 W 17TH ST	NE 1/8 - 1/4 (0.212 mi.)	V123	136
NEILL AIRCRAFT CO.	1227 W COWLES ST	W 1/8 - 1/4 (0.215 mi.)	X125	137
MICOR LONG BEACH LLC Facility Id: 19-060-3147	1234 W COWLES ST	W 1/8 - 1/4 (0.220 mi.)	X128	141
H&S IRON WORKS	1501 DAISY AVE	ENE 1/8 - 1/4 (0.223 mi.)	U139	149
Not reported	1450 DAISY AVE	E 1/8 - 1/4 (0.224 mi.)	W145	151
Not reported	1500 DAISY AVE	ENE 1/8 - 1/4 (0.224 mi.)	U146	152
Not reported	1645 DAISY AVE	NE 1/8 - 1/4 (0.224 mi.)	V149	153
NEILL AIRCRAFT INC	1260 W 15TH ST	WNW 1/8 - 1/4 (0.234 mi.)	AB162	165
BERNS CO	1255 W 17TH ST	NW 1/8 - 1/4 (0.238 mi.)	AC165	175
ORGANIC COMPOUNDS IN	1265 W 16TH ST	NW 1/8 - 1/4 (0.240 mi.)	AD168	178
Not reported	1020 DE FOREST AVE	S 1/8 - 1/4 (0.248 mi.)	175	180

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 CA AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CLARIANT CORP	801 W 14TH ST	E 0 - 1/8 (0.060 mi.)	F33	40

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 8 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BKK CORPORATION Facility Id: 19056630 Status: A	***800 W 015TH ST***	***NE 0 - 1/8 (0.069 mi.)***	***G40***	***56***
CHUCKS ELECTRONIC Facility Id: 19016192 Status: I	***707 W 16TH ST***	***NE 0 - 1/8 (0.124 mi.)***	***J71***	***88***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LONG BEACH FOOD BANK Facility Id: 19003077 Status: A	***1444 SAN FRANCISCO***	***E 0 - 1/8 (0.006 mi.)***	***A16***	***23***
T R OIL SERVICES L O Facility Id: 19056600 Status: A	***801 WEST 14TH STREET***	***E 0 - 1/8 (0.060 mi.)***	***F34***	***41***
CALIF. GLASS DIST Facility Id: 19056689 Status: A	***790 W 012TH ST LONG***	***SSE 0 - 1/8 (0.093 mi.)***	***I54***	***69***
NOVA TECHNO CORP Facility Id: 19029718 Status: A	***1368 OREGON AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***M83***	***100***
AIR CARGO EQUIPMENT Facility Id: 19056672 Status: A	***600 W 15TH ST***	***ENE 1/8 - 1/4 (0.193 mi.)***	***U115***	***128***
JERRY & KATHLEEN GLI Facility Id: 19054707 Status: I	***1234 COWLES ST***	***W 1/8 - 1/4 (0.219 mi.)***	***X126***	***137***

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 9 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BKK CORP Facility Id: 00000016806	***0800 W 15TH ST***	***NE 0 - 1/8 (0.068 mi.)***	***G36***	***49***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LONG BEACH FOOD BANK Facility Id: 00000050642	1444 SAN FRANCISCO A	E 0 - 1/8 (0.006 mi.)	A14	21

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
T R OIL SERVICES L O Facility Id: 00000003103	***801 WEST 14TH STREET***	***E 0 - 1/8 (0.060 mi.)***	***F34***	***41***
CALIF. GLASS DIST. Facility Id: 00000046937	790 W. 12TH ST. LONG	SSE 0 - 1/8 (0.096 mi.)	57	71
WESTERN ELECTROPLATI Facility Id: 00000007824	***840 W ESTHER ST***	***NNE 0 - 1/8 (0.107 mi.)***	***K61***	***75***
NOVA TECHNO CORP Facility Id: 00000006617	***1368 OREGON AVE***	***ESE 1/8 - 1/4 (0.130 mi.)***	***M83***	***100***
AIR CARGO EQUIPMENT Facility Id: 00000034141	***600 W 15TH ST***	***ENE 1/8 - 1/4 (0.193 mi.)***	***U115***	***128***
R & M PLATING COMPAN Facility Id: 00000017604	***1640 DAISY STREET***	***NE 1/8 - 1/4 (0.226 mi.)***	***V153***	***156***
BT EQUIPMENT CO Facility Id: 00000033974	***1255 W 17TH ST***	***NW 1/8 - 1/4 (0.238 mi.)***	***AC164***	***171***

CA SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 8 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BKK CORPORATION Comp Number: 16806 Status: A Tank Status: A	***800 W 015TH ST***	***NE 0 - 1/8 (0.069 mi.)***	***G40***	***56***
CHUCKS ELECTRONIC Comp Number: 1004	***707 W 16TH ST***	***NE 0 - 1/8 (0.124 mi.)***	***J71***	***88***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LONG BEACH FOOD BANK Comp Number: 50642 Status: A Tank Status: A	***1444 SAN FRANCISCO***	***E 0 - 1/8 (0.006 mi.)***	***A16***	***23***
T R OIL SERVICES L O Comp Number: 3103 Status: A Tank Status: A	***801 WEST 14TH STREET***	***E 0 - 1/8 (0.060 mi.)***	***F34***	***41***
CALIF. GLASS DIST Comp Number: 46937 Status: A Tank Status: A	***790 W 012TH ST LONG***	***SSE 0 - 1/8 (0.093 mi.)***	***I54***	***69***
NOVA TECHNO CORPORAT Comp Number: 6617 Status: A Tank Status: A	1368 OREGON AVE	ESE 1/8 - 1/4 (0.130 mi.)	M81	98

Lower Elevation	Address	Direction / Distance	Map ID	Page
AIR CARGO EQUIPMENT Comp Number: 34141 Status: A Tank Status: A	***600 W 15TH ST***	***ENE 1/8 - 1/4 (0.193 mi.)***	***U115***	***128***
JERRY & KATHLEEN GLI Comp Number: 54445	***1234 COWLES ST***	***W 1/8 - 1/4 (0.219 mi.)***	***X126***	***137***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/10/2015 has revealed that there are 10 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OCEAN BLUE ENVIRONME	***925 W ESTHER ST***	***N 0 - 1/8 (0.044 mi.)***	***D25***	***32***
CHANCELLOR & OGDEN	***800 W 15TH ST***	***NE 0 - 1/8 (0.068 mi.)***	***G37***	***53***
IT CORP-ROUTH TRANSP	***800 15TH ST***	***NE 0 - 1/8 (0.069 mi.)***	***G39***	***55***
MESA ENVIRONMENTAL S	***721 W 15TH ST***	***NE 0 - 1/8 (0.095 mi.)***	***G55***	***70***
WARD-DEKAY TRANSPORT	707 W 16TH ST	NE 0 - 1/8 (0.124 mi.)	J73	89
CITY TOW SERVICE	***704 W 17TH ST***	***NNE 1/8 - 1/4 (0.130 mi.)***	***L80***	***96***

Lower Elevation	Address	Direction / Distance	Map ID	Page
T R OIL SERVICES L O	***801 WEST 14TH STREET***	***E 0 - 1/8 (0.060 mi.)***	***F34***	***41***
WESTERN ELECTROPLATI	***820 W ESTHER ST***	***NNE 0 - 1/8 (0.102 mi.)***	***K60***	***73***
ENVIRONMENTAL SERVS	***716 W 14TH ST***	***ESE 0 - 1/8 (0.120 mi.)***	***M68***	***83***
GAYLORD INSPECTION L	***1243 W COWLES***	***W 1/8 - 1/4 (0.224 mi.)***	***X143***	***150***

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 26 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BKK CORP Reg Id: 908130570	***0800 W 15TH ST***	***NE 0 - 1/8 (0.068 mi.)***	***G36***	***49***
DOUGLAS PRODUCE Reg Id: 908130325	***648 COWLES ST***	***E 1/8 - 1/4 (0.178 mi.)***	***O103***	***115***
DIAMOND U PRODUCTS, Reg Id: 013191-01	***1429 MAGNOLIA AVE***	***E 1/4 - 1/2 (0.296 mi.)***	***182***	***191***
BULK TERMINAL Reg Id: 908130061	***960 DE FOREST AVE***	***S 1/4 - 1/2 (0.304 mi.)***	***AF185***	***199***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE FOOD BANK OF SOU Reg Id: 908130216	***1444 SAN FRANCISCO***	***E 0 - 1/8 (0.006 mi.)***	***A17***	***24***
HARBOR DIESEL & EQUI Reg Id: 908130125	***0537 W ANAHEIM ST***	***E 0 - 1/8 (0.060 mi.)***	***F32***	***38***
T R OIL SERVICES L O Reg Id: 9080130407	***801 WEST 14TH STREET***	***E 0 - 1/8 (0.060 mi.)***	***F34***	***41***
ARATEX SERVICES (ARA Reg Id: 908130161	702 ANAHEIM	SE 0 - 1/8 (0.071 mi.)	H44	64
DOUGLAS ROBINSON PRO Reg Id: 908130252	718 ANAHEIM	SE 1/8 - 1/4 (0.130 mi.)	N77	91
LA MIRAGE INN Reg Id: 908060089	***701 PACIFIC COAST HW***	***NNE 1/8 - 1/4 (0.192 mi.)***	***Q113***	***125***
ASSOCIATED BREWERS D Reg Id: 908130461	***615 017TH ST W***	***NE 1/8 - 1/4 (0.205 mi.)***	***V119***	***133***
MICOR ENERGY LLC Reg Id: 908130625	1234 COWLES	W 1/8 - 1/4 (0.220 mi.)	X130	143
R & M ENTERPRISES Reg Id: 908130243	***1501 DAISY AVE***	***ENE 1/8 - 1/4 (0.223 mi.)***	***U138***	***146***
ACME OIL CO (MCMULLE Reg Id: 908130189	1305 016TH	NW 1/4 - 1/2 (0.274 mi.)	AD179	185
HYDRO SERVICES CO Reg Id: 908130516	***1322 17TH ST***	***NW 1/4 - 1/2 (0.281 mi.)***	***AC180***	***185***
NATIONAL PLANT SERVI Reg Id: 908130143	***1364 W 16TH ST***	***WNW 1/4 - 1/2 (0.320 mi.)***	***AG187***	***204***
GEORGE MITCHEL Reg Id: 908130043	***1326 012TH ST W***	***WSW 1/4 - 1/2 (0.328 mi.)***	***AH189***	***207***
GOODYEAR Reg Id: 2471	1350 12TH	WSW 1/4 - 1/2 (0.337 mi.)	AH190	214
ROCKET #6 Reg Id: 908061052	465 PACIFIC COAST	NE 1/4 - 1/2 (0.348 mi.)	AI192	219
BRANNEN PIPE & SUPPL Reg Id: 908130416	***1650 HARBOR AVE***	***WNW 1/4 - 1/2 (0.354 mi.)***	***AG194***	***230***
76 PRODUCTS STATION Reg Id: 907440252	1410 PACIFIC COAST	NW 1/4 - 1/2 (0.368 mi.)	AJ197	240
SANTA FE PACIFIC PIP Reg Id: 123091-41	***DE FOREST AVE***	***S 1/4 - 1/2 (0.380 mi.)***	***198***	***241***
RUSSELL TRUCK COMPAN Reg Id: 908130098	***1430 011TH ST W***	***WSW 1/4 - 1/2 (0.395 mi.)***	***199***	***242***
COMMERCIAL TRUCK BOD Reg Id: 908130089	***1468 014TH***	***W 1/4 - 1/2 (0.433 mi.)***	***AL205***	***259***
CASTLE CAR WASH Reg Id: 908100143	***1500 PACIFIC COAST H***	***NW 1/4 - 1/2 (0.453 mi.)***	***207***	***261***
SNYDER MFG CORPORATI Reg Id: 19280503	***1541 COWLES***	***W 1/4 - 1/2 (0.488 mi.)***	***AP212***	***272***

EXECUTIVE SUMMARY

CA DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CA DRYCLEANERS list, as provided by EDR, and dated 02/18/2015 has revealed that there is 1 CA DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUN HARDWARE CO, INC EPA Id: CAL000115673	635 W 15TH ST	ENE 1/8 - 1/4 (0.190 mi.)	U109	123

CA HWT: A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

A review of the CA HWT list, as provided by EDR, and dated 04/13/2015 has revealed that there is 1 CA HWT site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OCEAN BLUE ENVIRONME Reg Num: 3354	925 WEST ESTHER STRE	N 0 - 1/8 (0.044 mi.)	D27	35

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 05/26/2015 has revealed that there are 2 CA HWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALLWASTE SERVICES, I EPA Id: CAT080029952 Cleanup Status: UNDERGOING CLOSURE	***925 W ESTHER ST***	***N 0 - 1/8 (0.044 mi.)***	***D26***	***34***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CROSBY & OVERTON EPA Id: CAD028409019 Cleanup Status: OPERATING PERMIT	***1610 W 17TH STREET***	***WNW 1/2 - 1 (0.575 mi.)***	***AQ219***	***295***

CA MWMP: The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

A review of the CA MWMP list, as provided by EDR, and dated 01/16/2015 has revealed that there is 1 CA MWMP site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALLWASTE SERVICES, I Registration Number: 3354	***925 W ESTHER ST***	***N 0 - 1/8 (0.044 mi.)***	***D26***	***34***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EDISON/LONG BEACH MG	LG BEACH AREA, 8TH I	WSW 1/2 - 1 (0.890 mi.)	AR225	481

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 32 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY TOW SERVICE & G	1630 SAN FRANCISCO	N 0 - 1/8 (0.013 mi.)	B18	27
CITY TOW SERVICE & G	1630 S SAN FERNAND	N 0 - 1/8 (0.013 mi.)	B19	27
Not reported	1634 SAN FRANCISCO	N 0 - 1/8 (0.014 mi.)	B21	28
SEUSS C E	818 W 16TH ST	NNE 0 - 1/8 (0.082 mi.)	J50	68
Not reported	666 W COWLES ST	ENE 1/8 - 1/4 (0.162 mi.)	O97	111
Not reported	648 W COWLES ST	E 1/8 - 1/4 (0.178 mi.)	O104	121
UHL AUTO REPAIR	602 W ANAHEIM ST	ESE 1/8 - 1/4 (0.220 mi.)	Y132	143
Not reported	1433 DAISY AVE	E 1/8 - 1/4 (0.223 mi.)	W136	145
HAMASAKI K	600 W 14TH ST	E 1/8 - 1/4 (0.223 mi.)	S140	149
BUCHANAN W O	1318 DAISY AV	ESE 1/8 - 1/4 (0.223 mi.)	S141	149
SQUARE DEAL AUTO REP	1324 DAISY AV	ESE 1/8 - 1/4 (0.223 mi.)	S142	149
FAULDS WM	1388 DAISY AVE	ESE 1/8 - 1/4 (0.224 mi.)	S147	152
Not reported	551 W ANAHEIM ST	ESE 1/8 - 1/4 (0.227 mi.)	Y155	160
FINGADO'S MOBIL SERV	551 W ANAHEIM	ESE 1/8 - 1/4 (0.227 mi.)	Y156	162

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	812 W COWLES ST	ENE 0 - 1/8 (0.060 mi.)	C35	49
Not reported	740 W 14TH ST	ESE 0 - 1/8 (0.110 mi.)	F62	76
Not reported	739 W PACIFIC COAST	NNE 1/8 - 1/4 (0.150 mi.)	Q93	110
Not reported	651 W 15TH ST	ENE 1/8 - 1/4 (0.176 mi.)	P101	114

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
BRYANT S AUTO RE CON	689 W ESTHER ST	NNE 1/8 - 1/4 (0.177 mi.)	R102	115
JACK'S MOBIL SERVICE	701 W PACIFIC COAST	NNE 1/8 - 1/4 (0.191 mi.)	Q110	124
WISDOM S MOBIL SERVI	701 W PACIFIC COAS	NNE 1/8 - 1/4 (0.192 mi.)	Q112	125
Not reported	646 W ESTHER ST	NE 1/8 - 1/4 (0.207 mi.)	R120	136
BRYANT S AUTO RE-CON	639 W ESTHER ST	NNE 1/8 - 1/4 (0.208 mi.)	R121	136
Not reported	1234 W COWLES ST	W 1/8 - 1/4 (0.220 mi.)	X129	142
Not reported	629 W ESTHER ST	NE 1/8 - 1/4 (0.222 mi.)	R135	145
Not reported	623 W ESTHER ST	NE 1/8 - 1/4 (0.227 mi.)	AA159	164
Not reported	621 W ESTHER ST	NE 1/8 - 1/4 (0.229 mi.)	AA160	164
SNEED JOHN J	1265 W 16TH ST	NW 1/8 - 1/4 (0.240 mi.)	AD169	178
Not reported	1745 DAISY AVE	NE 1/8 - 1/4 (0.242 mi.)	AA170	178
ZIMMERMAN S.	600 W PACIFIC COAS	NNE 1/8 - 1/4 (0.246 mi.)	Z172	179
ZIMMERMAN S.	600 W PACIFIC COAS	NNE 1/8 - 1/4 (0.246 mi.)	Z173	179
GULF OIL SERVICE STA	600 W PAC COAST HIGH	NNE 1/8 - 1/4 (0.246 mi.)	Z174	180

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 10 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SCHAEFER PARSONS	812 W 16TH ST	NNE 0 - 1/8 (0.084 mi.)	J51	68
CLEAN RITE LAUNDRY	1388 DAISY AV	ESE 1/8 - 1/4 (0.224 mi.)	S148	152

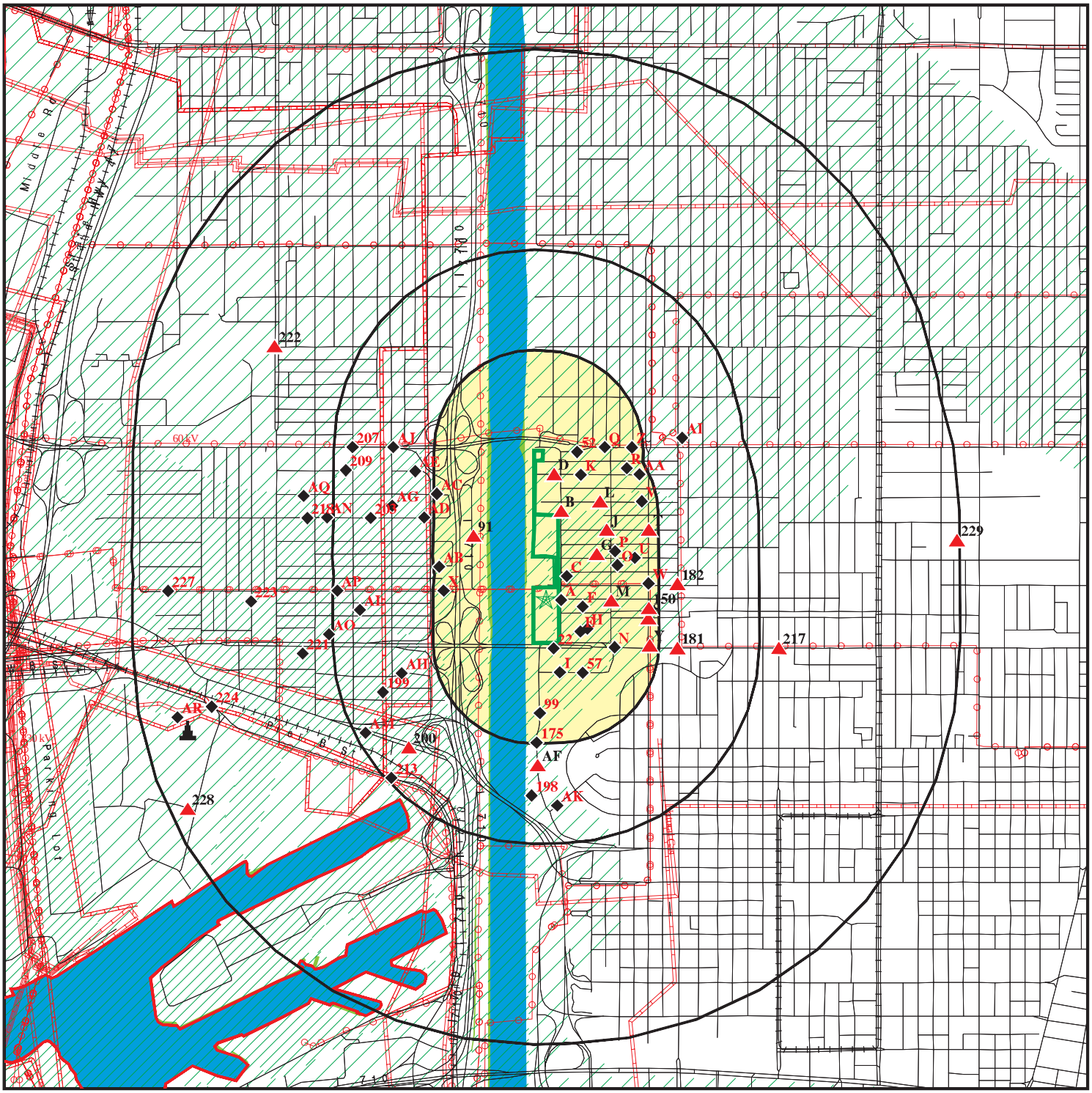
Lower Elevation	Address	Direction / Distance	Map ID	Page
SOFT WATER LAUNDRY &	702 W ANAHEIM ST	SE 0 - 1/8 (0.071 mi.)	H43	61
SOFT WATER LAUNDRY &	702 W ANAHEIM	SE 1/8 - 1/4 (0.140 mi.)	N88	107
RELIABLE CLEANERS &	733 W PACIFIC COAS	NNE 1/8 - 1/4 (0.153 mi.)	Q94	110
RELIABLE CLEANERS &	733 W PACIFIC COAS	NNE 1/8 - 1/4 (0.154 mi.)	Q95	111
SPICK & SPAN LAUNDRY	609 COWLES	E 1/8 - 1/4 (0.215 mi.)	W124	137
QUAN LEE	630 W PACIFIC COAS	NNE 1/8 - 1/4 (0.221 mi.)	Z133	144
QUAN LEE LAUNDRY	630 W PACIFIC COAS	NNE 1/8 - 1/4 (0.222 mi.)	Z134	145
D & S LAUNDERALL SER	1265 W 17TH ST	NW 1/8 - 1/4 (0.242 mi.)	AC171	179

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 26 records.

Site Name	Database(s)
DOUGLAS BROS PRODUCE CO	CA HIST CORTESE, CA LUST, CA UST
	CA CDL
	CA CDL
	CA CDL
	CA CDL
	CA CDL
	CA CDL
	CA CDL
TCL DUMP	CERC-NFRAP
HUGH J RESINS CO	CERC-NFRAP, CORRACTS, RCRA-SQG, RAATS, CA HAZNET
ASCON CONSTRUCTION - LONG BEACH	CA SWF/LF
WEISSKER, HERMAN INC.	CA SWF/LF
PUBLIC SERVICE TRANSFER STATION #1	CA SWF/LF
GAS STATION	CA LUST
CITY OF L.B. RECREATION PARK GC	CA LUST, CA UST
EXPRESS DIESEL	CA LUST
GLENN E. THOMAS AUTO (FORMER)	CA SLIC
STATEWIDE BUSINESS PARK	CA SLIC
ACTA PARCEL PS-1524	CA SLIC
WILMINGTON TOWN LOT #369, 371, 372	CA SLIC
ACTA SOUTH - PARCEL PCH-1537	CA SLIC
ACTA SOUTH - PCH GRADE SEPARATION	CA SLIC
ACTA SOUTH - PARCEL PCH-1539	CA SLIC
ACTA SOUTH - PARCEL PCH-1538	CA SLIC
ACTA PARCEL PCH-1542	CA SLIC
ROOSEVELT ELEMENTARY SCHOOL - SOUT	CA SCH, CA ENVIROSTOR

OVERVIEW MAP - 04328849.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

County Boundary

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

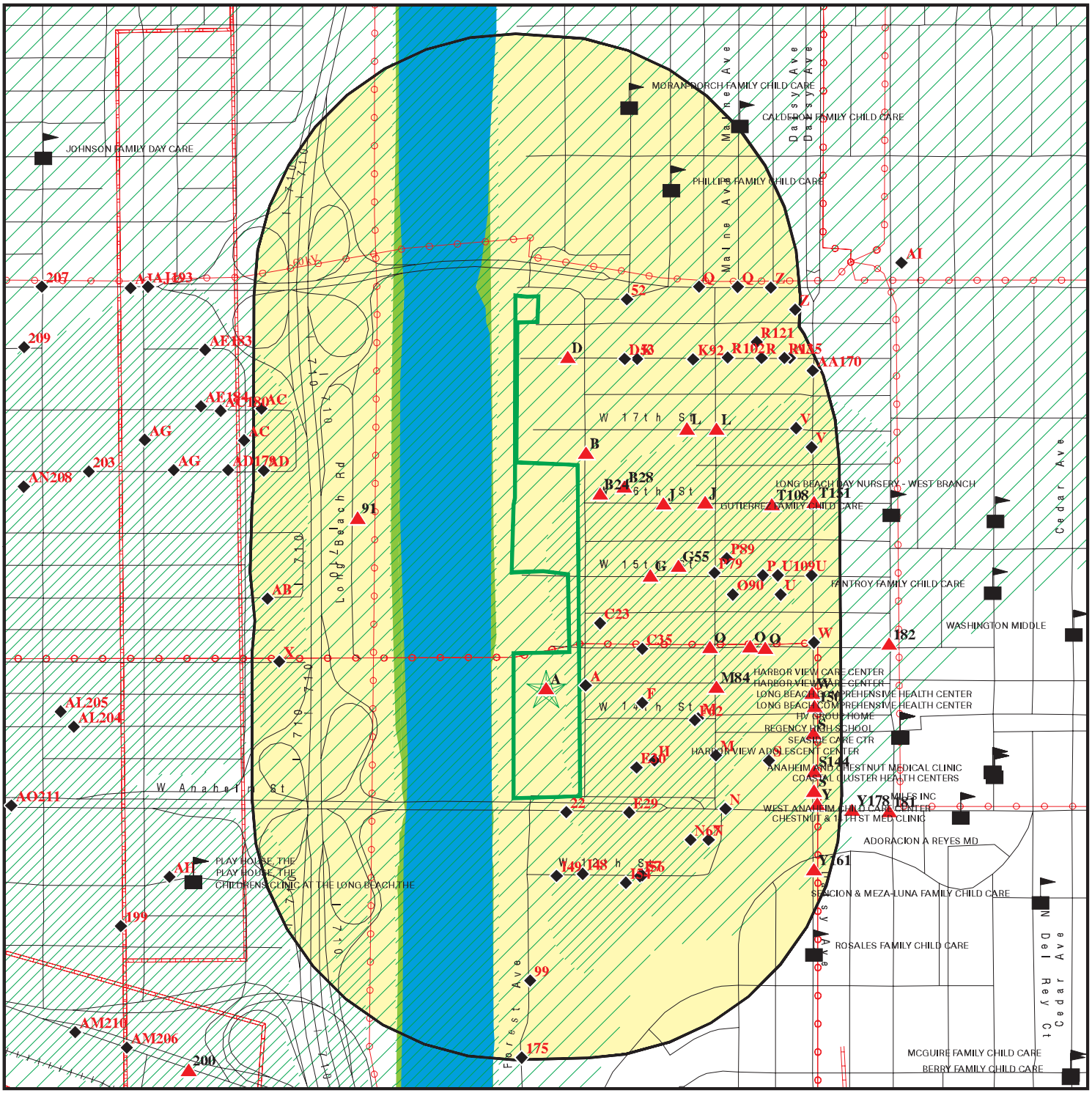
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Former Long Beach Public Service Yard	CLIENT:	SCS Engineers
ADDRESS:	San Francisco Ave/W Anaheim St Long Beach CA 90813	CONTACT:	Kim Braun
		INQUIRY #:	04328849.2r
LAT/LONG:	33.7843 / 118.2038	DATE:	June 17, 2015 3:20 pm

Copyright © 2015 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

DETAIL MAP - 04328849.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Former Long Beach Public Service Yard	CLIENT:	SCS Engineers
ADDRESS:	San Francisco Ave/W Anaheim St Long Beach CA 90813	CONTACT:	Kim Braun
		INQUIRY #:	04328849.2r
LAT/LONG:	33.7843 / 118.2038	DATE:	June 17, 2015 3:23 pm

Copyright © 2015 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	1	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		2	1	4	NR	NR	7
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	1	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	4	NR	NR	NR	5
RCRA-SQG	0.250	2	6	8	NR	NR	NR	16
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		1	0	1	13	NR	15
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	1	0	NR	NR	1
State and tribal leaking storage tank lists								
CA LUST	0.500	2	5	7	24	NR	NR	38

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA SLIC	0.500		4	3	5	NR	NR	12
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
CA UST	0.250	2	22	36	NR	NR	NR	60
CA AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA AOCONCERN	1.000		0	0	0	0	NR	0
CA CDL	TP	1	NR	NR	NR	NR	NR	1
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		5	3	NR	NR	NR	8
CA HIST UST	0.250		5	4	NR	NR	NR	9
CA SWEEPS UST	0.250		5	3	NR	NR	NR	8
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA LIENS	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		8	2	NR	NR	NR	10
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA UIC	TP		NR	NR	NR	NR	NR	0
CA Cortese	0.500		0	0	0	NR	NR	0
CA HIST CORTESE	0.500	2	5	6	15	NR	NR	28
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
WI MANIFEST	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	1	NR	NR	NR	1
CA LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP	2	NR	NR	NR	NR	NR	2
CA EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HWT	0.250		1	0	NR	NR	NR	1
CA HWP	1.000		1	0	0	1	NR	2
CA MWMP	0.250		1	0	NR	NR	NR	1
CA PROC	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	1	NR	1
EDR US Hist Auto Stat	0.250	1	6	26	NR	NR	NR	33
EDR US Hist Cleaners	0.250		2	8	NR	NR	NR	10
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LUST	TP	2	NR	NR	NR	NR	NR	2
CA RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		16	81	114	49	16	0	276

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **SIFTON A D** | **EDR US Hist Auto Stat** | **1009049156**
949 W ANAHEIM ST | **N/A**
LONG BEACH, CA

Site 1 of 17 in cluster A

Actual: 14 ft.

EDR Historical Auto Stations:

Name:	SIFTON A D
Year:	1931
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	MISRACK J S
Year:	1935
Type:	GASOLINE AND OIL SERVICE STATIONS

A2 Target Property | **CITY OF L.B. PUBLIC SVC YD (2 D/W JOOR)** | **CA UST** | **U003700201**
1725 SAN FRANCISCO AVE | **N/A**
LONG BEACH, CA

Site 2 of 17 in cluster A

Actual: 14 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	2T
Tank Test:	Dual Walled
Leak Test:	Not reported
Tank Status:	Not reported

A3 Target Property | **CITY OF LONG BEACH TOWING OPER** | **CA HAZNET** | **S113052637**
901 W ANAHEIM ST | **N/A**
LONG BEACH, CA 90813

Site 3 of 17 in cluster A

Actual: 14 ft.

HAZNET:

envid:	S113052637
Year:	1998
GEPAID:	CAL000080247
Contact:	CITY OF LONG BEACH
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	901 W ANAHEIM ST
Mailing City,St,Zip:	LONG BEACH, CA 908130000
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Transfer Station
Tons:	.0625
Facility County:	Los Angeles

A4 Target Property | **CITY OF LONG BEACH TOWING OPERATIONS**
901 W ANAHEIM
LONG BEACH, CA 90813 | **CA HAZNET** | **S113036028**
N/A

Site 4 of 17 in cluster A

Actual: 14 ft.

HAZNET:

envid:	S113036028
Year:	1997
GEPAID:	CAL000036475
Contact:	CITY OF LONG BEACH
Telephone:	5625705400
Mailing Name:	Not reported
Mailing Address:	333 W OCEAN BLVD
Mailing City,St,Zip:	LONG BEACH, CA 908020000
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Disposal, Other
Tons:	.9750
Facility County:	Los Angeles

envid:	S113036028
Year:	1996
GEPAID:	CAL000036475
Contact:	CITY OF LONG BEACH
Telephone:	5625705400
Mailing Name:	Not reported
Mailing Address:	333 W OCEAN BLVD
Mailing City,St,Zip:	LONG BEACH, CA 908020000
Gen County:	Not reported
TSD EPA ID:	CAT080022148
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	.5000
Facility County:	Los Angeles

envid:	S113036028
Year:	1996
GEPAID:	CAL000036475
Contact:	CITY OF LONG BEACH
Telephone:	5625705400
Mailing Name:	Not reported
Mailing Address:	333 W OCEAN BLVD
Mailing City,St,Zip:	LONG BEACH, CA 908020000
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Other
Tons:	.4500
Facility County:	Los Angeles

A5 Target Property | **CITY OF LONG BEACH** | **CA UST** | **U003660158**
0929 W ANAHEIM ST | **N/A**
LONG BEACH, CA

Site 5 of 17 in cluster A

Actual: 14 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

A6 Target Property | **VEHICLE TOW YARD** | **CA RGA LUST** | **S114718416**
901 ANAHEIM ST W | **N/A**
LONG BEACH, CA

Site 6 of 17 in cluster A

Actual: 14 ft.

RGA LUST:

2000	VEHICLE TOW YARD	901 ANAHEIM ST W
1998	VEHICLE TOW YARD	901 ANAHEIM ST W
1997	VEHICLE TOW YARD	901 ANAHEIM ST W
1996	VEHICLE TOW YARD	901 ANAHEIM ST W

A7 Target Property | **PUBLIC SERVICE YARD** | **CA HIST CORTESE** | **S102435505**
1725 SAN FRANCISCO AVE | **CA LUST** | **N/A**
LONG BEACH, CA 90813

Site 7 of 17 in cluster A

Actual: 14 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130607

LUST:

Region:	STATE
Global Id:	T0603701971
Latitude:	33.7885736
Longitude:	-118.2032193
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/03/2012
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	NC
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130607
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

PUBLIC SERVICE YARD (Continued) **S102435505**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701971
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701971
Contact Type:	Regional Board Caseworker
Contact Name:	NOMAN CHOWDHURY
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	nchowdhury@waterboards.ca.gov
Phone Number:	2135766704

Status History:

Global Id:	T0603701971
Status:	Open - Site Assessment
Status Date:	11/24/2008

Global Id:	T0603701971
Status:	Completed - Case Closed
Status Date:	07/03/2012

Global Id:	T0603701971
Status:	Open - Case Begin Date
Status Date:	08/04/1995

Global Id:	T0603701971
Status:	Open - Referred
Status Date:	09/23/2008

Global Id:	T0603701971
Status:	Open - Site Assessment
Status Date:	08/04/1995

Regulatory Activities:

Global Id:	T0603701971
Action Type:	Other
Date:	08/04/1995
Action:	Leak Discovery

Global Id:	T0603701971
Action Type:	REMEDIATION
Date:	07/02/2008
Action:	Other (Use Description Field)

Global Id:	T0603701971
Action Type:	Other
Date:	08/04/1995

PUBLIC SERVICE YARD (Continued) **S102435505**

Action: Leak Stopped

Global Id: T0603701971
Action Type: Other
Date: 08/04/1995
Action: Leak Reported

Global Id: T0603701971
Action Type: ENFORCEMENT
Date: 07/03/2012
Action: Closure/No Further Action Letter

Global Id: T0603701971
Action Type: RESPONSE
Date: 01/15/2009
Action: Other Report / Document

Global Id: T0603701971
Action Type: ENFORCEMENT
Date: 11/24/2008
Action: Staff Letter

Global Id: T0603701971
Action Type: ENFORCEMENT
Date: 07/03/2012
Action: Closure/No Further Action Letter

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130607
Status:	Preliminary site assessment underway
Substance:	Motor Oil
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701971
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19060
Cross Street:	PACIFIC COAST HIGHWAY
Enforcement Type:	Not reported
Date Leak Discovered:	8/4/1995
Date Leak First Reported:	8/4/1995
Date Leak Record Entered:	8/31/1995
Date Confirmation Began:	Not reported
Date Leak Stopped:	8/4/1995
Date Case Last Changed on Database:	8/31/1995
Date the Case was Closed:	Not reported
How Leak Discovered:	Inventory Control
How Leak Stopped:	Not reported
Cause of Leak:	Structure Failure
Leak Source:	Piping
Operator:	DEPT OF PUBLIC WORKS

PUBLIC SERVICE YARD (Continued) **S102435505**

Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	14972.994970622465758367051324
Source of Cleanup Funding:	Piping
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	8/4/1995
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CITY OF LONG BEACH
RP Address:	333 W. OCEAN BLVD., LONG BEACH, CA 90802
Program:	LUST
Lat/Long:	33.7885736 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

A8 Target Property **LONG BEACH CITY TOW YARD** **CA LUST** **S104916177**
901 ANAHEIM ST W **N/A**
LONG BEACH, CA 90813

Site 8 of 17 in cluster A

Actual: 14 ft.

LUST:

Region:	STATE
Global Id:	T0603701960
Latitude:	33.7838334374851
Longitude:	-118.203706741333
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/06/2011
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DMB
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130498
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

LONG BEACH CITY TOW YARD (Continued) **S104916177**

Global Id: T0603701960
Contact Type: Local Agency Caseworker
Contact Name: CARMEN PIRO
Organization Name: LONG BEACH, CITY OF
Address: 2525 GRAND AVE.
City: LONG BEACH
Email: carmen.piro@longbeach.gov
Phone Number: 5625704137

Global Id: T0603701960
Contact Type: Regional Board Caseworker
Contact Name: DAVID M. BJOSTAD
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4th Street, Suite 200
City: Los Angeles
Email: dbjostad@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603701960
Status: Open - Verification Monitoring
Status Date: 08/30/1995

Global Id: T0603701960
Status: Completed - Case Closed
Status Date: 07/06/2011

Global Id: T0603701960
Status: Open - Verification Monitoring
Status Date: 08/11/2005

Global Id: T0603701960
Status: Open - Case Begin Date
Status Date: 08/30/1995

Global Id: T0603701960
Status: Open - Site Assessment
Status Date: 08/30/1995

Global Id: T0603701960
Status: Open - Site Assessment
Status Date: 06/22/2001

Regulatory Activities:
Global Id: T0603701960
Action Type: Other
Date: 08/30/1995
Action: Leak Discovery

Global Id: T0603701960
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603701960
Action Type: ENFORCEMENT

LONG BEACH CITY TOW YARD (Continued) **S104916177**

Date: 06/03/2011
Action: Notification - Preclosure

Global Id: T0603701960
Action Type: ENFORCEMENT
Date: 07/06/2011
Action: Closure/No Further Action Letter

Global Id: T0603701960
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701960
Action Type: Other
Date: 08/30/1995
Action: Leak Reported

Global Id: T0603701960
Action Type: ENFORCEMENT
Date: 11/02/2010
Action: Staff Letter

Global Id: T0603701960
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701960
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701960
Action Type: ENFORCEMENT
Date: 02/19/2002
Action: Staff Letter

Global Id: T0603701960
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701960
Action Type: RESPONSE
Date: 11/19/2001
Action: Soil and Water Investigation Workplan

Global Id: T0603701960
Action Type: RESPONSE
Date: 04/19/2002
Action: Soil and Water Investigation Report

Global Id: T0603701960
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

LONG BEACH CITY TOW YARD (Continued) **S104916177**

Global Id:	T0603701960
Action Type:	RESPONSE
Date:	04/15/2010
Action:	Other Report / Document

Global Id:	T0603701960
Action Type:	ENFORCEMENT
Date:	06/22/2001
Action:	Staff Letter

Global Id:	T0603701960
Action Type:	ENFORCEMENT
Date:	12/28/2009
Action:	Staff Letter

Global Id:	T0603701960
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Monitoring Report - Semi-Annually

Global Id:	T0603701960
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Quarterly

Global Id:	T0603701960
Action Type:	RESPONSE
Date:	04/15/2010
Action:	Electronic Reporting Submittal Due

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130498
Status:	Preliminary site assessment workplan submitted
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Excavate and Dispose
Global ID:	T0603701960
W Global ID:	Not reported
Staff:	NC
Local Agency:	19060
Cross Street:	SAN FRANCISCO
Enforcement Type:	LET
Date Leak Discovered:	8/30/1995
Date Leak First Reported:	8/30/1995
Date Leak Record Entered:	6/7/1996
Date Confirmation Began:	8/30/1995
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	11/15/2001
Date the Case was Closed:	Not reported
How Leak Discovered:	Tank Closure
How Leak Stopped:	Not reported

LONG BEACH CITY TOW YARD (Continued) **S104916177**

Cause of Leak:	Corrosion
Leak Source:	Tank
Operator:	CHUCK RAMSEY
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	16469.944344413791268620002409
Source of Cleanup Funding:	Tank
Preliminary Site Assessment Workplan Submitted:	6/22/2001
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	8/30/1995
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	DAVID MCCARTHY
RP Address:	2600 TEMPLE AVE.
Program:	LUST
Lat/Long:	33.7827207 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	CITY OF LONG BEACH PURCHASED PIECE OF LAND. TANK WAS FOUND ABANDONED AFTER SALE. CITY REMOVED TANK AND DISCOVERED TANKLEAK. OLD CASE #960607-01

A9 Target Property **LONG BEACH CITY PUB SERV DEPT** **RCRA-SQG** **1000231626**
1601 SAN FRANCISCO AVENUE **FINDS** **CAD981632235**
LONG BEACH, CA 90813

Site 9 of 17 in cluster A

Actual: 14 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	LONG BEACH PUBLIC SVC CITY OF
Facility address:	1601 SAN FRANCISCO LONG BEACH, CA 90813
EPA ID:	CAD981632235
Mailing address:	SAN FRANCISCO LONG BEACH, CA 90813
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.

LONG BEACH CITY PUB SERV DEPT (Continued) **1000231626**

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CITY OF LONG BEACH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/06/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 12/17/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

LONG BEACH CITY PUB SERV DEPT (Continued) **1000231626**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110013829474

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

A10 Target Property | **VEHICLE TOW YARD** | **CA HIST CORTESE** | **S102440864**
901 ANAHEIM | **N/A**
LONG BEACH, CA

Site 10 of 17 in cluster A

Actual: 14 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908130498

A11 Target Property | **LONG BEACH CITY TOW YARD** | **CA RGA LUST** | **S114645023**
901 ANAHEIM ST W | **N/A**
LONG BEACH, CA

Site 11 of 17 in cluster A

Actual: 14 ft.

RGA LUST:

2012	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2011	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2010	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2009	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2008	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2007	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2006	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2005	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2003	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2002	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W
2001	LONG BEACH CITY TOW YARD	901 ANAHEIM ST W

A12
Target Property

901 W ANAHEIM ST
LONG BEACH, CA 90813

CA CDL **S103675659**
N/A

Site 12 of 17 in cluster A

Actual: 14 ft.

CDL:

Facility ID:	200001003
Date:	01/03/2000
Lab Type:	Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.
Facility ID:	199903127
Date:	03/19/1999
Lab Type:	Mobile Lab (M) - location where illegal drug lab equipment and materials were found in a vehicle or other mode of transport.

A13
Target Property

LONG BEACH TESTING LAB CITY OF
1475 SAN FRANCISCO AVE
LONG BEACH, CA 90813

RCRA-SQG **1000231634**
FINDS **CAD981972201**

Site 13 of 17 in cluster A

Actual: 14 ft.

RCRA-SQG:

Date form received by agency:	05/12/1987
Facility name:	LONG BEACH TESTING LAB CITY OF
Facility address:	1475 SAN FRANCISCO AVE LONG BEACH, CA 90813
EPA ID:	CAD981972201
Mailing address:	SAN FRANCISCO AVE LONG BEACH, CA 90813
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1475 SAN FRANCISCO AVE LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 436-4784
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	LONG BEACH CITY OF
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999

LONG BEACH TESTING LAB CITY OF (Continued) **1000231634**

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002760502

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A14 **LONG BEACH FOOD BANK** **CA HIST UST** **U001566307**
East **1444 SAN FRANCISCO AVE** **N/A**
< 1/8 **LONG BEACH, CA 90813**
0.006 mi.
32 ft. **Site 14 of 17 in cluster A**

Relative:
Lower

Actual:
13 ft.

HIST UST:
Region: STATE
Facility ID: 00000050642
Facility Type: Other
Other Type: NON-PROFIT FOOD DIST
Contact Name: Not reported
Telephone: 2134353577
Owner Name: LONG BEACH FOOD BANK
Owner Address: 1444 SAN FRANCISCO
Owner City,St,Zip: LONG BEACH, CA 90813
Total Tanks: 0004

Tank Num: 001

LONG BEACH FOOD BANK (Continued) **U001566307**

Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	Not reported
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

A15 **THE FOODBANK OF SOUTHERN CALIFORNIA** **CA UST** **U003661404**
East **1444 SAN FRANCISCO AVE** **N/A**
< 1/8 **LONG BEACH, CA**
0.006 mi.
32 ft. **Site 15 of 17 in cluster A**

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

A16
East
< 1/8
0.006 mi.
32 ft.

LONG BEACH FOOD BANK
1444 SAN FRANCISCO
LONG BEACH, CA 90813

CA FID UST **S101618209**
CA SWEEPS UST **N/A**

Site 16 of 17 in cluster A

Relative:
Lower

Actual:
13 ft.

CA FID UST:

Facility ID:	19003077
Regulated By:	UTNKA
Regulated ID:	00050642
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2134353577
Mail To:	Not reported
Mailing Address:	1444 SAN FRANCISCO
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG BEACH 90813
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	50642
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	19-060-050642-000001
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	4

Status:	Active
Comp Number:	50642
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	19-060-050642-000002
Tank Status:	A
Capacity:	4000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

LONG BEACH FOOD BANK (Continued) **S101618209**

Status:	Active
Comp Number:	50642
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	3
SWRCB Tank Id:	19-060-050642-000003
Tank Status:	A
Capacity:	Not reported
Active Date:	07-01-85
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	50642
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	4
SWRCB Tank Id:	19-060-050642-000004
Tank Status:	A
Capacity:	5000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

A17
East
< 1/8
0.006 mi.
32 ft.

THE FOOD BANK OF SOUTHERN **CA HIST CORTESE** **S101296789**
1444 SAN FRANCISCO **CA LUST** **N/A**
LONG BEACH, CA 90813

Site 17 of 17 in cluster A

Relative:
Lower

Actual:
13 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130216

LUST:

Region:	STATE
Global Id:	T0603701935
Latitude:	33.7847277
Longitude:	-118.2030013
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/22/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LONG BEACH, CITY OF

THE FOOD BANK OF SOUTHERN (Continued) **S101296789**

RB Case Number:	908130216
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Benzene
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701935
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701935
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701935
Status:	Open - Case Begin Date
Status Date:	10/08/1990

Global Id:	T0603701935
Status:	Open - Site Assessment
Status Date:	10/08/1990

Global Id:	T0603701935
Status:	Open - Site Assessment
Status Date:	04/30/1993

Global Id:	T0603701935
Status:	Completed - Case Closed
Status Date:	07/22/1996

Regulatory Activities:

Global Id:	T0603701935
Action Type:	Other
Date:	10/08/1990
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles

THE FOOD BANK OF SOUTHERN (Continued) **S101296789**

Facility Id:	908130216	
Status:	Case Closed	
Substance:	Benzene	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701935	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19060	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		10/8/1990
Date Leak Record Entered:	4/22/1991	
Date Confirmation Began:	10/8/1990	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/22/1996
Date the Case was Closed:		7/22/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		15991.5754276553453155769440 23
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		4/30/1993
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BLANK RP	
RP Address:	1031 TAHACHEPE DR, LONG BEACH CA 90807	
Program:	LUST	
Lat/Long:	33.7847277 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	8/20/91-LETTER FROM LAWYER	

B18 **CITY TOW SERVICE & GARAGE INC** **EDR US Hist Auto Stat** **1009050512**
North **1630 SAN FRANCISCO AVE** **N/A**
< 1/8 **LONG BEACH, CA**
0.013 mi.
66 ft. **Site 1 of 6 in cluster B**

Relative:
Higher

Actual:
17 ft.

EDR Historical Auto Stations:

Name: CITY TOW SERVICE & GARAGE INC
Year: 1969
Type: AUTOMOBILE REPAIRING

Name: CITY TOW SERVICE & GARAGE INC
Year: 1969
Type: AUTOMOBILE REPAIRING

Name: MYLO AUTO BODY
Year: 1999
Address: 1630 SAN FRANCISCO AVE

Name: MYLO AUTO BODY
Year: 2001
Address: 1630 SAN FRANCISCO AVE

Name: MYLO AUTO BODY
Year: 2002
Address: 1630 SAN FRANCISCO AVE

Name: MYLO AUTO BODY
Year: 2003
Address: 1630 SAN FRANCISCO AVE

Name: MYLO AUTO BODY
Year: 2004
Address: 1630 SAN FRANCISCO AVE

Name: MYLO AUTO BODY
Year: 2005
Address: 1630 SAN FRANCISCO AVE

Name: MYLO AUTO BODY
Year: 2006
Address: 1630 SAN FRANCISCO AVE

Name: MYLO AUTO BODY
Year: 2008
Address: 1630 SAN FRANCISCO AVE

B19 **CITY TOW SERVICE & GARAGE INC** **EDR US Hist Auto Stat** **1009015044**
North **1630 S SAN FERNANDO BLVD** **N/A**
< 1/8 **LONG BEACH, CA**
0.013 mi.
66 ft. **Site 2 of 6 in cluster B**

Relative:
Higher

Actual:
17 ft.

EDR Historical Auto Stations:

Name: CITY TOW SERVICE & GARAGE INC
Year: 1969
Type: AUTOMOBILE REPAIRING

B20
North
< 1/8
0.013 mi.
66 ft.

CA UST **U003920250**
N/A

1630 SAN FRANCISCO AVE
LONG BEACH, CA

Site 3 of 6 in cluster B

Relative:
Higher

Actual:
17 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

B21
North
< 1/8
0.014 mi.
75 ft.

EDR US Hist Auto Stat **1015258580**
N/A

1634 SAN FRANCISCO AVE
LONG BEACH, CA 90813

Site 4 of 6 in cluster B

Relative:
Higher

Actual:
17 ft.

EDR Historical Auto Stations:

Name:	FRANKS BODY SHOP
Year:	2002
Address:	1634 SAN FRANCISCO AVE

22
South
< 1/8
0.015 mi.
77 ft.

CA UST **U003919747**
N/A

0824 W ANAHEIM ST
LONG BEACH, CA

Relative:
Lower

Actual:
11 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	1F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

C23
NE
< 1/8
0.020 mi.
106 ft.

SEVEN STRAND TACKLE CORP
899 W COWLES ST
LONG BEACH, CA 90813

RCRA-SQG **1000593513**
FINDS **CAD982446585**
CA HAZNET

Site 1 of 2 in cluster C

Relative:
Lower

Actual:
12 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	SEVEN STRAND TACKLE CORP
Facility address:	899 W COWLES ST LONG BEACH, CA 90813
EPA ID:	CAD982446585
Mailing address:	W COWLES ST LONG BEACH, CA 90813
Contact:	Not reported
Contact address:	Not reported Not reported

SEVEN STRAND TACKLE CORP (Continued) **1000593513**

Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: BILL BUCHANAN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/22/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

SEVEN STRAND TACKLE CORP (Continued) **1000593513**

Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002814964

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

envid: 1000593513
Year: 2009
GEPAID: CAD982446585
Contact: LAURIE HOCKER/OFFICE MANAGER
Telephone: 5624371010
Mailing Name: Not reported
Mailing Address: 729 W 16TH STREET A4
Mailing City,St,Zip: COSTA MESA, CA 926270000
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 24.7
Facility County: Los Angeles

envid: 1000593513
Year: 2005
GEPAID: CAD982446585
Contact: LAURIE HOCKER/OFFICE MANAGER
Telephone: 5624371010
Mailing Name: Not reported
Mailing Address: 729 W 16TH STREET A4
Mailing City,St,Zip: COSTA MESA, CA 926270000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Tons: 1
Facility County: Los Angeles

envid: 1000593513
Year: 2005
GEPAID: CAD982446585
Contact: LAURIE HOCKER/OFFICE MANAGER
Telephone: 5624371010
Mailing Name: Not reported
Mailing Address: 729 W 16TH STREET A4

SEVEN STRAND TACKLE CORP (Continued) **1000593513**

Mailing City,St,Zip:	COSTA MESA, CA 926270000
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Liquids with pH <= 2
Disposal Method:	Transfer Station
Tons:	0.02
Facility County:	Los Angeles

envid:	1000593513
Year:	2005
GEPAID:	CAD982446585
Contact:	LAURIE HOCKER/OFFICE MANAGER
Telephone:	5624371010
Mailing Name:	Not reported
Mailing Address:	729 W 16TH STREET A4
Mailing City,St,Zip:	COSTA MESA, CA 926270000
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Recycler
Tons:	0.5
Facility County:	Los Angeles

envid:	1000593513
Year:	2004
GEPAID:	CAD982446585
Contact:	LAURIE HOCKER/OFFICE MANAGER
Telephone:	5624371010
Mailing Name:	Not reported
Mailing Address:	729 W 16TH STREET A4
Mailing City,St,Zip:	COSTA MESA, CA 926270000
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Recycler
Tons:	0.12
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
16 additional CA_HAZNET: record(s) in the EDR Site Report.

B24 **LONG BEACH SEAFOODS CO** **CA UST** **U003660000**
NNE **0845 W 16TH ST** **N/A**
< 1/8 **LONG BEACH, CA**
0.021 mi.
113 ft. **Site 5 of 6 in cluster B**

Relative:
Higher

Actual:
15 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

D25 North < 1/8 0.044 mi. 234 ft. | **OCEAN BLUE ENVIRONMENTAL SVC**
925 W ESTHER ST
LONG BEACH, CA 90813 | **RCRA NonGen / NLR**
PADS
FINDS | **1000596842**
CAD983608258

Site 1 of 4 in cluster D

Relative: Higher

Actual: 17 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/27/1994
Facility name:	OCEAN BLUE ENVIRONMENTAL SVC
Facility address:	925 W ESTHER ST LONG BEACH, CA 90813
EPA ID:	CAD983608258
Mailing address:	4119 COLORADO ST LONG BEACH, CA 90814
Contact:	SCOTT TRACY
Contact address:	925 W ESTHER ST LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(310) 433-2726
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	OCEAN BLUE ENVIRONMENTAL SVC
Owner/operator address:	925 W ESTHER ST LONG BEACH, CA 90813
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 433-2726
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	11/06/2002
Date achieved compliance:	11/21/2002

OCEAN BLUE ENVIRONMENTAL SVC (Continued) **1000596842**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/06/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 11/06/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/21/2002
Evaluation lead agency: State

PADS:
EPAID: CAD983608258
Facility name: OCEAN BLUE ENVIRONMENTAL SVC
Facility Address: 925 W ESTHER ST
LONG BEACH, CA 90813
Facility country: US
Generator: No
Storer: No
Transporter: Yes
Disposer: No
Research facility: No
Smelter: No
Facility owner name: RON DARE
Contact title: PRESIDENT
Contact name: RON DARE
Contact tel: 562-624-4120
Contact extension: Not reported
Mailing address: 925 W ESTER ST.
LONG BEACH, CA 90813
Mailing country: US
Cert. title: PRESIDENT
Cert. name: RON DARE
Cert. date: 04/10/2013
Date received: 06/14/2013

FINDS:

Registry ID: 110002862741

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

OCEAN BLUE ENVIRONMENTAL SVC (Continued) **1000596842**

corrective action activities required under RCRA.

D26 North < 1/8 0.044 mi. 234 ft. **ALLWASTE SERVICES, INC.**
925 W ESTHER ST
LONG BEACH, CA 90813
CA HAULERS **S103676402**
CA HWP **N/A**
CA MWMP

Site 2 of 4 in cluster D

Relative: Higher

Actual: 17 ft.

HAULERS:

Facility ID:	1003834
Facility Phone:	(562) 624-4120
Business Email Address:	Not reported
Contact Person:	SCOTT TRACY, Karen Carrillo, Stewart Roseman
Mailing Address:	3110 Hancock St
Mailing City:	San Diego
Mailing State:	CA
Mailing Zip:	92110-4415
Mailing County:	San Diego
Mailing Phone:	Not reported
Waste Tire Permit Summary:	No Permit record for this business.

Detail:

SR#:	841
Current Role:	Hauler
Current Role Status:	Registered
Facility ID:	1003834
SR#:	841
Current Role:	End Use
Current Role Status:	Yes
Facility ID:	1003834
SR#:	841
Current Role:	Generator
Current Role Status:	Small Quantity
Facility ID:	1003834

HWP:

EPA Id:	CAT080029952
Cleanup Status:	UNDERGOING CLOSURE
Latitude:	33.78653
Longitude:	-118.2203
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	N/A
Assembly District:	70
Senate District:	33
Public Information Officer:	Not reported

Activities:

EPA Id:	CAT080029952
Facility Type:	Historical - Non-Operating
Unit Names:	Unit 1
Event Description:	Renewal - No Changes - APPLICATION PART A RECEIVED

ALLWASTE SERVICES, INC. (Continued) **S103676402**

Actual Date: 04/05/1993

EPA Id: CAT080029952
Facility Type: Historical - Non-Operating
Unit Names: Unit 1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 09/20/1988

EPA Id: CAT080029952
Facility Type: Historical - Non-Operating
Unit Names: Unit 1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 09/20/1988

EPA Id: CAT080029952
Facility Type: Historical - Non-Operating
Unit Names: Unit 1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 09/20/1993

Alias:
EPA Id: CAT080029952
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: N/A

MWMP:
Facility Type: MEDICAL WASTE TRANSPORTERS - December 12, 2014
Contact Name: Not reported
Contact Phone: 562-624-4120
Registration Number: 3354

D27
North
< 1/8
0.044 mi.
234 ft.

Relative:
Higher

Actual:
17 ft.

OCEAN BLUE ENVIRONMENTAL SERVICES, INC. **CA HWT** **S108487598**
925 WEST ESTHER STREET **N/A**
LONG BEACH, CA 90813

Site 3 of 4 in cluster D

HWT:
Reg Num: 3354
Expiration Date: 09/30/2014

B28
NNE
< 1/8
0.045 mi.
235 ft.

Relative:
Higher

Actual:
17 ft.

LONG BEACH SEAFOODS CO **CA UST** **U003659999**
0825 W 16TH ST **N/A**
LONG BEACH, CA

Site 6 of 6 in cluster B

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0T
Tank Test: Not reported
Leak Test: Not reported

LONG BEACH SEAFOODS CO (Continued) **U003659999**

Tank Status: Not reported

E29
SE
< 1/8
0.049 mi.
260 ft.

Relative:
Lower

Actual:
11 ft.

0750 W ANAHEIM ST
LONG BEACH, CA

CA UST **U003919745**
N/A

Site 1 of 2 in cluster E

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	2F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

E30
SE
< 1/8
0.054 mi.
285 ft.

Relative:
Lower

Actual:
10 ft.

CHEVRON #209725 (2 D/W XERXES 15 & 20M)
0725 W ANAHEIM ST
LONG BEACH, CA

CA UST **U003854693**
N/A

Site 2 of 2 in cluster E

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	2T
Tank Test:	Dual Walled
Leak Test:	Not reported
Tank Status:	Not reported

F31
East
< 1/8
0.060 mi.
317 ft.

Relative:
Lower

Actual:
11 ft.

HARBOR DIESEL & EQUIPMENT INCORPORATED
537 WEST ANAHEIM STREET
LONG BEACH, CA 90813

RCRA-SQG **1000340407**
FINDS **CAD054830187**

Site 1 of 5 in cluster F

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	ARBOR DIESEL & EQUIPMENT, INC.
Facility address:	537 WEST ANAHEIM ST. LONG BEACH, CA 90813
EPA ID:	CAD054830187
Mailing address:	P O BOX 21399 LONG BEACH, CA 90801
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous

HARBOR DIESEL & EQUIPMENT INCORPORATED (Continued) **1000340407**

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	JAMES V. ZUPANOVICH
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	05/13/1986
Site name:	ARBOR DIESEL & EQUIPMENT, INC.
Classification:	Large Quantity Generator
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	04/10/1992
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported

HARBOR DIESEL & EQUIPMENT INCORPORATED (Continued) **1000340407**

Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002650079

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

F32 **HARBOR DIESEL & EQUIPMENT INC** **CA HIST CORTESE** **U003660140**
East **0537 W ANAHEIM ST** **CA LUST** **N/A**
< 1/8 **LONG BEACH, CA** **CA UST**
0.060 mi.
317 ft. **Site 2 of 5 in cluster F**

Relative:
Lower

Actual:
11 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908130125

LUST:
Region: STATE
Global Id: T0603701927
Latitude: 33.782925
Longitude: -118.198342
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/23/1987
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: YR
Local Agency: LONG BEACH, CITY OF
RB Case Number: 908130125
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603701927
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200

HARBOR DIESEL & EQUIPMENT INC (Continued) **U003660140**

City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701927
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701927
Status:	Open - Case Begin Date
Status Date:	08/22/1986

Global Id:	T0603701927
Status:	Completed - Case Closed
Status Date:	11/23/1987

Regulatory Activities:

Global Id:	T0603701927
Action Type:	Other
Date:	08/22/1986
Action:	Leak Reported

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	908130125	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		CBCD
Global ID:	T0603701927	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19060	
Cross Street:	MAGNOLIA	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		8/22/1986
Date Leak Record Entered:	9/9/1987	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		3/18/1992
Date the Case was Closed:		11/23/1987
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	

HARBOR DIESEL & EQUIPMENT INC (Continued) **U003660140**

Leak Source:	UNK
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	15686.001950599092725149006397
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	HARBOR DIESEL & EQUIP, INC
RP Address:	537 W ANAHEIM ST, LONG BEACH, CA 90813
Program:	LUST
Lat/Long:	33.7827157 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	SIGNED OFF ON 11/23/87

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

F33 **CLARIANT CORP** **CA AST** **A100323455**
East **801 W 14TH ST** **N/A**
< 1/8 **LONG BEACH, CA 90813**
0.060 mi.
317 ft. **Site 3 of 5 in cluster F**

Relative:
Lower

Actual:
11 ft.

AST:

Certified Unified Program Agencies:	Long Beach
Owner:	CLARIANT CORP
Total Gallons:	8,000

F34 East < 1/8 0.060 mi. 317 ft. | **T R OIL SERVICES L O B**
801 WEST 14TH STREET
LONG BEACH, CA 90813

Site 4 of 5 in cluster F

Relative: Lower

Actual: 11 ft.

RCRA NonGen / NLR
FINDS
CA HIST CORTESE
CA LUST
CA FID UST
CA SLIC
CA UST
CA HIST UST
CA SWEEPS UST

1000243102
CAD981380199

RCRA NonGen / NLR:

Date form received by agency:	04/02/2002
Facility name:	T R OIL SERVICES L O B
Facility address:	801 WEST 14TH STREET LONG BEACH, CA 90813
EPA ID:	CAD981380199
Mailing address:	2675 JUNIPERO AVE STE 800 SIGNAL HILL, CA 90806
Contact:	DEVON BENCH
Contact address:	801 WEST 14TH STREET LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(562) 436-9901
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	T R OIL SERVICES INC
Owner/operator address:	333 N SAM HOUSTON PKWY NO 900 HOUSTON, TX 77060
Owner/operator country:	Not reported
Owner/operator telephone:	(281) 447-7728
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

T R OIL SERVICES L O B (Continued) **1000243102**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U078
. Waste name: 1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

Violation Status: No violations found

FINDS:

T R OIL SERVICES L O B (Continued) **1000243102**

Registry ID: 110002687441

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	9080130407

LUST:

Region:	STATE
Global Id:	T0603701954
Latitude:	33.7839377
Longitude:	-118.2020612
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/04/1997
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130407
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701954
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701954
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

T R OIL SERVICES L O B (Continued) **1000243102**

Status History:

Global Id:	T0603701954
Status:	Completed - Case Closed
Status Date:	04/04/1997
Global Id:	T0603701954
Status:	Open - Case Begin Date
Status Date:	02/03/1989
Global Id:	T0603701954
Status:	Open - Site Assessment
Status Date:	04/06/1989

Regulatory Activities:

Global Id:	T0603701954
Action Type:	Other
Date:	02/03/1989
Action:	Leak Discovery
Global Id:	T0603701954
Action Type:	Other
Date:	02/03/1989
Action:	Leak Stopped
Global Id:	T0603701954
Action Type:	Other
Date:	03/04/1989
Action:	Leak Reported

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	908130407	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701954	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19060	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	2/3/1989	
Date Leak First Reported:		3/4/1989
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	2/3/1989	
Date Case Last Changed on Database:		3/24/1997
Date the Case was Closed:		4/4/1997
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	

T R OIL SERVICES L O B (Continued) **1000243102**

Cause of Leak:	Corrosion
Leak Source:	Tank
Operator:	OLD CASE #040689-02
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	16037.927017457114671658614842
Source of Cleanup Funding:	Tank
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	4/6/1989
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	TECHNICAL SERVICES COMPANY
RP Address:	SAME AS SITE
Program:	LUST
Lat/Long:	33.7839377 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	SOIL TPH (MAX)= 29 MG/KG. G/W @ 10’ DEEP.

CA FID UST:

Facility ID:	19056600
Regulated By:	UTNKA
Regulated ID:	00003103
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2134369901
Mail To:	Not reported
Mailing Address:	801 W 014TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG BEACH 90813
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SLIC:

Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**

T R OIL SERVICES L O B (Continued) **1000243102**

Status Date:	02/02/2012
Global Id:	SL204EB2404
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.783791
Longitude:	-118.200043
Case Type:	Cleanup Program Site
Case Worker:	RE
Local Agency:	Not reported
RB Case Number:	204EB00
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern:	Benzene, Toluene, Xylene, Diesel, Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	Site Assessment
SLIC:	0988
Substance:	TPH/VOCs
Staff:	RE

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000003103
Facility Type:	Other
Other Type:	Not reported
Contact Name:	JOHN D. WOODRUFF
Telephone:	2134369901
Owner Name:	TECHNICAL SERVICE COMPANY
Owner Address:	801 WEST 14TH STREET
Owner City,St,Zip:	LONG BEACH, CA 90813
Total Tanks:	0005
Tank Num:	001
Container Num:	1
Year Installed:	1968
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2

T R OIL SERVICES L O B (Continued) **1000243102**

Year Installed: 1978
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: 1978
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: 1965
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

SWEEPS UST:
Status: Active
Comp Number: 3103
Number: 9
Board Of Equalization: 44-013286
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 19-060-003103-000001
Tank Status: A
Capacity: 5000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 5

Status: Active
Comp Number: 3103
Number: 9
Board Of Equalization: 44-013286
Referral Date: 07-01-85

T R OIL SERVICES L O B (Continued) **1000243102**

Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	19-060-003103-000002
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	3103
Number:	9
Board Of Equalization:	44-013286
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	3
SWRCB Tank Id:	19-060-003103-000003
Tank Status:	A
Capacity:	5000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	3103
Number:	9
Board Of Equalization:	44-013286
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	4
SWRCB Tank Id:	19-060-003103-000004
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	3103
Number:	9
Board Of Equalization:	44-013286
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	5
SWRCB Tank Id:	19-060-003103-000005
Tank Status:	A
Capacity:	1500

T R OIL SERVICES L O B (Continued) **1000243102**

Active Date: 07-01-85
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

C35
ENE
< 1/8
0.060 mi.
318 ft.

812 W COWLES ST
LONG BEACH, CA 90813

Site 2 of 2 in cluster C

EDR US Hist Auto Stat **1015644433**
N/A

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:

Name: NUMBER ONE AUTO TOWING INC
Year: 2010
Address: 812 W COWLES ST

Name: NUMBER ONE AUTO TOWING INC
Year: 2011
Address: 812 W COWLES ST

Name: NUMBER ONE AUTO TOWING INC
Year: 2012
Address: 812 W COWLES ST

G36
NE
< 1/8
0.068 mi.
358 ft.

BKK CORP
0800 W 15TH ST
LONG BEACH, CA

Site 1 of 6 in cluster G

CA HIST CORTESE **U001566289**
CA LUST **N/A**
CA UST
CA HIST UST

Relative:
Higher

Actual:
15 ft.

HIST CORTESE:

Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908130570

LUST:

Region: STATE
Global Id: T0603701968
Latitude: 33.7856437
Longitude: -118.2020413
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/02/1986
Lead Agency: LONG BEACH, CITY OF
Case Worker: CP
Local Agency: LONG BEACH, CITY OF
RB Case Number: 908130570
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

BKK CORP (Continued) **U001566289**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701968
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701968
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701968
Status:	Open - Case Begin Date
Status Date:	09/15/1986

Global Id:	T0603701968
Status:	Completed - Case Closed
Status Date:	12/02/1986

Regulatory Activities:

Global Id:	T0603701968
Action Type:	ENFORCEMENT
Date:	12/06/2006
Action:	* No Action

Global Id:	T0603701968
Action Type:	Other
Date:	09/15/1986
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130570
Status:	Case Closed
Substance:	Waste Oil
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701968
W Global ID:	Not reported

BKK CORP (Continued) **U001566289**

Staff:	UNK	
Local Agency:	19060	
Cross Street:	SAN FRANCISCO AVE	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		9/15/1986
Date Leak Record Entered:	8/5/1987	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/15/1986
Date the Case was Closed:		12/2/1986
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		15549.114847403879820428084256
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BKK CORPORATION	
RP Address:	2550 237TH ST, TORRANCE, CA 90505	
Program:	LUST	
Lat/Long:	33.7856437 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

BKK CORP (Continued) **U001566289**

HIST UST:

Region:	STATE
Facility ID:	00000016806
Facility Type:	Other
Other Type:	TRUCK TERMINAL
Contact Name:	JOHN LAMBIE
Telephone:	2134328461
Owner Name:	BKK CORPORATION
Owner Address:	2550 237TH STREET
Owner City,St,Zip:	TORRANCE, CA 90505
Total Tanks:	0004
Tank Num:	001
Container Num:	LOI
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None
Tank Num:	002
Container Num:	LO2
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, None
Tank Num:	003
Container Num:	LO3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	LO4
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

G37 NE < 1/8 0.068 mi. 358 ft. | **CHANCELLOR & OGDEN**
800 W 15TH ST
LONG BEACH, CA 90813 | **RCRA NonGen / NLR**
FINDS | **1000308113**
CAD980880538

Site 2 of 6 in cluster G

Relative: Higher

Actual: 15 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/30/1983
Facility name:	CHANCELLOR & OGDEN
Facility address:	800 W 15TH ST LONG BEACH, CA 90813
EPA ID:	CAD980880538
Mailing address:	2550 SECOND HUNDRED THIRTY SEV TORRANCE, CA 90505
Contact:	ENVIRONMENTAL MANAGER
Contact address:	800 W 15TH ST LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 539-7150
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	BKK CORPORATION
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

CHANCELLOR & OGDEN (Continued) **1000308113**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110009533406

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

G38 **BKK CORPORATION/READY STORAGE** **CA SLIC** **S106483993**
NE **800 WEST 15TH STREET** **CA HAZNET** **N/A**
< 1/8 **LONG BEACH, CA 90813**
0.068 mi.
358 ft. **Site 3 of 6 in cluster G**

Relative:
Higher

Actual:
15 ft.

SLIC:
Region: STATE
Facility Status: **Open - Verification Monitoring**
Status Date: 07/22/2014
Global Id: SL2047J1677
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 33.7856213133775
Longitude: -118.201775550842
Case Type: Cleanup Program Site
Case Worker: JB
Local Agency: Not reported
RB Case Number: 0876
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern: Not reported
Site History: The site, which contains a two story storage facility, is located on the southeast corner of the intersection of West 15th Street and San Francisco Street. Contaminants of concern include petroleum hydrocarbons from former fuel USTs as well as PCE and its breakdown products.

Click here to access the California GeoTracker records for this facility:

HAZNET:
envid: S106483993
Year: 2013
GEPAID: CAC002743061
Contact: ROGER DE YOUNG
Telephone: 9492962810
Mailing Name: Not reported
Mailing Address: 2210 AZUSA AVE
Mailing City,St,Zip: WEST COVINA, CA 91762

BKK CORPORATION/READY STORAGE (Continued) **S106483993**

Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.21
Facility County:	Not reported

G39
NE
< 1/8
0.069 mi.
362 ft.

IT CORP-ROUTH TRANSPORT & TRANSFER FAC **RCRA NonGen / NLR** **1000180416**
800 15TH ST **FINDS** **CAD041156464**
LONG BEACH, CA 90813

Site 4 of 6 in cluster G

Relative:
Higher

Actual:
15 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/18/1980
Facility name:	IT CORP-ROUTH TRANSPORT & TRANSFER FAC
Facility address:	800 15TH ST LONG BEACH, CA 90813
EPA ID:	CAD041156464
Mailing address:	336 W ANAHEIM ST WILMINGTON, CA 90744
Contact:	ENVIRONMENTAL MANAGER
Contact address:	800 15TH ST LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 830-1781
Contact email:	Not reported
EPA Region:	09
Land type:	Other land type
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	IT TRANSPORTATION CORP
Owner/operator address:	336 W ANAHEIM ST NOT REQUIRED, CA 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 830-1781
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ROUTH TRANSPORTATION CORPORATION
Owner/operator address:	800 W 15TH ST LONG BEACH, CA 90813
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 435-4823
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

IT CORP-ROUTH TRANSPORT & TRANSFER FAC (Continued) **1000180416**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/06/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110002644069

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

G40 **BKK CORPORATION** **CA FID UST** **S101629836**
NE **800 W 015TH ST** **CA SWEEPS UST** **N/A**
< 1/8 **LONG BEACH, CA 90813**
0.069 mi.
362 ft. **Site 5 of 6 in cluster G**

Relative:
Higher

Actual:
15 ft.

CA FID UST:
Facility ID: 19056630
Regulated By: UTNKA
Regulated ID: 00016806
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134328461
Mail To: Not reported
Mailing Address: 2550 237TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LONG BEACH 90813
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported

BKK CORPORATION (Continued) **S101629836**

EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 16806
Number: 9
Board Of Equalization: 44-010634
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: LO1
SWRCB Tank Id: 19-060-016806-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 4

Status: Active
Comp Number: 16806
Number: 9
Board Of Equalization: 44-010634
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: LO2
SWRCB Tank Id: 19-060-016806-000002
Tank Status: A
Capacity: 7500
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 16806
Number: 9
Board Of Equalization: 44-010634
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: LO3
SWRCB Tank Id: 19-060-016806-000003
Tank Status: A
Capacity: Not reported
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active

BKK CORPORATION (Continued) **S101629836**

Comp Number:	16806
Number:	9
Board Of Equalization:	44-010634
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	LO4
SWRCB Tank Id:	19-060-016806-000004
Tank Status:	A
Capacity:	Not reported
Active Date:	07-01-85
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

H41 **VACANT** **CA UST** **U003854692**
SE **0710 W ANAHEIM ST** **N/A**
< 1/8 **LONG BEACH, CA**
0.071 mi.
376 ft. **Site 1 of 7 in cluster H**

Relative:
Lower

Actual:
10 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

H42 **ARAMARK UNIFORM & CAREER APPAREL** **RCRA-LQG** **1008194413**
SE **702 W ANAHEIM ST** **CAD982030140**
< 1/8 **LONG BEACH, CA 90813**
0.071 mi.
376 ft. **Site 2 of 7 in cluster H**

Relative:
Lower

Actual:
10 ft.

RCRA-LQG:

Date form received by agency:	03/01/2014
Facility name:	ARAMARK UNIFORM & CAREER APPAREL
Facility address:	702 W ANAHEIM ST LONG BEACH, CA 90813
EPA ID:	CAD982030140
Mailing address:	N FIRST ST BURBANK, CA 91502
Contact:	DOUG HELMSTETLER
Contact address:	N FIRST ST BURBANK, CA 91502
Contact country:	Not reported
Contact telephone:	(818) 973-3772
Contact email:	DOUG.HELMSTETLER@UNIFORM.ARAMARK.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the

ARAMARK UNIFORM & CAREER APPAREL (Continued) **1008194413**

cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	LONG BEACH RESCUE MISSION
Owner/operator address:	W ANAHEIM ST
	LONG BEACH, CA 90813
Owner/operator country:	Not reported
Owner/operator telephone:	(562) 495-9577
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2012
Owner/Op end date:	Not reported

Owner/operator name:	ARAMARK UNIFORM & CAREER APPAREL
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1988
Owner/Op end date:	Not reported

Owner/operator name:	ARATEX SERVICES INC
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ARAMARK UNIFORM AND CAREER APPAREL
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/31/1988
Owner/Op end date:	Not reported

Owner/operator name:	MIGHTY WHITEY LLC
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner

ARAMARK UNIFORM & CAREER APPAREL (Continued) **1008194413**

Owner/Op start date: 03/28/2003
Owner/Op end date: Not reported

Owner/operator name: MIGHTY WHITEY, LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/2003
Owner/Op end date: Not reported

Owner/operator name: MIGHTY WHITEY, LLC
Owner/operator address: 702 W. ANAHEIM STREET
LONG BEACH, CA 90813
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/2003
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D043
. Waste name: VINYL CHLORIDE

Historical Generators:
Date form received by agency: 02/18/2004
Site name: ARAMARK UNIFORM & CAREER APPAREL, INC.

ARAMARK UNIFORM & CAREER APPAREL (Continued) **1008194413**

Classification: Small Quantity Generator

Date form received by agency: 02/18/2004
Site name: ARAMARK UNIFORM & CAREER APPAREL, INC.
Classification: Large Quantity Generator

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 04/15/2003
Site name: ARAMARK UNIFORM AND CAREER APPAREL INC
Classification: Large Quantity Generator

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 09/01/1996
Site name: SERVISCO
Classification: Small Quantity Generator

Violation Status: No violations found

H43 **SOFT WATER LAUNDRY & DRY CLEANING CO** **EDR US Hist Cleaners** **1009141824**
SE **702 W ANAHEIM ST** **N/A**
< 1/8 **LONG BEACH, CA**
0.071 mi.
376 ft. **Site 3 of 7 in cluster H**

Relative:
Lower

Actual:
10 ft.

EDR Historical Cleaners:
Name: SOFT WATER LAUNDRY CO
Year: 1920
Type: LAUNDRIES

Name: SOFT WATER LAUNDRY
Year: 1924
Type: LAUNDRIES

Name: SOFT WATER LAUNDRY CO
Year: 1931
Type: LAUNDRIES-STEAM

SOFT WATER LAUNDRY & DRY CLEANING CO (Continued) **1009141824**

Name: SOFT WATER LAUNDRY CO
Year: 1935
Type: LAUNDRIES-STEAM

Name: SOFT WATER LAUNDRY CO
Year: 1935
Type: LAUNDRIES STEAM

Name: SOFT WATER LAUNDRY CO
Year: 1939
Type: LAUNDRIES-STEAM

Name: SOFT WATER LAUNDRY CO
Year: 1939
Type: LAUNDRIES STEAM

Name: SOFT WATER LAUNDRY CO
Year: 1944
Type: LAUNDRIES STEAM

Name: SOFT WATER LAUNDRY CO
Year: 1944
Type: CLOTHES PRESSERS AND CLEANERS

Name: SOFT WATER LAUNDRY CO
Year: 1944
Type: CLOTHES PRESSERS AND CLEANERS

Name: SOFT WATER LAUNDRY CO
Year: 1944
Type: LAUNDRIES-STEAM

Name: SOFT WATER LAUNDRY CO
Year: 1948
Type: LAUNDRIES STEAM

Name: SOFT WATER LAUNDRY CO
Year: 1948
Type: LAUNDRIES STEAM

Name: SOFT WATER LAUNDRY CO
Year: 1948
Type: DRY CLEANERS

Name: LFT WATER LAUNDRY CO
Year: 1948
Type: CLOTHES PRESSERS AND CLEANERS

Name: LFT WATER LAUNDRY CO
Year: 1948
Type: CLOTHES PRESSERS AND CLEANERS

Name: SOFT WATER LAUNDRY CO
Year: 1948
Type: DRY CLEANERS

Name: SOFT WATER LAUNDRY AND DRY CLEAN- ING CO

SOFT WATER LAUNDRY & DRY CLEANING CO (Continued) **1009141824**

Year: 1952
Type: LAUNDRIES - STEAM

Name: SOFT WATER LAUNDRY & DRY CLEANING CO
Year: 1952
Type: CLEANERS GARMENTS, CURTAINS AND DRAPERIES

Name: SOFT WATER LAUNDRY & DRY CLEAN- ING CO
Year: 1952
Type: CLEANERS AND DYERS

Name: SOFT WATER LAUNDRY & DRY CLEANING CO
Year: 1952
Type: DRY CLEANERS

Name: SOFT WATER LAUNDRY & DRY CLEAN- ING CO
Year: 1957
Type: LAUNDRIES

Name: SOFT WATER LAUNDRY & DRY CLEAN- ING CO
Year: 1957
Type: CALIF CLEANERS AND DYERS

Name: SOFT WATER LAUNDRY & DRY CLEAN- ERS
Year: 1963
Type: LAUNDRIES AND DRY CLEANING

Name: SOFT WATER LAUNDRY & DRY CLEAN- ERS
Year: 1963
Type: DRY CLEANERS

Name: SOFT WATER LAUNDRY & DRY CLEAN- ERS
Year: 1963
Type: LAUNDRIES AND DRY CLEANING

Name: SOFT WATER LAUNDRY & DRY CLEAN- ERS
Year: 1963
Type: DRY CLEANERS

Name: SOFT WATER LAUNDRY & DRY CLEAN- ERS
Year: 1969
Type: DRY CLEANERS

Name: SOFT WATER LAUNDRY & DRY CLEAN- ERS
Year: 1969
Type: LAUNDRIES

Name: SOFT WATER LAUNDRY & DRY CLEAN- ERS
Year: 1969
Type: DRY CLEANERS

Name: SOFT WATER LAUNDRY & DRY CLEAN- ERS
Year: 1969
Type: LAUNDRIES

Name: SOFT WATER LAUNDRY & DRY CLEAN- ERS
Year: 1969

SOFT WATER LAUNDRY & DRY CLEANING CO (Continued) **1009141824**

Type: DRY CLEANERS

H44
SE
< 1/8
0.071 mi.
376 ft.

ARATEX SERVICES (ARAMARK) **CA HIST CORTESE** **S101296671**
702 ANAHEIM **N/A**
LONG BEACH, CA 90813

Site 4 of 7 in cluster H

Relative:
Lower

Actual:
10 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130161

H45
SE
< 1/8
0.071 mi.
376 ft.

ARATEX SERVICES (ARAMARK) **CA LUST** **S102057754**
702 ANAHEIM ST W **CA LOS ANGELES CO. HMS** **N/A**
LONG BEACH, CA 90813

Site 5 of 7 in cluster H

Relative:
Lower

Actual:
10 ft.

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130161
Status:	Remedial action (cleanup) Underway
Substance:	Solvents
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Pump and Treat Groundwater
Global ID:	T0603701930
W Global ID:	Not reported
Staff:	SLC
Local Agency:	19060
Cross Street:	OREGON
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	1/19/1988
Date Leak Record Entered:	3/10/1988
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	3/1/1998
Date the Case was Closed:	Not reported
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	16188.1111823400269342011055 97
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	3/18/1988

ARATEX SERVICES (ARAMARK) (Continued) **S102057754**

Remediation Plan Submitted:	Not reported
Remedial Action Underway:	3/1/1998
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	ARATEX SERVICES, INC.
RP Address:	1834 WALDEN OFFICE SQ. SUITE 450, SCHAUMBURG, IL 60173
Program:	SLIC
Lat/Long:	33.7825327 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	LOP/LOW - MINOR OR NO POTENTIAL WATER RESOURCE IMPACT
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	CONSULTANT:DEPAUL AND ASSOCIATES, INC.(312)397-9500,WILLIAM WITHROW SOLVENT CASE PER DAB

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	005146-005344
Facility Type:	Not reported
Facility Status:	Removed
Area:	29
Permit Number:	Not reported
Permit Status:	Not reported

H46 **ARATEX SERVICES** **CA SLIC** **S103546802**
SE **702 ANAHEIM** **N/A**
< 1/8 **LONG BEACH, CA 90813**
0.071 mi.
376 ft. **Site 6 of 7 in cluster H**

Relative:
Lower

Actual:
10 ft.

SLIC REG 4:

Region:	4
Facility Status:	Remediation
SLIC:	0678
Substance:	VOCs
Staff:	Jenny Au

H47 SE < 1/8 0.071 mi. 376 ft. | **AMERICAN BUFFALO INC** | **CA UST** | **U003660149** | **N/A**
0702 W ANAHEIM ST
LONG BEACH, CA

Site 7 of 7 in cluster H

Relative: Lower

Actual: 10 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

I48 South < 1/8 0.074 mi. 392 ft. | **AIR PROD AND CHEM INC** | **CERC-NFRAP** | **1000985044**
901 W 12TH ST | **RCRA-SQG** | **CAR000001537**
LONG BEACH, CA 90813 | **FINDS**

Site 1 of 4 in cluster I

Relative: Lower

Actual: 10 ft.

CERC-NFRAP:

Site ID:	0901020
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13286563.00000
Person ID:	13003854.00000
Contact Sequence ID:	13292158.00000
Person ID:	13003858.00000
Contact Sequence ID:	13298016.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	AIR PRODUCTS & CHEMICALS INC
Alias Address:	Not reported
	CA

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	04/01/86
Priority Level:	Not reported
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	02/01/87
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	04/01/86
Date Completed:	02/01/87
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information

AIR PROD AND CHEM INC (Continued) **1000985044**

RCRA-SQG:

Date form received by agency:	03/27/1995
Facility name:	AIR PROD AND CHEM INC
Facility address:	901 W 12TH ST LONG BEACH, CA 90813
EPA ID:	CAR000001537
Mailing address:	W 12TH ST LONG BEACH, CA 90813
Contact:	SHELLEY STUART
Contact address:	901 W 12TH ST LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(310) 437-0462
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	AIR PROD AND CHEM INC
Owner/operator address:	7201 HAMILTON BLVD LONG BEACH, CA 90813
Owner/operator country:	Not reported
Owner/operator telephone:	(610) 481-4911
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002905161

AIR PROD AND CHEM INC (Continued) **1000985044**

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

I49
South
< 1/8
0.075 mi.
398 ft.

LIZETTE CREATIONS **CA UST** **U003659963**
0950 W 12TH ST **N/A**
LONG BEACH, CA

Site 2 of 4 in cluster I

Relative:
Lower

Actual:
11 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

J50
NNE
< 1/8
0.082 mi.
432 ft.

SEUSS C E **EDR US Hist Auto Stat** **1009079684**
818 W 16TH ST **N/A**
LOS ANGELES, CA

Site 1 of 7 in cluster J

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	SEUSS C E
Year:	1924
Type:	AUTOMOBILE REPAIRING

J51
NNE
< 1/8
0.084 mi.
445 ft.

SCHAEFER PARSONS **EDR US Hist Cleaners** **1009188702**
812 W 16TH ST **N/A**
LOS ANGELES, CA

Site 2 of 7 in cluster J

Relative:
Higher

Actual:
14 ft.

EDR Historical Cleaners:

Name:	SCHAEFER PARSONS
Year:	1924
Type:	CLOTHES CLEANERS PRESSERS AND DYERS

52 NNE < 1/8 0.085 mi. 447 ft. | **GOODWILL INDUSTRIES** | **CA UST** | **U003661205**
0800 W PACIFIC COAST HWY | **N/A**
LONG BEACH, CA

Relative: Lower

Actual: 13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

D53 NNE < 1/8 0.091 mi. 479 ft. | **RILEY MARINE PRODUCTS** | **CA UST** | **U003660689**
0840 W ESTHER ST | **N/A**
LONG BEACH, CA

Site 4 of 4 in cluster D

Relative: Lower

Actual: 13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

I54 SSE < 1/8 0.093 mi. 493 ft. | **CALIF. GLASS DIST** | **CA FID UST** | **S101618198**
790 W 012TH ST LONG BEACH | **CA SWEEPS UST** | **N/A**
LONG BEACH, CA 90813

Site 3 of 4 in cluster I

Relative: Lower

Actual: 11 ft.

CA FID UST:

Facility ID:	19056689
Regulated By:	UTNKA
Regulated ID:	00046937
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2134370531
Mail To:	Not reported
Mailing Address:	790 W 012TH ST LONG BEACH
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG BEACH 90813
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	46937
Number:	9

CALIF. GLASS DIST (Continued) **S101618198**

Board Of Equalization:	44-013559
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	19-060-046937-000001
Tank Status:	A
Capacity:	9940
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

G55 **MESA ENVIRONMENTAL SVCS INC** **RCRA NonGen / NLR** **1000904945**
NE **721 W 15TH ST** **FINDS** **CA0000206599**
< 1/8 **LONG BEACH, CA 90813**
0.095 mi.
504 ft. **Site 6 of 6 in cluster G**

Relative:
Higher

Actual:
15 ft.

RCRA NonGen / NLR:

Date form received by agency:	05/02/2000
Facility name:	MESA ENVIRONMENTAL SVCS INC
Facility address:	721 W 15TH ST LONG BEACH, CA 90813
EPA ID:	CA0000206599
Contact:	ANGELA BUTLER
Contact address:	P O BOX 9128 LONG BEACH, CA 908100128
Contact country:	US
Contact telephone:	(562) 901-3470
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOE M ORTEGA
Owner/operator address:	P O BOX 9128 LONG BEACH, CA 90810
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 901-3470
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No

MESA ENVIRONMENTAL SVCS INC (Continued) **1000904945**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002615563

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I56
SSE
< 1/8
0.095 mi.
504 ft.

Relative:
Lower

Actual:
11 ft.

FILE ONLY - CAL PACIFIC **CA UST** **U003659962**
0790 W 12TH ST **N/A**
LONG BEACH, CA

Site 4 of 4 in cluster I

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0T
Tank Test: Not reported
Leak Test: Not reported
Tank Status: Not reported

57
SSE
< 1/8
0.096 mi.
507 ft.

Relative:
Lower

Actual:
12 ft.

CALIF. GLASS DIST. **CA HIST UST** **U001566293**
790 W. 12TH ST. LONG BEACH **N/A**
LONG BEACH, CA 90813

HIST UST:
Region: STATE
Facility ID: 00000046937
Facility Type: Other
Other Type: GLASS DISTRIBUTOR
Contact Name: J. STEIN
Telephone: 2134370531
Owner Name: CAL-PACIFIC WINDSHIELD DBA CAL
Owner Address: 790 W. 12TH ST. LONG BEACH
Owner City,St,Zip: LONG BEACH, CA 90813
Total Tanks: 0001

Tank Num: 001
Container Num: 1

CALIF. GLASS DIST. (Continued) **U001566293**

Year Installed:	Not reported
Tank Capacity:	00009940
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

K58 **WESTERN ELECTROPLATING COMPANY** **CA ENVIROSTOR** **S101480784**
NNE **820 WEST ESTHER STREET** **N/A**
< 1/8 **LONG BEACH, CA 90813**
0.102 mi.
537 ft. **Site 1 of 5 in cluster K**

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:

Facility ID:	19340289
Status:	Refer: Other Agency
Status Date:	09/01/1985
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Cypress
Assembly:	70
Senate:	33
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.78858
Longitude:	-118.2025
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HYDROCARBON SOLVENTS * UNSPECIFIED ACID SOLUTION * UNSPECIFIED ALKALINE SOLUTIONS * UNSPECIFIED SLUDGE WASTE
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	ELECTRIC MOTOR REPAIR
Alias Type:	Alternate Name
Alias Name:	19340289
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	01/18/1995
Comments:	DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	01/05/1982
Comments:	FACILITY IDENTIFIED LA CHAM OF COMM BUS DIR 1958 INSPECTION(FED)

WESTERN ELECTROPLATING COMPANY (Continued) **S101480784**

REPLATING AUTO PARTS

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

K59
NNE
< 1/8
0.102 mi.
537 ft.

0820 W ESTHER ST **CA UST** **U003919981**
LONG BEACH, CA **N/A**

Site 2 of 5 in cluster K

Relative:
Lower

Actual:
12 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

K60
NNE
< 1/8
0.102 mi.
537 ft.

WESTERN ELECTROPLATING CO **CERC-NFRAP** **1015732663**
820 W ESTHER ST **RCRA NonGen / NLR** **CAD008501215**
LONG BEACH, CA 90813

Site 3 of 5 in cluster K

Relative:
Lower

Actual:
12 ft.

CERC-NFRAP:

Site ID:	0901116
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13288235.00000
Person ID:	13003854.00000
Contact Sequence ID:	13293830.00000
Person ID:	13003858.00000
Contact Sequence ID:	13299688.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	WESTERN ELECTROPLATING CO (OWNER & OPER)
Alias Address:	1000 S PETROLIA AVE COMPTON, CA 90221

CERCLIS-NFRAP Assessment History:

WESTERN ELECTROPLATING CO (Continued) **1015732663**

Action: PRELIMINARY ASSESSMENT
Date Started: 09/01/85
Date Completed: 02/01/86
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 02/01/86
Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 11/01/85
Priority Level: Not reported

RCRA NonGen / NLR:
Date form received by agency: 08/18/1980
Facility name: WESTERN ELECTROPLATING, INC.
Facility address: 840 W ESTHER ST
LONG BEACH, CA 90813
EPA ID: CAD008501215
Mailing address: W ESTHER ST
LONG BEACH, CA 90813
Contact: ENVIRONMENTAL MANAGER
Contact address: 840 W ESTHER ST
LONG BEACH, CA 90813
Contact country: US
Contact telephone: (213) 436-9975
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WESTERN ELECTROPLATING, INC.
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

WESTERN ELECTROPLATING CO (Continued) **1015732663**

Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

K61 **WESTERN ELECTROPLATING, INC.** **FINDS** **1000402996**
NNE **840 W ESTHER ST** **CA HIST UST** **N/A**
< 1/8 **LONG BEACH, CA 90813** **CA HAZNET**
0.107 mi.
566 ft. **Site 4 of 5 in cluster K**

Relative:
Lower

Actual:
12 ft.

FINDS:

Registry ID: 110002634560

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HIST UST:

Region:	STATE
Facility ID:	00000007824
Facility Type:	Other
Other Type:	ELECTRO PLATING
Contact Name:	Not reported
Telephone:	2134369975
Owner Name:	WESTERN ELECTRO PLATING CO
Owner Address:	820 W. ESTHER ST
Owner City,St,Zip:	LONG BEACH, CA 90813
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1976
Tank Capacity:	00000750
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

WESTERN ELECTROPLATING, INC. (Continued) **1000402996**

HAZNET:

envid:	1000402996
Year:	1993
GEPAID:	CAD008501215
Contact:	WESTERN ELECTROPLATING, INC.
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	840 W ESTHER ST
Mailing City,St,Zip:	LONG BEACH, CA 908130000
Gen County:	Not reported
TSD EPA ID:	CAT080033681
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Not reported
Tons:	1.60000000000
Facility County:	Los Angeles

F62 **EDR US Hist Auto Stat** **1015622006**
ESE **740 W 14TH ST** **N/A**
< 1/8 **LONG BEACH, CA 90813**
0.110 mi.
581 ft. **Site 5 of 5 in cluster F**

Relative:
Lower

Actual:
10 ft.

EDR Historical Auto Stations:

Name:	TOMMYS AUTO SERVICE
Year:	1999
Address:	740 W 14TH ST
Name:	TOMMYS AUTO SERVICE
Year:	2001
Address:	740 W 14TH ST
Name:	TOMMYS AUTO SERVICE
Year:	2002
Address:	740 W 14TH ST
Name:	TOMMYS AUTO SERVICE
Year:	2003
Address:	740 W 14TH ST
Name:	TOMMYS AUTO SERVICE
Year:	2004
Address:	740 W 14TH ST
Name:	TOMMYS AUTO SERVICE
Year:	2005
Address:	740 W 14TH ST
Name:	TOMMYS AUTO SERVICE
Year:	2006
Address:	740 W 14TH ST
Name:	TOMMYS AUTO SERVICE
Year:	2007
Address:	740 W 14TH ST
Name:	TOMMYS AUTO SERVICE

(Continued) **1015622006**

Year: 2008
Address: 740 W 14TH ST

Name: TOMMYS AUTO SERVICE
Year: 2009
Address: 740 W 14TH ST

Name: TOMMYS AUTO SVC
Year: 2010
Address: 740 W 14TH ST

L63 **CA UST** **U003919709**
NNE **0741 W 17TH ST** **N/A**
< 1/8 **LONG BEACH, CA**
0.110 mi.
582 ft. **Site 1 of 6 in cluster L**

Relative:
Higher

Actual:
16 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

L64 **THOMPSON FAMILY TRUST** **CA SLIC** **S106568475**
NNE **741 WEST 17 TH STREET** **N/A**
< 1/8 **LONG BEACH, CA**
0.110 mi.
582 ft. **Site 2 of 6 in cluster L**

Relative:
Higher

Actual:
16 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	10/20/2014
Global Id:	SL0603753707
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.7881991018741
Longitude:	-118.201785630619
Case Type:	Cleanup Program Site
Case Worker:	JB
Local Agency:	Not reported
RB Case Number:	1157
File Location:	Regional Board
Potential Media Affected:	Indoor Air, Other Groundwater (uses other than drinking water), Soil, Soil Vapor, Under Investigation
Potential Contaminants of Concern:	* Chlorinated Solvents - PCE, * Chlorinated Solvents - TCE, * Metals/Heavy Metals - Chromium 6
Site History:	The site, located on the north side of West 17th Street between Oregon Ave and San Francisco Ave in the City of Long Beach, is currently a warehouse facility. Previous uses at the site have impacted groundwater at the site with metals and volatile organic compounds.

THOMPSON FAMILY TRUST (Continued) **S106568475**

Click here to access the California GeoTracker records for this facility:

L65 NNE < 1/8 0.110 mi. 582 ft. | **THOMPSON FAMILY TRUST PROP**
741 W 17TH ST
LONG BEACH, CA 90813 | **RCRA-SQG** **1007879224**
CA HAZNET **CAR000158105**

Site 3 of 6 in cluster L

Relative: Higher

Actual: 16 ft.

RCRA-SQG:

Date form received by agency:	10/26/2004
Facility name:	THOMPSON FAMILY TRUST PROP
Facility address:	741 W 17TH ST LONG BEACH, CA 908131414
EPA ID:	CAR000158105
Mailing address:	21106 PRESIDENT POINT RD KINGSTON, WA 98346
Contact:	LEE THOMPSON
Contact address:	21106 PRESIDENT POINT RD KINGSTON, WA 98346
Contact country:	US
Contact telephone:	360-297-7893
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	J AND D EXPRESS
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	06/01/1992
Owner/Op end date:	Not reported

Owner/operator name:	THOMPSON TRUST
Owner/operator address:	21106 PRESIDENT POINT RD KINGSTON, WA 98346
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	09/15/1999
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

THOMPSON FAMILY TRUST PROP (Continued) **1007879224**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Historical Generators:
Date form received by agency: 10/26/2004
Site name: THOMPSON FAMILY TRUST PROP
Classification: Small Quantity Generator

Violation Status: No violations found

HAZNET:
envid: 1007879224
Year: 2005
GEPAID: CAR000158105
Contact: LEE THOMPSON
Telephone: 3602977893
Mailing Name: Not reported
Mailing Address: 21106 PRESIDENT POINT RD
Mailing City,St,Zip: KINGSTON, CA 983460000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: Disposal, Land Fill
Tons: 8.42
Facility County: Los Angeles

envid: 1007879224
Year: 2004
GEPAID: CAR000158105
Contact: LEE THOMPSON
Telephone: 3602977893
Mailing Name: Not reported
Mailing Address: 21106 PRESIDENT POINT RD
Mailing City,St,Zip: KINGSTON, CA 983460000
Gen County: Not reported

THOMPSON FAMILY TRUST PROP (Continued) **1007879224**

TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Transfer Station
Tons:	0.62
Facility County:	Los Angeles

M66 **METROPOLITAN CHEMICAL CO** **CA UST** **U003854649**
ESE **0733 W 14TH ST** **N/A**
< 1/8 **LONG BEACH, CA**
0.113 mi.
598 ft. **Site 1 of 6 in cluster M**

Relative:
Lower

Actual:
11 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	1F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

N67 **ELLIS PAINT CO** **RCRA-SQG** **1000455513**
SE **1200 OREGON AVE** **FINDS** **CAD982495038**
< 1/8 **LONG BEACH, CA 90813** **CA HAZNET**
0.113 mi.
599 ft. **Site 1 of 6 in cluster N**

Relative:
Lower

Actual:
12 ft.

RCRA-SQG:

Date form received by agency:	07/16/1990
Facility name:	ELLIS PAINT CO
Facility address:	1200 OREGON AVE LONG BEACH, CA 90813
EPA ID:	CAD982495038
Mailing address:	OREGON AVE LONG BEACH, CA 90813
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1200 OREGON AVE LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 486-8225
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ROBERT O BERG
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212

ELLIS PAINT CO (Continued) **1000455513**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002831071

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
envid: 1000455513
Year: 2002
GEPAID: CAD982495038
Contact: CHUCK TROMBOLD/DIRECTOR EH&S
Telephone: 3232618114
Mailing Name: Not reported
Mailing Address: 3150 E PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900230000
Gen County: Not reported

ELLIS PAINT CO (Continued) **1000455513**

TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 0.05
Facility County: Los Angeles

envid: 1000455513
Year: 2002
GEPAID: CAD982495038
Contact: CHUCK TROMBOLD/DIRECTOR EH&S
Telephone: 3232618114
Mailing Name: Not reported
Mailing Address: 3150 E PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900230000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: 0.77
Facility County: Los Angeles

envid: 1000455513
Year: 2002
GEPAID: CAD982495038
Contact: CHUCK TROMBOLD/DIRECTOR EH&S
Telephone: 3232618114
Mailing Name: Not reported
Mailing Address: 3150 E PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900230000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.06
Facility County: Los Angeles

envid: 1000455513
Year: 2001
GEPAID: CAD982495038
Contact: CHUCK TROMBOLD/DIRECTOR EH&S
Telephone: 3232618114
Mailing Name: Not reported
Mailing Address: 3150 E PICO BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900230000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.27
Facility County: Los Angeles

envid: 1000455513
Year: 2001

ELLIS PAINT CO (Continued) **1000455513**

GEPAID:	CAD982495038
Contact:	CHUCK TROMBOLD/DIRECTOR EH&S
Telephone:	3232618114
Mailing Name:	Not reported
Mailing Address:	3150 E PICO BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900230000
Gen County:	Not reported
TSD EPA ID:	CAD008252405
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Not reported
Tons:	0
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
18 additional CA_HAZNET: record(s) in the EDR Site Report.

M68 **ENVIRONMENTAL SERVS DIV** **RCRA NonGen / NLR** **1000261664**
ESE **716 W 14TH ST** **FINDS** **CAD069926251**
< 1/8 **LONG BEACH, CA 90813**
0.120 mi.
631 ft. **Site 2 of 6 in cluster M**

Relative:
Lower

Actual:
11 ft.

RCRA NonGen / NLR:

Date form received by agency:	03/08/1983
Facility name:	ENVIRONMENTAL SERVS DIV
Facility address:	716 W 14TH ST LONG BEACH, CA 90813
EPA ID:	CAD069926251
Contact:	ENVIRONMENTAL MANAGER
Contact address:	716 W FOURTEEN ST LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 435-4868
Contact email:	Not reported
EPA Region:	09
Land type:	Other land type
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private

ENVIRONMENTAL SERVS DIV (Continued) **1000261664**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 05/25/2005
Date achieved compliance: 08/23/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/25/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/25/2005
Date achieved compliance: 05/30/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/25/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/15/1985
Date achieved compliance: 06/18/1985
Violation lead agency: State
Enforcement action: Not reported

ENVIRONMENTAL SERVS DIV (Continued) **1000261664**

Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/25/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 08/23/2005
Evaluation lead agency: State

Evaluation date: 05/25/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/30/2005
Evaluation lead agency: State

Evaluation date: 08/07/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/07/1985
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/15/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/15/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 06/18/1985
Evaluation lead agency: State

FINDS:

Registry ID: 110002655920

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

J69 NE < 1/8 0.122 mi. 642 ft. | **PACIFIC X-RAY CO** | **CA UST** | **U003659998**
0711 W 16TH ST | **N/A**
LONG BEACH, CA

Site 3 of 7 in cluster J

Relative: Higher

Actual: 15 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

J70 NE < 1/8 0.124 mi. 654 ft. | **WARD BARKER INC** | **RCRA-SQG** | **1000182681**
707 W 16TH ST | **PADS** | **CAD981571177**
LONG BEACH, CA 90813

Site 4 of 7 in cluster J

Relative: Higher

Actual: 15 ft.

RCRA-SQG:

Date form received by agency:	09/25/1986
Facility name:	WARD BARKER
Facility address:	707 W 16TH ST LONG BEACH, CA 90813
EPA ID:	CAD981571177
Mailing address:	W SIXTEEN ST LONG BEACH, CA 90813
Contact:	ENVIRONMENTAL MANAGER
Contact address:	707 W SIXTEEN ST LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 432-7266
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	WARD CHARLES
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private

WARD BARKER INC (Continued) **1000182681**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

PADS:
EPAID: CAD981571177
Facility name: WARD BARKER INC
Facility Address: 707 W 16TH ST
LONG BEACH, CA 90813
Facility country: US
Generator: No
Storer: No
Transporter: Yes
Disposer: No
Research facility: No
Smelter: No
Facility owner name: CHARLES M WARD JR
Contact title: Not reported
Contact name: DEKAY BERNIE A
Contact tel: (213)432-7266
Contact extension: Not reported
Mailing address: 707 W 16TH ST
LONG BEACH, CA 90813
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 04/27/1990
Date received: 08/26/1990

J71 NE < 1/8 0.124 mi. 654 ft. | **CHUCKS ELECTRONIC** | **CA FID UST** | **S101584840**
707 W 16TH ST | **CA SWEEPS UST** | **N/A**
LONG BEACH, CA 90805

Site 5 of 7 in cluster J

Relative: Higher

Actual: 15 ft.

CA FID UST:

Facility ID:	19016192
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2134327266
Mail To:	Not reported
Mailing Address:	707 W 16TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG BEACH 90805
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

SWEEPS UST:

Status:	Not reported
Comp Number:	1004
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-060-001004-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	EMPTY
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	1

J72 NE < 1/8 0.124 mi. 654 ft. | **R G STEPHENS ENGINEERING & EQUIP** | **CA UST** | **U003659997**
0707 W 16TH ST | **N/A**
LONG BEACH, CA

Site 6 of 7 in cluster J

Relative: Higher

Actual: 15 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

J73 NE < 1/8 0.124 mi. 654 ft. | **WARD-DEKAY TRANSPORTATION SVCS** | **RCRA NonGen / NLR** | **1000184274**
707 W 16TH ST | **CAD982491698**
LONG BEACH, CA 90813

Site 7 of 7 in cluster J

Relative: Higher

Actual: 15 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/13/1990
Facility name:	WARD-DEKAY TRANSPORTATION SVCS
Facility address:	707 W 16TH ST LONG BEACH, CA 90813
EPA ID:	CAD982491698
Contact:	ENVIRONMENTAL MANAGER
Contact address:	707 W SIXTEEN ST LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 432-7266
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CHARLES M WARD JR
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

WARD-DEKAY TRANSPORTATION SVCS (Continued) **1000184274**

Used oil transporter: No

Violation Status: No violations found

O74
ENE
< 1/8
0.125 mi.
660 ft.

HENDERSON & COMPANY **CA UST** **U003660594**
0703 W COWLES ST **N/A**
LONG BEACH, CA

Site 1 of 7 in cluster O

Relative:
Higher

Actual:
15 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	1T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

O75
ENE
1/8-1/4
0.129 mi.
681 ft.

CA UST **U003920173**
1451 OREGON AVE **N/A**
LONG BEACH, CA

Site 2 of 7 in cluster O

Relative:
Higher

Actual:
15 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

N76
SE
1/8-1/4
0.130 mi.
685 ft.

ELLIS FAMILY TRUST **CA SLIC** **S103546800**
718 ANAHEIM **N/A**
LONG BEACH, CA 90813

Site 2 of 6 in cluster N

Relative:
Lower

Actual:
13 ft.

SLIC REG 4:

Region:	4
Facility Status:	Inactive
SLIC:	0551
Substance:	VOCs
Staff:	ACJ

N77 SE 1/8-1/4 0.130 mi. 685 ft. | **DOUGLAS ROBINSON PROPERTY** | **CA HIST CORTESE** | **S102590610** | **N/A**

718 ANAHEIM
LONG BEACH, CA 90806

Site 3 of 6 in cluster N

Relative: Lower
Actual: 13 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130252

N78 SE 1/8-1/4 0.130 mi. 685 ft. | **WEST COAST CHOPPERS** | **CA LUST** | **S104891049**
CA ENF | **N/A**

718 ANAHEIM ST W
LONG BEACH, CA 90813

Site 4 of 6 in cluster N

Relative: Lower
Actual: 13 ft.

LUST:

Region:	STATE
Global Id:	T0603701939
Latitude:	33.7826437
Longitude:	-118.2009062
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/30/2012
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JH
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130252
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701939
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701939
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

Status History:

Global Id:	T0603701939
Status:	Open - Site Assessment

WEST COAST CHOPPERS (Continued) **S104891049**

Status Date: 07/18/2011

Global Id: T0603701939
Status: Completed - Case Closed
Status Date: 07/30/2012

Global Id: T0603701939
Status: Open - Case Begin Date
Status Date: 03/28/1995

Global Id: T0603701939
Status: Open - Remediation
Status Date: 12/21/2011

Global Id: T0603701939
Status: Open - Site Assessment
Status Date: 02/01/2001

Regulatory Activities:

Global Id: T0603701939
Action Type: Other
Date: 03/28/1995
Action: Leak Discovery

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 07/18/2011
Action: Staff Letter

Global Id: T0603701939
Action Type: RESPONSE
Date: 09/15/2011
Action: Soil and Water Investigation Workplan

Global Id: T0603701939
Action Type: REMEDIATION
Date: 12/21/2011
Action: Excavation

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 12/21/2011
Action: Staff Letter

Global Id: T0603701939
Action Type: RESPONSE
Date: 01/15/2012
Action: Soil and Water Investigation Report

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 11/23/2011
Action: Staff Letter

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 07/30/2012

WEST COAST CHOPPERS (Continued) **S104891049**

Action: Closure/No Further Action Letter

Global Id: T0603701939
Action Type: Other
Date: 05/15/1995
Action: Leak Reported

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 02/02/2001
Action: 13267 Requirement

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 07/30/2012
Action: Closure/No Further Action Letter

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603701939
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 03/10/2009
Action: Staff Letter

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701939
Action Type: ENFORCEMENT
Date: 06/24/2002
Action: Staff Letter

Global Id: T0603701939
Action Type: RESPONSE
Date: 04/15/2009
Action: Other Report / Document

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908130252
Status: Preliminary site assessment workplan submitted
Substance: Naphtha Distillate
Substance Quantity: Not reported
Local Case No: Not reported

WEST COAST CHOPPERS (Continued) **S104891049**

Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701939
W Global ID:	Not reported
Staff:	HDN
Local Agency:	19060
Cross Street:	OREGON
Enforcement Type:	LET
Date Leak Discovered:	3/28/1995
Date Leak First Reported:	5/15/1995
Date Leak Record Entered:	8/28/1995
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	5/15/1995
Date the Case was Closed:	Not reported
How Leak Discovered:	Subsurface Monitoring
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	FORMER ELLIS PAINT CO
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	16165.193392999348015746985355
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	2/1/2001
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	2/2/2001
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	GORDON
RP Address:	1404 N. DAISY AVE.
Program:	LUST
Lat/Long:	33.7826437 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	3/6/97 - ADDITIONAL INFORMATION LETTER SENT; 5/13/97- 1ST LEVEL ENFORCEMENT LETTER SENT; 8/8/97 - 2ND LEVEL ENFORCEMENT LETTER SENT

ENF:

Region:	4
Facility Id:	220621
Agency Name:	Robinson, Douglas
Place Type:	Facility

WEST COAST CHOPPERS (Continued) **S104891049**

Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.782606
Place Longitude:	-118.183572
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	908130252
Reg Measure Id:	168132
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I

WEST COAST CHOPPERS (Continued) **S104891049**

Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	230516
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	08/25/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	08/25/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 908130252
Description:	Notice of violation sent 8/25/00 for FTS soil investigation report.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0.00
Initial Assessed Amount:	0.00
Liability $ Amount:	0.00
Project $ Amount:	0.00
Liability $ Paid:	0.00
Project $ Completed:	0.00
Total $ Paid/Completed Amount:	0.00

P79 **LOEM'S SPORTS WEAR** **CA UST** **U003661150**
NE **1501 OREGON AVE** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.130 mi.
685 ft. **Site 1 of 5 in cluster P**

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

L80 **CITY TOW SERVICE** **RCRA NonGen / NLR** **1000440841**
NNE **704 W 17TH ST** **FINDS** **CAD982047722**
1/8-1/4 **LONG BEACH, CA 90813** **CA HAZNET**
0.130 mi.
687 ft. **Site 4 of 6 in cluster L**

Relative:
Higher

Actual:
16 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/28/1999
Facility name:	CITY TOW SERVICE
Facility address:	704 W 17TH ST LONG BEACH, CA 90813
EPA ID:	CAD982047722
Contact:	BEN SHAFIEE
Contact address:	704 W 17TH ST LONG BEACH, CA 90813

CITY TOW SERVICE (Continued) **1000440841**

Contact country: US
Contact telephone: (562) 432-0941
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: EDELROMAX
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002787271

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

CITY TOW SERVICE (Continued) **1000440841**

corrective action activities required under RCRA.

HAZNET:

envid:	1000440841
Year:	1998
GEPAID:	CAD982047722
Contact:	EDELROMAX CORP
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	704 W 17TH ST
Mailing City,St,Zip:	LONG BEACH, CA 908131415
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Transfer Station
Tons:	.1250
Facility County:	Los Angeles

envid:	1000440841
Year:	1998
GEPAID:	CAD982047722
Contact:	EDELROMAX CORP
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	704 W 17TH ST
Mailing City,St,Zip:	LONG BEACH, CA 908131415
Gen County:	Not reported
TSD EPA ID:	CAD093459485
TSD County:	Not reported
Waste Category:	Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	Transfer Station
Tons:	.0417
Facility County:	Los Angeles

M81 **NOVA TECHNO CORPORATION** **CA SWEEPS UST** **1007248783**
ESE **1368 OREGON AVE** **N/A**
1/8-1/4 **LONG BEACH, CA 90813**
0.130 mi.
687 ft. **Site 3 of 6 in cluster M**

Relative:
Lower

Actual:
11 ft.

SWEEPS UST:

Status:	Active
Comp Number:	6617
Number:	9
Board Of Equalization:	44-013367
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	19-060-006617-000001
Tank Status:	A
Capacity:	2000
Active Date:	07-01-85
Tank Use:	UNKNOWN

NOVA TECHNO CORPORATION (Continued) **1007248783**

STG:	P
Content:	Not reported
Number Of Tanks:	2
Status:	Active
Comp Number:	6617
Number:	9
Board Of Equalization:	44-013367
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	19-060-006617-000002
Tank Status:	A
Capacity:	800
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

M82 **NOVA TECHNO CORPORATION** **RCRA-LQG** **1007198916**
ESE **1368 OREGON AVENUE** **CAD066662503**
1/8-1/4 **LONG BEACH, CA 90058**
0.130 mi.
687 ft. **Site 4 of 6 in cluster M**

Relative:
Lower

Actual:
11 ft.

RCRA-LQG:

Date form received by agency:	03/04/1999
Facility name:	NOVA TECHNO CORPORATION
Facility address:	1368 OREGON AVENUE LONG BEACH, CA 90058
EPA ID:	CAD066662503
Contact:	AMY PONZIO
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(562) 599-2497
Contact email:	Not reported
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

NOVA TECHNO CORPORATION (Continued) **1007198916**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

M83 **NOVA TECHNO CORP** **CA NPDES** **1000143314**
ESE **1368 OREGON AVE** **CA FID UST** **N/A**
1/8-1/4 **LONG BEACH, CA** **CA SLIC**
0.130 mi. **CA UST**
687 ft. **Site 5 of 6 in cluster M** **CA HIST UST**

Relative:
Lower

Actual:
11 ft.

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	268835
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I005529
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	03/30/1992
STATUS CODE NAME:	Terminated
STATUS DATE:	03/30/1992
PLACE SIZE:	5900
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	Sam P Ponzio
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	310-599-2497
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Nova Techno Corp
OPERATOR ADDRESS:	1368 Oregon Ave
OPERATOR CITY:	Long Beach
OPERATOR STATE:	California
OPERATOR ZIP:	90813
OPERATOR CONTACT NAME:	Sam P Ponzio

NOVA TECHNO CORP (Continued) **1000143314**

OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	310-599-2497
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	310-599-2497
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Los Angeles River
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

CA FID UST:

Facility ID:	19029718
Regulated By:	UTNKA
Regulated ID:	00006617
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2135992497
Mail To:	Not reported
Mailing Address:	1368 OREGON AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG BEACH 90813
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported

NOVA TECHNO CORP (Continued) **1000143314**

Status: Active

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/23/2003
Global Id:	SL184691452
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.8038112212478
Longitude:	-118.164083698727
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0624
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0624
Substance:	Cr
Staff:	RE

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	1F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000006617
Facility Type:	Other
Other Type:	CHROME PLATING
Contact Name:	SAM P. PONZIO,
Telephone:	2135992497
Owner Name:	NOVA TECHNO CORPORATION
Owner Address:	1368 OREGON AVE.
Owner City,St,Zip:	LONG BEACH, CA 90813
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1974
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported

NOVA TECHNO CORP (Continued) **1000143314**

Container Construction Thickness:	1/4"
Leak Detection:	Visual
Tank Num:	002
Container Num:	2
Year Installed:	1978
Tank Capacity:	00000800
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4"
Leak Detection:	Visual
Tank Num:	003
Container Num:	3
Year Installed:	1972
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

M84
East
1/8-1/4
0.131 mi.
690 ft.

CARAVAN MANUFACTURING CO INC **CA UST** **U003661147**
1424 OREGON AVE **N/A**
LONG BEACH, CA

Site 6 of 6 in cluster M

Relative:
Higher

Actual:
15 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

L85
NNE
1/8-1/4
0.132 mi.
699 ft.

CA UST **U003919708**
N/A

0700 W 17TH ST
LONG BEACH, CA

Site 5 of 6 in cluster L

Relative:
Higher

Actual:
16 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

N86 SE 1/8-1/4 0.135 mi. 714 ft. | **ARATEX SERVICES INC**
702 WEST ANAHEIM STREET
LONG BEACH, CA 90813

CA SLIC **S113036843**
CA HAZNET **N/A**

Site 5 of 6 in cluster N

Relative: Lower

Actual: 11 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	08/16/2013
Global Id:	SL204FH2430
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.7821792846523
Longitude:	-118.200488090515
Case Type:	Cleanup Program Site
Case Worker:	AS
Local Agency:	Not reported
RB Case Number:	0678
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Indoor Air, Soil, Soil Vapor
Potential Contaminants of Concern:	Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride
Site History:	The property is currently vacant The property is occupied by two buildings. Historically, the main laundry facility was located on the west and the auxiliary building was on the east. The area between the two buildings is covered by asphalt pavement. Adjacent to the main building on the west, there is a sump. The past operations and uses of the sump are unknown. Three underground storage tanks (USTs) and one above-ground storage tank (AST) were present at the site prior to ARAMARKs purchase in 1986. USTs included a 6,000-gallon diesel, a 550-gallon gasoline, and a Stoddard solvent UST of unknown size. The AST contained tetrachloroethylene (PCE) and had a capacity of 1,000 gallons. In 1982, the diesel and gasoline USTs and PCE AST were removed. Later, the Stoddard solvent UST was filled with concrete and pea gravel and abandoned in-place. The exact date of the Stoddard solvent UST abandonment is unknown but occurred prior to 1986. Several soil and groundwater investigations have been conducted at the site since 1987. Soil and groundwater have been impacted with chlorinated volatile organic compounds, petroleum hydrocarbons, benzene, toluene, ethylbenzene and xylenes (BTEX). Highest historical soil concentrations include 28,000 micrograms per kilogram (%g/kg) of PCE, 1,200 %g/kg of cis-1,2-dichloroethylene (c-1,2-DCE), 2,300 %g/kg of benzene, and 12,000 %g/kg of total petroleum hydrocarbons. Initial groundwater investigations in 1988 detected concentrations of benzene, trans-1,2-DCE, and PCE up to 1,600, 7,240, and 8,350 micrograms per liter (%g/L), respectively. A groundwater pump and treat system operated at the site from 1994 to 2002, pumping groundwater through a shallow tray air stripper and two granular activated carbon units prior to discharge at the storm drain, under the National Pollutant Discharge Elimination System (NPDES) permit No. CA0063045. Groundwater monitoring has been conducted since 1987. In general, concentrations of chlorinated volatile organic compounds in groundwater have decreased due to the operation of remediation system, except for vinyl chloride. Maximum groundwater concentrations in the second quarter of 2008 include PCE at 450 %g/L, TCE at 120 %g/L, , cis-1,2-DCE at 59 %g/L, vinyl chloride at 600 %g/L, benzene at 33 %g/L, and chlorobenzene at 47 %g/L . There are currently 7 groundwater monitoring wells on the property. Four groundwater monitoring wells are scattered around the property, across Orange

ARATEX SERVICES INC (Continued) **S113036843**

Avenue, and across West Anaheim Street. The groundwater monitoring wells are screened differently based on when they were installed.

Click here to access the California GeoTracker records for this facility:

HAZNET:

envid:	S113036843
Year:	1997
GEPAID:	CAL000038236
Contact:	ARAMARK UNIFORM SERVICES INC
Telephone:	8189733700
Mailing Name:	Not reported
Mailing Address:	1827 WALDEN OFFICE SQ STE 200
Mailing City,St,Zip:	SCHAUMBURG, IL 601734275
Gen County:	Not reported
TSD EPA ID:	CAD008364432
TSD County:	Not reported
Waste Category:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	Treatment, Tank
Tons:	.7297
Facility County:	Los Angeles

envid:	S113036843
Year:	1997
GEPAID:	CAL000038236
Contact:	ARAMARK UNIFORM SERVICES INC
Telephone:	8189733700
Mailing Name:	Not reported
Mailing Address:	1827 WALDEN OFFICE SQ STE 200
Mailing City,St,Zip:	SCHAUMBURG, IL 601734275
Gen County:	Not reported
TSD EPA ID:	CAD008364432
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Treatment, Tank
Tons:	.6880
Facility County:	Los Angeles

L87 **DAISY SUBSTATION** **RCRA-SQG** **1000597546**
NNE **1700 OREGON ST** **FINDS** **CAD983615618**
1/8-1/4 **LONG BEACH, CA 90813**
0.137 mi.
725 ft. **Site 6 of 6 in cluster L**

Relative:
Higher

Actual:
16 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	DAISY SUBSTATION
Facility address:	1700 OREGON ST LONG BEACH, CA 90813
EPA ID:	CAD983615618
Mailing address:	2244 WALNUT GROVE AVE RM 407 ROSEMEAD, CA 91770
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US

DAISY SUBSTATION (Continued) **1000597546**

Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: SOUTHERN CALIF EDISON
Owner/operator address: PO BOX 800
ROSEMEAD, CA 91770
Owner/operator country: Not reported
Owner/operator telephone: (818) 302-9320
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/23/1991
Site name: DAISY SUBSTATION
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002866471

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource

DAISY SUBSTATION (Continued) **1000597546**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

N88 **SOFT WATER LAUNDRY & DRY CLEANING CO** **EDR US Hist Cleaners** **1009162575**
SE **702 W ANAHEIM** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.140 mi.
737 ft. **Site 6 of 6 in cluster N**

Relative:
Lower

Actual:
11 ft.

EDR Historical Cleaners:

Name:	SOFT WATER LAUNDRY AND DRY CLEAN- ING CO
Year:	1952
Type:	LAUNDRIES - STE AM
Name:	SOFT WATER LAUNDRY & DRY CLEANING CO
Year:	1952
Type:	CLEANERS GARMENTS, CURTAINS AND DRAPERIES
Name:	SOFT WATER LAUNDRY & DRY CLEAN- ING CO
Year:	1952
Type:	CLEANERS AND DYERS
Name:	SOFT WATER LAUNDRY & DRY CLEANING CO
Year:	1952
Type:	DRY CLEANERS
Name:	SOFT WATER LAUNDRY & DRY CLEAN- ING CO
Year:	1957
Type:	CALIF CLEANERS AND DYERS

P89 **BOLA CHEMICALS** **RCRA-SQG** **1000141830**
NE **1524 OREGON AVE** **FINDS** **CAD982023061**
1/8-1/4 **LONG BEACH, CA 90813**
0.141 mi.
747 ft. **Site 2 of 5 in cluster P**

Relative:
Lower

Actual:
13 ft.

RCRA-SQG:

Date form received by agency:	08/11/1987
Facility name:	BOLA CHEMICALS
Facility address:	1524 OREGON AVE LONG BEACH, CA 90813
EPA ID:	CAD982023061
Mailing address:	OREGON AVE LONG BEACH, CA 90813
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1524 OREGON AVE LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 491-5774
Contact email:	Not reported

BOLA CHEMICALS (Continued) **1000141830**

EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: BOLA CHEMICALS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002779510

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

BOLA CHEMICALS (Continued) **1000141830**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

O90
ENE
1/8-1/4
0.147 mi.
776 ft.

DYNATRON ELECTRIC CO. INC. **CA UST** **U003661149**
1492 OREGON AVE **N/A**
LONG BEACH, CA

Site 3 of 7 in cluster O

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

91
NW
1/8-1/4
0.149 mi.
786 ft.

PUBLIC SERVICE TRANSFER STATION #1 **CA SWF/LF** **S105247930**
E. SIDE 710MHWY -BTW ANAHEIM ST./ P.C.H. **N/A**
LONG BEACH, CA

Relative:
Higher

Actual:
14 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	19-AA-1047
Lat/Long:	33.7866700 / -118.20695
Owner Name:	City of Long Beach,Public Service Bureau
Owner Telephone:	5625702732
Owner Address:	Special Projects Officer
Owner Address2:	1601 San Francisco Ave.
Owner City,St,Zip:	Long Beach, CA 90813
Operational Status:	Active
Operator:	City of Long Beach, Public Works Dept.
Operator Phone:	5625702784
Operator Address:	Superintendent Streets Maintenance
Operator Address2:	1601 San Francisco Ave.
Operator City,St,Zip:	Long Beach, CA 90813
Permit Date:	10/19/2001
Permit Status:	Notification
Permitted Acreage:	Not reported
Activity:	Limited Volume Transfer Operation
Regulation Status:	Notification
Landuse Name:	Not reported
GIS Source:	GPS
Category:	Transfer/Processing
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Green Materials
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	19-AA-1047
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported

PUBLIC SERVICE TRANSFER STATION #1 (Continued) **S105247930**

Permitted Throughput with Units: 12
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 3000
Remaining Capacity: Not reported
Remaining Capacity with Units: Tons/year
Lat/Long: 33.7866700 / -118.20695

K92 **CA UST** **U003919980**
NNE **0730 W ESTHER ST** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.150 mi.
790 ft. **Site 5 of 5 in cluster K**

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0F
Tank Test: Not reported
Leak Test: Not reported
Tank Status: Not reported

Q93 **EDR US Hist Auto Stat** **1015621505**
NNE **739 W PACIFIC COAST HWY** **N/A**
1/8-1/4 **LONG BEACH, CA 90806**
0.150 mi.
793 ft. **Site 1 of 9 in cluster Q**

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:
Name: ALL AMERICAN AUTOMOTIVE PARTS
Year: 2003
Address: 739 W PACIFIC COAST HWY

Q94 **RELIABLE CLEANERS & DYERS** **EDR US Hist Cleaners** **1009142536**
NNE **733 W PACIFIC COAST HWY** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.153 mi.
806 ft. **Site 2 of 9 in cluster Q**

Relative:
Lower

Actual:
12 ft.

EDR Historical Cleaners:
Name: TUNTH PEGGY MRS
Year: 1948
Type: CLOTHES PRESSERS AND CLEANERS

Name: TUNTH PEGGY MRS
Year: 1948
Type: CLOTHES PRESSERS AND CLEANERS

Name: RELIABLE CLEANERS & DYERS
Year: 1952
Type: CLEANERS AND DYERS

Q95
NNE
1/8-1/4
0.154 mi.
812 ft.

RELIABLE CLEANERS & DYERS
733 W PACIFIC COAST
LONG BEACH, CA

EDR US Hist Cleaners **1009162556**
N/A

Site 3 of 9 in cluster Q

Relative:
Lower

Actual:
12 ft.

EDR Historical Cleaners:

Name:	RELIABLE CLEANERS & DYERS
Year:	1952
Type:	CLEANERS AND DYERS

Q96
NNE
1/8-1/4
0.157 mi.
827 ft.

0700 W PACIFIC COAST HWY
LONG BEACH, CA

CA UST **U003920197**
N/A

Site 4 of 9 in cluster Q

Relative:
Lower

Actual:
12 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

O97
ENE
1/8-1/4
0.162 mi.
853 ft.

666 W COWLES ST
LONG BEACH, CA 90813

EDR US Hist Auto Stat **1015595257**
N/A

Site 4 of 7 in cluster O

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	SAMAYOAS BODY REPAIRS
Year:	2005
Address:	666 W COWLES ST

O98
ENE
1/8-1/4
0.163 mi.
862 ft.

AIR CARGO (NOT PREVIOUSLY ON TANK LIST)
0665 W COWLES ST #3
LONG BEACH, CA

CA UST **U003660593**
N/A

Site 5 of 7 in cluster O

Relative:
Higher

Actual:
14 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

99 South 1/8-1/4 0.175 mi. 922 ft. | **V & S TRANSPORTATION** | **CA UST** | **U003660638** | **N/A**
1100 DE FOREST AVE
LONG BEACH, CA

Relative: Lower

Actual: 12 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

P100 ENE 1/8-1/4 0.176 mi. 929 ft. | **BOYD INDUSTRIAL COATINGS INC** | **RCRA-SQG** | **1000183282**
651 W 15TH ST | **FINDS** | **CAD981624018**
LONG BEACH, CA 90813 | **CA HAZNET**

Site 3 of 5 in cluster P

Relative: Lower

Actual: 13 ft.

RCRA-SQG:

Date form received by agency:	02/06/1987
Facility name:	BOYD INDUSTRIAL COATINGS INC
Facility address:	651 W 15TH ST LONG BEACH, CA 90813
EPA ID:	CAD981624018
Mailing address:	PO BOX 15488 LONG BEACH, CA 90815
Contact:	ENVIRONMENTAL MANAGER
Contact address:	651 W 15TH ST LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 436-6610
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	BOYD JACK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private

BOYD INDUSTRIAL COATINGS INC (Continued) **1000183282**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002727871

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:
envid: 1000183282
Year: 1994
GEPAID: CAD981624018
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 15488
Mailing City,St,Zip: LONG BEACH, CA 908150000
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: Disposal, Other
Tons: 1.4803
Facility County: Los Angeles

envid: 1000183282
Year: 1994
GEPAID: CAD981624018
Contact: Not reported

BOYD INDUSTRIAL COATINGS INC (Continued) **1000183282**

Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 15488
Mailing City,St,Zip:	LONG BEACH, CA 908150000
Gen County:	Not reported
TSD EPA ID:	CAD008252405
TSD County:	Not reported
Waste Category:	Paint sludge
Disposal Method:	Recycler
Tons:	1.0425
Facility County:	Los Angeles

envid:	1000183282
Year:	1994
GEPAID:	CAD981624018
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	PO BOX 15488
Mailing City,St,Zip:	LONG BEACH, CA 908150000
Gen County:	Not reported
TSD EPA ID:	CAD008252405
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	.2502
Facility County:	Los Angeles

P101 **EDR US Hist Auto Stat** **1015591234**
ENE **651 W 15TH ST** **N/A**
1/8-1/4 **LONG BEACH, CA 90813**
0.176 mi.
929 ft. **Site 4 of 5 in cluster P**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	ROSALEO AUTO REPAIR
Year:	2001
Address:	651 W 15TH ST
Name:	ROSALEO AUTO REPAIR
Year:	2002
Address:	651 W 15TH ST
Name:	ROSALEO AUTO REPAIR
Year:	2003
Address:	651 W 15TH ST
Name:	ROSALEO AUTO REPAIR
Year:	2004
Address:	651 W 15TH ST
Name:	ROSALEO AUTO REPAIR
Year:	2006
Address:	651 W 15TH ST
Name:	ROSALEO AUTO REPAIR
Year:	2007
Address:	651 W 15TH ST

(Continued) **1015591234**

Name: ROSALEO AUTO REPAIR
Year: 2008
Address: 651 W 15TH ST

Name: ROSALIO AUTO REPAIR
Year: 2010
Address: 651 W 15TH ST

R102
NNE
1/8-1/4
0.177 mi.
932 ft.

BRYANT S AUTO RE CONDITIONING
689 W ESTHER ST
LONG BEACH, CA

EDR US Hist Auto Stat **1009017168**
N/A

Site 1 of 7 in cluster R

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:
Name: BRYANT S AUTO RE CONDITIONING
Year: 1939
Type: AUTOMOBILE REPAIRING

O103
East
1/8-1/4
0.178 mi.
939 ft.

DOUGLAS PRODUCE
648 COWLES ST
LONG BEACH, CA 90813

CA HIST CORTESE **S101296709**
CA LUST **N/A**

Site 6 of 7 in cluster O

Relative:
Higher

Actual:
14 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908130325

LUST:
Region: STATE
Global Id: T0603701946
Latitude: 33.7848544484889
Longitude: -118.200466632843
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 06/04/2007
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: JH
Local Agency: LONG BEACH, CITY OF
RB Case Number: 908130325
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:
Global Id: T0603701946
Contact Type: Local Agency Caseworker
Contact Name: CARMEN PIRO
Organization Name: LONG BEACH, CITY OF

DOUGLAS PRODUCE (Continued) **S101296709**

Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701946
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

Status History:

Global Id:	T0603701946
Status:	Open - Site Assessment
Status Date:	06/04/2007

Global Id:	T0603701946
Status:	Open - Case Begin Date
Status Date:	02/13/1987

Global Id:	T0603701946
Status:	Open - Site Assessment
Status Date:	07/02/1997

Global Id:	T0603701946
Status:	Open - Site Assessment
Status Date:	03/30/1998

Regulatory Activities:

Global Id:	T0603701946
Action Type:	Other
Date:	02/13/1987
Action:	Leak Discovery

Global Id:	T0603701946
Action Type:	ENFORCEMENT
Date:	01/11/2006
Action:	Staff Letter

Global Id:	T0603701946
Action Type:	REMEDIATION
Date:	10/01/2007
Action:	Free Product Removal

Global Id:	T0603701946
Action Type:	ENFORCEMENT
Date:	10/11/2007
Action:	Staff Letter

Global Id:	T0603701946
Action Type:	RESPONSE
Date:	10/15/1998
Action:	Soil and Water Investigation Report

DOUGLAS PRODUCE (Continued) **S101296709**

Global Id: T0603701946
Action Type: Other
Date: 02/13/1987
Action: Leak Reported

Global Id: T0603701946
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 11/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701946
Action Type: ENFORCEMENT
Date: 07/24/2007
Action: Staff Letter

Global Id: T0603701946
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 02/01/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701946
Action Type: ENFORCEMENT
Date: 12/17/2012
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701946
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE

DOUGLAS PRODUCE (Continued) **S101296709**

Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 06/04/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603701946
Action Type: RESPONSE
Date: 11/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701946
Action Type: ENFORCEMENT
Date: 08/10/2000
Action: Staff Letter

Global Id: T0603701946
Action Type: ENFORCEMENT
Date: 10/21/2008
Action: Staff Letter

Global Id: T0603701946
Action Type: ENFORCEMENT
Date: 02/18/2009
Action: Staff Letter

Global Id: T0603701946
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701946
Action Type: RESPONSE
Date: 10/15/2013
Action: Monitoring Report - Semi-Annually

DOUGLAS PRODUCE (Continued) **S101296709**

Global Id: T0603701946
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701946
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701946
Action Type: RESPONSE
Date: 05/15/2009
Action: Soil and Water Investigation Report

Global Id: T0603701946
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603701946
Action Type: ENFORCEMENT
Date: 06/24/2002
Action: Staff Letter

Global Id: T0603701946
Action Type: RESPONSE
Date: 02/05/2009
Action: Soil and Water Investigation Workplan

Global Id: T0603701946
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701946
Action Type: RESPONSE
Date: 04/15/2014
Action: Monitoring Report - Semi-Annually

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908130325
Status: Pollution Characterization
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported

DOUGLAS PRODUCE (Continued) **S101296709**

Global ID:	T0603701946	
W Global ID:	Not reported	
Staff:	HDN	
Local Agency:	19060	
Cross Street:	ATLANTIC	
Enforcement Type:	LET	
Date Leak Discovered:	2/13/1987	
Date Leak First Reported:		2/13/1987
Date Leak Record Entered:	6/16/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		5/4/1999
Date the Case was Closed:		Not reported
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		15430.6746639922193131981529 81
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		7/2/1997
Preliminary Site Assessment Began:		5/8/1998
Pollution Characterization Began:		8/10/2000
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		2/13/1987
Enforcement Action Date:		8/10/2000
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		39
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	PETE DOUGLAS	
RP Address:	648 COWLES ST,	
Program:	LUST	
Lat/Long:	33.7847417 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	12/23/97- UST CLOSURE REPORT (FREE PRODUCT SITE) 01/30/98- ENVIRON. SITE ASSESSMENT & GW WELL INSTALL. WP 02/13/98- REVISED SITE ASSESSMENT & GW WELL INSTALL. WP 05/06/98- ENVIRON. SITE ASSESSMENT & GW WELL	

O104 **EDR US Hist Auto Stat** **1015589859**
East **648 W COWLES ST** **N/A**
1/8-1/4 **LONG BEACH, CA 90813**
0.178 mi.
939 ft. **Site 7 of 7 in cluster O**

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	LONG BEACH MAINTENANCE & REPAIR INC
Year:	2008
Address:	648 W COWLES ST
Name:	LONG BEACH MAINTENANCE & REPAIR INC
Year:	2009
Address:	648 W COWLES ST
Name:	LONG BEACH MNTNC & REPAIR
Year:	2010
Address:	648 W COWLES ST
Name:	LONG BEACH MAINT & REPAIR
Year:	2011
Address:	648 W COWLES ST
Name:	LONG BEACH MAINT & REPAIR
Year:	2012
Address:	648 W COWLES ST

S105 **CALIFORNIA REFRIGERATED SERVICES** **FTTS** **1004443092**
ESE **625 W ANAHEIM ST** **HIST FTTS** **N/A**
1/8-1/4 **LONG BEACH, CA 90813** **CA UST**
0.180 mi.
953 ft. **Site 1 of 8 in cluster S**

Relative:
Lower

Actual:
13 ft.

FTTS INSP:

Inspection Number:	19890126CA001 2
Region:	09
Inspection Date:	01/26/89
Inspector:	BERMAN
Violation occurred:	Yes
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	19890126CA001 2
Region:	09
Inspection Date:	Not reported
Inspector:	BERMAN
Violation occurred:	Yes
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

LONG BEACH UST:

CALIFORNIA REFRIGERATED SERVICES (Continued) **1004443092**

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

S106
ESE
1/8-1/4
0.180 mi.
953 ft.

LONG BEACH COLD STORAGE DIFFUSION TANK **CERCLIS** **1016139698**
625 WEST ANAHEIM STREET **CAN000909534**
LONG BEACH, CA

Site 2 of 8 in cluster S

Relative:
Lower

Actual:
13 ft.

CERCLIS:

Site ID:	0909534
EPA ID:	CAN000909534
Facility County:	LOS ANGELES
Short Name:	LONG BEACH COLD STORAGE D
Congressional District:	Not reported
IFMS ID:	Not reported
SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	R
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Chemical Plant
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date:	02/04/13
Site Fips Code:	06037
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	13000854.00000
Contact Name:	Martin (Marty) Powell
Contact Tel:	(602) 771-4591
Contact Title:	On-Scene Coordinator (OSC)
Contact Email:	Not reported

Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

LONG BEACH COLD STORAGE DIFFUSION TANK (Continued) **1016139698**

Action Code:	001
Action:	POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL
Date Started:	02/04/13
Date Completed:	02/22/13
Priority Level:	Cleaned up
Operable Unit:	SITEWIDE
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Emergency
Action Anomaly:	Voluntary Cleanup Start and Complete

P107 **CA UST** **U003919696**
ENE **0640 W 15TH ST** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.185 mi.
975 ft. **Site 5 of 5 in cluster P**

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

T108 **VACANT** **CA UST** **U003920371**
NE **0640 W 16TH ST** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.185 mi.
978 ft. **Site 1 of 2 in cluster T**

Relative:
Higher

Actual:
15 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

U109 **SUN HARDWARE CO, INC** **CA DRYCLEANERS** **S106076977**
ENE **635 W 15TH ST** **N/A**
1/8-1/4 **LONG BEACH, CA 90813**
0.190 mi.
1003 ft. **Site 1 of 6 in cluster U**

Relative:
Lower

Actual:
13 ft.

DRYCLEANERS:

EPA Id:	CAL000115673
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	02/22/1994
Facility Active:	No

SUN HARDWARE CO, INC (Continued) **S106076977**

Inactive Date:	06/30/2007
Facility Addr2:	Not reported
Owner Name:	GORDON L GOODRICH
Owner Address:	635 W 15TH ST
Owner Address 2:	Not reported
Owner Telephone:	5624323276
Contact Name:	GORDON GOODRICH
Contact Address:	--
Contact Address 2:	Not reported
Contact Telephone:	5624323276
Mailing Name:	Not reported
Mailing Address 1:	PO BOX 92019
Mailing Address 2:	Not reported
Mailing City:	LONG BEACH
Mailing State:	CA
Mailing Zip:	908092019
Owner Fax:	Not reported
Region Code:	Not reported

Q110 **JACK'S MOBIL SERVICE** **EDR US Hist Auto Stat** **1008994228**
NNE **701 W PACIFIC COAST HIGHWAY** **N/A**
1/8-1/4 **LONG BEACH, CA 90745**
0.191 mi.
1007 ft. **Site 5 of 9 in cluster Q**

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:

Name:	MARTIN G L
Year:	1944
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	WISDOM S MOBIL SERVICE
Year:	1952
Type:	GASOLINE STATIONS
Name:	JACK'S MOBIL SERVICE
Year:	1955
Type:	Not reported
Name:	KING S SERVICE STATION
Year:	1957
Type:	GASOLINE STATIONS
Name:	KING S SERVICE STATION
Year:	1957
Type:	GASOLINE STATIONS
Name:	BEHMERWOHLD S GARAGE
Year:	1963
Type:	AUTOMOBILE REPAIRING
Name:	KING S SERVICE STATION
Year:	1969
Type:	GASOLINE STATIONS
Name:	KING S SERVICE STATION
Year:	1969
Type:	GASOLINE STATIONS

Q111
NNE
1/8-1/4
0.191 mi.
1007 ft.

0701 W PACIFIC COAST HWY
LONG BEACH, CA

CA UST **U003920198**
N/A

Site 6 of 9 in cluster Q

Relative:
Lower

Actual:
12 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

Q112
NNE
1/8-1/4
0.192 mi.
1012 ft.

WISDOM S MOBIL SERVICE
701 W PACIFIC COAST
LONG BEACH, CA

EDR US Hist Auto Stat **1009050300**
N/A

Site 7 of 9 in cluster Q

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:

Name:	WISDOM S MOBIL SERVICE
Year:	1952
Type:	GASOLINE STATIONS

Q113
NNE
1/8-1/4
0.192 mi.
1012 ft.

LA MIRAGE INN
701 PACIFIC COAST HWY W
LONG BEACH, CA 90806

CA HIST CORTESE **S101296781**
CA LUST **N/A**

Site 8 of 9 in cluster Q

Relative:
Lower

Actual:
12 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908060089

LUST:

Region:	STATE
Global Id:	T0603701827
Latitude:	33.790113
Longitude:	-118.200917
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/28/1997
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JH
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908060089
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LA MIRAGE INN (Continued) **S101296781**

Contact:

Global Id:	T0603701827
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

Global Id:	T0603701827
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701827
Status:	Completed - Case Closed
Status Date:	08/28/1997

Global Id:	T0603701827
Status:	Open - Verification Monitoring
Status Date:	04/04/1997

Global Id:	T0603701827
Status:	Open - Case Begin Date
Status Date:	03/03/1988

Global Id:	T0603701827
Status:	Open - Remediation
Status Date:	03/02/1990

Global Id:	T0603701827
Status:	Open - Site Assessment
Status Date:	02/16/1989

Regulatory Activities:

Global Id:	T0603701827
Action Type:	Other
Date:	03/03/1988
Action:	Leak Discovery

Global Id:	T0603701827
Action Type:	Other
Date:	06/07/1988
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04

LA MIRAGE INN (Continued) **S101296781**

County:	Los Angeles	
Facility Id:	908060089	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		ETGT
Global ID:	T0603701827	
W Global ID:	Not reported	
Staff:	JH	
Local Agency:	19060	
Cross Street:	MAINE	
Enforcement Type:	Not reported	
Date Leak Discovered:	3/3/1988	
Date Leak First Reported:		6/7/1988
Date Leak Record Entered:	6/10/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/30/1997
Date the Case was Closed:		8/28/1997
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		14065.683321647770475773190073
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		2/16/1989
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		3/2/1990
Post Remedial Action Monitoring Began:		4/4/1997
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		1/1/1965
Hist Max MTBE Conc in Groundwater:		8
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BLANK RP	
RP Address:	12841 WASHINGTON BLVD., LOS ANGELES, CA 90066	
Program:	LUST	
Lat/Long:	33.7901276 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	TANKS REMOVED GROUND WATER UNDER ENTIRE SITE CONTAMINATED. OFFSITE ASSESSMENT APPROVED. 6/25/97 QTR GW	

LA MIRAGE INN (Continued) **S101296781**

MON RPT (2ND QTR 97)

U114 **VACANT** **CA UST** **U003854650**
ENE **0600 W 15TH ST** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.193 mi.
1018 ft. **Site 2 of 6 in cluster U**

Relative:
Lower

Actual:
12 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

U115 **AIR CARGO EQUIPMENT CORP** **RCRA-SQG** **1000106249**
ENE **600 W 15TH ST** **FINDS** **CAD095135810**
1/8-1/4 **LONG BEACH, CA 90813** **CA FID UST**
0.193 mi. **CA HIST UST**
1018 ft. **Site 3 of 6 in cluster U** **CA SWEEPS UST**

Relative:
Lower

Actual:
12 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	AIR CARGO EQUIPMENT CORP
Facility address:	600 W 15TH ST LONG BEACH, CA 90813
EPA ID:	CAD095135810
Mailing address:	W 15TH ST LONG BEACH, CA 90813
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	PUBLIC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

AIR CARGO EQUIPMENT CORP (Continued) **1000106249**

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002664581

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA FID UST:
Facility ID: 19056672
Regulated By: UTNKA
Regulated ID: 00034141
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134356341
Mail To: Not reported
Mailing Address: 600 W 015TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LONG BEACH 90813
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported

AIR CARGO EQUIPMENT CORP (Continued) **1000106249**

EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:

Region:	STATE
Facility ID:	00000034141
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	J.R. FIRESTONE
Telephone:	2134356341
Owner Name:	AIR CARGO EQUIPMENT CORP.
Owner Address:	665 WEST COWLES
Owner City,St,Zip:	LONG BEACH, CA 9083
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

SWEEPS UST:

Status:	Active
Comp Number:	34141
Number:	9
Board Of Equalization:	44-013495
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	19-060-034141-000001
Tank Status:	A
Capacity:	Not reported
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	AVIA. GAS
Number Of Tanks:	2
Status:	Active
Comp Number:	34141
Number:	9
Board Of Equalization:	44-013495

AIR CARGO EQUIPMENT CORP (Continued) **1000106249**

Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	19-060-034141-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Q116
NNE
1/8-1/4
0.200 mi.
1056 ft.

SO CAL COASTAL WATER RES PROJ
646 W PACIFIC COAST HWY
LONG BEACH, CA 90806

RCRA-SQG **1000166478**
FINDS **CAD981371230**
CA HAZNET

Site 9 of 9 in cluster Q

Relative:
Lower

Actual:
12 ft.

RCRA-SQG:

Date form received by agency:	05/08/1986
Facility name:	SO CAL COASTAL WATER RES PROJ
Facility address:	646 W PACIFIC COAST HWY LONG BEACH, CA 90806
EPA ID:	CAD981371230
Contact:	ENVIRONMENTAL MANAGER
Contact address:	646 W PACIFIC COAST HWY LONG BEACH, CA 90806
Contact country:	US
Contact telephone:	(213) 435-7071
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ED VAN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator

SO CAL COASTAL WATER RES PROJ (Continued) **1000166478**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002684113

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

envid:	1000166478
Year:	1993
GEPAID:	CAD981371230
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	646 W PACIFIC COAST HWY
Mailing City,St,Zip:	LONG BEACH, CA 908060000
Gen County:	Not reported
TSD EPA ID:	CAD008364432
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	0.12509999999
Facility County:	Los Angeles

R117
NNE
1/8-1/4
0.203 mi.
1074 ft.

0653 W ESTHER ST
LONG BEACH, CA

CA UST **U003919979**
N/A

Site 2 of 7 in cluster R

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

R118
NNE
1/8-1/4
0.204 mi.
1078 ft.

0650 W ESTHER ST
LONG BEACH, CA

CA UST **U003919978**
N/A

Site 3 of 7 in cluster R

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

V119
NE
1/8-1/4
0.205 mi.
1083 ft.

ASSOCIATED BREWERS DIST. CO.
615 017TH ST W
LONG BEACH, CA 90813

CA HIST CORTESE **S102424693**
CA LUST **N/A**

Site 1 of 6 in cluster V

Relative:
Lower

Actual:
12 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130461

LUST:

Region:	STATE
Global Id:	T0603701957
Latitude:	33.7878936
Longitude:	-118.1995662
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/30/1999
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DK
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130461
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

ASSOCIATED BREWERS DIST. CO. (Continued) **S102424693**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701957
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701957
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID KOO
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dkoo@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701957
Status:	Completed - Case Closed
Status Date:	04/30/1999

Global Id:	T0603701957
Status:	Open - Case Begin Date
Status Date:	10/19/1989

Global Id:	T0603701957
Status:	Open - Site Assessment
Status Date:	02/14/1990

Global Id:	T0603701957
Status:	Open - Site Assessment
Status Date:	11/20/1997

Regulatory Activities:

Global Id:	T0603701957
Action Type:	Other
Date:	10/19/1989
Action:	Leak Discovery

Global Id:	T0603701957
Action Type:	Other
Date:	10/19/1989
Action:	Leak Stopped

Global Id:	T0603701957
Action Type:	Other
Date:	10/19/1989
Action:	Leak Reported

ASSOCIATED BREWERS DIST. CO. (Continued) **S102424693**

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130461
Status:	Case Closed
Substance:	Hydrocarbons
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701957
W Global ID:	Not reported
Staff:	DK
Local Agency:	19060
Cross Street:	MAGNOLIA AVE
Enforcement Type:	Not reported
Date Leak Discovered:	10/19/1989
Date Leak First Reported:	10/19/1989
Date Leak Record Entered:	9/23/1996
Date Confirmation Began:	Not reported
Date Leak Stopped:	10/19/1989
Date Case Last Changed on Database:	6/28/1999
Date the Case was Closed:	4/30/1999
How Leak Discovered:	Subsurface Monitoring
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	14440.216581973052396026143451
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	2/14/1990
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	11/20/1997
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	1/1/1965
Hist Max MTBE Conc in Groundwater:	25
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	ASSOCIATED BREWERS DIST. CO
RP Address:	P.O. BOX 11238, MARINA DEL REY CA 90295
Program:	LUST
Lat/Long:	33.7878936 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	1C1
Cleanup Fund Id:	Not reported
Suspended:	Not reported

ASSOCIATED BREWERS DIST. CO. (Continued) **S102424693**

Assigned Name: Not reported
Summary: 05/01/97 - WORK PLAN FOR ADD'L SITE ASSESSMENT; 01/30/98 - STATUS RPT FOR 4TH QTR 1997; 05/14/98 - STATUS RPT FOR 1ST QTR 1998 & REQUEST FOR CLOSURE; 6/28/99 WELL DESTRUCTION

R120
NE
1/8-1/4
0.207 mi.
1094 ft.

646 W ESTHER ST
LONG BEACH, CA 90813

EDR US Hist Auto Stat **1015589497**
N/A

Site 4 of 7 in cluster R

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:
Name: LONG BEACH AUTOMOTIVE DSTLR
Year: 2004
Address: 646 W ESTHER ST

R121
NNE
1/8-1/4
0.208 mi.
1097 ft.

BRYANT S AUTO RE-CONDITIONING
639 W ESTHER ST
LONG BEACH, CA

EDR US Hist Auto Stat **1009122384**
N/A

Site 5 of 7 in cluster R

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:
Name: BRYANT S AUTO RE-CONDITIONING
Year: 1939
Type: AUTOMOBILE REPAIRING

R122
NE
1/8-1/4
0.210 mi.
1107 ft.

MEADOWS ROOFING
0645 W ESTHER ST
LONG BEACH, CA

CA UST **U003660684**
N/A

Site 6 of 7 in cluster R

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0T
Tank Test: Not reported
Leak Test: Not reported
Tank Status: Not reported

V123
NE
1/8-1/4
0.212 mi.
1119 ft.

VACANT
0615 W 17TH ST
LONG BEACH, CA

CA UST **U003854658**
N/A

Site 2 of 6 in cluster V

Relative:
Lower

Actual:
12 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0T
Tank Test: Not reported

VACANT (Continued) **U003854658**

Leak Test: Not reported
Tank Status: Not reported

W124
East
1/8-1/4
0.215 mi.
1133 ft.

SPICK & SPAN LAUNDRY
609 COWLES
LONG BEACH, CA

EDR US Hist Cleaners **1009161472**
N/A

Site 1 of 4 in cluster W

Relative:
Lower

Actual:
13 ft.

EDR Historical Cleaners:
Name: SPICK & SPAN LAUNDRY
Year: 1924
Type: LAUNDRIES

X125
West
1/8-1/4
0.215 mi.
1136 ft.

NEILL AIRCRAFT CO.
1227 W COWLES ST
LONG BEACH, CA

CA UST **U003660595**
N/A

Site 1 of 7 in cluster X

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0T
Tank Test: Not reported
Leak Test: Not reported
Tank Status: Not reported

X126
West
1/8-1/4
0.219 mi.
1157 ft.

JERRY & KATHLEEN GLIKESMAN
1234 COWLES ST
LONG BEACH, CA 90808

CA FID UST **S101587013**
CA SWEEPS UST **N/A**

Site 2 of 7 in cluster X

Relative:
Lower

Actual:
13 ft.

CA FID UST:
Facility ID: 19054707
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 3109440263
Mail To: Not reported
Mailing Address: 87 DAPPLE GRAY
Mailing Address 2: Not reported
Mailing City,St,Zip: LONG BEACH 90808
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

JERRY & KATHLEEN GLIKESMAN (Continued) **S101587013**

SWEEPS UST:

Status:	Not reported
Comp Number:	54445
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-060-054445-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	1

X127 **SPEEDY FUEL, INC.** **CA LUST** **S104406362**
West **1234 COWLES ST W** **N/A**
1/8-1/4 **LONG BEACH, CA 90813**
0.219 mi.
1157 ft. **Site 3 of 7 in cluster X**

Relative:
Lower

Actual:
13 ft.

LUST:

Region:	STATE
Global Id:	T0603701973
Latitude:	33.7845427
Longitude:	-118.2081905
Case Type:	LUST Cleanup Site
Status:	Open - Eligible for Closure
Status Date:	07/15/2014
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JH
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	908130625
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701973
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

Global Id:	T0603701973
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF

SPEEDY FUEL, INC. (Continued) **S104406362**

Address: 2525 GRAND AVE.
City: LONG BEACH
Email: carmen.piro@longbeach.gov
Phone Number: 5625704137

Status History:

Global Id: T0603701973
Status: Open - Verification Monitoring
Status Date: 01/07/2000

Global Id: T0603701973
Status: Open - Eligible for Closure
Status Date: 07/15/2014

Global Id: T0603701973
Status: Open - Case Begin Date
Status Date: 10/20/1999

Global Id: T0603701973
Status: Open - Site Assessment
Status Date: 03/07/2000

Global Id: T0603701973
Status: Open - Site Assessment
Status Date: 03/27/2000

Global Id: T0603701973
Status: Open - Site Assessment
Status Date: 09/25/2000

Regulatory Activities:

Global Id: T0603701973
Action Type: ENFORCEMENT
Date: 03/12/2014
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701973
Action Type: RESPONSE
Date: 06/05/2014
Action: Request for Closure - Regulator Responded

Global Id: T0603701973
Action Type: Other
Date: 10/20/1999
Action: Leak Discovery

Global Id: T0603701973
Action Type: ENFORCEMENT
Date: 01/04/2012
Action: Staff Letter

Global Id: T0603701973
Action Type: ENFORCEMENT
Date: 03/05/2012
Action: Staff Letter

SPEEDY FUEL, INC. (Continued) **S104406362**

Global Id: T0603701973
Action Type: Other
Date: 01/07/2000
Action: Leak Reported

Global Id: T0603701973
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603701973
Action Type: ENFORCEMENT
Date: 03/20/2009
Action: Staff Letter

Global Id: T0603701973
Action Type: RESPONSE
Date: 05/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701973
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701973
Action Type: ENFORCEMENT
Date: 06/24/2002
Action: Staff Letter

Global Id: T0603701973
Action Type: ENFORCEMENT
Date: 03/20/2000
Action: Staff Letter

Global Id: T0603701973
Action Type: ENFORCEMENT
Date: 07/15/2014
Action: Notification - Preclosure

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908130625
Status: Pollution Characterization
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603701973
W Global ID: Not reported
Staff: HDN
Local Agency: 19060
Cross Street: FASHION AVE

SPEEDY FUEL, INC. (Continued) **S104406362**

Enforcement Type:	LET	
Date Leak Discovered:	10/20/1999	
Date Leak First Reported:		1/7/2000
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/21/2000
Date the Case was Closed:		Not reported
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	AFCO	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		17074.06852108346586653956442 5
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		3/7/2000
Preliminary Site Assessment Began:		3/27/2000
Pollution Characterization Began:		9/25/2000
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		1/7/2000
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		1/1/1965
Hist Max MTBE Conc in Groundwater:		290
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CHERYL A. MADDEN	
RP Address:	2251 OHIO AVE.	
Program:	LUST	
Lat/Long:	33.7845427 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	3/3/00 LIMITED SUBSURFACE INVESTIGATION; 3/22/00 ADD'L SOIL & GW INVESTIGATION	

X128 West 1/8-1/4 0.220 mi. 1159 ft. **MICOR LONG BEACH LLC** **CA UST** **U003779459**
1234 W COWLES ST **N/A**
LONG BEACH, CA 90813

Site 4 of 7 in cluster X

Relative: Lower

Actual: 13 ft.

UST:

Facility ID:	19-060-3147
Permitting Agency:	LONG BEACH, CITY OF
Latitude:	33.7858296
Longitude:	-118.2068323

MICOR LONG BEACH LLC (Continued) **U003779459**

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	5F
Tank Test:	Dual Walled
Leak Test:	Not reported
Tank Status:	Not reported

X129 **EDR US Hist Auto Stat** **1015189711**
West **N/A**
1/8-1/4
0.220 mi.
1159 ft.

1234 W COWLES ST
LONG BEACH, CA 90813

Site 5 of 7 in cluster X

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	SPEEDY FUEL INC
Year:	2004
Address:	1234 W COWLES ST
Name:	SPEEDY FUEL INC
Year:	2005
Address:	1234 W COWLES ST
Name:	SPEEDY FUEL INC
Year:	2006
Address:	1234 W COWLES ST
Name:	DELTA AUTO SERVICE INC
Year:	2007
Address:	1234 W COWLES ST
Name:	DELTA AUTO SERVICE INC
Year:	2008
Address:	1234 W COWLES ST
Name:	SPEEDY FUEL INC
Year:	2010
Address:	1234 W COWLES ST
Name:	SPEEDY FUEL INC
Year:	2011
Address:	1234 W COWLES ST
Name:	SPEEDY FUEL INC
Year:	2012
Address:	1234 W COWLES ST

X130 West 1/8-1/4 0.220 mi. 1159 ft. | **MICOR ENERGY LLC** | **CA HIST CORTESE** | **S103976936** | **N/A**

1234 COWLES
LONG BEACH, CA 90808

Site 6 of 7 in cluster X

Relative: Lower

Actual: 13 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130625

Y131 ESE 1/8-1/4 0.220 mi. 1164 ft. | **CA UST** | **U003919741** | **N/A**

0602 W ANAHEIM ST
LONG BEACH, CA

Site 1 of 8 in cluster Y

Relative: Higher

Actual: 16 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

Y132 ESE 1/8-1/4 0.220 mi. 1164 ft. | **UHL AUTO REPAIR** | **EDR US Hist Auto Stat** | **1009015645** | **N/A**

602 W ANAHEIM ST
LONG BEACH, CA

Site 2 of 8 in cluster Y

Relative: Higher

Actual: 16 ft.

EDR Historical Auto Stations:

Name:	KNOWLTON J P
Year:	1924
Type:	SERVICE STATIONS OIL AND GAS
Name:	BURNAND E G
Year:	1931
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	BURNAND E G
Year:	1935
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	BURNAND E G
Year:	1939
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	BURNAND E G
Year:	1939
Type:	GASOLINE AND OIL SERVICE STATIONS
Name:	UHL AUTO REPAIR
Year:	1957
Type:	AUTOMOBILE REPAIRING
Name:	UHL AUTO REPAIR

UHL AUTO REPAIR (Continued) **1009015645**

Year: 1957
Type: AUTOMOBILE REPAIRING

Name: TORN & JERRY S SERVICE
Year: 1963
Type: AUTOMOBILE REPAIRING

Z133 **QUAN LEE** **EDR US Hist Cleaners** **1009143403**
NNE **630 W PACIFIC COAST HWY** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.221 mi.
1166 ft. **Site 1 of 5 in cluster Z**

Relative:
Lower

Actual:
12 ft.

EDR Historical Cleaners:

Name: QUAN LEE
Year: 1944
Type: LAUNDRIES HAND

Name: QUAN LEE
Year: 1944
Type: LAUNDRIES-HAND

Name: LEW W L
Year: 1948
Type: LAUNDRIES CHINESE

Name: LEW W L
Year: 1948
Type: LAUNDRIES CHINESE

Name: QUAN LEE LAUNDRY
Year: 1952
Type: LAUNDRIES SELF SERVE

Name: QUAN LEE LAUNDRY
Year: 1957
Type: LAUNDRIES

Name: QUAN LEE LAUNDRY
Year: 1957
Type: LAUNDRIES

Name: QUAI LEE LAUNDRY
Year: 1963
Type: LAUNDRIES AND DRY CLEANING

Name: QUAI LEE LAUNDRY
Year: 1963
Type: LAUNDRIES AND DRY CLEANING

Name: LEW S CHINESE LAUNDRY & CLEANERS
Year: 1969
Type: LAUNDRIES

Name: LEW S CHINESE LAUNDRY & CLEANERS
Year: 1969
Type: LAUNDRIES

Z134
NNE
1/8-1/4
0.222 mi.
1174 ft.

QUAN LEE LAUNDRY
630 W PACIFIC COAST
LONG BEACH, CA

Site 2 of 5 in cluster Z

EDR US Hist Cleaners **1009162775**
N/A

Relative:
Lower

Actual:
12 ft.

EDR Historical Cleaners:

Name:	QUAN LEE LAUNDRY
Year:	1952
Type:	LAUNDRIES SELF SERVE

R135
NE
1/8-1/4
0.222 mi.
1174 ft.

629 W ESTHER ST
LONG BEACH, CA 90813

Site 7 of 7 in cluster R

EDR US Hist Auto Stat **1015583101**
N/A

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	TRANS AUTO EXPERTS
Year:	2005
Address:	629 W ESTHER ST

W136
East
1/8-1/4
0.223 mi.
1175 ft.

1433 DAISY AVE
LONG BEACH, CA 90813

Site 2 of 4 in cluster W

EDR US Hist Auto Stat **1015227686**
N/A

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	J & P TRUCK BODY SHOP
Year:	2008
Address:	1433 DAISY AVE
Name:	J & P TRUCK BODY SHOP
Year:	2009
Address:	1433 DAISY AVE
Name:	J & P TRUCK BODY SHOP
Year:	2010
Address:	1433 DAISY AVE
Name:	J & P TRUCK & AUTO BODY SHOP
Year:	2011
Address:	1433 DAISY AVE
Name:	J & P TRUCK AUTO BODY CORP
Year:	2012
Address:	1433 DAISY AVE

W137 East 1/8-1/4 0.223 mi. 1175 ft. | **LONG BEACH BLUEPRINT** | **CA UST** | **U003660626**
1435 DAISY AVE | **N/A**
LONG BEACH, CA

Site 3 of 4 in cluster W

Relative: Higher

Actual: 14 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	4F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

U138 ENE 1/8-1/4 0.223 mi. 1175 ft. | **R & M ENTERPRISES** | **CA HIST CORTESE** | **S102435591**
1501 DAISY AVE | **CA LUST** | **N/A**
LONG BEACH, CA 90813

Site 4 of 6 in cluster U

Relative: Lower

Actual: 13 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130243

LUST:

Region:	STATE
Global Id:	T0603701938
Latitude:	33.7861199
Longitude:	-118.199797
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/06/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130243
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701938
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701938
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO

R & M ENTERPRISES (Continued) **S102435591**

Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701938
Status:	Open - Case Begin Date
Status Date:	01/10/1989
Global Id:	T0603701938
Status:	Open - Remediation
Status Date:	06/05/1996
Global Id:	T0603701938
Status:	Open - Remediation
Status Date:	11/03/1996
Global Id:	T0603701938
Status:	Open - Site Assessment
Status Date:	06/30/1995
Global Id:	T0603701938
Status:	Open - Site Assessment
Status Date:	04/30/1996
Global Id:	T0603701938
Status:	Completed - Case Closed
Status Date:	11/06/1996

Regulatory Activities:

Global Id:	T0603701938
Action Type:	Other
Date:	03/11/1992
Action:	Leak Discovery
Global Id:	T0603701938
Action Type:	Other
Date:	01/10/1989
Action:	Leak Stopped
Global Id:	T0603701938
Action Type:	Other
Date:	07/06/1995
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130243
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported

R & M ENTERPRISES (Continued) **S102435591**

Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701938	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19060	
Cross Street:	015TH ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	3/11/1992	
Date Leak First Reported:		7/6/1995
Date Leak Record Entered:	6/30/1995	
Date Confirmation Began:	6/30/1995	
Date Leak Stopped:	1/10/1989	
Date Case Last Changed on Database:		4/30/1997
Date the Case was Closed:		11/6/1996
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Overfill	
Leak Source:	UNK	
Operator:	RICHARD WHITESELL	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		15015.06559075035080109726242 1
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		4/30/1996
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		6/5/1996
Remedial Action Underway:		11/3/1996
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BLANK RP	
RP Address:	1501 DAISY AVE LONG BEACH CA 90813	
Program:	LUST	
Lat/Long:	33.7857706 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	DEPTH TO GRNWTR 13FT BGS. IN SOIL ABOVE WATER TABLE HAVE: 15,000 MG/KG TPH, 830 MG/KG XYLENES: IN SOIL BELOW WATER TABLE HAVE 220 TPH, 2.6 XYLENES.	

U139
ENE
1/8-1/4
0.223 mi.
1175 ft.

H&S IRON WORKS
1501 DAISY AVE
LONG BEACH, CA

CA UST **U003920390**
N/A

Site 5 of 6 in cluster U

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

S140
East
1/8-1/4
0.223 mi.
1179 ft.

HAMASAKI K
600 W 14TH ST
LONG BEACH, CA

EDR US Hist Auto Stat **1009049393**
N/A

Site 3 of 8 in cluster S

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	HAMASAKI K
Year:	1939
Type:	GASOLINE AND OIL SERVICE STATIONS

S141
ESE
1/8-1/4
0.223 mi.
1179 ft.

BUCHANAN W O
1318 DAISY AV
LONG BEACH, CA

EDR US Hist Auto Stat **1009049217**
N/A

Site 4 of 8 in cluster S

Relative:
Higher

Actual:
15 ft.

EDR Historical Auto Stations:

Name:	BUCHANAN W O
Year:	1931
Type:	AUTOMOBILE REPAIRING

S142
ESE
1/8-1/4
0.223 mi.
1180 ft.

SQUARE DEAL AUTO REPAIR SHOP
1324 DAISY AV
LONG BEACH, CA

EDR US Hist Auto Stat **1009050102**
N/A

Site 5 of 8 in cluster S

Relative:
Higher

Actual:
15 ft.

EDR Historical Auto Stations:

Name:	SQUARE DEAL AUTO REPAIR SHOP
Year:	1924
Type:	AUTOMOBILE REPAIRING

X143 West 1/8-1/4 0.224 mi. 1182 ft. | **GAYLORD INSPECTION LABS INC** | **RCRA NonGen / NLR** | **1000290834**
1243 W COWLES | **FINDS** | **CAD028413250**
LONG BEACH, CA 90813

Site 7 of 7 in cluster X

Relative: Lower

Actual: 12 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/22/1980
Facility name:	GAYLORD INSPECTION LABS INC
Facility address:	1243 W COWLES LONG BEACH, CA 90813
EPA ID:	CAD028413250
Mailing address:	W COWLES LONG BEACH, CA 90813
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1243 W COWLES LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(213) 432-2901
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JAMES L DANKS
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

GAYLORD INSPECTION LABS INC (Continued) **1000290834**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002640429

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

S144
ESE
1/8-1/4
0.224 mi.
1182 ft.

MARINE GLASS CO **CA UST** **U003660624**
1350 DAISY AVE **N/A**
LONG BEACH, CA

Site 6 of 8 in cluster S

Relative:
Higher

Actual:
15 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0T
Tank Test: Not reported
Leak Test: Not reported
Tank Status: Not reported

W145
East
1/8-1/4
0.224 mi.
1183 ft.

CA UST **U003919946**
N/A

1450 DAISY AVE
LONG BEACH, CA

Site 4 of 4 in cluster W

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:
Region: LONG BEACH
Tanks: 0F
Tank Test: Not reported
Leak Test: Not reported
Tank Status: Not reported

U146
ENE
1/8-1/4
0.224 mi.
1184 ft.

1500 DAISY AVE
LONG BEACH, CA

Site 6 of 6 in cluster U

CA UST **U003919947**
N/A

Relative:
Lower

Actual:
13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

S147
ESE
1/8-1/4
0.224 mi.
1185 ft.

FAULDS WM
1388 DAISY AVE
LONG BEACH, CA

Site 7 of 8 in cluster S

EDR US Hist Auto Stat **1009016803**
N/A

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	FAULDS WM
Year:	1935
Type:	AUTOMOBILE REPAIRS
Name:	FAULDS WM
Year:	1935
Type:	AUTOMOBILE REPAIRING
Name:	FAULDS WM
Year:	1939
Type:	AUTOMOBILE REPAIRING

S148
ESE
1/8-1/4
0.224 mi.
1185 ft.

CLEAN RITE LAUNDRY
1388 DAISY AV
LONG BEACH, CA

Site 8 of 8 in cluster S

EDR US Hist Cleaners **1009142480**
N/A

Relative:
Higher

Actual:
14 ft.

EDR Historical Cleaners:

Name:	CLEAN RITE LAUNDRY
Year:	1931
Type:	LAUNDRIES-STEAM
Name:	UNION OVERALL CLEANERS
Year:	1944
Type:	CLOTHES PRESSERS AND CLEANERS
Name:	UNION OVERALL CLEANERS
Year:	1944
Type:	CLOTHES PRESSERS AND CLEANERS

V149
NE
1/8-1/4
0.224 mi.
1185 ft.

1645 DAISY AVE
LONG BEACH, CA

Site 3 of 6 in cluster V

CA UST **U003919949**
N/A

Relative:
Lower

Actual:
12 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

150
East
1/8-1/4
0.225 mi.
1186 ft.

NEAL FASHION
1402 DAISY AVE
LONG BEACH, CA

CA UST **U003660625**
N/A

Relative:
Higher

Actual:
14 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

T151
NE
1/8-1/4
0.226 mi.
1192 ft.

1600 DAISY AVE
LONG BEACH, CA

Site 2 of 2 in cluster T

CA UST **U003919948**
N/A

Relative:
Higher

Actual:
14 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

V152
NE
1/8-1/4
0.226 mi.
1192 ft.

R & M PLATING COMPANY
1640 DAISY STREET
LONG BEACH, CA 90813

Site 4 of 6 in cluster V

RCRA-LQG FINDS **1012175938**
CAR000197533

Relative:
Lower

Actual:
13 ft.

RCRA-LQG:

Date form received by agency:	01/06/2009
Facility name:	FINE QUALITY METAL FINISHING, INC.
Facility address:	1640 DAISY AVENUE LONG BEACH, CA 90813
EPA ID:	CAR000197533
Mailing address:	DAISY AVENUE

R & M PLATING COMPANY (Continued) **1012175938**

	LONG BEACH, CA 90813
Contact:	JOHN J ESFANDI
Contact address:	DAISY AVENUE LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(562) 432-2248
Contact email:	JESFANDI@AOL.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	FINE QUALITY METAL FINISHING, INC.
Owner/operator address:	DAISY AVENUE LONG BEACH, CA 90813
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/14/1984
Owner/Op end date:	Not reported

Owner/operator name:	FINE QUALITY METAL FINISHING, INC.
Owner/operator address:	DAISY AVENUE LONG BEACH, CA 90813
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/14/1984
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

R & M PLATING COMPANY (Continued) **1012175938**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Violation Status: No violations found

FINDS:

Registry ID: 110002631233

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110055718656

Environmental Interest/Information System
STATE MASTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

V153 NE 1/8-1/4 0.226 mi. 1192 ft. | **R & M PLATING COMPANY**
1640 DAISY STREET
LONG BEACH, CA 90813 | **RCRA-SQG**
CA HIST UST | **1000122992**
CAD008263733

Site 5 of 6 in cluster V

Relative: Lower

Actual: 13 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	R & M PLATING COMPANY
Facility address:	1640 DAISY STREET LONG BEACH, CA 90813
EPA ID:	CAD008263733
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	R&M PLATING
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

R & M PLATING COMPANY (Continued) **1000122992**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/12/1980
Site name: R & M PLATING COMPANY
Classification: Large Quantity Generator

Violation Status: No violations found

HIST UST:
Region: STATE
Facility ID: 00000017604
Facility Type: Other
Other Type: PLATING
Contact Name: OWNER
Telephone: 2134322248
Owner Name: ANITA QUINONES
Owner Address: 1640 DAISY AVE
Owner City,St,Zip: LONG BEACH, CA 90813
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1975
Tank Capacity: 00001800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

V154 **FINE QUALITY METAL FINISHING, INC.** **RCRA-LQG** **1007200260**
NE **1640 DAISY AVENUE** **CAL000096550**
1/8-1/4 **LONG BEACH, CA 90813**
0.226 mi.
1192 ft. **Site 6 of 6 in cluster V**

Relative:
Lower

Actual:
13 ft.

RCRA-LQG:
Date form received by agency: 08/17/2010
Facility name: FINE QUALITY METAL FINISHING, INC.
Facility address: 1640 DAISY AVENUE
LONG BEACH, CA 90813
EPA ID: CAL000096550
Contact: JOHN ESFANDI
Contact address: 1640 DAISY AVENUE
LONG BEACH, CA 90813
Contact country: US
Contact telephone: (562) 432-2248
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any

FINE QUALITY METAL FINISHING, INC. (Continued) **1007200260**

residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	FINE QUALITY METAL FINISHING, INC.
Owner/operator address:	1640 DAISY AVENUE LONG BEACH, CA 90813
Owner/operator country:	US
Owner/operator telephone:	(562) 432-2248
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1983
Owner/Op end date:	Not reported

Owner/operator name:	FINE QUALITY METAL FINISHING, INC.
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1984
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

FINE QUALITY METAL FINISHING, INC. (Continued) **1007200260**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Historical Generators:
Date form received by agency: 02/26/2004
Site name: FINE QUALITY METAL FINISHING
Classification: Small Quantity Generator

Date form received by agency: 02/26/2004
Site name: FINE QUALITY METAL FINISHING
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Date form received by agency: 02/20/2002
Site name: FINE QUALITY METAL FINISHING
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 10/27/2008
Date achieved compliance: 12/30/2008
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/08/2008
Enf. disposition status: Not reported

FINE QUALITY METAL FINISHING, INC. (Continued) **1007200260**

Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 10/27/2008
Date achieved compliance: 12/30/2008
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 11/17/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/12/2004
Date achieved compliance: 06/01/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/27/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 12/30/2008
Evaluation lead agency: EPA

Evaluation date: 05/12/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/01/2005
Evaluation lead agency: State Contractor/Grantee

Y155 **EDR US Hist Auto Stat** **1009015925**
ESE **551 W ANAHEIM ST** **N/A**
1/8-1/4 **LONG BEACH, CA 90813**
0.227 mi.
1196 ft. **Site 3 of 8 in cluster Y**

Relative:
Higher

Actual:
16 ft.

EDR Historical Auto Stations:
Name: FINGADO & ELDRED
Year: 1924
Type: SERVICE STATIONS OIL AND GAS

(Continued) **1009015925**

Name: FINGADO & ELDRED
Year: 1931
Type: GASOLINE AND OIL SERVICE STATIONS

Name: FINGADO & ELDRED
Year: 1935
Type: GASOLINE AND OIL SERVICE STATIONS

Name: FINGADO & ELDRED
Year: 1939
Type: GASOLINE AND OIL SERVICE STATIONS

Name: FINGADO & ELDRED
Year: 1944
Type: GASOLINE AND OIL SERVICE STATIONS

Name: FINGADO S MOBIL SERVICE
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: FINGADO S MOBIL SERVICE
Year: 1948
Type: GASOLINE AND OIL SERVICE STATIONS

Name: FINGADO S MOBIL SERVICE
Year: 1952
Type: GASOLINE STATIONS

Name: FINGADO S MOBIL SERVICE
Year: 1952
Type: GASOLINE STATIONS

Name: FINGADO S MOBIL SERVICE
Year: 1957
Type: GASOLINE STATIONS

Name: FINGADO S MOBIL SERVICE
Year: 1957
Type: GASOLINE STATIONS

Name: NICOSON & BACHMAN MOBIL SERVICE
Year: 1963
Type: GASOLINE STATIONS

Name: NICOSON & BACHMAN MOBIL SERVICE
Year: 1963
Type: GASOLINE STATIONS

Name: SMITH BROTHERS BODY SHOP & GENERAL REPAIR
Year: 1999
Address: 551 W ANAHEIM ST

Name: SMITH BRTHR BODY SHOP & GNRL
Year: 2001
Address: 551 W ANAHEIM ST

Name: SMITH BRTHR BODY SHOP & GNRL

(Continued) **1009015925**

Year: 2002
Address: 551 W ANAHEIM ST

Name: SMITH BRTHR BODY SHOP & GNRL
Year: 2003
Address: 551 W ANAHEIM ST

Y156
ESE
1/8-1/4
0.227 mi.
1196 ft.

FINGADO'S MOBIL SERVICE
551 W ANAHEIM
LONG BEACH, CA 90745

EDR US Hist Auto Stat **1008996150**
N/A

Site 4 of 8 in cluster Y

Relative:
Higher

Actual:
16 ft.

EDR Historical Auto Stations:
Name: FINGADO'S MOBIL SERVICE
Year: 1955
Type: Not reported

Y157
ESE
1/8-1/4
0.227 mi.
1196 ft.

EXXONMOBIL OIL CORP 99LBC
551 WEST ANAHEIM ST
LONG BEACH, CA 90813

RCRA-LQG **1000594695**
CAD983585621

Site 5 of 8 in cluster Y

Relative:
Higher

Actual:
16 ft.

RCRA-LQG:
Date form received by agency: 10/11/2011
Facility name: EXXONMOBIL OIL CORP 99LBC
Facility address: 551 WEST ANAHEIM ST
LONG BEACH, CA 90813
EPA ID: CAD983585621
Mailing address: 800 E WASHINGTON ST
EMES CO JD2 ENVIRONMENTAL
WEST CHESTER, PA 19380
Contact: DONNA HYMES
Contact address: 800 E WASHINGTON ST
WEST CHESTER, PA 19380
Contact country: US
Contact telephone: 610-430-8151
Contact email: DHYMES@JD2ENV.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: EXXONMOBIL ENVIRONMENTAL SVCS

EXXONMOBIL OIL CORP 99LBC (Continued) **1000594695**

Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/09/2011
Owner/Op end date: Not reported

Owner/operator name: HENRY TUCKER
Owner/operator address: 551 W ANAHEIM ST
LONG BEACH, CA 90813
Owner/operator country: US
Owner/operator telephone: 310-599-6261
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1989
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Historical Generators:
Date form received by agency: 06/21/1991
Site name: SMITH BROS AUTO REPAIR
Classification: Not a generator, verified

Violation Status: No violations found

Y158
ESE
1/8-1/4
0.227 mi.
1196 ft.

SMITH BROTHERS AUTO REPAIR
0551 W ANAHEIM ST
LONG BEACH, CA

CA UST **U003660141**
N/A

Site 6 of 8 in cluster Y

Relative:
Higher

Actual:
16 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0F
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

AA159
NE
1/8-1/4
0.227 mi.
1199 ft.

623 W ESTHER ST
LONG BEACH, CA 90813

EDR US Hist Auto Stat **1015581204**
N/A

Site 1 of 3 in cluster AA

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	TRANS AUTO XPRESS
Year:	2010
Address:	623 W ESTHER ST

AA160
NE
1/8-1/4
0.229 mi.
1208 ft.

621 W ESTHER ST
LONG BEACH, CA 90813

EDR US Hist Auto Stat **1015580331**
N/A

Site 2 of 3 in cluster AA

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	TRANS AUTO XPRESS
Year:	2005
Address:	621 W ESTHER ST
Name:	TRANS AUTO XPRESS
Year:	2006
Address:	621 W ESTHER ST
Name:	TRANS AUTO XPRESS
Year:	2008
Address:	621 W ESTHER ST
Name:	TRANS AUTO XPRESS
Year:	2009
Address:	621 W ESTHER ST

Y161
SE
1/8-1/4
0.234 mi.
1235 ft.

FIRE STATION 3
1222 DAISY AVE
LONG BEACH, CA

CA UST **U003660623**
N/A

Site 7 of 8 in cluster Y

Relative:
Higher

Actual:
23 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

AB162
WNW
1/8-1/4
0.234 mi.
1238 ft.

NEILL AIRCRAFT INC
1260 W 15TH ST
LONG BEACH, CA

CA UST **U003659985**
N/A

Site 1 of 2 in cluster AB

Relative:
Lower

Actual:
10 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

AB163
WNW
1/8-1/4
0.234 mi.
1238 ft.

NEILL AIRCRAFT COMPANY
1260 W 15TH STREET
LONG BEACH, CA 90813

RCRA-SQG **1000287667**
FINDS **CAD982462657**
CA LUST

Site 2 of 2 in cluster AB

Relative:
Lower

Actual:
10 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	NEILL AIRCRAFT COMPANY
Facility address:	1260 W 15TH STREET LONG BEACH, CA 90813
EPA ID:	CAD982462657
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	RAYMOND A NEILL

NEILL AIRCRAFT COMPANY (Continued) **1000287667**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/31/1988
Site name: NEILL AIRCRAFT COMPANY
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002816356

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)

NEILL AIRCRAFT COMPANY (Continued) **1000287667**

provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Region:	STATE
Global Id:	T0603701965
Latitude:	33.7854407
Longitude:	-118.2084165
Case Type:	LUST Cleanup Site
Status:	Open - Eligible for Closure
Status Date:	10/14/2014
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JH
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130543
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701965
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701965
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

Status History:

Global Id:	T0603701965
Status:	Open - Site Assessment
Status Date:	12/01/2012

Global Id:	T0603701965

NEILL AIRCRAFT COMPANY (Continued) **1000287667**

Status: Open - Verification Monitoring
Status Date: 07/18/1997

Global Id: T0603701965
Status: Open - Eligible for Closure
Status Date: 10/14/2014

Global Id: T0603701965
Status: Open - Case Begin Date
Status Date: 01/01/1988

Global Id: T0603701965
Status: Open - Remediation
Status Date: 05/10/2013

Global Id: T0603701965
Status: Open - Site Assessment
Status Date: 07/18/1997

Global Id: T0603701965
Status: Open - Site Assessment
Status Date: 10/14/1997

Global Id: T0603701965
Status: Open - Site Assessment
Status Date: 12/19/1997

Global Id: T0603701965
Status: Open - Site Assessment
Status Date: 07/29/1998

Regulatory Activities:
Global Id: T0603701965
Action Type: RESPONSE
Date: 01/15/2013
Action: CAP/RAP - Final Remediation / Design Plan - Regulator Responded

Global Id: T0603701965
Action Type: RESPONSE
Date: 11/15/2013
Action: Request for Closure - Regulator Responded

Global Id: T0603701965
Action Type: Other
Date: 01/01/1988
Action: Leak Discovery

Global Id: T0603701965
Action Type: REMEDIATION
Date: 08/14/2014
Action: Excavation

Global Id: T0603701965
Action Type: RESPONSE
Date: 07/02/2012
Action: Soil and Water Investigation Report

NEILL AIRCRAFT COMPANY (Continued) **1000287667**

Global Id: T0603701965
Action Type: ENFORCEMENT
Date: 04/06/2012
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701965
Action Type: Other
Date: 07/18/1997
Action: Leak Reported

Global Id: T0603701965
Action Type: ENFORCEMENT
Date: 03/20/2001
Action: Staff Letter

Global Id: T0603701965
Action Type: ENFORCEMENT
Date: 11/30/2012
Action: Staff Letter

Global Id: T0603701965
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603701965
Action Type: ENFORCEMENT
Date: 03/11/2009
Action: Staff Letter

Global Id: T0603701965
Action Type: ENFORCEMENT
Date: 05/10/2013
Action: Staff Letter

Global Id: T0603701965
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701965
Action Type: RESPONSE
Date: 11/15/2013
Action: Site Assessment Report

Global Id: T0603701965
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603701965
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701965
Action Type: ENFORCEMENT

NEILL AIRCRAFT COMPANY (Continued) **1000287667**

Date: 01/24/2014
Action: Staff Letter

Global Id: T0603701965
Action Type: RESPONSE
Date: 07/02/2012
Action: Soil and Water Investigation Report

Global Id: T0603701965
Action Type: RESPONSE
Date: 02/06/2015
Action: Well Destruction Report

Global Id: T0603701965
Action Type: RESPONSE
Date: 04/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701965
Action Type: ENFORCEMENT
Date: 06/24/2002
Action: Staff Letter

Global Id: T0603701965
Action Type: ENFORCEMENT
Date: 10/14/2014
Action: Notification - Preclosure

Global Id: T0603701965
Action Type: RESPONSE
Date: 05/15/2009
Action: Other Report / Document

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908130543
Status: Pollution Characterization
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603701965
W Global ID: Not reported
Staff: HDN
Local Agency: 19060
Cross Street: 710 FWY
Enforcement Type: LET
Date Leak Discovered: 1/1/1988
Date Leak First Reported: 7/18/1997
Date Leak Record Entered: 4/24/1998
Date Confirmation Began: 7/18/1997
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 11/27/2000

NEILL AIRCRAFT COMPANY (Continued) **1000287667**

Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		16828.558327902106321695975613
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		10/14/1997
Preliminary Site Assessment Began:		12/19/1997
Pollution Characterization Began:		7/29/1998
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		7/18/1997
Enforcement Action Date:		3/20/2001
Historical Max MTBE Date:		1/1/1965
Hist Max MTBE Conc in Groundwater:		110
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	NEILL RAY	
RP Address:	2525 GRAND AVE.	
Program:	LUST	
Lat/Long:	33.7854407 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	10/14/97 - WP FOR ADDITIONAL SOIL INVESTIGATION; 03/02/98 - SITE INVESTIGATION REPORT; 06/19/98 - WP SOIL & GW INVESTIGATION WP; 07/16/98 - WP ADDENDUM-ADDL SOIL INVESTIGATION; 11/27/00 GW INVESTIGATION WP	

AC164 **BT EQUIPMENT CO** **CA NPDES** **U001566291**
NW **1255 W 17TH ST** **CA HIST UST** **N/A**
1/8-1/4 **LONG BEACH, CA 90813**
0.238 mi.
1258 ft. **Site 1 of 7 in cluster AC**

Relative:
Lower

Actual:
12 ft.

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	189416
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I004736
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported

BT EQUIPMENT CO (Continued) **U001566291**

Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	04/07/1992
STATUS CODE NAME:	Active
STATUS DATE:	04/07/1992
PLACE SIZE:	25000
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	Dale Seymour
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	562-437-0471
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	dale@thebernscompany.com
OPERATOR NAME:	BT Equipment Co
OPERATOR ADDRESS:	1250 W 17th St
OPERATOR CITY:	Long Beach
OPERATOR STATE:	California
OPERATOR ZIP:	90813
OPERATOR CONTACT NAME:	Steve Berns
OPERATOR CONTACT TITLE:	President
OPERATOR CONTACT PHONE:	562-437-0471
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	steve@thebernscompany.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	562-437-0471
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported

BT EQUIPMENT CO (Continued) **U001566291**

RECEIVING WATER NAME:	Los Angeles River
CERTIFIER NAME:	STEVEN BERNS
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	07-DEC-11
PRIMARY SIC:	3537-Industrial Trucks, Tractors, Trailers, and Stackers
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	189416
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I004736
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	BT Equipment Co
Discharge Address:	1250 W 17th St
Discharge City:	Long Beach
Discharge State:	California
Discharge Zip:	90813
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported

BT EQUIPMENT CO (Continued) **U001566291**

EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

HIST UST:

Region:	STATE
Facility ID:	00000033974
Facility Type:	Other
Other Type:	GARAGE
Contact Name:	DAN BERNS
Telephone:	2134370471
Owner Name:	B.T. EQUIPMENT CO. INC.
Owner Address:	1255 W. 17TH ST.
Owner City,St,Zip:	LONG BEACH, CA 90813
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	101
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

BT EQUIPMENT CO (Continued) **U001566291**

Tank Num:	003
Container Num:	102
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	103
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

AC165 **BERNS CO** **CA UST** **U003660020**
NW **1255 W 17TH ST** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.238 mi.
1258 ft. **Site 2 of 7 in cluster AC**

Relative:
Lower

Actual:
12 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

AC166 **B-T EQUIPMENT CO INC** **RCRA-SQG** **1000112862**
NW **1259 W 17TH ST** **FINDS** **CAD000036558**
1/8-1/4 **LONG BEACH, CA 90813**
0.240 mi.
1267 ft. **Site 3 of 7 in cluster AC**

Relative:
Lower

Actual:
12 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	B-T EQUIPMENT CO INC
Facility address:	1259 W 17TH ST LONG BEACH, CA 90813
EPA ID:	CAD000036558
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

B-T EQUIPMENT CO INC (Continued) **1000112862**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BERNS BROS INC.
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	06/30/1980
Site name:	B-T EQUIPMENT CO INC
Classification:	Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated:	Not reported
Area of violation:	Generators - General
Date violation determined:	05/13/1988
Date achieved compliance:	01/01/1989
Violation lead agency:	State
Enforcement action:	Not reported
Enforcement action date:	Not reported
Enf. disposition status:	Not reported

B-T EQUIPMENT CO INC (Continued) **1000112862**

Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 05/13/1988
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/13/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/01/1989
Evaluation lead agency: State

FINDS:

Registry ID: 110002626123

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AD167 **ORGANIC COMPOUNDS INC** **CERC-NFRAP** **1003878280**
NW **1265 W 16TH ST** **CAD008365041**
1/8-1/4 **LONG BEACH, CA 90813**
0.240 mi.
1267 ft. **Site 1 of 4 in cluster AD**

Relative:
Lower

Actual:
11 ft.

CERC-NFRAP:
Site ID: 0901085
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13290602.00000
Person ID: 13003854.00000

Contact Sequence ID: 13296197.00000
Person ID: 13003858.00000

Contact Sequence ID: 13302055.00000

ORGANIC COMPOUNDS INC (Continued) **1003878280**

Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT
Date Started: 09/01/85
Date Completed: 06/01/86
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 06/01/86
Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 11/01/85
Priority Level: Not reported

AD168 **ORGANIC COMPOUNDS INC** **CA UST** **U003660001**
NW **1265 W 16TH ST** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.240 mi.
1267 ft. **Site 2 of 4 in cluster AD**

Relative:
Lower

Actual:
11 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region: LONG BEACH
Tanks: 3F
Tank Test: Not reported
Leak Test: Not reported
Tank Status: Not reported

AD169 **SNEED JOHN J** **EDR US Hist Auto Stat** **1009018188**
NW **1265 W 16TH ST** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.240 mi.
1267 ft. **Site 3 of 4 in cluster AD**

Relative:
Lower

Actual:
11 ft.

EDR Historical Auto Stations:

Name: SNEED JOHN J
Year: 1963
Type: AUTOMOBILE REPAIRING

AA170 **EDR US Hist Auto Stat** **1015272297**
NE **1745 DAISY AVE** **N/A**
1/8-1/4 **LONG BEACH, CA 90813**
0.242 mi.
1279 ft. **Site 3 of 3 in cluster AA**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name: PR AUTO BODY SHOP
Year: 2003
Address: 1745 DAISY AVE

(Continued) **1015272297**

Name: PR AUTO BODY SHOP
Year: 2004
Address: 1745 DAISY AVE

Name: BEST AUTO BODY & REPAIR
Year: 2005
Address: 1745 DAISY AVE

Name: PR AUTO BODY SHOP
Year: 2008
Address: 1745 DAISY AVE

Name: WEST BODY SHOP
Year: 2010
Address: 1745 DAISY AVE

AC171 **D & S LAUNDERALL SERVICE** **EDR US Hist Cleaners** **1009143218**
NW **1265 W 17TH ST** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.242 mi.
1280 ft. **Site 4 of 7 in cluster AC**

Relative:
Lower

Actual:
12 ft.

EDR Historical Cleaners:
Name: D & S LAUNDERALL SERVICE
Year: 1952
Type: LAUNDRIES SELF SERVE

Name: D & S LAUNDERALL SERVICE
Year: 1952
Type: LAUNDRIES SELF SERVE

Z172 **ZIMMERMAN S.** **EDR US Hist Auto Stat** **1009050364**
NNE **600 W PACIFIC COAST HIGHWAY I** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.246 mi.
1297 ft. **Site 3 of 5 in cluster Z**

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:
Name: ZIMMERMAN S.
Year: 1952
Type: GASOLINE STATIONS

Z173 **ZIMMERMAN S.** **EDR US Hist Auto Stat** **1009016497**
NNE **600 W PACIFIC COAST HWY?I** **N/A**
1/8-1/4 **LONG BEACH, CA**
0.246 mi.
1297 ft. **Site 4 of 5 in cluster Z**

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:
Name: ZIMMERMAN S.
Year: 1952
Type: GASOLINE STATIONS

Z174 NNE 1/8-1/4 0.246 mi. 1297 ft. | **GULF OIL SERVICE STATIONS**
600 W PAC COAST HIGHWAY
LONG BEACH, CA 90745 | **EDR US Hist Auto Stat** | **1008994236**
N/A

Site 5 of 5 in cluster Z

Relative: Lower

Actual: 12 ft.

EDR Historical Auto Stations:

Name:	GULF OIL SERVICE STATIONS
Year:	1976
Type:	Not reported

---

175 South 1/8-1/4 0.248 mi. 1309 ft. | **1020 DE FOREST AVE**
LONG BEACH, CA | **CA UST** | **U003919952**
N/A

Relative: Lower

Actual: 13 ft.

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

AC176 NW 1/4-1/2 0.259 mi. 1367 ft. | **MCMULLEN OIL CO.**
1651 FASHION AVE.
LONG BEACH, CA 90813 | **CA LUST** | **S109284086**
N/A

Site 5 of 7 in cluster AC

Relative: Lower

Actual: 12 ft.

LUST:

Region:	STATE
Global Id:	T0603701931
Latitude:	33.7873227
Longitude:	-118.2088426
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/06/2004
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	NB
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130189
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701931
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH

MCMULLEN OIL CO. (Continued) **S109284086**

Email: carmen.piro@longbeach.gov
Phone Number: 5625704137

Global Id: T0603701931
Contact Type: Regional Board Caseworker
Contact Name: NHAN BAO
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: nbao@waterboards.ca.gov
Phone Number: 2135766703

Status History:
Global Id: T0603701931
Status: Completed - Case Closed
Status Date: 08/06/2004

Global Id: T0603701931
Status: Open - Case Begin Date
Status Date: 04/26/1985

Global Id: T0603701931
Status: Open - Site Assessment
Status Date: 04/18/2002

Global Id: T0603701931
Status: Open - Site Assessment
Status Date: 02/27/2004

Regulatory Activities:
Global Id: T0603701931
Action Type: ENFORCEMENT
Date: 04/02/2004
Action: Staff Letter

Global Id: T0603701931
Action Type: ENFORCEMENT
Date: 08/06/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0603701931
Action Type: ENFORCEMENT
Date: 08/06/2004
Action: Closure/No Further Action Letter

Global Id: T0603701931
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701931
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701931

MCMULLEN OIL CO. (Continued) **S109284086**

Action Type:	RESPONSE
Date:	01/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603701931
Action Type:	REMEDIATION
Date:	04/17/1998
Action:	Excavation
Global Id:	T0603701931
Action Type:	Other
Date:	04/26/1985
Action:	Leak Reported
Global Id:	T0603701931
Action Type:	ENFORCEMENT
Date:	09/04/2002
Action:	Staff Letter
Global Id:	T0603701931
Action Type:	RESPONSE
Date:	10/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603701931
Action Type:	RESPONSE
Date:	04/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603701931
Action Type:	ENFORCEMENT
Date:	09/29/2000
Action:	13267 Requirement
Global Id:	T0603701931
Action Type:	RESPONSE
Date:	05/15/2002
Action:	Preliminary Site Assessment Workplan
Global Id:	T0603701931
Action Type:	RESPONSE
Date:	12/02/2002
Action:	Preliminary Site Assessment Report
Global Id:	T0603701931
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Monitoring Report - Quarterly

AC177 **ACME OIL CO (MCMULLEN OIL)** **CA LUST** **S105692352**
NW **1651 FASHION AVE.** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.259 mi.
1367 ft. **Site 6 of 7 in cluster AC**

Relative:
Lower

Actual:
12 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	908130189	
Status:	Preliminary site assessment underway	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701931	
W Global ID:	Not reported	
Staff:	HSP	
Local Agency:	19060	
Cross Street:	PCH	
Enforcement Type:	DLSEL	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		4/26/1985
Date Leak Record Entered:	6/17/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		7/9/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		16162.19481476824466468498516 7
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		7/18/2002
Preliminary Site Assessment Began:		2/27/2004
Pollution Characterization Began:		4/10/1985
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		9/29/2000
Historical Max MTBE Date:		5/4/2004
Hist Max MTBE Conc in Groundwater:		374
Hist Max MTBE Conc in Soil:		0
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	=	
Soil Qualifier:	ND	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	MR. EDWARD REYNOLDS	
RP Address:	PO BOX 3149	
Program:	LUST	
Lat/Long:	33.7873227 / -1	
Local Agency Staff:	Not reported	

ACME OIL CO (MCMULLEN OIL) (Continued) **S105692352**

Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

Y178 ESE 1/4-1/2 0.260 mi. 1374 ft. | **EXXONMOBIL 99LBC**
551 WEST ANAHEIM STREET
LONG BEACH, CA 90813 | **CA LUST** | **S112273485**
N/A

Site 8 of 8 in cluster Y

Relative: Higher

Actual: 19 ft.

LUST:

Region:	STATE
Global Id:	T10000004446
Latitude:	33.782924
Longitude:	-118.199158
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/03/2013
Lead Agency:	LONG BEACH, CITY OF
Case Worker:	CP
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	Not reported
LOC Case Number:	PR0020980
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T10000004446
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T10000004446
Status:	Completed - Case Closed
Status Date:	01/03/2013
Global Id:	T10000004446
Status:	Open - Assessment & Interim Remedial Action
Status Date:	11/16/2012
Global Id:	T10000004446
Status:	Open - Case Begin Date
Status Date:	10/12/2010

Regulatory Activities:

EXXONMOBIL 99LBC (Continued) **S112273485**

Global Id: T10000004446
Action Type: Other
Date: 10/12/2010
Action: Leak Discovery

Global Id: T10000004446
Action Type: Other
Date: 10/24/2012
Action: Leak Stopped

Global Id: T10000004446
Action Type: Other
Date: 03/13/2012
Action: Leak Reported

Global Id: T10000004446
Action Type: ENFORCEMENT
Date: 01/03/2013
Action: Closure/No Further Action Letter

AD179 **ACME OIL CO (MCMULLEN OIL** **CA HIST CORTESE** **S104159966**
NW **1305 016TH** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.274 mi.
1447 ft. **Site 4 of 4 in cluster AD**

Relative:
Lower

Actual:
12 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908130189

AC180 **HYDRO SERVICES CO** **RCRA-SQG** **1000366351**
NW **1322 17TH ST** **FINDS** **CAD982025496**
1/4-1/2 **LONG BEACH, CA 90813** **CA HIST CORTESE**
0.281 mi. **CA UST**
1485 ft. **Site 7 of 7 in cluster AC**

Relative:
Lower

Actual:
12 ft.

RCRA-SQG:
Date form received by agency: 08/17/1987
Facility name: HYDRO SERVICES CO
Facility address: 1322 17TH ST
LONG BEACH, CA 90813
EPA ID: CAD982025496
Mailing address: 17TH ST
LONG BEACH, CA 90813
Contact: ENVIRONMENTAL MANAGER
Contact address: 1322 17TH ST
LONG BEACH, CA 90813
Contact country: US
Contact telephone: (213) 436-0143
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous

HYDRO SERVICES CO (Continued) **1000366351**

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	RICHARD MCMALO PRESIDENT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110009542496

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HYDRO SERVICES CO (Continued) **1000366351**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130516

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported
Leak Test:	Not reported
Tank Status:	Not reported

---

181 ESE 1/4-1/2 0.296 mi. 1561 ft.

SHELL #204-4482-7503
500 ANAHEIM ST.
LONG BEACH, CA 90813

CA LUST **S106916428**
N/A

Relative: Higher

Actual: 27 ft.

LUST:

Region:	STATE
Global Id:	T0603757536
Latitude:	33.7823018981554
Longitude:	-118.19829672575
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	08/15/2007
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DPP
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130689
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603757536
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603757536
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov

SHELL #204-4482-7503 (Continued) **S106916428**

Phone Number: 2135766714

Status History:

Global Id: T0603757536
Status: Open - Site Assessment
Status Date: 07/07/2005

Global Id: T0603757536
Status: Open - Site Assessment
Status Date: 04/25/2006

Global Id: T0603757536
Status: Open - Site Assessment
Status Date: 08/15/2007

Global Id: T0603757536
Status: Open - Case Begin Date
Status Date: 05/30/2003

Regulatory Activities:

Global Id: T0603757536
Action Type: ENFORCEMENT
Date: 07/07/2005
Action: Staff Letter

Global Id: T0603757536
Action Type: Other
Date: 05/30/2003
Action: Leak Discovery

Global Id: T0603757536
Action Type: RESPONSE
Date: 12/06/2010
Action: Site Assessment Report

Global Id: T0603757536
Action Type: RESPONSE
Date: 08/15/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603757536
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603757536
Action Type: RESPONSE
Date: 11/30/2011
Action: Site Assessment Report

Global Id: T0603757536
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603757536

SHELL #204-4482-7503 (Continued) **S106916428**

Action Type:	RESPONSE
Date:	08/30/2005
Action:	Other Report / Document
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603757536
Action Type:	Other
Date:	06/09/2005
Action:	Leak Reported
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	04/25/2006
Action:	Soil and Water Investigation Workplan
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	10/15/2012
Action:	Conceptual Site Model
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	04/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	10/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	01/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	04/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	07/15/2008

SHELL #204-4482-7503 (Continued) **S106916428**

Action: Monitoring Report - Quarterly

Global Id: T0603757536
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603757536
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603757536
Action Type: RESPONSE
Date: 12/08/2008
Action: Soil and Water Investigation Report

Global Id: T0603757536
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603757536
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603757536
Action Type: RESPONSE
Date: 04/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603757536
Action Type: RESPONSE
Date: 10/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603757536
Action Type: RESPONSE
Date: 10/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603757536
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603757536
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603757536
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

SHELL #204-4482-7503 (Continued) **S106916428**

Global Id:	T0603757536
Action Type:	RESPONSE
Date:	11/07/2006
Action:	Soil and Water Investigation Report
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	04/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	04/15/2014
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	02/27/2015
Action:	Site Assessment Report
Global Id:	T0603757536
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Monitoring Report - Semi-Annually

---

182 East 1/4-1/2 0.296 mi. 1563 ft.

DIAMOND U PRODUCTS, INC
1429 MAGNOLIA AVE
LONG BEACH, CA 90813

CA HIST CORTESE **S100273093**
CA LUST **N/A**

Relative: Higher

Actual: 17 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	013191-01

LUST:

Region:	STATE
Global Id:	T0603700054
Latitude:	33.7848846
Longitude:	-118.1981751
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/27/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	013191-01
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

DIAMOND U PRODUCTS, INC (Continued) **S100273093**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700054
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603700054
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603700054
Status:	Open - Case Begin Date
Status Date:	01/18/1991

Global Id:	T0603700054
Status:	Open - Site Assessment
Status Date:	01/28/1991

Global Id:	T0603700054
Status:	Completed - Case Closed
Status Date:	09/27/1996

Regulatory Activities:

Global Id:	T0603700054
Action Type:	Other
Date:	01/18/1991
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	013191-01
Status:	Case Closed
Substance:	Hydrocarbons
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603700054
W Global ID:	Not reported
Staff:	UNK

DIAMOND U PRODUCTS, INC (Continued) **S100273093**

Local Agency:	19060	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		1/18/1991
Date Leak Record Entered:	1/31/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		12/17/1996
Date the Case was Closed:		9/27/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		15008.338259757362819006984404
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		1/28/1991
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	DIAMOND-U PRODUCTS, INC.	
RP Address:	1429 MAGNOLIA AVE., LONG BEACH CA 90813	
Program:	LUST	
Lat/Long:	33.7848846 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	IF THIS IS A SOILS CASE, WHY GRNDWTR MONITORING?	

AE183 **CAMPBELL CONTOUR ATTACHMENTS** **CERC-NFRAP** **1003878275**
NW **1320 W ESTHER ST** **CAD008284333**
1/4-1/2 **LONG BEACH, CA 90813**
0.296 mi.
1564 ft. **Site 1 of 2 in cluster AE**

Relative:
Lower

Actual:
13 ft.

CERC-NFRAP:

Site ID:	0901024
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CAMPBELL CONTOUR ATTACHMENTS (Continued) **1003878275**

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13288540.00000
Person ID:	13003854.00000
Contact Sequence ID:	13294135.00000
Person ID:	13003858.00000
Contact Sequence ID:	13299993.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Assessment History:

Action:	PRELIMINARY ASSESSMENT
Date Started:	08/01/85
Date Completed:	04/01/86
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	04/01/86
Priority Level:	Not reported
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	09/01/85
Priority Level:	Not reported

AE184 **MARINE HARDWARE CO** **CA LUST** **S104406360**
NW **1322 017TH ST W** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.300 mi.
1585 ft. **Site 2 of 2 in cluster AE**

Relative:
Lower

Actual:
12 ft.

LUST:

Region:	STATE
Global Id:	T0603701962
Latitude:	33.7879497
Longitude:	-118.2091306
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/08/2013
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JH
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130516
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701962
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF

MARINE HARDWARE CO (Continued) **S104406360**

Address: 2525 GRAND AVE.
City: LONG BEACH
Email: carmen.piro@longbeach.gov
Phone Number: 5625704137

Global Id: T0603701962
Contact Type: Regional Board Caseworker
Contact Name: JAY HUANG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: jhuang@waterboards.ca.gov
Phone Number: 2135766711

Status History:

Global Id: T0603701962
Status: Open - Verification Monitoring
Status Date: 10/15/1990

Global Id: T0603701962
Status: Completed - Case Closed
Status Date: 10/08/2013

Global Id: T0603701962
Status: Open - Case Begin Date
Status Date: 10/15/1990

Global Id: T0603701962
Status: Open - Eligible for Closure
Status Date: 08/02/2013

Global Id: T0603701962
Status: Open - Remediation
Status Date: 08/19/2002

Global Id: T0603701962
Status: Open - Site Assessment
Status Date: 10/15/1990

Global Id: T0603701962
Status: Open - Site Assessment
Status Date: 11/25/1998

Regulatory Activities:

Global Id: T0603701962
Action Type: ENFORCEMENT
Date: 06/21/2002
Action: Staff Letter

Global Id: T0603701962
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701962
Action Type: RESPONSE

MARINE HARDWARE CO (Continued) **S104406360**

Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701962
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701962
Action Type: RESPONSE
Date: 07/06/2013
Action: Request for Closure - Regulator Responded

Global Id: T0603701962
Action Type: Other
Date: 10/15/1990
Action: Leak Discovery

Global Id: T0603701962
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701962
Action Type: ENFORCEMENT
Date: 07/20/2011
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701962
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701962
Action Type: RESPONSE
Date: 07/15/2002
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603701962
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701962
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701962
Action Type: ENFORCEMENT
Date: 12/30/2011
Action: Staff Letter

Global Id: T0603701962
Action Type: Other
Date: 10/15/1990
Action: Leak Reported

MARINE HARDWARE CO (Continued) **S104406360**

Global Id: T0603701962
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701962
Action Type: ENFORCEMENT
Date: 10/08/2013
Action: Closure/No Further Action Letter

Global Id: T0603701962
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701962
Action Type: ENFORCEMENT
Date: 07/29/2013
Action: Notification - Preclosure

Global Id: T0603701962
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603701962
Action Type: ENFORCEMENT
Date: 03/20/2009
Action: Staff Letter

Global Id: T0603701962
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603701962
Action Type: RESPONSE
Date: 05/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603701962
Action Type: RESPONSE
Date: 03/15/2014
Action: Well Destruction Report

Global Id: T0603701962
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701962
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701962
Action Type: ENFORCEMENT

MARINE HARDWARE CO (Continued) **S104406360**

Date:	02/21/2002
Action:	Staff Letter
Global Id:	T0603701962
Action Type:	ENFORCEMENT
Date:	04/22/1997
Action:	Staff Letter
Global Id:	T0603701962
Action Type:	RESPONSE
Date:	07/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0603701962
Action Type:	RESPONSE
Date:	01/15/2004
Action:	Monitoring Report - Quarterly

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130516
Status:	Remediation Plan
Substance:	Hydrocarbons
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701962
W Global ID:	Not reported
Staff:	HDN
Local Agency:	19060
Cross Street:	Not reported
Enforcement Type:	SEL
Date Leak Discovered:	10/15/1990
Date Leak First Reported:	10/15/1990
Date Leak Record Entered:	12/13/1990
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	8/15/2002
Date the Case was Closed:	Not reported
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	15919.673586913456918710295999
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	10/15/1990
Preliminary Site Assessment Began:	10/15/1990
Pollution Characterization Began:	11/25/1998
Remediation Plan Submitted:	8/19/2002
Remedial Action Underway:	Not reported

MARINE HARDWARE CO (Continued) **S104406360**

Post Remedial Action Monitoring Began:	10/15/1990
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	1/1/1965
Hist Max MTBE Conc in Groundwater:	370
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	FRANK BRANNEN
RP Address:	345 N. 17TH ST.
Program:	LUST
Lat/Long:	33.7879497 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	PLEASE REFER TO 1650 HARBOR AVE. FOR ADD'L INFO. 08/20/97 GW MON & SAMPLING RPT-2ND 97; 10/14/97 GW MON & SAMPLING RPT-3RD 97; 10/19/98 GW MON SEPTEMBER 1998

AF185 **BULK TERMINAL** **CA HIST CORTESE** **S101296712**
South **960 DE FOREST AVE** **CA LUST** **N/A**
1/4-1/2 **LONG BEACH, CA 90813** **CA SLIC**
0.304 mi.
1606 ft. **Site 1 of 2 in cluster AF**

Relative:
Higher

Actual:
17 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130061

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130061
Status:	Pollution Characterization
Substance:	Solvents
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701921
W Global ID:	Not reported
Staff:	SLC
Local Agency:	19060
Cross Street:	Not reported
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	10/31/1984
Date Leak Record Entered:	12/31/1986
Date Confirmation Began:	Not reported

BULK TERMINAL (Continued) **S101296712**

Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		3/26/2001
Date the Case was Closed:		Not reported
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		17849.961892403501719824659725
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		3/31/1988
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	BLANK RP	
RP Address:	Not reported	
Program:	SLIC	
Lat/Long:	33.7789638 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	ON MONITORING PROGRAM. REFER TO SLIC #681	

SLIC:

Region:	STATE
Facility Status:	**Open - Verification Monitoring**
Status Date:	05/21/2014
Global Id:	SL2048H2365
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.779816
Longitude:	-118.20249
Case Type:	Cleanup Program Site
Case Worker:	COR
Local Agency:	Not reported
RB Case Number:	0681
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern:	Benzene, Other Chlorinated Hydrocarbons, Toluene, Xylene, Arsenic, Lead, Polynuclear aromatic hydrocarbons (PAHs)
Site History:	Prior to 1965, the site was owned and operated by Pacific Electric

BULK TERMINAL (Continued) **S101296712**

Railroad Company and used for electric railroad repair, maintenance, and inpection. Southern Pacific Transportation Company acquired the site in 1965 and leased it to various entities, whose primary operations were bulk transfer and storage of liquid petroleum and chemical products. Union Pacific Railroad Company (UPRR) acquired the site in 1966, in a merger of Southern Pacific Transportation Company. Subsequently, the City of Long Beach acquired the Site from the UPRR in May 2007. On-going soil remediation.

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	Site Assessment
SLIC:	0681
Substance:	VOCs
Staff:	AH

AF186 **CHARTER INTL OIL TRANS & TERM** **CERC-NFRAP** **1000369992**
South **960 DEFOREST AVE** **RCRA-LQG** **CAD075274928**
1/4-1/2 **LONG BEACH, CA 90813**
0.304 mi.
1606 ft. **Site 2 of 2 in cluster AF**

Relative:
Higher

Actual:
17 ft.

CERC-NFRAP:

Site ID:	0901579
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13286646.00000
Person ID:	13003854.00000
Contact Sequence ID:	13292241.00000
Person ID:	13003858.00000
Contact Sequence ID:	13298099.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	03/01/85
Priority Level:	Not reported
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	10/01/87
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	10/01/87
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information

CHARTER INTL OIL TRANS & TERM (Continued) **1000369992**

RCRA-LQG:

Date form received by agency:	08/05/2008
Facility name:	960 DEFOREST AVENUE LONG BEACH SITE
Facility address:	960 DEFOREST AVENUE LONG BEACH, CA 90813
EPA ID:	CAD075274928
Mailing address:	10031 FOOTHILLS BLVD ROSEVILLE, CA 95747
Contact:	JAMES E DIEL
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(916) 789-5184
Contact email:	JEDIEL@UP.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CHARTER INTERNATIONAL OIL COMPANY
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	UNION PACIFIC RAILROAD
Owner/operator address:	10031 FOOTHILLS BLVD ROSEVILLE, CA 95747
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private

CHARTER INTL OIL TRANS & TERM (Continued) **1000369992**

Owner/Operator Type: Owner
Owner/Op start date: 06/01/1996
Owner/Op end date: Not reported

Owner/operator name: UNION PACIFIC RAILROAD
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/01/1996
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

Historical Generators:
Date form received by agency: 12/27/2006
Site name: FORMER BULK TERMINAL
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: CORROSIVE WASTE

Date form received by agency: 09/01/1996
Site name: CHARTER INTL OIL TRANSP & TERM
Classification: Small Quantity Generator

Date form received by agency: 10/31/1980
Site name: CHARTER INTL OIL TRANSP & TERM
Classification: Large Quantity Generator

Violation Status: No violations found

AG187 **NATIONAL PLANT SERVICES, INC.** **CA HIST CORTESE** **U001566315**
WNW **1364 W 16TH ST** **CA HIST UST** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.320 mi.
1690 ft. **Site 1 of 4 in cluster AG**

Relative:
Lower

Actual:
11 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130143

HIST UST:

Region:	STATE
Facility ID:	00000005082
Facility Type:	Other
Other Type:	INDUSTRIAL CLEANING
Contact Name:	DENNIS R. KEENE/V.P./GENERAL M
Telephone:	2134373574
Owner Name:	NATIONAL PLANT SERVICES, INC.
Owner Address:	1461 HARBOR AVE.
Owner City,St,Zip:	LONG BEACH, CA 90813
Total Tanks:	0003
Tank Num:	001
Container Num:	DT1
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	DT2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	GT1
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

AG188 **NATIONAL PLANT SERVICES, INC.** **CA LUST** **S105032798**
WNW **1364 016TH ST W** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.326 mi.
1721 ft. **Site 2 of 4 in cluster AG**

Relative:
Lower

Actual:
11 ft.

LUST:

Region:	STATE
Global Id:	T0603701928
Latitude:	33.7870987
Longitude:	-118.2098216
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/29/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130143
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701928
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701928
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701928
Status:	Open - Case Begin Date
Status Date:	08/19/1987

Global Id:	T0603701928
Status:	Completed - Case Closed
Status Date:	05/29/1996

Global Id:	T0603701928
Status:	Open - Site Assessment
Status Date:	03/18/1988

NATIONAL PLANT SERVICES, INC. (Continued) **S105032798**

Regulatory Activities:

Global Id:	T0603701928
Action Type:	Other
Date:	08/19/1987
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130143
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Excavate and Dispose
Global ID:	T0603701928
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19060
Cross Street:	HARBOR
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	8/19/1987
Date Leak Record Entered:	3/10/1988
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	5/22/1996
Date the Case was Closed:	5/29/1996
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	16096.10862248989860530484477
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	3/18/1988
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	NATIONAL PLANT SERVICES

NATIONAL PLANT SERVICES, INC. (Continued) **S105032798**

RP Address:	1461 HARBOR AVE, LONG BEACH, CA 90813
Program:	LUST
Lat/Long:	33.7870987 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	THREE TANKS REMOVED. GROUND WATER CONTAMINATION IS LOCALIZED

AH189 **GEORGE MITCHEL** **CA HIST CORTESE** **S101296838**
WSW **1326 012TH ST W** **CA LUST** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.328 mi.
1732 ft. **Site 1 of 2 in cluster AH**

Relative:
Lower

Actual:
8 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130043

LUST:

Region:	STATE
Global Id:	T0603701919
Latitude:	33.7813218
Longitude:	-118.2091835
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	10/29/2007
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DMB
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130043
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701919
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701919
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID M. BJOSTAD
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200

GEORGE MITCHEL (Continued) **S101296838**

City: Los Angeles
Email: dbjostad@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603701919
Status: Open - Site Assessment
Status Date: 09/20/2006

Global Id: T0603701919
Status: Open - Site Assessment
Status Date: 10/29/2007

Global Id: T0603701919
Status: Open - Verification Monitoring
Status Date: 11/01/1984

Global Id: T0603701919
Status: Open - Case Begin Date
Status Date: 11/01/1984

Global Id: T0603701919
Status: Open - Site Assessment
Status Date: 07/09/1998

Global Id: T0603701919
Status: Open - Site Assessment
Status Date: 07/20/1999

Global Id: T0603701919
Status: Open - Site Assessment
Status Date: 02/08/2001

Global Id: T0603701919
Status: Open - Site Assessment
Status Date: 09/12/2003

Global Id: T0603701919
Status: Open - Site Assessment
Status Date: 11/05/2003

Regulatory Activities:
Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 12/04/2003
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 06/23/2003
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 04/12/2004
Action: Staff Letter

GEORGE MITCHEL (Continued) **S101296838**

Global Id: T0603701919
Action Type: RESPONSE
Date: 09/17/2002
Action: Tank Removal Report / UST Sampling Report

Global Id: T0603701919
Action Type: RESPONSE
Date: 12/01/2002
Action: Soil and Water Investigation Workplan

Global Id: T0603701919
Action Type: RESPONSE
Date: 03/01/2004
Action: Soil and Water Investigation Report

Global Id: T0603701919
Action Type: RESPONSE
Date: 12/22/2014
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0603701919
Action Type: Other
Date: 11/01/1984
Action: Leak Discovery

Global Id: T0603701919
Action Type: RESPONSE
Date: 07/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701919
Action Type: RESPONSE
Date: 09/01/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 06/22/2006
Action: Staff Letter

Global Id: T0603701919
Action Type: RESPONSE
Date: 12/01/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 12/15/2006
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 12/14/2007
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT

GEORGE MITCHEL (Continued) **S101296838**

Date: 08/14/2007
Action: Staff Letter

Global Id: T0603701919
Action Type: Other
Date: 11/01/1984
Action: Leak Stopped

Global Id: T0603701919
Action Type: RESPONSE
Date: 10/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 05/27/2008
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 12/04/2012
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701919
Action Type: Other
Date: 11/01/1984
Action: Leak Reported

Global Id: T0603701919
Action Type: RESPONSE
Date: 11/07/2005
Action: Request for Closure

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 01/29/2008
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 10/08/2003
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 05/07/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0603701919
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701919
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

GEORGE MITCHEL (Continued) **S101296838**

Global Id: T0603701919
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701919
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701919
Action Type: RESPONSE
Date: 10/15/2006
Action: Soil and Water Investigation Workplan

Global Id: T0603701919
Action Type: RESPONSE
Date: 09/15/2013
Action: Soil and Water Investigation Workplan

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603701919
Action Type: RESPONSE
Date: 07/15/2008
Action: Interim Remedial Action Report

Global Id: T0603701919
Action Type: RESPONSE
Date: 07/10/2007
Action: Request for Closure

Global Id: T0603701919
Action Type: RESPONSE
Date: 10/15/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603701919
Action Type: RESPONSE
Date: 01/15/2009
Action: Soil and Water Investigation Report

Global Id: T0603701919
Action Type: RESPONSE
Date: 09/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 07/16/2013
Action: Staff Letter

Global Id: T0603701919
Action Type: RESPONSE

GEORGE MITCHEL (Continued) **S101296838**

Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701919
Action Type: RESPONSE
Date: 01/15/2009
Action: Soil and Water Investigation Report

Global Id: T0603701919
Action Type: RESPONSE
Date: 01/15/2009
Action: Soil and Water Investigation Report

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 11/21/2014
Action: Notice of Violation

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 12/08/2014
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 01/15/2015
Action: Site Visit / Inspection / Sampling

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 12/17/2002
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 06/24/2002
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 09/13/2000
Action: Staff Letter

Global Id: T0603701919
Action Type: ENFORCEMENT
Date: 09/24/2002
Action: Staff Letter

Global Id: T0603701919
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

GEORGE MITCHEL (Continued) **S101296838**

Global Id: T0603701919
Action Type: RESPONSE
Date: 04/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701919
Action Type: RESPONSE
Date: 07/31/2002
Action: Other Report / Document

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908130043
Status: Pollution Characterization
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603701919
W Global ID: Not reported
Staff: HDN
Local Agency: 19060
Cross Street: Not reported
Enforcement Type: SI
Date Leak Discovered: 11/1/1984
Date Leak First Reported: 11/1/1984
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: 11/1/1984
Date Case Last Changed on Database: 10/30/2000
Date the Case was Closed: Not reported
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 18073.6494923850435473552247 66
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 7/9/1998
Preliminary Site Assessment Began: 7/20/1999
Pollution Characterization Began: 11/5/2003
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: 11/1/1984
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Yes
GW Qualifier: Not reported
Soil Qualifier: Not reported

GEORGE MITCHEL (Continued) **S101296838**

Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BRUCE HARRISON
RP Address:	1842 E. 29TH ST.
Program:	LUST
Lat/Long:	33.7813218 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	INITIALLY ASSIGNED TO ANS. TWO GASOLINE TANKS REMOVED. MITCHELL REFUSES TO CONDUCT A SITE ASSESSMENT.; 2/26/99 SUBSURFACE SITE ASSESSMENT SOIL & GW SAMPLING

AH190 **GOODYEAR** **CA HIST CORTESE** **S105024546**
WSW **1350 12TH** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.337 mi.
1780 ft. **Site 2 of 2 in cluster AH**

Relative:
Lower

Actual:
8 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	2471

AI191 **FORMER ROCKET STATION #6** **CA LUST** **S104532736**
NE **465 PACIFIC COAST HWY W** **N/A**
1/4-1/2 **LONG BEACH, CA 90806**
0.348 mi.
1839 ft. **Site 1 of 2 in cluster AI**

Relative:
Lower

Actual:
13 ft.

LUST:

Region:	STATE
Global Id:	T0603701838
Latitude:	33.7901421098237
Longitude:	-118.197821974754
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	01/29/2007
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	AJL
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908061052
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701838
Contact Type:	Local Agency Caseworker

FORMER ROCKET STATION #6 (Continued) **S104532736**

Contact Name: CARMEN PIRO
Organization Name: LONG BEACH, CITY OF
Address: 2525 GRAND AVE.
City: LONG BEACH
Email: carmen.piro@longbeach.gov
Phone Number: 5625704137

Global Id: T0603701838
Contact Type: Regional Board Caseworker
Contact Name: AHMAD J. LAMMA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 West 4th Street Suite 200
City: Los Angeles
Email: alamaa@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0603701838
Status: Open - Site Assessment
Status Date: 01/29/2007

Global Id: T0603701838
Status: Open - Verification Monitoring
Status Date: 11/03/1986

Global Id: T0603701838
Status: Open - Case Begin Date
Status Date: 11/03/1986

Global Id: T0603701838
Status: Open - Remediation
Status Date: 05/19/2000

Global Id: T0603701838
Status: Open - Remediation
Status Date: 07/19/2000

Global Id: T0603701838
Status: Open - Site Assessment
Status Date: 07/02/1992

Global Id: T0603701838
Status: Open - Site Assessment
Status Date: 04/17/2000

Regulatory Activities:

Global Id: T0603701838
Action Type: ENFORCEMENT
Date: 09/22/2006
Action: Staff Letter

Global Id: T0603701838
Action Type: Other
Date: 11/03/1986
Action: Leak Discovery

FORMER ROCKET STATION #6 (Continued) **S104532736**

Global Id: T0603701838
Action Type: RESPONSE
Date: 06/01/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603701838
Action Type: ENFORCEMENT
Date: 03/28/2007
Action: Staff Letter

Global Id: T0603701838
Action Type: RESPONSE
Date: 11/15/2006
Action: Soil and Water Investigation Workplan

Global Id: T0603701838
Action Type: RESPONSE
Date: 08/08/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603701838
Action Type: Other
Date: 11/03/1986
Action: Leak Reported

Global Id: T0603701838
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 12/21/2005
Action: Well Installation Report

Global Id: T0603701838
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE

FORMER ROCKET STATION #6 (Continued) **S104532736**

Date: 09/13/2012
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603701838
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701838
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701838
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701838
Action Type: RESPONSE
Date: 08/27/2012
Action: Clean Up Fund - 5-Year Review Summary

FORMER ROCKET STATION #6 (Continued) **S104532736**

Global Id: T0603701838
Action Type: ENFORCEMENT
Date: 07/26/2000
Action: Staff Letter

Global Id: T0603701838
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701838
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701838
Action Type: RESPONSE
Date: 07/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701838
Action Type: ENFORCEMENT
Date: 06/24/2002
Action: Staff Letter

Global Id: T0603701838
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603701838
Action Type: RESPONSE
Date: 07/31/2002
Action: Other Report / Document

Global Id: T0603701838
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908061052
Status: Remedial action (cleanup) Underway
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: VEFP
Global ID: T0603701838
W Global ID: Not reported
Staff: HDN
Local Agency: 19060
Cross Street: MAGNOLIA AVE & HENDERSON

FORMER ROCKET STATION #6 (Continued) **S104532736**

Enforcement Type:	LET	
Date Leak Discovered:	11/3/1986	
Date Leak First Reported:		11/3/1986
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/17/2000
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	OLD # 021089-02	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		13549.52119263158031382621028 7
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		7/2/1992
Preliminary Site Assessment Began:		7/2/1992
Pollution Characterization Began:		4/17/2000
Remediation Plan Submitted:		5/19/2000
Remedial Action Underway:		7/19/2000
Post Remedial Action Monitoring Began:		11/3/1986
Enforcement Action Date:		7/26/2000
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		79
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	PAMELA HARPER	
RP Address:	4102 ORANGE AVE., SUITE #107-174	
Program:	LUST	
Lat/Long:	33.7899175 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	BENZENE IN WATER 25' BELOW GRADE RE 08/07/95: VACUUM TRUCK REMOVAL FREE PRODUCT, VE RECOVERY 18000 GALLONSRP IS REQUESTING "ACKNOWLEDGEMENT/COMMENTS FROM LARWQCB"; 7/19/00 WP FOR ASSESSMENT ACTIVITIES	

AI192 **ROCKET #6** **CA HIST CORTESE** **S102435967**
NE **465 PACIFIC COAST** **N/A**
1/4-1/2 **LONG BEACH, CA 90806**
0.348 mi.
1839 ft. **Site 2 of 2 in cluster AI**

Relative:
Lower

Actual:
13 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908061052

AJ193 **UNOCAL #5021** **CA LUST** **S103891191**
NW **1345 PACIFIC COAST HWY W** **N/A**
1/4-1/2 **LONG BEACH, CA 90744**
0.351 mi.
1854 ft. **Site 1 of 3 in cluster AJ**

Relative:
Lower

Actual:
13 ft.

LUST:

Region:	STATE
Global Id:	T0603701653
Latitude:	33.790935676683
Longitude:	-118.280734419823
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	07/18/2005
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DPP
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	907440061
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701653
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

Global Id:	T0603701653
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Status History:

Global Id:	T0603701653
Status:	Open - Site Assessment
Status Date:	07/18/2005

Global Id:	T0603701653
Status:	Open - Case Begin Date
Status Date:	06/26/1986

Global Id:	T0603701653
Status:	Open - Remediation
Status Date:	08/24/1993

Global Id:	T0603701653

UNOCAL #5021 (Continued) **S103891191**

Status: Open - Remediation
Status Date: 01/15/2002

Global Id: T0603701653
Status: Open - Site Assessment
Status Date: 10/27/1986

Global Id: T0603701653
Status: Open - Site Assessment
Status Date: 01/15/2002

Regulatory Activities:

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 01/17/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 04/05/2004
Action: Staff Letter

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2002
Action: Interim Remedial Action Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

UNOCAL #5021 (Continued) **S103891191**

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2004
Action: Interim Remedial Action Plan

Global Id: T0603701653
Action Type: RESPONSE

UNOCAL #5021 (Continued) **S103891191**

Date: 10/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 07/22/2004
Action: Staff Letter

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 03/24/2005
Action: Staff Letter

Global Id: T0603701653
Action Type: Other
Date: 06/26/1986
Action: Leak Discovery

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: REMEDIATION
Date: 02/13/1996
Action: Pump & Treat (P&T) Groundwater

Global Id: T0603701653
Action Type: REMEDIATION
Date: 02/04/1993
Action: Soil Vapor Extraction (SVE)

Global Id: T0603701653
Action Type: REMEDIATION
Date: 02/04/1993
Action: Excavation

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 12/20/2005
Action: Staff Letter

UNOCAL #5021 (Continued) **S103891191**

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2011
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2011
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 05/02/2007
Action: Staff Letter

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE

UNOCAL #5021 (Continued) **S103891191**

Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2012
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 03/11/1997
Action: Staff Letter

Global Id: T0603701653
Action Type: Other
Date: 06/26/1986
Action: Leak Reported

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

UNOCAL #5021 (Continued) **S103891191**

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2012
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 08/04/2004
Action: Staff Letter

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2013
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2008
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: RESPONSE

UNOCAL #5021 (Continued) **S103891191**

Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2014
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2013
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Other

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

UNOCAL #5021 (Continued) **S103891191**

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2009
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE
Date: 01/15/2010
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2004
Action: Soil and Water Investigation Workplan

Global Id: T0603701653
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701653
Action Type: RESPONSE

UNOCAL #5021 (Continued) **S103891191**

Date: 01/15/2015
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 11/14/2003
Action: Staff Letter

Global Id: T0603701653
Action Type: ENFORCEMENT
Date: 01/15/2002
Action: 13267 Requirement

Global Id: T0603701653
Action Type: RESPONSE
Date: 04/15/2009
Action: Conceptual Site Model

Global Id: T0603701653
Action Type: RESPONSE
Date: 07/15/2010
Action: Conceptual Site Model

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 907440061
Status: Pollution Characterization
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Remove Free Product
Global ID: T0603701653
W Global ID: Not reported
Staff: HDN
Local Agency: 19050
Cross Street: FIGUEROA
Enforcement Type: DLSEL
Date Leak Discovered: 6/26/1986
Date Leak First Reported: 6/26/1986
Date Leak Record Entered: 8/11/1987
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 10/14/2002
Date the Case was Closed: Not reported
How Leak Discovered: Inventory Control
How Leak Stopped: Not reported
Cause of Leak: Structure Failure
Leak Source: Tank
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 15130.688256759880438104946292
Source of Cleanup Funding: Tank

UNOCAL #5021 (Continued) **S103891191**

Preliminary Site Assessment Workplan Submitted:	10/27/1986
Preliminary Site Assessment Began:	10/27/1986
Pollution Characterization Began:	6/30/2004
Remediation Plan Submitted:	1/15/2002
Remedial Action Underway:	8/24/1993
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	1/1/1965
Hist Max MTBE Conc in Groundwater:	11000
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	RICHARD WILLIAMS
RP Address:	376 S. VALENCIA AVE.
Program:	LUST
Lat/Long:	33.7899827 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	FREE PRODUCT RECOVERY IN PROGRESS.; 7/12/00 2ND QTR GW MON RPT 2000; 10/11/00 3RD QTR GW MON RPT 2000; 12/31/00 4TH QTR GW MON RPT 2000; 4/13/01 1ST QTR MON RPT 2001

AG194 **BRANNEN PIPE & SUPPLY** **CA HIST CORTESE** **U001566290**
WNW **1650 HARBOR AVE** **CA LUST** **N/A**
1/4-1/2 **LONG BEACH, CA 90813** **CA HIST UST**
0.354 mi.
1867 ft. **Site 3 of 4 in cluster AG**

Relative:
Lower

Actual:
11 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130416

LUST:

Region:	STATE
Global Id:	T0603701955
Latitude:	33.787553
Longitude:	-118.21021
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/22/1997
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130416
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline

BRANNEN PIPE & SUPPLY (Continued) **U001566290**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701955
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701955
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701955
Status:	Completed - Case Closed
Status Date:	04/22/1997

Global Id:	T0603701955
Status:	Open - Case Begin Date
Status Date:	12/04/1990

Global Id:	T0603701955
Status:	Open - Site Assessment
Status Date:	01/04/1991

Regulatory Activities:

Global Id:	T0603701955
Action Type:	Other
Date:	12/04/1990
Action:	Leak Reported

HIST UST:

Region:	STATE
Facility ID:	00000047093
Facility Type:	Other
Other Type:	WHOLESALE PLUMBING
Contact Name:	FRANK BRANNON
Telephone:	2134370825
Owner Name:	BRANNEN PIPE & SUPPLY
Owner Address:	1650 HARBOR AVE
Owner City,St,Zip:	LONG BEACH, CA 90813
Total Tanks:	0002

Tank Num:	001

BRANNEN PIPE & SUPPLY (Continued) **U001566290**

Container Num:	1
Year Installed:	1977
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	1977
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

AG195 **BRANNEN PIPE & SUPPLY** **CA LUST** **S105035303**
WNW **1650 HARBOR BLVD** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.354 mi.
1867 ft. **Site 4 of 4 in cluster AG**

Relative:
Lower

Actual:
11 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	908130416	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701955	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19060	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		12/4/1990
Date Leak Record Entered:	1/31/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		4/14/1997
Date the Case was Closed:		4/22/1997
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	OLD CASE #013191-04	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		15858.659219225310499634679799
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		1/4/1991

BRANNEN PIPE & SUPPLY (Continued) **S105035303**

Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BLANK RP
RP Address:	345 N BEACON ST, SAN PEDRO, CA 90731
Program:	LUST
Lat/Long:	33.7876347 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	PLEASE REFER TO 1322 017TH ST. FOR ADD'L INFO.

AJ196 **TOSCO - 76 STATION #3568** **CA LUST** **S105693836**
NW **1410 PACIFIC COAST HWY W** **N/A**
1/4-1/2 **LONG BEACH, CA 90810**
0.368 mi.
1942 ft. **Site 2 of 3 in cluster AJ**

Relative:
Lower

Actual:
12 ft.

LUST:

Region:	STATE
Global Id:	T0603701670
Latitude:	33.7897387
Longitude:	-118.2106317
Case Type:	LUST Cleanup Site
Status:	Open - Eligible for Closure
Status Date:	06/16/2014
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	MB
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	907440252
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701670
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH

TOSCO - 76 STATION #3568 (Continued) **S105693836**

Email: carmen.piro@longbeach.gov
Phone Number: 5625704137

Global Id: T0603701670
Contact Type: Regional Board Caseworker
Contact Name: MAGDY BAIADY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: mbaiady@waterboards.ca.gov
Phone Number: 2135766699

Status History:

Global Id: T0603701670
Status: Open - Site Assessment
Status Date: 01/11/2006

Global Id: T0603701670
Status: Open - Site Assessment
Status Date: 12/11/2006

Global Id: T0603701670
Status: Open - Eligible for Closure
Status Date: 06/16/2014

Global Id: T0603701670
Status: Open - Case Begin Date
Status Date: 05/19/1993

Global Id: T0603701670
Status: Open - Remediation
Status Date: 06/20/2005

Global Id: T0603701670
Status: Open - Remediation
Status Date: 02/02/2011

Global Id: T0603701670
Status: Open - Site Assessment
Status Date: 05/20/1993

Global Id: T0603701670
Status: Open - Site Assessment
Status Date: 04/08/1997

Global Id: T0603701670
Status: Open - Site Assessment
Status Date: 06/29/2002

Regulatory Activities:

Global Id: T0603701670
Action Type: ENFORCEMENT
Date: 05/03/2010
Action: Access Agreement

Global Id: T0603701670

TOSCO - 76 STATION #3568 (Continued) **S105693836**

Action Type:	ENFORCEMENT
Date:	08/04/2014
Action:	Notification - Preclosure
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	10/07/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	04/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	01/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	11/25/2013
Action:	Request for Closure - Regulator Responded
Global Id:	T0603701670
Action Type:	Other
Date:	05/19/1993
Action:	Leak Discovery
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	10/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	01/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603701670
Action Type:	RESPONSE
Date:	10/12/2010

TOSCO - 76 STATION #3568 (Continued) **S105693836**

Action: Well Installation Report

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603701670
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603701670
Action Type: REMEDIATION
Date: 03/01/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0603701670
Action Type: REMEDIATION
Date: 05/01/1993
Action: Excavation

Global Id: T0603701670
Action Type: REMEDIATION
Date: 11/01/2008
Action: Soil Vapor Extraction (SVE)

Global Id: T0603701670
Action Type: Other
Date: 05/19/1993
Action: Leak Stopped

Global Id: T0603701670
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701670
Action Type: ENFORCEMENT
Date: 06/25/2008
Action: Staff Letter

Global Id: T0603701670
Action Type: Other
Date: 05/20/1993
Action: Leak Reported

TOSCO - 76 STATION #3568 (Continued) **S105693836**

Global Id: T0603701670
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701670
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701670
Action Type: RESPONSE

TOSCO - 76 STATION #3568 (Continued) **S105693836**

Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/13/2009
Action: Remedial Progress Report

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701670
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603701670
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 06/29/2002
Action: Soil and Water Investigation Workplan

Global Id: T0603701670
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/15/2007
Action: Soil and Water Investigation Workplan

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

TOSCO - 76 STATION #3568 (Continued) **S105693836**

Global Id: T0603701670
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 04/09/2007
Action: Interim Remedial Action Plan

Global Id: T0603701670
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701670
Action Type: ENFORCEMENT
Date: 05/15/2002
Action: Staff Letter

Global Id: T0603701670
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/29/2002
Action: Interim Remedial Action Plan

Global Id: T0603701670
Action Type: RESPONSE
Date: 10/15/2002
Action: Other Workplan

Global Id: T0603701670
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 907440252
Status: Pollution Characterization
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603701670
W Global ID: Not reported
Staff: MB
Local Agency: 19060
Cross Street: HARBOR

TOSCO - 76 STATION #3568 (Continued) **S105693836**

Enforcement Type:	SEL	
Date Leak Discovered:	5/19/1993	
Date Leak First Reported:		5/20/1993
Date Leak Record Entered:	3/18/1993	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	5/19/1993	
Date Case Last Changed on Database:		7/15/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Piping	
Operator:	NASSAR LABBAF	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		15130.028638620124818068554604
Source of Cleanup Funding:		Piping
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		5/20/1993
Pollution Characterization Began:		6/29/2002
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		1/1/1965
Hist Max MTBE Conc in Groundwater:		300000
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CHRISTOPHER M. SWARTZ	
RP Address:	P.O. BOX 25376	
Program:	LUST	
Lat/Long:	33.7897387 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	7/31/00 2ND QTR STATU RPT; 9/18/00 DUAL-PHASE EXTRACTION PILOT TEST RPT.; 10/31/00 3RD QTR SITE STATUS RPT; 4/12/01 RPT OF ADD'L OFF-SITE GW INVESTIGATION	

AJ197 **76 PRODUCTS STATION #3568** **CA HIST CORTESE** **S102590702**
NW **1410 PACIFIC COAST** **N/A**
1/4-1/2 **LONG BEACH, CA 90810**
0.368 mi.
1942 ft. **Site 3 of 3 in cluster AJ**

Relative:
Lower

Actual:
12 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	907440252

198 South 1/4-1/2 0.380 mi. 2004 ft. | **SANTA FE PACIFIC PIPELINE**
DE FOREST AVE
LONG BEACH, CA 90813 | **CA HIST CORTESE**
CA LUST | **S102436446**
N/A

Relative: Lower

Actual: 11 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	123091-41

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	123091-41
Status:	Preliminary site assessment underway
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603700221
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19060
Cross Street:	060TH ST.
Enforcement Type:	Not reported
Date Leak Discovered:	10/28/1991
Date Leak First Reported:	11/15/1991
Date Leak Record Entered:	12/20/1991
Date Confirmation Began:	Not reported
Date Leak Stopped:	10/28/1991
Date Case Last Changed on Database:	12/5/1991
Date the Case was Closed:	Not reported
How Leak Discovered:	OM
How Leak Stopped:	Not reported
Cause of Leak:	Other Cause
Leak Source:	Piping
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	13320.5551731761778325327997 79
Source of Cleanup Funding:	Piping
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	11/15/1991
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported

SANTA FE PACIFIC PIPELINE (Continued) **S102436446**

Owner Contact:	Not reported
Responsible Party:	SANTA FE PACIFIC PIPELINE INC.
RP Address:	888 S. FIGUEROA ST., LOS ANGELES, 90017
Program:	LUST
Lat/Long:	33.7813686 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

199
WSW
1/4-1/2
0.395 mi.
2083 ft.

RUSSELL TRUCK COMPANY
1430 011TH ST W
LONG BEACH, CA 90813

CA HIST CORTESE **S101296837**
CA LUST **N/A**

Relative:
Lower

Actual:
8 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130098

LUST:

Region:	STATE
Global Id:	T0603701924
Latitude:	33.7805018
Longitude:	-118.2109155
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/13/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130098
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701924
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701924
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO

RUSSELL TRUCK COMPANY (Continued) **S101296837**

Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701924
Status:	Open - Case Begin Date
Status Date:	04/18/1986
Global Id:	T0603701924
Status:	Open - Remediation
Status Date:	01/07/1988
Global Id:	T0603701924
Status:	Completed - Case Closed
Status Date:	09/13/1996

Regulatory Activities:

Global Id:	T0603701924
Action Type:	Other
Date:	04/18/1986
Action:	Leak Reported

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	908130098	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Remove Free Product
Global ID:	T0603701924	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19060	
Cross Street:	SANTA FE	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		4/18/1986
Date Leak Record Entered:	12/31/1986	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		3/22/1992
Date the Case was Closed:		9/13/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Tank	
Operator:	Not reported	
Water System:	Not reported	

RUSSELL TRUCK COMPANY (Continued) **S101296837**

Well Name:	Not reported
Approx. Dist To Production Well (ft):	18135.363357380248516636912581
Source of Cleanup Funding:	Tank
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	1/7/1988
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	RUSSELL ENTERPRISES
RP Address:	P.O. BOX 91135, CITY OF COMMERCE CA 90091
Program:	LUST
Lat/Long:	33.7805018 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	SOIL CONTAMINATION REMOVAL COMPLETE. GROUNDWATER NOT YET COMPLETED

---

200 SW 1/4-1/2 0.405 mi. 2136 ft. **TIDELANDS OIL** **CA SLIC** **S106483758**
1348 WEST NINTH ST **N/A**
LONG BEACH, CA 90801

Relative: Higher

Actual: 15 ft.

SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/11/2002
Global Id:	SL184621445
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.861923
Longitude:	-118.175454
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	0603D
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

AK201 **MTA DIV. 12** **CA LUST** **S105692204**
South **970 CHESTER PL W.** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.406 mi.
2143 ft. **Site 1 of 2 in cluster AK**

Relative:
Lower

Actual:
11 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	908130661	
Status:	Preliminary site assessment underway	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603757656	
W Global ID:	Not reported	
Staff:	HDN	
Local Agency:	19060	
Cross Street:	Not reported	
Enforcement Type:	SEL	
Date Leak Discovered:	8/26/2002	
Date Leak First Reported:		11/6/2002
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Close Tank	
Cause of Leak:	Not reported	
Leak Source:	P,	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		Not reported
Source of Cleanup Funding:		P,
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		5/28/2003
Pollution Characterization Began:		11/6/2002
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	ROBERT WILLEY	
RP Address:	3 HUTTON CENTRE DR., SUITE #20	
Program:	LUST	
Lat/Long:	0 / 0	
Local Agency Staff:	Not reported	

MTA DIV. 12 (Continued) **S105692204**

Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

AK202 **LA CO., METROPOLITAN TRANS AUT** **CA SLIC** **1006825733**
South **970 W CHESTER PL** **CA EMI** **N/A**
1/4-1/2 **LONG BEACH, CA 90813** **CA WDS**
0.406 mi.
2144 ft. **Site 2 of 2 in cluster AK**

Relative:
Lower

Actual:
11 ft.

SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	05/21/2014
Global Id:	T0603757656
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.776857
Longitude:	-118.203388
Case Type:	Cleanup Program Site
Case Worker:	COR
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	1256
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

EMI:

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	43755
Air District Name:	SC
SIC Code:	4131
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	43755
Air District Name:	SC
SIC Code:	4131

LA CO., METROPOLITAN TRANS AUT (Continued) **1006825733**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	43755
Air District Name:	SC
SIC Code:	4131
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	43755
Air District Name:	SC
SIC Code:	4131
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	43755
Air District Name:	SC
SIC Code:	4131
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0

LA CO., METROPOLITAN TRANS AUT (Continued) **1006825733**

NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

WDS:

Facility ID:	4 19I000497
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	2139224730
Facility Contact:	LAURY VICTOR
Agency Name:	LA CO METRO TRANS AUTH
Agency Address:	1 Gateway Plz
Agency City,St,Zip:	Los Angeles 900122952
Agency Contact:	URBAN BEN
Agency Telephone:	2139224714
Agency Type:	?
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

203 WNW 1/4-1/2 0.407 mi. 2149 ft. | **I-CHEM INTERNATIONAL (FORMER)**
1455 16TH ST. W.
LONG BEACH, CA 90813 | **CA LUST** | **S106448624**
N/A

Relative: Lower

Actual: 11 ft.

LUST:

Region:	STATE
Global Id:	T0603743664
Latitude:	33.787554
Longitude:	-118.211719
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	05/06/2004
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JFL
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130670
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603743664
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603743664
Contact Type:	Regional Board Caseworker
Contact Name:	JOE F. LUERA
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jluera@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603743664
Status:	Open - Case Begin Date
Status Date:	04/13/2004

Global Id:	T0603743664
Status:	Open - Site Assessment
Status Date:	05/06/2004

Regulatory Activities:

Global Id:	T0603743664
Action Type:	Other
Date:	04/13/2004
Action:	Leak Discovery

I-CHEM INTERNATIONAL (FORMER) (Continued) **S106448624**

Global Id: T0603743664
Action Type: RESPONSE
Date: 08/30/2004
Action: Other Report / Document

Global Id: T0603743664
Action Type: REMEDIATION
Date: 05/10/2004
Action: Other (Use Description Field)

Global Id: T0603743664
Action Type: ENFORCEMENT
Date: 07/12/2004
Action: Staff Letter

Global Id: T0603743664
Action Type: Other
Date: 05/06/2004
Action: Leak Reported

Global Id: T0603743664
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603743664
Action Type: ENFORCEMENT
Date: 03/03/2009
Action: Staff Letter

Global Id: T0603743664
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603743664
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603743664
Action Type: RESPONSE
Date: 10/15/2004
Action: Conceptual Site Model

Global Id: T0603743664
Action Type: RESPONSE
Date: 04/15/2009
Action: Soil and Water Investigation Workplan

Global Id: T0603743664
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

I-CHEM INTERNATIONAL (FORMER) (Continued) **S106448624**

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908130670
Status:	Preliminary site assessment underway
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603743664
W Global ID:	Not reported
Staff:	GK
Local Agency:	19060
Cross Street:	Not reported
Enforcement Type:	Not reported
Date Leak Discovered:	4/13/2004
Date Leak First Reported:	5/6/2004
Date Leak Record Entered:	Not reported
Date Confirmation Began:	5/6/2004
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	Not reported
Date the Case was Closed:	Not reported
How Leak Discovered:	OM
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	Not reported
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	5/6/2004
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	GUIDO HAUG
RP Address:	6621 E. PACIFIC COAST HWY.
Program:	LUST
Lat/Long:	0 / 0
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported

I-CHEM INTERNATIONAL (FORMER) (Continued) **S106448624**

Assigned Name: Not reported
Summary: Not reported

AL204 **FORMER COMMERCIAL TRUCK BODIES** **CA LUST** **S110071400**
West **1468 14TH ST W** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.420 mi.
2218 ft. **Site 1 of 2 in cluster AL**

Relative:
Lower

Actual:
9 ft.

LUST:

Region:	STATE
Global Id:	T0603701923
Latitude:	33.7836060490976
Longitude:	-118.211951851845
Case Type:	LUST Cleanup Site
Status:	Open - Remediation
Status Date:	02/22/2006
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DMB
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130089
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701923
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701923
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID M. BJOSTAD
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200
City:	Los Angeles
Email:	dbjostad@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603701923
Status:	Open - Verification Monitoring
Status Date:	10/29/1984

Global Id:	T0603701923
Status:	Open - Case Begin Date
Status Date:	10/29/1984

Global Id:	T0603701923

FORMER COMMERCIAL TRUCK BODIES (Continued) **S110071400**

Status: Open - Remediation
Status Date: 12/13/2001

Global Id: T0603701923
Status: Open - Remediation
Status Date: 02/22/2006

Global Id: T0603701923
Status: Open - Site Assessment
Status Date: 11/19/2001

Regulatory Activities:

Global Id: T0603701923
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 04/01/2013
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: REMEDIATION
Date: 12/13/1984
Action: Free Product Removal

FORMER COMMERCIAL TRUCK BODIES (Continued) **S110071400**

Global Id: T0603701923
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: REMEDIATION
Date: 01/11/2008
Action: Pump & Treat (P&T) Groundwater

Global Id: T0603701923
Action Type: REMEDIATION
Date: 10/01/1984
Action: Excavation

Global Id: T0603701923
Action Type: REMEDIATION
Date: 02/22/2006
Action: Soil Vapor Extraction (SVE)

Global Id: T0603701923
Action Type: REMEDIATION
Date: 06/30/2014
Action: Dual Phase Extraction

Global Id: T0603701923
Action Type: REMEDIATION
Date: 06/30/2014
Action: Dual Phase Extraction

Global Id: T0603701923
Action Type: REMEDIATION
Date: 12/05/2012
Action: Free Product Removal

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 07/29/2011
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603701923
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE

FORMER COMMERCIAL TRUCK BODIES (Continued) **S110071400**

Date: 09/15/2011
Action: Other Report / Document

Global Id: T0603701923
Action Type: Other
Date: 10/29/1984
Action: Leak Reported

Global Id: T0603701923
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 12/21/2012
Action: Soil and Water Investigation Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 02/28/2013
Action: Pilot Study/ Treatability Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 05/28/2013
Action: Staff Letter

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 07/10/2012
Action: Staff Letter

Global Id: T0603701923
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 09/15/2011
Action: Pilot Study / Treatability Workplan

FORMER COMMERCIAL TRUCK BODIES (Continued) **S110071400**

Global Id: T0603701923
Action Type: RESPONSE
Date: 11/30/2012
Action: Site Assessment Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 10/15/2013
Action: Well Installation Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2013
Action: Remedial Progress Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2013
Action: Electronic Reporting Submittal Due

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 03/03/2009
Action: Staff Letter

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 04/26/2000
Action: Site Visit / Inspection / Sampling

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 06/19/2001
Action: Site Visit / Inspection / Sampling

Global Id: T0603701923
Action Type: ENFORCEMENT

FORMER COMMERCIAL TRUCK BODIES (Continued) **S110071400**

Date: 04/19/2001
Action: Staff Letter

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2009
Action: Remedial Progress Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 05/31/2001
Action: Interim Remedial Action Plan

Global Id: T0603701923
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/31/2002
Action: Other Report / Document

Global Id: T0603701923
Action Type: RESPONSE
Date: 08/30/2013
Action: Well Installation Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 10/15/2014
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2015
Action: Remedial Progress Report

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 09/12/2000
Action: Staff Letter

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701923
Action Type: RESPONSE
Date: 09/15/2011
Action: Interim Remedial Action Plan

FORMER COMMERCIAL TRUCK BODIES (Continued) **S110071400**

Global Id: T0603701923
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603701923
Action Type: RESPONSE
Date: 09/15/2011
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0603701923
Action Type: RESPONSE
Date: 11/30/2012
Action: Remedial Progress Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2014
Action: Remedial Progress Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 10/15/2014
Action: Remedial Progress Report

Global Id: T0603701923
Action Type: ENFORCEMENT

FORMER COMMERCIAL TRUCK BODIES (Continued) **S110071400**

Date: 06/17/2002
Action: Staff Letter

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 12/13/2001
Action: Staff Letter

Global Id: T0603701923
Action Type: ENFORCEMENT
Date: 12/07/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0603701923
Action Type: RESPONSE
Date: 02/03/2003
Action: Soil and Water Investigation Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 02/03/2003
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0603701923
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701923
Action Type: RESPONSE
Date: 07/15/2014
Action: Monitoring Report - Semi-Annually

AL205 **COMMERCIAL TRUCK BODIES** **CA HIST CORTESE** **S101296839**
West **1468 014TH** **CA LUST** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.433 mi.
2284 ft. **Site 2 of 2 in cluster AL**

Relative:
Lower

Actual:
9 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 908130089

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908130089
Status: Remediation Plan

COMMERCIAL TRUCK BODIES (Continued) **S101296839**

Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Remove Free Product
Global ID:	T0603701923	
W Global ID:	Not reported	
Staff:	HSP	
Local Agency:	19060	
Cross Street:	CASPIAN	
Enforcement Type:	LET	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		10/29/1984
Date Leak Record Entered:	12/31/1986	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		6/24/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		17022.979467648796558785860525
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		11/19/2001
Remediation Plan Submitted:		12/13/2001
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		10/29/1984
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		5/25/2001
Hist Max MTBE Conc in Groundwater:		2020
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	MR. RICHARD T. SMITH	
RP Address:	350 YELLOW ROSE DR.	
Program:	LUST	
Lat/Long:	33.7835958 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	8/7/00 GW MON RPT; 1/18/01 SUBSURFACE SOIL AND GW ASSESSMENT RPT	

AM206 SW 1/4-1/2 0.440 mi. 2322 ft. | **TIDELAND OIL** | **CA SLIC** | **S103546764** | **N/A**
1348 009TH
LONG BEACH, CA 90813

Site 1 of 2 in cluster AM

Relative: Lower
Actual: 6 ft.

SLIC REG 4:

Region:	4
Facility Status:	No further action required
SLIC:	0603D
Substance:	TPH
Staff:	GJH

---

207 NW 1/4-1/2 0.453 mi. 2390 ft. | **CASTLE CAR WASH** | **CA HIST CORTESE** | **S101296766**
1500 PACIFIC COAST HWY W | **CA LUST** | **N/A**
LONG BEACH, CA 90813

Relative: Lower
Actual: 12 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908100143

LUST:

Region:	STATE
Global Id:	T0603701908
Latitude:	33.789397
Longitude:	-118.21239
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/17/1998
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DK
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908100143
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701908
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701908
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID KOO
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported

CASTLE CAR WASH (Continued) **S101296766**

City: R4 UNKNOWN
Email: dkoo@waterboards.ca.gov
Phone Number: Not reported

Status History:
Global Id: T0603701908
Status: Completed - Case Closed
Status Date: 04/17/1998

Global Id: T0603701908
Status: Open - Case Begin Date
Status Date: 12/27/1993

Global Id: T0603701908
Status: Open - Site Assessment
Status Date: 06/25/1997

Regulatory Activities:
Global Id: T0603701908
Action Type: ENFORCEMENT
Date: 04/17/1998
Action: Closure/No Further Action Letter

Global Id: T0603701908
Action Type: Other
Date: 12/27/1993
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908100143
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603701908
W Global ID: Not reported
Staff: DK
Local Agency: 19060
Cross Street: CASPIAN AVE
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 12/27/1993
Date Leak Record Entered: 2/22/1994
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 6/25/1998
Date the Case was Closed: 4/17/1998
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK

CASTLE CAR WASH (Continued) **S101296766**

Leak Source:	UNK
Operator:	OLD # 121294-48
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	14934.8039060330469763755088
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	6/25/1997
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	1/1/1965
Hist Max MTBE Conc in Groundwater:	130
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CASTLE CAR WASH
RP Address:	1500 W. PACIFIC COAST HIGHWAY, LONG BEACH, CA 90810
Program:	LUST
Lat/Long:	33.7896837 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	10/22/96 - GW MON. RPT. 06/20/97 - WP FOR GW MON. 02/13/98 - GW SAMPLING RPT-1ST QTR 1998 06/25/98 - GW MON WELLS ABANDONMENT RPT

AN208 WNW 1/4-1/2 0.468 mi. 2472 ft. **PRINT L.A. INC.** **CA LUST** **S111711271**
1520 016TH ST W **N/A**
LONG BEACH, CA 90813

Site 1 of 2 in cluster AN

Relative: Lower

Actual: 10 ft.

LUST:

Region:	STATE
Global Id:	T0603701959
Latitude:	33.7870927
Longitude:	-118.2124727
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/18/2013
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	GK
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130489
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Not reported

PRINT L.A. INC. (Continued) **S111711271**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701959
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701959
Contact Type:	Regional Board Caseworker
Contact Name:	GREGG KWEY
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH ST. SUITE 200- 1ST FLOOR
City:	R4 UNKNOWN, LOS ANGELES
Email:	gkwey@waterboards.ca.gov
Phone Number:	2135766702

Status History:

Global Id:	T0603701959
Status:	Completed - Case Closed
Status Date:	04/18/2013

Global Id:	T0603701959
Status:	Open - Case Begin Date
Status Date:	02/27/1990

Global Id:	T0603701959
Status:	Open - Remediation
Status Date:	02/27/1990

Regulatory Activities:

Global Id:	T0603701959
Action Type:	Other
Date:	02/27/1990
Action:	Leak Discovery

Global Id:	T0603701959
Action Type:	ENFORCEMENT
Date:	05/04/2011
Action:	Referral to Regional Board

Global Id:	T0603701959
Action Type:	Other
Date:	02/27/1990
Action:	Leak Stopped

Global Id:	T0603701959
Action Type:	Other
Date:	06/06/1990
Action:	Leak Reported

209 WNW 1/4-1/2 0.469 mi. 2478 ft. | **EAGLE INDUSTRIES (ILLEGALLY RMVD 3)**
1517 W ESTHER ST
LONG BEACH, CA | **CA LUST** **U003660690**
CA UST **N/A**

Relative: Lower

Actual: 11 ft.

LUST:

Region:	STATE
Global Id:	T0603792998
Latitude:	33.7891389951228
Longitude:	-118.21259021759
Case Type:	LUST Cleanup Site
Status:	Open - Eligible for Closure
Status Date:	04/09/2014
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DMB
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130634
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603792998
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603792998
Contact Type:	Regional Board Caseworker
Contact Name:	DAVID M. BJOSTAD
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4th Street, Suite 200
City:	Los Angeles
Email:	dbjostad@waterboards.ca.gov
Phone Number:	Not reported

Status History:

Global Id:	T0603792998
Status:	Open - Verification Monitoring
Status Date:	06/22/2000

Global Id:	T0603792998
Status:	Open - Eligible for Closure
Status Date:	04/09/2014

Global Id:	T0603792998
Status:	Open - Case Begin Date
Status Date:	04/01/2000

Global Id:	T0603792998

EAGLE INDUSTRIES (ILLEGALLY RMVD 3) (Continued) **U003660690**

Status: Open - Site Assessment
Status Date: 08/18/2000

Regulatory Activities:

Global Id: T0603792998
Action Type: RESPONSE
Date: 08/15/2009
Action: Soil and Water Investigation Report

Global Id: T0603792998
Action Type: ENFORCEMENT
Date: 04/11/2011
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603792998
Action Type: Other
Date: 04/01/2000
Action: Leak Discovery

Global Id: T0603792998
Action Type: RESPONSE
Date: 09/06/2002
Action: Soil and Water Investigation Workplan

Global Id: T0603792998
Action Type: RESPONSE
Date: 04/26/2000
Action: Site Assessment Report

Global Id: T0603792998
Action Type: RESPONSE
Date: 11/07/2011
Action: Other Report / Document

Global Id: T0603792998
Action Type: RESPONSE
Date: 09/01/2011
Action: Preliminary Site Assessment Report

Global Id: T0603792998
Action Type: ENFORCEMENT
Date: 06/17/2002
Action: Staff Letter

Global Id: T0603792998
Action Type: ENFORCEMENT
Date: 07/31/2002
Action: Staff Letter

Global Id: T0603792998
Action Type: ENFORCEMENT
Date: 06/14/2002
Action: Staff Letter

Global Id: T0603792998
Action Type: ENFORCEMENT
Date: 10/15/2013

EAGLE INDUSTRIES (ILLEGALLY RMVD 3) (Continued) **U003660690**

Action: Notification - Public Participation Document

Global Id: T0603792998
Action Type: Other
Date: 06/22/2000
Action: Leak Reported

Global Id: T0603792998
Action Type: RESPONSE
Date: 09/25/2012
Action: Soil and Water Investigation Report

Global Id: T0603792998
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603792998
Action Type: ENFORCEMENT
Date: 11/07/2002
Action: Staff Letter

Global Id: T0603792998
Action Type: ENFORCEMENT
Date: 05/04/2009
Action: Staff Letter

Global Id: T0603792998
Action Type: RESPONSE
Date: 07/30/2011
Action: Soil and Water Investigation Report

Global Id: T0603792998
Action Type: ENFORCEMENT
Date: 04/01/2014
Action: State Water Board Closure Order

Global Id: T0603792998
Action Type: RESPONSE
Date: 07/30/2011
Action: Other Report / Document

Global Id: T0603792998
Action Type: RESPONSE
Date: 09/05/2002
Action: Soil and Water Investigation Workplan

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908130634
Status: Preliminary site assessment workplan submitted
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported

EAGLE INDUSTRIES (ILLEGALLY RMVD 3) (Continued) **U003660690**

Case Type:	Groundwater	
Abatement Method Used at the Site:		OT
Global ID:	T0603792998	
W Global ID:	Not reported	
Staff:	NC	
Local Agency:	19060	
Cross Street:	CASPIAN	
Enforcement Type:	SEL	
Date Leak Discovered:	4/1/2000	
Date Leak First Reported:		6/22/2000
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/6/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		15148.227026517451692643760163
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		8/18/2000
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		6/22/2000
Enforcement Action Date:		8/18/2000
Historical Max MTBE Date:		4/13/2000
Hist Max MTBE Conc in Groundwater:		1
Hist Max MTBE Conc in Soil:		.005
Significant Interim Remedial Action Taken:		Unknown
GW Qualifier:	<	
Soil Qualifier:	<	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	NORMAN DILLINGER	
RP Address:	1517 W. ESTHER ST.	
Program:	LUST	
Lat/Long:	33.788863 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

LONG BEACH UST:

DATA AS OF 02/25/2014:

Region:	LONG BEACH
Tanks:	0T
Tank Test:	Not reported

EAGLE INDUSTRIES (ILLEGALLY RMVD 3) (Continued) **U003660690**

Leak Test: Not reported
Tank Status: Not reported

AM210 SW 1/4-1/2 0.475 mi. 2506 ft. | **SULLIVAN CHEM CO INC**
1470 W 9TH ST
LONG BEACH, CA 90813 | **CERC-NFRAP** | **1003878832**
CAD981170368

Site 2 of 2 in cluster AM

Relative: Lower

Actual: 7 ft.

CERC-NFRAP:
Site ID: 0902276
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13288004.00000
Person ID: 13003854.00000

Contact Sequence ID: 13293599.00000
Person ID: 13003858.00000

Contact Sequence ID: 13299457.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: DRITROL CO
Alias Address: Not reported
CA

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 01/01/86
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 05/01/86
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 11/01/85
Date Completed: 05/01/86
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

AO211 **TRANS WORLD OIL CORPORATION** **CA LUST** **S103891110**
WSW **1532 ANAHEIM ST W** **N/A**
1/4-1/2 **LONG BEACH, CA 90813**
0.480 mi.
2534 ft. **Site 1 of 2 in cluster AO**

Relative:
Lower

Actual:
8 ft.

LUST:

Region:	STATE
Global Id:	T0603701837
Latitude:	33.7825908
Longitude:	-118.2126446
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	12/31/1997
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JW
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908061043
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701837
Contact Type:	Regional Board Caseworker
Contact Name:	JIMMIE WOO
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jwoo@waterboards.ca.gov
Phone Number:	2135766600

Global Id:	T0603701837
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

Global Id:	T0603701837
Status:	Completed - Case Closed
Status Date:	12/31/1997

Global Id:	T0603701837
Status:	Open - Case Begin Date
Status Date:	09/15/1988

Global Id:	T0603701837
Status:	Open - Site Assessment
Status Date:	09/15/1988

TRANS WORLD OIL CORPORATION (Continued) **S103891110**

Regulatory Activities:

Global Id:	T0603701837
Action Type:	Other
Date:	09/15/1988
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	908061043
Status:	Case Closed
Substance:	Diesel
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Not reported
Global ID:	T0603701837
W Global ID:	Not reported
Staff:	JW
Local Agency:	19060
Cross Street:	Not reported
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	9/15/1988
Date Leak Record Entered:	9/10/1988
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	6/13/1997
Date the Case was Closed:	12/31/1997
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	Not reported
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	17231.3329307666400316465183 97
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	9/15/1988
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BLANK RP

TRANS WORLD OIL CORPORATION (Continued) **S103891110**

RP Address:	1560 W. ANAHEIM ST., LONG BEACH, CA 90806
Program:	LUST
Lat/Long:	33.7825908 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	4/30/97 - INFORMATION LETTER SENT & FOLLOW-UP. 06/5/97 - COUNTY ASSESSOR REVIEW (FIRST & SECOND FLOOR) 06/5/97 - INFORMATION LETTER SENT & FOLLOW-UP. SITE CLOSED BY CITY OF LONG BEACH ON MARCH 22

AP212
West
1/4-1/2
0.488 mi.
2576 ft.

SNYDER MFG CORPORATION **CA HIST CORTESE** **S105024524**
1541 COWLES **LA Co. Site Mitigation** **N/A**
LONG BEACH, CA 90813

Site 1 of 2 in cluster AP

Relative:
Lower

Actual:
9 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	CALSI
Reg Id:	19280503

LA Co. Site Mitigation:

Facility ID:	Not reported
Site ID:	Not reported
Jurisdiction:	Not reported
Case ID:	Not reported
Abated:	Not reported
Assigned To:	Not reported
Entered Date:	Not reported

213
SW
1/4-1/2
0.488 mi.
2578 ft.

ARCO MARINE TERMINAL 2 **CA NPDES** **S103878658**
1300 PIER B **CA SLIC** **N/A**
LONG BEACH, CA 90813 **CA CHMIRS**
CA ENF

Relative:
Lower

Actual:
10 ft.

NPDES:

Npdes Number:	CAG674001
Facility Status:	Active
Agency Id:	544113
Region:	4
Regulatory Measure Id:	370064
Order No:	R4-2009-0068
Regulatory Measure Type:	Enrollee
Place Id:	238553
WDID:	4B199400002
Program Type:	NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/22/2009
Expiration Date Of Regulatory Measure:	06/04/2014
Termination Date Of Regulatory Measure:	Not reported

ARCO MARINE TERMINAL 2 (Continued) **S103878658**

Discharge Name:	Tesoro Logistics Operations LLC
Discharge Address:	1300 Pier B Street
Discharge City:	Long Beach
Discharge State:	CA
Discharge Zip:	90813
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported

ARCO MARINE TERMINAL 2 (Continued) **S103878658**

CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CA0000442
Facility Status:	Active
Agency Id:	544113
Region:	4
Regulatory Measure Id:	372302
Order No:	R4-2009-0126
Regulatory Measure Type:	NPDES Permits
Place Id:	238553
WDID:	4B192010018
Program Type:	NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure:	12/10/2009
Effective Date Of Regulatory Measure:	01/10/2010
Expiration Date Of Regulatory Measure:	11/10/2014
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Tesoro Logistics Operations LLC
Discharge Address:	1300 Pier B Street
Discharge City:	Long Beach
Discharge State:	CA
Discharge Zip:	90813
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported

ARCO MARINE TERMINAL 2 (Continued) **S103878658**

CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	01/20/2015
Global Id:	SL374422455
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.7770427358461
Longitude:	-118.21106672287
Case Type:	Cleanup Program Site
Case Worker:	RO
Local Agency:	Not reported
RB Case Number:	0343A
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Soil, Soil Vapor
Potential Contaminants of Concern:	Benzene, Toluene, Xylene, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline, Other Petroleum
Site History:	Terminal2 has been in operation since the 1920s and has historically been used to store crude oil and refined petroleum products. The 18-acre Terminal 2 facility has 27 aboveground storage tanks (ASTs) that are contained within three tank farms, each of which is surrounded by a concrete firewall. ARCO Terminal Services Corporatio (ATSC) owns and operates Terminal 2,. The western portion of the Terminal 2 facility is leased from the POLB, who also owns the storage lot located north of the Terminal 2 facility.

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:

Region:	4
Facility Status:	Remediation
SLIC:	0343A

ARCO MARINE TERMINAL 2 (Continued) **S103878658**

Substance: TPH
Staff: PGN

CHMIRS:

OES Incident Number:	'10-7657
OES notification:	12/20/2010
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	815
Year:	2010
Agency:	BP
Incident Date:	12/20/2010
Admin Agency:	Long Beach Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Trans Mix Oil
Quantity Released:	3
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported

ARCO MARINE TERMINAL 2 (Continued) **S103878658**

Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states that a sump pump has failed and sump pit has backed up into a secondary containment.
OES Incident Number:	11-2294
OES notification:	04/11/2011
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Long Beach Harbor
Spill Site:	Waterways
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	840
Year:	2011

ARCO MARINE TERMINAL 2 (Continued) **S103878658**

Agency:	NRC
Incident Date:	4/11/2011
Admin Agency:	Long Beach Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Long Beach Harbor
E Date:	Not reported
Substance:	Oil
Quantity Released:	UNK
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	PER THE NRC REPORT # 972584, CALLER IS REPORTING AN UNKNOWN SHEEN FROM AN UNKNOWN SOURCE.

ENF:

Region:	4
Facility Id:	238553
Agency Name:	BP West Coast Product LLC
Place Type:	Industrial and Commercial Services
Place Subtype:	Tank Farm
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.777871
Place Longitude:	-118.210479
SIC Code 1:	5171
SIC Desc 1:	Petroleum Bulk Stations and Terminals
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	2.069
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW

ARCO MARINE TERMINAL 2 (Continued) **S103878658**

Facility Waste Type:	Stormwater runoff
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192010018
Reg Measure Id:	132682
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	R4-2004-0116
Npdes# CA#:	CA0000442
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	4320
Status:	Historical
Status Date:	01/31/2014
Effective Date:	08/05/2004
Expiration/Review Date:	01/01/2010
Termination Date:	01/09/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	228718
Region:	4
Order / Resolution Number:	Telephone call
Enforcement Action Type:	Oral Communication
Effective Date:	07/13/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	07/13/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Board staff phoned discharger 7/13/00 reminding them to submit DMRs on time.
Description:	Board staff phoned discharger 7/13/00 reminding them to submit DMRs on time.
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0.00
Initial Assessed Amount:	0.00
Liability $ Amount:	0.00
Project $ Amount:	0.00

ARCO MARINE TERMINAL 2 (Continued) **S103878658**

Liability $ Paid: 0.00
Project $ Completed: 0.00
Total $ Paid/Completed Amount: 0.00

AP214 **SNYDER MFG CORP** **CERC-NFRAP** **1002850289**
West **1541 W COWLES ST** **CA ENVIROSTOR** **CAD008277501**
1/4-1/2 **LONG BEACH, CA 90813**
0.489 mi.
2582 ft. **Site 2 of 2 in cluster AP**

Relative:
Lower

Actual:
9 ft.

CERC-NFRAP:
Site ID: 0901019
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13288413.00000
Person ID: 13003854.00000

Contact Sequence ID: 13294008.00000
Person ID: 13003858.00000

Contact Sequence ID: 13299866.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: 09/01/85
Date Completed: 06/01/86
Priority Level: Low priority for further assessment

Action: DISCOVERY
Date Started: / /
Date Completed: 11/01/85
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/18/89
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 01/18/89
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

ENVIROSTOR:
Facility ID: 19280503
Status: Refer: Other Agency
Status Date: 01/18/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO

SNYDER MFG CORP (Continued) **1002850289**

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 70
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.78491
Longitude: -118.2130
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * DETERGENT & SOAP * UNSPECIFIED ACID SOLUTION * UNSPECIFIED ALKALINE SOLUTIONS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: JONES MACHINE SHOP
Alias Type: Alternate Name
Alias Name: 19280503
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/18/1995
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/28/1988
Comments: SITE SCREENING DONE ADDITIONAL INFORMATION IS NEEDED TO DETERMINE CHEMICAL WASTE HANDLING, STORAGE AND DISPOSAL PRACTICES. SIGNIFICANT QUANTITIES OF HAZ SUBSTANCES MAY HAVE BEEN HANDLED AT THIS SITE

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/25/1980
Comments: FACILITY IDENTIFIED IW SURVEY QUESTIONNAIRE 12580 QUESTIONNAIRE RECEIVED

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AO215 **CAL BUMPER CO INC** **CA EMI** **S103633060**
West **1555 W ANAHEIM ST** **CA ENVIROSTOR** **N/A**
1/2-1 **LONG BEACH, CA 90813** **CA WDS**
0.510 mi.
2692 ft. **Site 2 of 2 in cluster AO**

Relative:
Lower

Actual:
8 ft.

EMI:

Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	8724
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.0144
Reactive Organic Gases Tons/Yr:	.00607968
Carbon Monoxide Emissions Tons/Yr:	.219
NOX - Oxides of Nitrogen Tons/Yr:	.261
SOX - Oxides of Sulphur Tons/Yr:	.00157
Particulate Matter Tons/Yr:	.02043
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.0199197

Year:	2006
County Code:	19
Air Basin:	SC
Facility ID:	8724
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.0189483657034580767
Reactive Organic Gases Tons/Yr:	.008
Carbon Monoxide Emissions Tons/Yr:	.123
NOX - Oxides of Nitrogen Tons/Yr:	.146
SOX - Oxides of Sulphur Tons/Yr:	.001
Particulate Matter Tons/Yr:	.011
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.011

Year:	2007
County Code:	19
Air Basin:	SC
Facility ID:	8724
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.0189483657034580767
Reactive Organic Gases Tons/Yr:	.008
Carbon Monoxide Emissions Tons/Yr:	.123
NOX - Oxides of Nitrogen Tons/Yr:	.146
SOX - Oxides of Sulphur Tons/Yr:	.001
Particulate Matter Tons/Yr:	.011
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.011

Year:	2008

CAL BUMPER CO INC (Continued) **S103633060**

County Code:	19
Air Basin:	SC
Facility ID:	8724
Air District Name:	SC
SIC Code:	3399
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.0184814069161534817
Reactive Organic Gases Tons/Yr:	.00780285
Carbon Monoxide Emissions Tons/Yr:	.11
NOX - Oxides of Nitrogen Tons/Yr:	.14
SOX - Oxides of Sulphur Tons/Yr:	.00085122
Particulate Matter Tons/Yr:	.01047347244
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.0100899597636

Year:	2009
County Code:	19
Air Basin:	SC
Facility ID:	8724
Air District Name:	SC
SIC Code:	3399
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.7337754618664099E-2
Reactive Organic Gases Tons/Yr:	7.3200000000000001E-3
Carbon Monoxide Emissions Tons/Yr:	0.11
NOX - Oxides of Nitrogen Tons/Yr:	0.13
SOX - Oxides of Sulphur Tons/Yr:	7.9900000000000001E-4
Particulate Matter Tons/Yr:	1.0168999999999999E-2
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.01003211

Year:	2010
County Code:	19
Air Basin:	SC
Facility ID:	8724
Air District Name:	SC
SIC Code:	3399
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.0147797252486972
Reactive Organic Gases Tons/Yr:	6.2399999999999999E-3
Carbon Monoxide Emissions Tons/Yr:	9.5439999999999997E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.11362
SOX - Oxides of Sulphur Tons/Yr:	6.8000000000000005E-4
Particulate Matter Tons/Yr:	8.6300000000000005E-3
Part. Matter 10 Micrometers & Smllr Tons/Yr:	8.6300000000000005E-3

ENVIROSTOR:

Facility ID:	71002353
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit

CAL BUMPER CO INC (Continued) **S103633060**

Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 70
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.78282
Longitude: -118.2134
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD030862742
Alias Type: EPA Identification Number
Alias Name: 110012440251
Alias Type: EPA (FRS #)
Alias Name: 71002353
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WDS:
Facility ID: 4 19I004922
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4

CAL BUMPER CO INC (Continued) **S103633060**

Facility Telephone:	5624361203
Facility Contact:	ROBERT COSTANZA
Agency Name:	CAL BUMPER CO INC
Agency Address:	1555 W Anaheim St
Agency City,St,Zip:	Long Beach 908132697
Agency Contact:	ROBERT COSTANZA
Agency Telephone:	5624361203
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

AN216
WNW
1/2-1
0.515 mi.
2721 ft.

DION & SONS INC
1569 016TH ST W
LONG BEACH, CA 90813

CA HIST CORTESE **S100868345**
CA LUST **N/A**
CA EMI
CA ENVIROSTOR

Site 2 of 2 in cluster AN

Relative:
Lower

Actual:
10 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130207

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130207A

LUST:

Region:	STATE
Global Id:	T0603701934
Latitude:	33.7873107
Longitude:	-118.2132577
Case Type:	LUST Cleanup Site

DION & SONS INC (Continued) **S100868345**

Status:	Open - Site Assessment
Status Date:	08/18/2000
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	DPP
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130207A
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701934
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701934
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

Status History:

Global Id:	T0603701934
Status:	Open - Case Begin Date
Status Date:	02/02/1992

Global Id:	T0603701934
Status:	Open - Remediation
Status Date:	02/02/1992

Global Id:	T0603701934
Status:	Open - Site Assessment
Status Date:	04/16/1999

Global Id:	T0603701934
Status:	Open - Site Assessment
Status Date:	08/18/2000

Regulatory Activities:

Global Id:	T0603701934
Action Type:	RESPONSE
Date:	06/30/2014
Action:	Soil and Water Investigation Workplan - Regulator Responded

Global Id:	T0603701934

DION & SONS INC (Continued) **S100868345**

Action Type: Other
Date: 02/02/1992
Action: Leak Reported

Global Id: T0603701934
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603701934
Action Type: ENFORCEMENT
Date: 08/18/2000
Action: Staff Letter

Global Id: T0603701934
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701934
Action Type: RESPONSE
Date: 06/30/2014
Action: Other Report / Document

Global Id: T0603701934
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603701934
Action Type: RESPONSE
Date: 01/15/2015
Action: Well Installation Report

Global Id: T0603701934
Action Type: RESPONSE
Date: 01/15/2015
Action: Well Installation Report

Global Id: T0603701934
Action Type: ENFORCEMENT
Date: 06/24/2002
Action: Staff Letter

Global Id: T0603701934
Action Type: ENFORCEMENT
Date: 10/17/2014
Action: Staff Letter

Global Id: T0603701934
Action Type: ENFORCEMENT
Date: 05/16/2014
Action: Health and Safety Code Section 25296.10(c)

LUST REG 4:
Region: 4

DION & SONS INC (Continued) **S100868345**

Regional Board:	04
County:	Los Angeles
Facility Id:	908130207
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Groundwater
Abatement Method Used at the Site:	Remove Free Product
Global ID:	T0603701933
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19060
Cross Street:	Not reported
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	2/2/1992
Date Leak Record Entered:	6/8/1992
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	8/7/1996
Date the Case was Closed:	7/17/1996
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	DION MICHELL O III
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	15576.019932398430525047147444
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	5/29/1992
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	DION & SONS, INCORPORATED
RP Address:	1569 16TH ST, LONG BEACH CA 90813
Program:	LUST
Lat/Long:	33.7873107 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

DION & SONS INC (Continued) **S100868345**

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	3606
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	3606
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	3606
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ENVIROSTOR:

Facility ID:	19290263
Status:	Refer: RWQCB
Status Date:	06/20/1995

DION & SONS INC (Continued) **S100868345**

Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Cypress
Assembly:	70
Senate:	33
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.78754
Longitude:	-118.2133
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HYDROCARBON SOLVENTS * OXYGENATED SOLVENTS * WASTE OIL & MIXED OIL
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	110002646352
Alias Type:	EPA (FRS #)
Alias Name:	19290263
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	04/25/1995
Comments:	LA RWQCB'S UST LEAK LIST INDICATES THE BOARD IS OVERSEEING THE CLEANUP OF THE SITE. STATUS IS ADDITIONAL CHARACTER- IZATION (SC). GROUNDWATER AT THE SITE IS CONTAMINATED. DEPT RECEIVED THE EPA REASSESSMENT REPORT WHICH RECOMMENDED NFA UNDER CERCLA FOR THE SITE. DUE TO RWQCB'S OVERSIGHT, THE DEPT'S INVOLVEMENT IS UNNECESSARY.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	01/12/1983
Comments:	FACILITY IDENTIFIED L.A. CHAM OF COMM BUS DIR 1971 MFG./DISTRIBUTOR/GAS/LUBRICANTS/SOLVENTS

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

217 ESE 1/2-1 0.548 mi. 2895 ft. | **ANAHEIM STREET SCHOOL**
ANAHEIM STREET/PACIFIC AVENUE
LONG BEACH, CA 90813 | **CA SCH** | **S105628511**
CA ENVIROSTOR | **N/A**

Relative: Higher

Actual: 38 ft.

SCH:

Facility ID:	19550025
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	6.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404326
Assembly:	70
Senate:	33
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	02/09/2011
Restricted Use:	NO
Funding:	School District
Latitude:	33.783
Longitude:	-118.192
APN:	NONE SPECIFIED
Past Use:	* RETAIL - AUTO DEALERS & SERVICE STATIONS
Potential COC:	Under Investigation
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	ANAHEIM STREET SCHOOL
Alias Type:	Alternate Name
Alias Name:	LONG BEACH UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	LONG BEACH USD-ANAHEIM STREET PARCELS
Alias Type:	Alternate Name
Alias Name:	404326
Alias Type:	Project Code (Site Code)
Alias Name:	19550025
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/09/2011
Comments:	DTSC prepared project close out Cost Recovery Unit Memorandum.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	04/02/2002
Comments:	ORDER
Future Area Name:	Not reported

ANAHEIM STREET SCHOOL (Continued) **S105628511**

Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19550025
Status: Inactive - Needs Evaluation
Status Date: 02/09/2011
Site Code: 404326
Site Type: School Investigation
Site Type Detailed: School
Acres: 6.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 70
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.783
Longitude: -118.192
APN: NONE SPECIFIED
Past Use: * RETAIL - AUTO DEALERS & SERVICE STATIONS
Potential COC: Under Investigation
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: ANAHEIM STREET SCHOOL
Alias Type: Alternate Name
Alias Name: LONG BEACH UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: LONG BEACH USD-ANAHEIM STREET PARCELS
Alias Type: Alternate Name
Alias Name: 404326
Alias Type: Project Code (Site Code)
Alias Name: 19550025
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/09/2011
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement

ANAHEIM STREET SCHOOL (Continued) **S105628511**

Completed Date:	04/02/2002
Comments:	ORDER
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

---

218 WNW 1/2-1 0.564 mi. 2980 ft. **CALBLASCO INC** **CA ENVIROSTOR** **S101480857**
1620 WEST 16TH STREET **N/A**
LONG BEACH, CA 90813

Relative: Lower

Actual: 10 ft.

ENVIROSTOR:

Facility ID:	19350398
Status:	Refer: RCRA
Status Date:	03/01/1984
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	70
Senate:	33
Special Program:	* RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.78722
Longitude:	-118.2141
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HOUSEHOLD WASTES * OIL/WATER SEPARATION SLUDGE * Sludge - Degreasing * TANK BOTTOM WASTES * UNSPECIFIED AQUEOUS SOLUTION * WASTE OIL & MIXED OIL Cyanide (free
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CROSBY & OVERTON PLANT 1
Alias Type:	Alternate Name
Alias Name:	CAD028409019
Alias Type:	EPA Identification Number
Alias Name:	CAD980636542
Alias Type:	EPA Identification Number
Alias Name:	19350398
Alias Type:	Envirostor ID Number

Completed Info:

CALBLASCO INC (Continued) **S101480857**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/01/1995
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/01/1984
Comments: T/C W/R.POTTS,CROSBY & OVERTON,213-432- 5445 - 1)YR OF OPER: 1952 TO PRESENT. 2)FAC TYPE: CLARIFIER,VACUUM TANK TRUCKS 550BBL, 2 SEPARATOR TANKS 21,000GAL,DRUM LANDSPREADING OF OIL WASTE AT HARBOR DURING 1970. 1952-75 FAC USED AS A TRANS -FER STATION. NO CLALIFIER,NO HAULER REC THE SITE IS FENCED, PAVED,& GUARDED. SOURCE ACT: APPLI FOR OPER PERMIT DHS - INDUST/MARINE HEAVY DUTY CLEANING & SPIL PETROLEUM REFINING WASTE. HZD WASTE TO BKK LDFL. INCIDENT: 7-15-81 SPILAGE ON AZUSA AVE FINAL STRATEGY RESPONSE. RESOURCE RECOV,TRANSFER STATIN SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/24/1983
Comments: FACILITY IDENTIFIED L.A. CHAM OF COMM BUS DIR 1969-70 OPER: SANDBLASTING & ENAMELING

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/26/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AQ219	**CROSBY & OVERTON**	**RCRA-TSDF**	**1000377893**
WNW	**1610 W 17TH STREET**	**CERC-NFRAP**	**CAD028409019**
1/2-1	**LONG BEACH, CA 90813**	**CORRACTS**	
0.575 mi.		**RCRA-LQG**	
3034 ft.	**Site 1 of 2 in cluster AQ**	**FTTS**	
		HIST FTTS	
Relative:		**CA HIST CORTESE**	
Lower		**CA LUST**	
		CA FID UST	
Actual:		**CA HIST UST**	
11 ft.		**NY MANIFEST**	
		WI MANIFEST	
		CA SWEEPS UST	
		CA HWP	
		US FIN ASSUR	
		2020 COR ACTION	

RCRA-TSDF:

Date form received by agency:	11/05/2012
Facility name:	CROSBY & OVERTON
Facility address:	1610 W 17TH STREET LONG BEACH, CA 90813
EPA ID:	CAD028409019
Mailing address:	W. 17TH STREET LONG BEACH, CA 90813
Contact:	MICHAEL A SHLOUB
Contact address:	W 17TH STREET LONG BEACH, CA 90813
Contact country:	US
Contact telephone:	(562) 432-5445
Contact email:	MSHLOUB@CROSBYOVERTON.COM
EPA Region:	09
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CROSBY & OVERTON
Owner/operator address:	W 17TH STREET LONG BEACH, CA 90813
Owner/operator country:	Not reported
Owner/operator telephone:	(562) 432-5445
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/29/1959

CROSBY & OVERTON (Continued) **1000377893**

Owner/Op end date: Not reported

Owner/operator name: CROSBY & OVERTON
Owner/operator address: W 17TH STREET
LONG BEACH, CA 90813
Owner/operator country: Not reported
Owner/operator telephone: (562) 432-5445
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/29/1959
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: 121
. Waste name: 121

. Waste code: 122
. Waste name: 122

. Waste code: 123
. Waste name: 123

. Waste code: 131
. Waste name: 131

. Waste code: 132
. Waste name: 132

. Waste code: 133
. Waste name: 133

. Waste code: 134
. Waste name: 134

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 151

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 151

. Waste code: 161
. Waste name: 161

. Waste code: 171
. Waste name: 171

. Waste code: 172
. Waste name: 172

. Waste code: 181
. Waste name: 181

. Waste code: 211
. Waste name: 211

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 214
. Waste name: 214

. Waste code: 221
. Waste name: 221

. Waste code: 222
. Waste name: 222

. Waste code: 223
. Waste name: 223

. Waste code: 231
. Waste name: 231

. Waste code: 232
. Waste name: 232

. Waste code: 241
. Waste name: 241

. Waste code: 251
. Waste name: 251

. Waste code: 261
. Waste name: 261

. Waste code: 271
. Waste name: 271

. Waste code: 272
. Waste name: 272

. Waste code: 281

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 281

. Waste code: 291
. Waste name: 291

. Waste code: 311
. Waste name: 311

. Waste code: 331
. Waste name: 331

. Waste code: 341
. Waste name: 341

. Waste code: 342
. Waste name: 342

. Waste code: 343
. Waste name: 343

. Waste code: 351
. Waste name: 351

. Waste code: 352
. Waste name: 352

. Waste code: 411
. Waste name: 411

. Waste code: 421
. Waste name: 421

. Waste code: 441
. Waste name: 441

. Waste code: 451
. Waste name: 451

. Waste code: 461
. Waste name: 461

. Waste code: 491
. Waste name: 491

. Waste code: 511
. Waste name: 511

. Waste code: 512
. Waste name: 512

. Waste code: 513
. Waste name: 513

. Waste code: 521
. Waste name: 521

. Waste code: 541

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 541

. Waste code: 551
. Waste name: 551

. Waste code: 561
. Waste name: 561

. Waste code: 571
. Waste name: 571

. Waste code: 591
. Waste name: 591

. Waste code: 611
. Waste name: 611

. Waste code: 612
. Waste name: 612

. Waste code: 724
. Waste name: 724

. Waste code: 725
. Waste name: 725

. Waste code: 741
. Waste name: 741

. Waste code: 751
. Waste name: 751

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D013
. Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

. Waste code: D014
. Waste name: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)

. Waste code: D015
. Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D017
. Waste name: 2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D020
. Waste name: CHLORDANE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D023
. Waste name: O-CRESOL

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D025

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: P-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D032
. Waste name: HEXACHLOROBENZENE

. Waste code: D033
. Waste name: HEXACHLOROBUTADIENE

. Waste code: D034
. Waste name: HEXACHLOROETHANE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D041
. Waste name: 2,4,5-TRICHLOROPHENOL

. Waste code: D042
. Waste name: 2,4,6-TRICHLOROPHENOL

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F001

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF

CROSBY & OVERTON (Continued) **1000377893**

ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F010
. Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F011
. Waste name: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

. Waste code: F012
. Waste name: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F019
. Waste name: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

. Waste code: F020
. Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- OR TETRACHLOROPHENOL OR OF INTERMEDIATES USED TO PRODUCE THEIR PESTICIDE DERIVATIVES. (THIS LISTING DOES NOT INCLUDE WASTES FROM THE PRODUCTION OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)

. Waste code: F021
. Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF PENTACHLOROPHENOL, OR OF INTERMEDIATES USED TO PRODUCE DERIVATIVES.

. Waste code: F022
. Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TETRA-, PENTA-, OR HEXACHLOROBENZENES UNDER ALKALINE CONDITIONS.

. Waste code: F023
. Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- AND TETRACHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE WASTES FROM

CROSBY & OVERTON (Continued) **1000377893**

EQUIPMENT USED ONLY FOR THE PRODUCTION OR USE OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL.)

. Waste code: F024
. Waste name: PROCESS WASTES INCLUDING, BUT NOT LIMITED TO, DISTILLATION RESIDUES, HEAVY ENDS, TARS, AND REACTOR CLEAN-OUT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO, AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION. (THIS LISTING DOES NOT INCLUDE WASTEWATERS, WASTEWATER TREATMENT SLUDGE, SPENT CATALYSTS, AND WASTES LISTED IN SECTIONS 261.31. OR 261.32)

. Waste code: F025
. Waste name: CONDENSED LIGHT ENDS, SPENT FILTERS AND FILTER AIDS, AND SPENT DESICCANT WASTES FROM THE PRODUCTION OF CERTAIN CHLORINATED ALIPHATIC HYDROCARBONS BY FREE RADICAL CATALYZED PROCESSES. THESE CHLORINATED ALIPHATIC HYDROCARBONS ARE THOSE HAVING CARBON CHAIN LENGTHS RANGING FROM ONE TO, AND INCLUDING FIVE, WITH VARYING AMOUNTS AND POSITIONS OF CHLORINE SUBSTITUTION.

. Waste code: F026
. Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TETRA-, PENTA-, OR HEXACHLOROBENZENE UNDER ALKALINE CONDITIONS.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

. Waste code: F028
. Waste name: RESIDUES RESULTING FROM THE INCINERATION OR THERMAL TREATMENT OF SOIL CONTAMINATED WITH EPA HAZARDOUS WASTE NOS. F020, F021, F022, F023, F026, AND F027.

. Waste code: F032
. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT CURRENTLY USE, OR HAVE PREVIOUSLY USED, CHLOROPHENOLIC FORMULATIONS [EXCEPT POTENTIALLY CROSS-CONTAMINATED WASTES THAT HAVE HAD THE F032 WASTE CODE DELETED IN ACCORDANCE WITH SECTION 261.35 (I.E., THE NEWLY PROMULGATED EQUIPMENT CLEANING OR REPLACEMENT STANDARDS), AND WHERE THE GENERATOR DOES NOT RESUME OR INITIATE USE OF CHLOROPHENOLIC FORMULATIONS]. (THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.)

. Waste code: F034
. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE CREOSOTE FORMULATIONS. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING

CROSBY & OVERTON (Continued) **1000377893**

PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

. Waste code: F035
. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

. Waste code: F037
. Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

. Waste code: F038
. Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

. Waste code: F039
. Waste name: LEACHATE RESULTING FROM THE TREATMENT, STORAGE, OR DISPOSAL OF WASTES CLASSIFIED BY MORE THAN ONE WASTE CODE UNDER SUBPART D, OR FROM A MIXTURE OF WASTES CLASSIFIED UNDER SUBPARTS C AND D OF THIS PART. (LEACHATE RESULTING FROM THE MANAGEMENT OF ONE OR MORE OF THE FOLLOWING EPA HAZARDOUS WASTES AND NO OTHER HAZARDOUS WASTES RETAINS ITS HAZARDOUS WASTE CODE(S): F020, F021, F022, F023, F026, F027, AND/OR F028.)

. Waste code: K001
. Waste name: BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

. Waste code: K002
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME YELLOW AND ORANGE PIGMENTS.

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: K003
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF MOLYBDATE ORANGE PIGMENTS.

. Waste code: K004
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF ZINC YELLOW PIGMENTS.

. Waste code: K005
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME GREEN PIGMENTS.

. Waste code: K006
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS (ANHYDROUS AND HYDRATED).

. Waste code: K007
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF IRON BLUE PIGMENTS.

. Waste code: K008
. Waste name: OVEN RESIDUE FROM THE PRODUCTION OF CHROME OXIDE GREEN PIGMENTS.

. Waste code: K009
. Waste name: DISTILLATION BOTTOMS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.

. Waste code: K010
. Waste name: DISTILLATION SIDE CUTS FROM THE PRODUCTION OF ACETALDEHYDE FROM ETHYLENE.

. Waste code: K011
. Waste name: BOTTOM STREAM FROM THE WASTEWATER STRIPPER IN THE PRODUCTION OF ACRYLONITRILE.

. Waste code: K013
. Waste name: BOTTOM STREAM FROM THE ACETONITRILE COLUMN IN THE PRODUCTION OF ACRYLONITRILE.

. Waste code: K014
. Waste name: BOTTOMS FROM THE ACETONITRILE PURIFICATION COLUMN IN THE PRODUCTION OF ACRYLONITRILE.

. Waste code: K015
. Waste name: STILL BOTTOMS FROM THE DISTILLATION OF BENZYL CHLORIDE.

. Waste code: K016
. Waste name: HEAVY ENDS OR DISTILLATION RESIDUES FROM THE PRODUCTION OF CARBON TETRACHLORIDE.

. Waste code: K017
. Waste name: HEAVY ENDS (STILL BOTTOMS) FROM THE PURIFICATION COLUMN IN THE PRODUCTION OF EPICHLOROHYDRIN.

. Waste code: K018
. Waste name: HEAVY ENDS FROM THE FRACTIONATION COLUMN IN ETHYL CHLORIDE PRODUCTION.

. Waste code: K019

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: HEAVY ENDS FROM THE DISTILLATION OF ETHYLENE DICHLORIDE IN ETHYLENE DICHLORIDE PRODUCTION.

. Waste code: K020
. Waste name: HEAVY ENDS FROM THE DISTILLATION OF VINYL CHLORIDE IN VINYL CHLORIDE MONOMER PRODUCTION.

. Waste code: K021
. Waste name: AQUEOUS SPENT ANTIMONY CATALYST WASTE FROM FLUOROMETHANE PRODUCTION.

. Waste code: K022
. Waste name: DISTILLATION BOTTOM TARS FROM THE PRODUCTION OF PHENOL/ACETONE FROM CUMENE.

. Waste code: K023
. Waste name: DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.

. Waste code: K024
. Waste name: DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM NAPHTHALENE.

. Waste code: K025
. Waste name: DISTILLATION BOTTOMS FROM THE PRODUCTION OF NITROBENZENE BY THE NITRATION OF BENZENE.

. Waste code: K026
. Waste name: STRIPPING STILL TAILS FROM THE PRODUCTION OF METHYL ETHYL PYRIDINES.

. Waste code: K027
. Waste name: CENTRIFUGE AND DISTILLATION RESIDUES FROM TOLUENE DIISOCYANATE PRODUCTION.

. Waste code: K028
. Waste name: SPENT CATALYST FROM THE HYDROCHLORINATOR REACTOR IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.

. Waste code: K029
. Waste name: WASTE FROM THE PRODUCT STEAM STRIPPER IN THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.

. Waste code: K030
. Waste name: COLUMN BOTTOMS OR HEAVY ENDS FROM THE COMBINED PRODUCTION OF TRICHLOROETHYLENE AND PERCHLOROETHYLENE.

. Waste code: K031
. Waste name: BY-PRODUCT SALTS GENERATED IN THE PRODUCTION OF MSMA AND CACODYLIC ACID.

. Waste code: K032
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF CHLORDANE.

. Waste code: K033
. Waste name: WASTEWATER AND SCRUB WATER FROM THE CHLORINATION OF CYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.

. Waste code: K034

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: FILTER SOLIDS FROM THE FILTRATION OF HEXACHLOROCYCLOPENTADIENE IN THE PRODUCTION OF CHLORDANE.

. Waste code: K035
. Waste name: WASTEWATER TREATMENT SLUDGES GENERATED IN THE PRODUCTION OF CREOSOTE.

. Waste code: K036
. Waste name: STILL BOTTOMS FROM TOLUENE RECLAMATION DISTILLATION IN THE PRODUCTION OF DISULFOTON.

. Waste code: K037
. Waste name: WASTEWATER TREATMENT SLUDGES FROM THE PRODUCTION OF DISULFOTON.

. Waste code: K038
. Waste name: WASTEWATER FROM THE WASHING AND STRIPPING OF PHORATE PRODUCTION.

. Waste code: K039
. Waste name: FILTER CAKE FROM THE FILTRATION OF DIETHYLPHOSPHORODITHIOIC ACID IN THE PRODUCTION OF PHORATE.

. Waste code: K040
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF PHORATE.

. Waste code: K041
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE PRODUCTION OF TOXAPHENE.

. Waste code: K042
. Waste name: HEAVY ENDS OR DISTILLATION RESIDUES FROM THE DISTILLATION OF TETRACHLOROBENZENE IN THE PRODUCTION OF 2,4,5-T.

. Waste code: K043
. Waste name: 2,6-DICHLOROPHENOL WASTE FROM THE PRODUCTION OF 2,4-D.

. Waste code: K046
. Waste name: WASTEWATER TREATMENT SLUDGES FROM THE MANUFACTURING, FORMULATION, AND LOADING OF LEAD-BASED INITIATING COMPOUNDS.

. Waste code: K048
. Waste name: DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K049
. Waste name: SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K050
. Waste name: HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K051
. Waste name: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K052
. Waste name: TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K060
. Waste name: AMMONIA STILL LIME SLUDGE FROM COKING OPERATIONS.

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: K061
. Waste name: EMISSION CONTROL DUST/SLUDGE FROM THE PRIMARY PRODUCTION OF STEEL IN ELECTRIC FURNACES.

. Waste code: K062
. Waste name: SPENT PICKLE LIQUOR FROM STEEL FINISHING OPERATIONS OF PLANTS THAT PRODUCE IRON OR STEEL.

. Waste code: K069
. Waste name: EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.

. Waste code: K071
. Waste name: BRINE PURIFICATION MUDS FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION, IN WHICH SEPARATELY PREPURIFIED BRINE IS NOT USED.

. Waste code: K073
. Waste name: CHLORINATED HYDROCARBON WASTE FROM THE PURIFICATION STEP OF THE DIAPHRAGM CELL PROCESS USING GRAPHITE ANODES IN CHLORINE PRODUCTION.

. Waste code: K083
. Waste name: DISTILLATION BOTTOMS FROM ANILINE PRODUCTION.

. Waste code: K084
. Waste name: WASTEWATER TREATMENT SLUDGES GENERATED DURING THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.

. Waste code: K085
. Waste name: DISTILLATION OR FRACTIONATION COLUMN BOTTOMS FROM THE PRODUCTION OF CHLOROBENZENES.

. Waste code: K086
. Waste name: SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.

. Waste code: K087
. Waste name: DECANTER TANK TAR SLUDGE FROM COKING OPERATIONS.

. Waste code: K088
. Waste name: SPENT POTLINERS FROM PRIMARY ALUMINUM REDUCTION.

. Waste code: K093
. Waste name: DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.

. Waste code: K094
. Waste name: DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE.

. Waste code: K095
. Waste name: DISTILLATION BOTTOMS FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.

. Waste code: K096
. Waste name: HEAVY ENDS FROM THE HEAVY ENDS COLUMN FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: K097
. Waste name: VACUUM STRIPPER DISCHARGE FROM THE CHLORDANE CHLORINATOR IN THE PRODUCTION OF CHLORDANE.

. Waste code: K098
. Waste name: UNTREATED PROCESS WASTEWATER FROM THE PRODUCTION OF TOXAPHENE.

. Waste code: K099
. Waste name: UNTREATED WASTEWATER FROM THE PRODUCTION OF 2,4-D.

. Waste code: K100
. Waste name: WASTE LEACHING SOLUTION FROM ACID LEACHING OF EMISSION CONTROL DUST/SLUDGE FROM SECONDARY LEAD SMELTING.

. Waste code: K101
. Waste name: DISTILLATION TAR RESIDUES FROM THE DISTILLATION OF ANILINE-BASED COMPOUNDS IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.

. Waste code: K102
. Waste name: RESIDUE FROM THE USE OF ACTIVATED CARBON FOR DECOLORIZATION IN THE PRODUCTION OF VETERINARY PHARMACEUTICALS FROM ARSENIC OR ORGANO-ARSENIC COMPOUNDS.

. Waste code: K103
. Waste name: PROCESS RESIDUES FROM ANILINE EXTRACTION FROM THE PRODUCTION OF ANILINE.

. Waste code: K104
. Waste name: COMBINED WASTEWATERS GENERATED FROM NITROBENZENE/ANILINE PRODUCTION.

. Waste code: K105
. Waste name: SEPARATED AQUEOUS STREAM FROM THE REACTOR PRODUCT WASHING STEP IN THE PRODUCTION OF CHLOROBENZENES.

. Waste code: K106
. Waste name: WASTEWATER TREATMENT SLUDGE FROM THE MERCURY CELL PROCESS IN CHLORINE PRODUCTION.

. Waste code: K107
. Waste name: COLUMN BOTTOMS FROM PRODUCT SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE (UDMH) FROM CARBOXYLIC ACID HYDRAZIDES.

. Waste code: K108
. Waste name: CONDENSED COLUMN OVERHEADS FROM PRODUCT SEPARATION AND CONDENSED REACTOR VENT GASES FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.

. Waste code: K109
. Waste name: SPENT FILTER CARTRIDGES FROM PRODUCT PURIFICATION FROM THE PRODUCT OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.

. Waste code: K110
. Waste name: CONDENSED COLUMN OVERHEADS FROM INTERMEDIATE SEPARATION FROM THE PRODUCTION OF 1,1-DIMETHYLHYDRAZINE FROM CARBOXYLIC ACID HYDRAZIDES.

. Waste code: K111

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: PRODUCT WASHWATERS FROM THE PRODUCTION OF DINITROTOLUENE VIA NITRATION OF TOLUENE.

. Waste code: K112
. Waste name: REACTION BY-PRODUCT WATER FROM THE DRYING COLUMN IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.

. Waste code: K113
. Waste name: CONDENSED LIQUID LIGHT ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.

. Waste code: K114
. Waste name: VICINALS FROM THE PURIFICATION OF TOLUENEDIAMINE IN PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.

. Waste code: K115
. Waste name: HEAVY ENDS FROM PURIFICATION OF TOLUENEDIAMINE IN THE PRODUCTION OF TOLUENEDIAMINE VIA HYDROGENATION OF DINITROTOLUENE.

. Waste code: K116
. Waste name: ORGANIC CONDENSATE FROM THE SOLVENT RECOVERY COLUMN IN THE PRODUCTION OF TOLUENE DIISOCYANATE VIA PHOSGENATION OF TOLUENEDIAMINE.

. Waste code: K117
. Waste name: WASTEWATER FROM THE REACTOR VENT GAS SCRUBBER IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.

. Waste code: K118
. Waste name: SPENT ADSORBENT SOLIDS FROM PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.

. Waste code: K123
. Waste name: PROCESS WASTEWATER (INCLUDING SUPERNATES, FILTRATES, AND WASHWATERS) FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.

. Waste code: K124
. Waste name: REACTOR VENT SCRUBBER WATER FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.

. Waste code: K125
. Waste name: FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS FROM THE PRODUCTION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.

. Waste code: K126
. Waste name: BAGHOUSE DUST AND FLOOR SWEEPINGS IN MILLING AND PACKAGING OPERATIONS FROM PRODUCTION OR FORMULATION OF ETHYLENEBISDITHIOCARBAMIC ACID AND ITS SALTS.

. Waste code: K131
. Waste name: WASTEWATER FROM THE REACTOR AND SPENT SULFURIC ACID FROM THE ACID DRYER FROM THE PRODUCTION OF METHYL BROMIDE.

. Waste code: K132
. Waste name: SPENT ABSORBENT AND WASTEWATER SEPARATOR SOLIDS FROM THE PRODUCTION OF METHYL BROMIDE.

. Waste code: K136

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: STILL BOTTOMS FROM THE PURIFICATION OF ETHYLENE DIBROMIDE IN THE PRODUCTION OF ETHYLENE DIBROMIDE VIA BROMINATION OF ETHENE.

. Waste code: K141
. Waste name: PROCESS RESIDUES FROM THE RECOVERY OF COAL TAR, INCLUDING, BUT NOT LIMITED TO, TAR COLLECTING SUMP RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL. THIS LISTING DOES NOT INCLUDE K087 (DECANTER TANK SLUDGE FROM COKING OPERATIONS).

. Waste code: K142
. Waste name: TANK STORAGE RESIDUES FROM THE PRODUCTION OF COKE FROM COAL OR FROM THE RECOVERY OF COKE BY-PRODUCTS FROM COAL.

. Waste code: K143
. Waste name: PROCESS RESIDUES FROM THE RECOVERY OF LIGHT OIL, INCLUDING, BUT NOT LIMITED TO, THOSE GENERATED IN STILLS, DECANTERS, AND WASH OIL RECOVERY UNITS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.

. Waste code: K144
. Waste name: WASTEWATER SUMP RESIDUES FROM LIGHT OIL REFINING, INCLUDING, BUT NOT LIMITED TO, INTERCEPTING OR CONTAMINATION SUMP SLUDGES FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.

. Waste code: K145
. Waste name: RESIDUES FROM NAPHTHALENE COLLECTION AND RECOVERY OPERATIONS FROM THE RECOVERY OF COKE BY-PRODUCTS PRODUCED FROM COAL.

. Waste code: K147
. Waste name: TAR STORAGE RESIDUES FROM COAL TAR REFINING.

. Waste code: K148
. Waste name: RESIDUES FROM COAL TAR DISTILLATION, INCLUDING, BUT NOT LIMITED TO, STILL BOTTOMS.

. Waste code: K149
. Waste name: DISTILLATION BOTTOMS FROM THE PRODUCTION OF ALPHA (OR METHYL-) CHLORINATED TOLUNES, RING-CHLORINATED TOLUNES, BENZOYL CHLORIDES, AND COMPOUNDS WITH MIXTURES OF THESE FUNCTIONAL GROUPS. [THIS WASTE DOES NOT INCLUDE STILL BOTTOMS FROM THE DISTILLATION OF BENZOYL CHLORIDE]

. Waste code: K150
. Waste name: ORGANIC RESIDULES EXCLUDING SPENT CARBON ADSORBENT, FROM THE SPENT CHLORINE GAS AND HYDROCHLORIC ACID RECOVERY PROCESSES ASSOCIATED WITH THE PRODUCTION OF ALPHA (OR METHYL-) CHLORINATED TOLUNES, BENZOYL CHLORIDES, AND COMPOUNDS WITH MIXTURES OF THESE FUNCTIONAL GROUPS.

. Waste code: K151
. Waste name: WASTEWATER TREATMENT SLUDGES, EXCLUDING NEUTRALIZATION AND BIOLOGICAL SLUDGES, GENERATED DURING THE TREATMENT OF WASTEWATERS FROM THE PRODUCTION OF ALPHA (OR METHYL-) CHLORINATED TOLUNES, BENZOYL CHLORIDES, AND COMPOUNDS WITH MIXTURES OF THESE FUNCTIONAL GROUPS.

. Waste code: K156
. Waste name: ORGANIC WASTE (INCLUDING HEAVY ENDS, STILL BOTTOMS, LIGHT ENDS, SPENT SOLVENTS, FILTRATES, AND DECANTATES) FROM THE PRODUCTION OF CARBAMATES

CROSBY & OVERTON (Continued) **1000377893**

AND CARBAMOYL OXIMES.

. Waste code: K157
. Waste name: WASTEWATERS (INCLUDING SCRUBBER WATERS, CONDENSER WATERS, WASHWATERS, AND SEPARATION WATERS) FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.

. Waste code: K158
. Waste name: BAG HOUSE DUSTS AND FILTER/SEPARATION SOLIDS FROM THE PRODUCTION OF CARBAMATES AND CARBAMOYL OXIMES.

. Waste code: K159
. Waste name: ORGANICS FROM THE TREATMENT OF THIOCARBAMATE WASTES.

. Waste code: K161
. Waste name: PURIFICATION SOLIDS (INCLUDING FILTRATION, EVAPORATION, AND CENTRIFUGATION SOLIDS), BAG HOUSE DUST AND FLOOR SWEEPINGS FROM THE PRODUCTION OF DITHIOCARBAMATE ACIDS AND THEIR SALTS. (THIS LISTING DOES NOT INCLUDE K125 OR K126).

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P002
. Waste name: 1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-

. Waste code: P003
. Waste name: 2-PROPENAL (OR) ACROLEIN

. Waste code: P004
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN

. Waste code: P005
. Waste name: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

. Waste code: P007
. Waste name: 3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL

. Waste code: P008
. Waste name: 4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE

. Waste code: P010
. Waste name: ARSENIC ACID H3ASO4

. Waste code: P011
. Waste name: ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P013
. Waste name: BARIUM CYANIDE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P014
. Waste name: BENZENETHIOL (OR) THIOPHENOL

. Waste code: P015
. Waste name: BERYLLIUM

. Waste code: P016
. Waste name: DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-

. Waste code: P017
. Waste name: 2-PROPANONE, 1-BROMO- (OR) BROMOACETONE

. Waste code: P018
. Waste name: BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-

. Waste code: P020
. Waste name: DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-

. Waste code: P021
. Waste name: CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2

. Waste code: P022
. Waste name: CARBON DISULFIDE

. Waste code: P023
. Waste name: ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE

. Waste code: P024
. Waste name: BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE

. Waste code: P026
. Waste name: 1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-

. Waste code: P027
. Waste name: 3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-

. Waste code: P028
. Waste name: BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P031
. Waste name: CYANOGEN (OR) ETHANEDINITRILE

. Waste code: P033
. Waste name: CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL

. Waste code: P034
. Waste name: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

. Waste code: P036
. Waste name: ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P037
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

. Waste code: P038
. Waste name: ARSINE, DIETHYL- (OR) DIETHYLARSINE

. Waste code: P039
. Waste name: DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER

. Waste code: P040
. Waste name: O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

. Waste code: P041
. Waste name: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER

. Waste code: P042
. Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

. Waste code: P043
. Waste name: DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER

. Waste code: P044
. Waste name: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

. Waste code: P045
. Waste name: 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX

. Waste code: P046
. Waste name: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

. Waste code: P047
. Waste name: 4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS

. Waste code: P048
. Waste name: 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-

. Waste code: P049
. Waste name: DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH

. Waste code: P050
. Waste name: 6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6, ,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN

. Waste code: P051
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA,

CROSBY & OVERTON (Continued) **1000377893**

2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES

. Waste code: P054
. Waste name: AZIRIDINE (OR) ETHYLENEIMINE

. Waste code: P056
. Waste name: FLUORINE

. Waste code: P057
. Waste name: ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE

. Waste code: P058
. Waste name: ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT

. Waste code: P059
. Waste name: 4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR

. Waste code: P060
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN

. Waste code: P062
. Waste name: HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER

. Waste code: P063
. Waste name: HYDROCYANIC ACID (OR) HYDROGEN CYANIDE

. Waste code: P064
. Waste name: METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE

. Waste code: P066
. Waste name: ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL

. Waste code: P067
. Waste name: 1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-

. Waste code: P068
. Waste name: HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE

. Waste code: P069
. Waste name: 2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-

. Waste code: P070
. Waste name: ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME

. Waste code: P071
. Waste name: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER

. Waste code: P072
. Waste name: ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P073
. Waste name: NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-

. Waste code: P074
. Waste name: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: P076
. Waste name: NITRIC OXIDE (OR) NITROGEN OXIDE NO

. Waste code: P077
. Waste name: BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE

. Waste code: P078
. Waste name: NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2

. Waste code: P082
. Waste name: METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE

. Waste code: P084
. Waste name: N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-

. Waste code: P085
. Waste name: DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE

. Waste code: P087
. Waste name: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

. Waste code: P088
. Waste name: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

. Waste code: P089
. Waste name: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

. Waste code: P092
. Waste name: MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE

. Waste code: P093
. Waste name: PHENYLTHIOUREA (OR) THIOUREA, PHENYL-

. Waste code: P094
. Waste name: PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER

. Waste code: P095
. Waste name: CARBONIC DICHLORIDE (OR) PHOSGENE

. Waste code: P096
. Waste name: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

. Waste code: P097
. Waste name: FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P099
. Waste name: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

. Waste code: P101
. Waste name: ETHYL CYANIDE (OR) PROPANENITRILE

. Waste code: P102
. Waste name: 2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL

. Waste code: P103
. Waste name: SELENOUREA

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P105
. Waste name: SODIUM AZIDE

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P107
. Waste name: STRONTIUM SULFIDE SRS

. Waste code: P108
. Waste name: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

. Waste code: P109
. Waste name: TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER

. Waste code: P110
. Waste name: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

. Waste code: P111
. Waste name: DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE

. Waste code: P113
. Waste name: THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

. Waste code: P114
. Waste name: SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE

. Waste code: P115
. Waste name: SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE

. Waste code: P116
. Waste name: HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE

. Waste code: P118
. Waste name: METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL

. Waste code: P119
. Waste name: AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P120
. Waste name: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: P122
. Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

. Waste code: P123
. Waste name: TOXAPHENE

. Waste code: P127
. Waste name: 7-BENZOFURANOL, 2,3-DIHYDRO-2,2-DIMETHYL-, METHYLCARBAMATE (OR) CARBOFURAN

. Waste code: P128
. Waste name: PHENOL, 4-(DIMETHYLAMINO)-3,5-DIMETHYL-, METHYLCARBAMATE (ESTER)

. Waste code: P185
. Waste name: 1,3-DITHIOLANE-2-CARBOXALDEHYDE, 2,4-DIMETHYL-, O-[(METHYLAMINO)-CARBONYL]OXIME (OR) TIRPATE

. Waste code: P188
. Waste name: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL--YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

. Waste code: P189
. Waste name: CARBAMIC ACID, [(DIBUTYLAMINO)-THIO]METHYL-, 2,3-DIHYDRO-2,2-DIMETHYL-7-BENZOFURANYL ESTER (OR) CARBOSULFAN

. Waste code: P190
. Waste name: CARBAMIC ACID, METHYL-, 3-METHYLPHENYL ESTER (OR) METOLCARB

. Waste code: P191
. Waste name: CARBAMIC ACID, DIMETHYL-, 1-[(DIMETHYL-AMINO)CARBONYL]- 5-METHYL-1H-PYRAZOL-3-YL ESTER (OR) DIMETILAN

. Waste code: P192
. Waste name: ISOLAN (OR) CARBAMIC ACID, DIMETHYL-, 3-METHY-L-(1-METHYLETHYL)-1H-PYRAZOL-5-YL ESTER

. Waste code: P194
. Waste name: ETHANIMIDOTHIOC ACID, 2-(DIMETHYLAMINO)-N-[[(METHYLAMINO) CARBONYL]OXY]-2-OXO-, METHYL ESTER (OR) OXAMYL

. Waste code: P196
. Waste name: MANGANESE DIMETHYLDITHIOCARBAMATE (OR) MANGANESE, BIS(DIMETHYLCARBAMODITHIOATO-S,S')-,

. Waste code: P197
. Waste name: FORMPARANATE (OR) METHANIMIDAMIDE, N,N-DIMETHYL-N'-[2-METHYL-4-[[(METHYLAMINO)CARBONYL]OXY]PHENYL]

. Waste code: P198

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: METHANIMIDAMIDE, N,N-DIMETHYL-N'-[3-[[(METHYLAMINO)-CARBONYL]OXY]PHENYL]-, MONOHYDROCHLORIDE (OR) FORMETANATE HYDROCHLORIDE

. Waste code: P199
. Waste name: METHIOCARB (OR) MEXACARBATE (OR) PHENOL, (3,5-DIMETHYL-4-(METHYLTHIO)-, METHYLCARBAMATE

. Waste code: P201
. Waste name: PHENOL, 3-METHYL-5-(1-METHYLETHYL)-, METHYL CARBAMATE (OR) PROMECARB

. Waste code: P202
. Waste name: M-CUMENYL METHYLCARBAMATE (OR) 3-ISOPROPYLPHENYL N-METHYLCARBAMATE (OR) PHENOL, 3-(1-METHYLETHYL)-, METHYL CARBAMATE

. Waste code: P203
. Waste name: ALDICARB SULFONE (OR) PROPANAL, 2-METHYL-2-(METHYL-SULFONYL)-, O-[(METHYLAMINO)CARBONYL] OXIME

. Waste code: P204
. Waste name: PHYSOSTIGMINE (OR) PYRROLO[2,3-B]INDOL-5-OL, 1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYL-METHYLCARBAMATE (ESTER), (3AS-CIS)-

. Waste code: P205
. Waste name: ZINC, BIS(DIMETHYLCARBAMODITHIOATO-S,S')-, (OR) ZIRAM

. Waste code: U001
. Waste name: ACETALDEHYDE (I) (OR) ETHANAL (I)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U003
. Waste name: ACETONITRILE (I,T)

. Waste code: U004
. Waste name: ACETOPHENONE (OR) ETHANONE, 1-PHENYL-

. Waste code: U005
. Waste name: 2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL

. Waste code: U006
. Waste name: ACETYL CHLORIDE (C,R,T)

. Waste code: U007
. Waste name: 2-PROPENAMIDE (OR) ACRYLAMIDE

. Waste code: U008
. Waste name: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

. Waste code: U009
. Waste name: 2-PROPENENITRILE (OR) ACRYLONITRILE

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET

CROSBY & OVERTON (Continued) **1000377893**

OXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

. Waste code: U011
. Waste name: 1H-1,2,4-TRIAZOL-3-AMINE (OR) AMITROLE

. Waste code: U012
. Waste name: ANILINE (I,T) (OR) BENZENAMINE (I,T)

. Waste code: U014
. Waste name: AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-

. Waste code: U015
. Waste name: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

. Waste code: U016
. Waste name: BENZ[C]ACRIDINE

. Waste code: U017
. Waste name: BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-

. Waste code: U018
. Waste name: BENZ[A]ANTHRACENE

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U020
. Waste name: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

. Waste code: U021
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

. Waste code: U022
. Waste name: BENZO[A]PYRENE

. Waste code: U024
. Waste name: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

. Waste code: U025
. Waste name: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

. Waste code: U026
. Waste name: CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-

. Waste code: U027
. Waste name: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

. Waste code: U028
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

. Waste code: U029
. Waste name: METHANE, BROMO- (OR) METHYL BROMIDE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U030
. Waste name: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U033
. Waste name: CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U036
. Waste name: 4,7-METHANO-1H-INDENE,
1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE,
ALPHA & GAMMA ISOMERS

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U038
. Waste name: BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-,
ETHYL ESTER (OR) CHLOROBENZILATE

. Waste code: U039
. Waste name: P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-

. Waste code: U041
. Waste name: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

. Waste code: U042
. Waste name: 2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-

. Waste code: U043
. Waste name: ETHENE, CHLORO- (OR) VINYL CHLORIDE

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U045
. Waste name: METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)

. Waste code: U046
. Waste name: CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-

. Waste code: U047
. Waste name: BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-

. Waste code: U048
. Waste name: O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U049
. Waste name: 4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE

. Waste code: U050
. Waste name: CHRYSENE

. Waste code: U051
. Waste name: CREOSOTE

. Waste code: U052
. Waste name: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

. Waste code: U053
. Waste name: 2-BUTENAL (OR) CROTONALDEHYDE

. Waste code: U055
. Waste name: BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U060
. Waste name: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD

. Waste code: U061
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

. Waste code: U062
. Waste name: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE

. Waste code: U063
. Waste name: DIBENZ[A,H]ANTHRACENE

. Waste code: U064
. Waste name: BENZO[RST]PENTAPHENE (OR) DIBENZO[A,I]PYRENE

. Waste code: U066
. Waste name: 1,2-DIBROMO-3-CHLOROPROPANE (OR) PROPANE, 1,2-DIBROMO-3-CHLORO-

. Waste code: U067
. Waste name: ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U068
. Waste name: METHANE, DIBROMO- (OR) METHYLENE BROMIDE

. Waste code: U069
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

. Waste code: U071
. Waste name: BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U073
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO- (OR) 3,3'-DICHLOROBENZIDINE

. Waste code: U074
. Waste name: 1,4-DICHLORO-2-BUTENE (I,T) (OR) 2-BUTENE, 1,4-DICHLORO- (I,T)

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U076
. Waste name: ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE

. Waste code: U077
. Waste name: ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE

. Waste code: U078
. Waste name: 1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-

. Waste code: U079
. Waste name: 1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U081
. Waste name: 2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-

. Waste code: U082
. Waste name: 2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-

. Waste code: U083
. Waste name: PROPANE, 1,2-DICHLORO- (OR) PROPYLENE DICHLORIDE

. Waste code: U084
. Waste name: 1,3-DICHLOROPROPENE (OR) 1-PROPENE, 1,3-DICHLORO-

. Waste code: U085
. Waste name: 1,2:3,4-DIEPOXYBUTANE (I,T) (OR) 2,2'-BIOXIRANE

. Waste code: U086
. Waste name: HYDRAZINE, 1,2-DIETHYL- (OR) N,N'-DIETHYLHYDRAZINE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U087
. Waste name: O,O-DIETHYL S-METHYL DITHIOPHOSPHATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-METHYL ESTER

. Waste code: U088
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U090
. Waste name: 1,3-BENZODIOXOLE, 5-PROPYL- (OR) DIHYDROSAFROLE

. Waste code: U091
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHOXY- (OR) 3,3'-DIMETHOXYBENZIDINE

. Waste code: U092
. Waste name: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

. Waste code: U093
. Waste name: BENZENAMINE, N,N-DIMETHYL-4-(PHENYLAZO)- (OR) P-DIMETHYLAMINOAZOBENZENE

. Waste code: U094
. Waste name: 7,12-DIMETHYLBENZ[A]ANTHRACENE (OR) BENZ[A]ANTHRACENE, 7,12-DIMETHYL-

. Waste code: U095
. Waste name: [1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DIMETHYL- (OR) 3,3'-DIMETHYLBENZIDINE

. Waste code: U097
. Waste name: CARBAMIC CHLORIDE, DIMETHYL- (OR) DIMETHYLCARBAMOYL CHLORIDE

. Waste code: U098
. Waste name: 1,1-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,1-DIMETHYL-

. Waste code: U099
. Waste name: 1,2-DIMETHYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-

. Waste code: U101
. Waste name: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

. Waste code: U102
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIMETHYL ESTER (OR) DIMETHYL PHTHALATE

. Waste code: U103
. Waste name: DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER

. Waste code: U105
. Waste name: 2,4-DINITROTOLUENE (OR) BENZENE, 1-METHYL-2,4-DINITRO-

. Waste code: U106
. Waste name: 2,6-DINITROTOLUENE (OR) BENZENE, 2-METHYL-1,3-DINITRO-

. Waste code: U107

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U109
. Waste name: 1,2-DIPHENYLHYDRAZINE (OR) HYDRAZINE, 1,2-DIPHENYL-

. Waste code: U110
. Waste name: 1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)

. Waste code: U111
. Waste name: 1-PROPANAMINE, N-NITROSO-N-PROPYL- (OR) DI-N-PROPYLNITROSAMINE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U113
. Waste name: 2-PROPENOIC ACID, ETHYL ESTER (I) (OR) ETHYL ACRYLATE (I)

. Waste code: U114
. Waste name: CARBAMODITHIOIC ACID, 1,2-ETHANEDIYLBIS-, SALTS & ESTERS (OR) ETHYLENEBISDITHIOCARBAMIC ACID, SALTS & ESTERS

. Waste code: U115
. Waste name: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

. Waste code: U116
. Waste name: 2-IMIDAZOLIDINETHIONE (OR) ETHYLENETHIOUREA

. Waste code: U117
. Waste name: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

. Waste code: U118
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE

. Waste code: U119
. Waste name: ETHYL METHANESULFONATE (OR) METHANESULFONIC ACID, ETHYL ESTER

. Waste code: U120
. Waste name: FLUORANTHENE

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U124
. Waste name: FURAN (I) (OR) FURFURAN (I)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U126
. Waste name: GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE

. Waste code: U127
. Waste name: BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE

. Waste code: U128
. Waste name: 1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO- (OR) HEXACHLOROBUTADIENE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U130
. Waste name: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE

. Waste code: U131
. Waste name: ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE

. Waste code: U132
. Waste name: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

. Waste code: U134
. Waste name: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

. Waste code: U135
. Waste name: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

. Waste code: U136
. Waste name: ARSINIC ACID, DIMETHYL- (OR) CACODYLIC ACID

. Waste code: U137
. Waste name: INDENO[1,2,3-CD]PYRENE

. Waste code: U138
. Waste name: METHANE, IODO- (OR) METHYL IODIDE

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U141
. Waste name: 1,3-BENZODIOXOLE, 5-(1-PROPENYL)- (OR) ISOSAFROLE

. Waste code: U142
. Waste name: 1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCTAHYDRO- (OR) KEPONE

. Waste code: U143
. Waste name: 2-BUTENOIC ACID, 2-METHYL-, 7-[[2,3-DIHYDROXY-2-(1-METHOXYETHYL)-3-METHYL-1-OXOBUTOXY]METHYL]-2,3, ,7A-TETRAHYDRO-1H-PYRROLIZIN-1-YL ESTER, [1S-[1ALPHA(Z), 7(2S*,3R*), 7AALPHA]]- (OR) LASIOCARPINE

. Waste code: U144
. Waste name: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U145
. Waste name: LEAD PHOSPHATE (OR) PHOSPHORIC ACID, LEAD(2+) SALT (2:3)

. Waste code: U146
. Waste name: LEAD SUBACETATE (OR) LEAD, BIS(ACETATO-O)TETRAHYDROXYTRI-

. Waste code: U147
. Waste name: 2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

. Waste code: U148
. Waste name: 3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO- (OR) MALEIC HYDRAZIDE

. Waste code: U149
. Waste name: MALONONITRILE (OR) PROPANEDINITRILE

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U151
. Waste name: MERCURY

. Waste code: U152
. Waste name: 2-PROPENENITRILE, 2-METHYL- (I,T) (OR) METHACRYLONITRILE (I,T)

. Waste code: U153
. Waste name: METHANETHIOL (I,T) (OR) THIOMETHANOL (I,T)

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U155
. Waste name: 1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)- (OR) METHAPYRILENE

. Waste code: U156
. Waste name: CARBONOCHLORIDIC ACID, METHYL ESTER, (I,T) (OR) METHYL CHLOROCARBONATE (I,T)

. Waste code: U157
. Waste name: 3-METHYLCHOLANTHRENE (OR) BENZ[J]ACEANTHRYLENE, 1,2-DIHYDRO-3-METHYL-

. Waste code: U158
. Waste name: 4,4'-METHYLENEBIS(2-CHLOROANILINE) (OR) BENZENAMINE, 4,4'-METHYLENEBIS[2-CHLORO-

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U162
. Waste name: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

. Waste code: U163

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG

. Waste code: U164
. Waste name: 4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- (OR) METHYLTHIOURACIL

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U166
. Waste name: 1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE

. Waste code: U167
. Waste name: 1-NAPTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE

. Waste code: U168
. Waste name: 2-NAPTHALENAMINE (OR) BETA-NAPHTHYLAMINE

. Waste code: U169
. Waste name: BENZENE, NITRO- (OR) NITROBENZENE (I,T)

. Waste code: U170
. Waste name: P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-

. Waste code: U171
. Waste name: 2-NITROPROPANE (I,T) (OR) PROPANE, 2-NITRO- (I,T)

. Waste code: U172
. Waste name: 1-BUTANAMINE, N-BUTYL-N-NITROSO- (OR) N-NITROSODI-N-BUTYLAMINE

. Waste code: U173
. Waste name: ETHANOL, 2,2'-(NITROSOIMINO)BIS- (OR) N-NITROSODIETHANOLAMINE

. Waste code: U174
. Waste name: ETHANAMINE, N-ETHYL-N-NITROSO- (OR) N-NITROSODIETHYLAMINE

. Waste code: U176
. Waste name: N-NITROSO-N-ETHYLUREA (OR) UREA, N-ETHYL-N-NITROSO-

. Waste code: U177
. Waste name: N-NITROSO-N-METHYLUREA (OR) UREA, N-METHYL-N-NITROSO-

. Waste code: U178
. Waste name: CARBAMIC ACID, METHYLNITROSO-, ETHYL ESTER (OR) N-NITROSO-N-METHYLURETHANE

. Waste code: U179
. Waste name: N-NITROSOPIPERIDINE (OR) PIPERIDINE, 1-NITROSO-

. Waste code: U180
. Waste name: N-NITROSOPYRROLIDINE (OR) PYRROLIDINE, 1-NITROSO-

. Waste code: U181
. Waste name: 5-NITRO-O-TOLUIDINE (OR) BENZENAMINE, 2-METHYL-5-NITRO

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U183
. Waste name: BENZENE, PENTACHLORO- (OR) PENTACHLOROBENZENE

. Waste code: U184
. Waste name: ETHANE, PENTACHLORO- (OR) PENTACHLOROETHANE

. Waste code: U185
. Waste name: BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)

. Waste code: U186
. Waste name: 1,3-PENTADIENE (I) (OR) 1-METHYLBUTADIENE (I)

. Waste code: U187
. Waste name: ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN

. Waste code: U188
. Waste name: PHENOL

. Waste code: U189
. Waste name: PHOSPHORUS SULFIDE (R) (OR) SULFUR PHOSPHIDE (R)

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

. Waste code: U191
. Waste name: 2-PICOLINE (OR) PYRIDINE, 2-METHYL-

. Waste code: U192
. Waste name: BENZAMIDE, 3,5-DICHLORO-N-(1,1-DIMETHYL-2-PROPYNYL)- (OR) PRONAMIDE

. Waste code: U193
. Waste name: 1,2-OXATHIOLANE, 2,2-DIOXIDE (OR) 1,3-PROPANE SULTONE

. Waste code: U194
. Waste name: 1-PROPANAMINE (I,T) (OR) N-PROPYLAMINE (I,T)

. Waste code: U196
. Waste name: PYRIDINE

. Waste code: U197
. Waste name: 2,5-CYCLOHEXADIENE-1,4-DIONE (OR) P-BENZOQUINONE

. Waste code: U200
. Waste name: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

. Waste code: U201
. Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

. Waste code: U202
. Waste name: 1,2-BENZISOTHIAZOL-3(2H)-ONE, 1,1-DIOXIDE, & SALTS (OR) SACCHARIN, & SALTS

. Waste code: U203
. Waste name: 1,3-BENZODIOXOLE, 5-(2-PROPENYL)- (OR) SAFROLE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U204
. Waste name: SELENIOUS ACID (OR) SELENIUM DIOXIDE

. Waste code: U205
. Waste name: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

. Waste code: U206
. Waste name: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

. Waste code: U207
. Waste name: 1,2,4,5-TETRACHLOROBENZENE (OR) BENZENE, 1,2,4,5-TETRACHLORO-

. Waste code: U208
. Waste name: 1,1,1,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,1,2-TETRACHLORO-

. Waste code: U209
. Waste name: 1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

. Waste code: U213
. Waste name: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

. Waste code: U214
. Waste name: ACETIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) ACETATE

. Waste code: U215
. Waste name: CARBONIC ACID, DITHALLIUM(1+) SALT (OR) THALLIUM(I) CARBONATE

. Waste code: U216
. Waste name: THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE

. Waste code: U217
. Waste name: NITRIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) NITRATE

. Waste code: U218
. Waste name: ETHANETHIOAMIDE (OR) THIOACETAMIDE

. Waste code: U219
. Waste name: THIOUREA

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U221
. Waste name: BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE

. Waste code: U222
. Waste name: BENZENAMINE, 2-METHYL-, HYDROCHLORIDE (OR) O-TOLUIDINE HYDROCHLORIDE

. Waste code: U223

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

. Waste code: U225
. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U235
. Waste name: 1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1) (OR) TRIS(2,3,-DIBROMOPROPYL) PHOSPHATE

. Waste code: U236
. Waste name: 2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO 4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE

. Waste code: U237
. Waste name: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

. Waste code: U238
. Waste name: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U240
. Waste name: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

. Waste code: U243
. Waste name: 1-PROPENE, 1,1,2,3,3,3-HEXACHLORO- (OR) HEXACHLOROPROPENE

. Waste code: U244
. Waste name: THIOPEROXYDICARBONIC DIAMIDE [(H2N)C(S)]2S2, TETRAMETHYL- (OR) THIRAM

. Waste code: U246
. Waste name: CYANOGEN BROMIDE (CN)BR

. Waste code: U247
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR

. Waste code: U248
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS

. Waste code: U249
. Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U271
. Waste name: BENOMYL (OR) CARBAMIC ACID, [1-[(BUTYLAMINO)CARBONYL]-1H-BENZIMIDAZOL-2-YL]-, METHYL ESTER

. Waste code: U278
. Waste name: BENDIOCARB (OR) 1,3-BENZODIOXOL-4-OL, 2,2-DIMETHYL-, METHYL CARBAMATE

. Waste code: U279
. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

. Waste code: U280
. Waste name: BARBAN (OR) CARBAMIC ACID, (3-CHLOROPHENYL)-, 4-CHLORO-2-BUTYNYL ESTER

. Waste code: U328
. Waste name: BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE

. Waste code: U353
. Waste name: BENZENAMINE, 4-METHYL- (OR) P-TOLUIDINE

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

. Waste code: U364
. Waste name: BENDIOCARB PHENOL (OR) 1,3-BENZODIOXOL-4-OL, 2,2-DIMETHYL-

. Waste code: U367
. Waste name: 7-BENZOFURANOL, 2,3-DIHYDRO-2,2-DIMETHYL- (OR) CARBOFURAN PHENOL

. Waste code: U372
. Waste name: CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (OR) CARBENDAZIM

. Waste code: U373
. Waste name: CARBAMIC ACID, PHENYL-, 1-METHYLETHYL ESTER (OR) PROPHAM

. Waste code: U387
. Waste name: CARBAMOTHIOIC ACID, DIPROPYL-, S-(PHENYLMETHYL) ESTER (OR) PROSULFOCARB

. Waste code: U389
. Waste name: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3,3-TRICHLORO-2-PROPENYL) ESTER (OR) TRIALLATE

. Waste code: U394
. Waste name: A2213 (OR) ETHANIMIDOTHIOIC ACID, 2-(DIMETHYLAMINO)-N-HYDROXY-2-OXO-, METHYL ESTER

. Waste code: U395
. Waste name: DIETHYLENE GLYCOL, DICARBAMATE (OR) ETHANOL, 2,2'-OXYBIS-, DICARBAMATE

. Waste code: U409
. Waste name: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

. Waste code: U410
. Waste name: ETHANIMIDOTHIOIC ACID, N,N'-[THIOBIS[(METHYLIMINO)CARBONYLOXY]]BIS-, DIMETHYL ESTER (OR) THIODICARB

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U411
. Waste name: PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

Historical Generators:
Date form received by agency: 09/28/2010
Site name: CROSBY & OVERTON
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: 121

. Waste code: 122
. Waste name: 122

. Waste code: 123
. Waste name: 123

. Waste code: 131
. Waste name: 131

. Waste code: 132
. Waste name: 132

. Waste code: 133
. Waste name: 133

. Waste code: 134
. Waste name: 134

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 151
. Waste name: 151

. Waste code: 161
. Waste name: 161

. Waste code: 171
. Waste name: 171

. Waste code: 172
. Waste name: 172

. Waste code: 181
. Waste name: 181

. Waste code: 211
. Waste name: 211

. Waste code: 212
. Waste name: 212

. Waste code: 213

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 213

. Waste code: 214
. Waste name: 214

. Waste code: 221
. Waste name: 221

. Waste code: 222
. Waste name: 222

. Waste code: 223
. Waste name: 223

. Waste code: 231
. Waste name: 231

. Waste code: 232
. Waste name: 232

. Waste code: 241
. Waste name: 241

. Waste code: 251
. Waste name: 251

. Waste code: 252
. Waste name: 252

. Waste code: 261
. Waste name: 261

. Waste code: 271
. Waste name: 271

. Waste code: 272
. Waste name: 272

. Waste code: 281
. Waste name: 281

. Waste code: 291
. Waste name: 291

. Waste code: 311
. Waste name: 311

. Waste code: 331
. Waste name: 331

. Waste code: 341
. Waste name: 341

. Waste code: 342
. Waste name: 342

. Waste code: 343

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 343

. Waste code: 351
. Waste name: 351

. Waste code: 352
. Waste name: 352

. Waste code: 411
. Waste name: 411

. Waste code: 421
. Waste name: 421

. Waste code: 431
. Waste name: 431

. Waste code: 441
. Waste name: 441

. Waste code: 451
. Waste name: 451

. Waste code: 461
. Waste name: 461

. Waste code: 491
. Waste name: 491

. Waste code: 511
. Waste name: 511

. Waste code: 512
. Waste name: 512

. Waste code: 513
. Waste name: 513

. Waste code: 521
. Waste name: 521

. Waste code: 541
. Waste name: 541

. Waste code: 551
. Waste name: 551

. Waste code: 561
. Waste name: 561

. Waste code: 571
. Waste name: 571

. Waste code: 591
. Waste name: 591

. Waste code: 611

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 611

. Waste code: 612
. Waste name: 612

. Waste code: 724
. Waste name: 724

. Waste code: 725
. Waste name: 725

. Waste code: 741
. Waste name: 741

. Waste code: 751
. Waste name: 751

. Waste code: 791
. Waste name: 791

. Waste code: 792
. Waste name: 792

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D013
. Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

. Waste code: D014
. Waste name: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)

. Waste code: D015
. Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D020
. Waste name: CHLORDANE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D023
. Waste name: O-CRESOL

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D025
. Waste name: P-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D032

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: HEXACHLOROBENZENE

. Waste code: D033
. Waste name: HEXACHLOROBUTADIENE

. Waste code: D034
. Waste name: HEXACHLOROETHANE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D041
. Waste name: 2,4,5-TRICHLOROPHENOL

. Waste code: D042
. Waste name: 2,4,6-TRICHLOROPHENOL

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

CROSBY & OVERTON (Continued) **1000377893**

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F012
. Waste name: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: F037
. Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

. Waste code: F038
. Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

. Waste code: K048
. Waste name: DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K049
. Waste name: SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K050
. Waste name: HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K051
. Waste name: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P002
. Waste name: 1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-

. Waste code: P004
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P010
. Waste name: ARSENIC ACID H3ASO4

. Waste code: P011
. Waste name: ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P014
. Waste name: BENZENETHIOL (OR) THIOPHENOL

. Waste code: P020
. Waste name: DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-

. Waste code: P021
. Waste name: CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2

. Waste code: P024
. Waste name: BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE

. Waste code: P028
. Waste name: BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P034
. Waste name: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

. Waste code: P037
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

. Waste code: P040
. Waste name: O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

. Waste code: P041
. Waste name: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER

. Waste code: P044
. Waste name: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

. Waste code: P045
. Waste name: 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX

. Waste code: P046
. Waste name: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P050
. Waste name: 6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6,,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN

. Waste code: P051
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES

. Waste code: P054
. Waste name: AZIRIDINE (OR) ETHYLENEIMINE

. Waste code: P059
. Waste name: 4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR

. Waste code: P060
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN

. Waste code: P070
. Waste name: ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME

. Waste code: P071
. Waste name: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER

. Waste code: P108
. Waste name: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

. Waste code: P110
. Waste name: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: P123
. Waste name: TOXAPHENE

. Waste code: U001
. Waste name: ACETALDEHYDE (I) (OR) ETHANAL (I)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

. Waste code: U071
. Waste name: BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U078
. Waste name: 1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-

. Waste code: U079
. Waste name: 1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U081
. Waste name: 2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-

. Waste code: U082
. Waste name: 2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-

. Waste code: U092
. Waste name: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

. Waste code: U101
. Waste name: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U131
. Waste name: ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U166
. Waste name: 1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U196
. Waste name: PYRIDINE

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U221
. Waste name: BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

. Waste code: U225
. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U247
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

Date form received by agency: 04/01/2007
Site name: CROSBY AND OVERTON PLANT # 1
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D013
. Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: D014
. Waste name: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D020
. Waste name: CHLORDANE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D023
. Waste name: O-CRESOL

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D025
. Waste name: P-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D037
. Waste name: PENTACHLOROPHENOL

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D041
. Waste name: 2,4,5-TRICHLOROPHENOL

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F011
. Waste name: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT

CROSBY & OVERTON (Continued) **1000377893**

TREATING OPERATIONS.

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: P122
. Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U079
. Waste name: 1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U151
. Waste name: MERCURY

. Waste code: U159
. Waste name: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U211
. Waste name: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

. Waste code: U218
. Waste name: ETHANETHIOAMIDE (OR) THIOACETAMIDE

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U225
. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U247
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR

Date form received by agency: 02/28/2006
Site name: CROSBY AND OVERTON
Classification: Large Quantity Generator

. Waste code: 121
. Waste name: 121

. Waste code: 122
. Waste name: 122

. Waste code: 123
. Waste name: 123

. Waste code: 131
. Waste name: 131

. Waste code: 132
. Waste name: 132

. Waste code: 133
. Waste name: 133

. Waste code: 134
. Waste name: 134

. Waste code: 135
. Waste name: 135

. Waste code: 141
. Waste name: 141

. Waste code: 151
. Waste name: 151

. Waste code: 171

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 171

. Waste code: 172
. Waste name: 172

. Waste code: 181
. Waste name: 181

. Waste code: 212
. Waste name: 212

. Waste code: 213
. Waste name: 213

. Waste code: 214
. Waste name: 214

. Waste code: 221
. Waste name: 221

. Waste code: 222
. Waste name: 222

. Waste code: 223
. Waste name: 223

. Waste code: 231
. Waste name: 231

. Waste code: 232
. Waste name: 232

. Waste code: 241
. Waste name: 241

. Waste code: 251
. Waste name: 251

. Waste code: 252
. Waste name: 252

. Waste code: 261
. Waste name: 261

. Waste code: 271
. Waste name: 271

. Waste code: 272
. Waste name: 272

. Waste code: 281
. Waste name: 281

. Waste code: 291
. Waste name: 291

. Waste code: 311

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 311

. Waste code: 331
. Waste name: 331

. Waste code: 341
. Waste name: 341

. Waste code: 342
. Waste name: 342

. Waste code: 343
. Waste name: 343

. Waste code: 351
. Waste name: 351

. Waste code: 352
. Waste name: 352

. Waste code: 411
. Waste name: 411

. Waste code: 421
. Waste name: 421

. Waste code: 431
. Waste name: 431

. Waste code: 441
. Waste name: 441

. Waste code: 451
. Waste name: 451

. Waste code: 461
. Waste name: 461

. Waste code: 481
. Waste name: 481

. Waste code: 491
. Waste name: 491

. Waste code: 511
. Waste name: 511

. Waste code: 512
. Waste name: 512

. Waste code: 513
. Waste name: 513

. Waste code: 521
. Waste name: 521

. Waste code: 541

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 541

. Waste code: 551
. Waste name: 551

. Waste code: 561
. Waste name: 561

. Waste code: 571
. Waste name: 571

. Waste code: 591
. Waste name: 591

. Waste code: 611
. Waste name: 611

. Waste code: 612
. Waste name: 612

. Waste code: 725
. Waste name: 725

. Waste code: 741
. Waste name: 741

. Waste code: 751
. Waste name: 751

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN
(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN
O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D013
. Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

. Waste code: D014
. Waste name: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)

. Waste code: D015
. Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D020
. Waste name: CHLORDANE

. Waste code: D021
. Waste name: CHLOROBENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D023
. Waste name: O-CRESOL

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D025
. Waste name: P-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: 2,4-DINITROTOLUENE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D032
. Waste name: HEXACHLOROBENZENE

. Waste code: D033
. Waste name: HEXACHLOROBUTADIENE

. Waste code: D034
. Waste name: HEXACHLOROETHANE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D041
. Waste name: 2,4,5-TRICHLOROPHENOL

. Waste code: D042
. Waste name: 2,4,6-TRICHLOROPHENOL

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

CROSBY & OVERTON (Continued) **1000377893**

SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F010
. Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F011

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

. Waste code: F012
. Waste name: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

. Waste code: F037
. Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

. Waste code: F038
. Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

. Waste code: K048
. Waste name: DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K049
. Waste name: SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K050
. Waste name: HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K051
. Waste name: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P002
. Waste name: 1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-

. Waste code: P004
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN

. Waste code: P010
. Waste name: ARSENIC ACID H3ASO4

. Waste code: P011
. Waste name: ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P014
. Waste name: BENZENETHIOL (OR) THIOPHENOL

. Waste code: P020
. Waste name: DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-

. Waste code: P021
. Waste name: CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2

. Waste code: P024
. Waste name: BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE

. Waste code: P028
. Waste name: BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P034
. Waste name: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

. Waste code: P037
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

. Waste code: P040
. Waste name: O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

. Waste code: P041
. Waste name: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL

CROSBY & OVERTON (Continued) **1000377893**

4-NITROPHENYL ESTER

. Waste code: P044
. Waste name: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

. Waste code: P045
. Waste name: 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX

. Waste code: P046
. Waste name: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

. Waste code: P050
. Waste name: 6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6, ,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN

. Waste code: P051
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES

. Waste code: P054
. Waste name: AZIRIDINE (OR) ETHYLENEIMINE

. Waste code: P059
. Waste name: 4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR

. Waste code: P060
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN

. Waste code: P070
. Waste name: ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME

. Waste code: P071
. Waste name: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER

. Waste code: P074
. Waste name: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

. Waste code: P088
. Waste name: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

. Waste code: P089
. Waste name: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P099
. Waste name: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P108
. Waste name: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

. Waste code: P110
. Waste name: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: P123
. Waste name: TOXAPHENE

. Waste code: U001
. Waste name: ACETALDEHYDE (I) (OR) ETHANAL (I)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032
. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE,
8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-
,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR)
DAUNOMYCIN

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

. Waste code: U071
. Waste name: BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U078
. Waste name: 1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-

. Waste code: U079
. Waste name: 1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U081
. Waste name: 2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-

. Waste code: U082
. Waste name: 2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-

. Waste code: U092
. Waste name: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

. Waste code: U101
. Waste name: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U131
. Waste name: ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR)

CROSBY & OVERTON (Continued) **1000377893**

PENTANOL, 4-METHYL-

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U166
. Waste name: 1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U196
. Waste name: PYRIDINE

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U221
. Waste name: BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

. Waste code: U225
. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U247
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

Date form received by agency: 04/23/2003
Site name: CROSBY & OVERTON
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D012
. Waste name: ENDRIN
(1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN
O, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)

. Waste code: D013
. Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

. Waste code: D014
. Waste name: METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)

. Waste code: D015
. Waste name: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D019
. Waste name: CARBON TETRACHLORIDE

. Waste code: D020
. Waste name: CHLORDANE

. Waste code: D021
. Waste name: CHLOROBENZENE

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D023
. Waste name: O-CRESOL

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D025
. Waste name: P-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: D027
. Waste name: 1,4-DICHLOROBENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D030
. Waste name: 2,4-DINITROTOLUENE

. Waste code: D031
. Waste name: HEPTACHLOR (AND ITS EPOXIDE)

. Waste code: D032
. Waste name: HEXACHLOROBENZENE

. Waste code: D033
. Waste name: HEXACHLOROBUTADIENE

. Waste code: D034
. Waste name: HEXACHLOROETHANE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D041
. Waste name: 2,4,5-TRICHLOROPHENOL

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: D042
. Waste name: 2,4,6-TRICHLOROPHENOL

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

. Waste code: F008
. Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F009
. Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F010
. Waste name: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F011
. Waste name: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

. Waste code: F012
. Waste name: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

. Waste code: F037
. Waste name: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

. Waste code: F038
. Waste name: PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR

CROSBY & OVERTON (Continued) **1000377893**

CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS. SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND F037, K048, AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

. Waste code: K048
. Waste name: DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K049
. Waste name: SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K050
. Waste name: HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: K051
. Waste name: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P002
. Waste name: 1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-

. Waste code: P004
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN

. Waste code: P010
. Waste name: ARSENIC ACID H3ASO4

. Waste code: P011
. Waste name: ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE

. Waste code: P012
. Waste name: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

. Waste code: P014
. Waste name: BENZENETHIOL (OR) THIOPHENOL

. Waste code: P020
. Waste name: DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-

. Waste code: P021
. Waste name: CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P024
. Waste name: BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE

. Waste code: P028
. Waste name: BENZENE, (CHLOROMETHYL)- (OR) BENZYL CHLORIDE

. Waste code: P029
. Waste name: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P034
. Waste name: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

. Waste code: P037
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

. Waste code: P040
. Waste name: O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

. Waste code: P041
. Waste name: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER

. Waste code: P044
. Waste name: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

. Waste code: P045
. Waste name: 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX

. Waste code: P046
. Waste name: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

. Waste code: P050
. Waste name: 6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6, ,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN

. Waste code: P051
. Waste name: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES

. Waste code: P054
. Waste name: AZIRIDINE (OR) ETHYLENEIMINE

. Waste code: P059
. Waste name: 4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: P060
. Waste name: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN

. Waste code: P070
. Waste name: ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME

. Waste code: P071
. Waste name: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER

. Waste code: P074
. Waste name: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

. Waste code: P088
. Waste name: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

. Waste code: P089
. Waste name: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

. Waste code: P098
. Waste name: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

. Waste code: P099
. Waste name: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

. Waste code: P104
. Waste name: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

. Waste code: P106
. Waste name: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

. Waste code: P108
. Waste name: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

. Waste code: P110
. Waste name: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

. Waste code: P121
. Waste name: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

. Waste code: P123
. Waste name: TOXAPHENE

. Waste code: U001
. Waste name: ACETALDEHYDE (I) (OR) ETHANAL (I)

. Waste code: U002
. Waste name: 2-PROPANONE (I) (OR) ACETONE (I)

. Waste code: U031
. Waste name: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

. Waste code: U032

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U056
. Waste name: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE,
8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-
,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR)
DAUNOMYCIN

. Waste code: U070
. Waste name: BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE

. Waste code: U071
. Waste name: BENZENE, 1,3-DICHLORO- (OR) M-DICHLOROBENZENE

. Waste code: U072
. Waste name: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

. Waste code: U078
. Waste name: 1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-

. Waste code: U079
. Waste name: 1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U081
. Waste name: 2,4-DICHLOROPHENOL (OR) PHENOL, 2,4-DICHLORO-

. Waste code: U082
. Waste name: 2,6-DICHLOROPHENOL (OR) PHENOL, 2,6-DICHLORO-

. Waste code: U092
. Waste name: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

. Waste code: U101
. Waste name: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

. Waste code: U108
. Waste name: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

. Waste code: U112
. Waste name: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U122

CROSBY & OVERTON (Continued) **1000377893**

. Waste name: FORMALDEHYDE

. Waste code: U123
. Waste name: FORMIC ACID (C,T)

. Waste code: U125
. Waste name: 2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U131
. Waste name: ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE

. Waste code: U140
. Waste name: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

. Waste code: U151
. Waste name: MERCURY

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U161
. Waste name: 4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-

. Waste code: U165
. Waste name: NAPHTHALENE

. Waste code: U166
. Waste name: 1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE

. Waste code: U182
. Waste name: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

. Waste code: U188
. Waste name: PHENOL

. Waste code: U196
. Waste name: PYRIDINE

. Waste code: U210
. Waste name: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U221
. Waste name: BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

. Waste code: U225
. Waste name: BROMOFORM (OR) METHANE, TRIBROMO-

CROSBY & OVERTON (Continued) **1000377893**

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

. Waste code: U227
. Waste name: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

. Waste code: U239
. Waste name: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

. Waste code: U247
. Waste name: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-METHOXY- (OR) METHOXYCHLOR

. Waste code: U359
. Waste name: ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER

Date form received by agency: 05/03/2002
Site name: CROSBY & OVERTON
Classification: Large Quantity Generator

Date form received by agency: 03/16/2001
Site name: CROSBY & OVERTON,INC.
Classification: Large Quantity Generator

Date form received by agency: 04/15/1999
Site name: CROSBY & OVERTON, INC.
Classification: Not a generator, verified

Date form received by agency: 09/01/1996
Site name: CROSBY & OVERTON PLT NO 1
Classification: Large Quantity Generator

Date form received by agency: 08/16/1996
Site name: CROSBY AND OVERTON INC
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: CROSBY & OVERTON PLANT #1
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Site name: CROSBY & OVERTON - PLANT #1
Classification: Large Quantity Generator

Date form received by agency: 10/26/1990
Site name: CROSBY & OVERTON, INC.
Classification: Large Quantity Generator

Date form received by agency: 07/18/1980
Site name: CROSBY & OVERTON PLT NO 1
Classification: Large Quantity Generator

Biennial Reports:

CROSBY & OVERTON (Continued) **1000377893**

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 1794211.6

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 22238205

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 25886.4

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 1948080.2

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 1749091.1

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 2375426.1

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 2057407.9

Waste code: D008
Waste name: LEAD
Amount (Lbs): 2117114.8

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 1309190.3

Waste code: D010
Waste name: SELENIUM

CROSBY & OVERTON (Continued) **1000377893**

Amount (Lbs): 1568394.9

Waste code: D011
Waste name: SILVER
Amount (Lbs): 2217745.6

Waste code: D013
Waste name: LINDANE
Amount (Lbs): 69879.4

Waste code: D014
Waste name: METHOXYCHLOR
Amount (Lbs): 69879.4

Waste code: D016
Waste name: 2,4-D
Amount (Lbs): 436511.9

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 1352237.5

Waste code: D019
Waste name: CARBON TETRACHLORIDE
Amount (Lbs): 509941

Waste code: D020
Waste name: CHLORDANE
Amount (Lbs): 1285475.7

Waste code: D021
Waste name: CHLOROBENZENE
Amount (Lbs): 637461.9

Waste code: D022
Waste name: CHLOROFORM
Amount (Lbs): 561897.5

Waste code: D027
Waste name: 1,4-DICHLOROBENZENE
Amount (Lbs): 7888

Waste code: D028
Waste name: 1,2-DICHLOROETHANE
Amount (Lbs): 467156.9

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 905448.8

Waste code: D037
Waste name: PENTRACHLOROPHENOL
Amount (Lbs): 10341.3

Waste code: D038
Waste name: PYRIDINE
Amount (Lbs): 429353

CROSBY & OVERTON (Continued) **1000377893**

Waste code: D039
Waste name: TETRACHLOROETHYLENE
Amount (Lbs): 645762.5

Waste code: D040
Waste name: TRICHLOROETHYLENE
Amount (Lbs): 660418.6

Waste code: D041
Waste name: 2,4,5-TRICHLOROPHENOL
Amount (Lbs): 795

Waste code: D043
Waste name: VINYL CHLORIDE
Amount (Lbs): 433943

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 463383

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 1276545.4

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 1411917.2

Waste code: F004
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN

CROSBY & OVERTON (Continued) **1000377893**

F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 6609

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 1565521.9

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 34509

Waste code: F008
Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
Amount (Lbs): 11571

Waste code: P030
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Amount (Lbs): 42

Waste code: U002
Waste name: ACETONE (I)
Amount (Lbs): 537280.9

Waste code: U010
Waste name: AZIRINO[2’,3’:3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA,8AALPHA,8BALPHA)]-
Amount (Lbs): 1283

Waste code: U031
Waste name: 1-BUTANOL (I)
Amount (Lbs): 438074

Waste code: U112
Waste name: ACETIC ACID ETHYL ESTER (I)
Amount (Lbs): 429353

Waste code: U122
Waste name: FORMALDEHYDE
Amount (Lbs): 429353

Waste code: U123

CROSBY & OVERTON (Continued) **1000377893**

Waste name: FORMIC ACID (C,T)
Amount (Lbs): 7314.6

Waste code: U154
Waste name: METHANOL (I)
Amount (Lbs): 429353

Waste code: U159
Waste name: 2-BUTANONE (I,T)
Amount (Lbs): 429353

Waste code: U188
Waste name: PHENOL
Amount (Lbs): 17143.8

Waste code: U220
Waste name: BENZENE, METHYL-
Amount (Lbs): 438074

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)
Amount (Lbs): 438074

Corrective Action Summary:

Event date: 06/01/1984
Event: CA029WQ

Event date: 06/01/1984
Event: CA049PA

Event date: 06/01/1984
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 07/28/1988
Event: RFA Completed, Assessment was an RFA.

Event date: 08/01/1988
Event: CA049SI

Event date: 01/15/1993
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 02/24/1993
Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: 08/20/2014
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a

CROSBY & OVERTON (Continued) **1000377893**

review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 08/20/2014
Event: CA550RC

Event date: 08/20/2014
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/28/2012
Date achieved compliance: 03/06/2013
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/01/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 08/02/2011
Date achieved compliance: 10/17/2011
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/2011
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 08/02/2011
Date achieved compliance: 10/17/2011
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/2011

CROSBY & OVERTON (Continued) **1000377893**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 04/23/2009
Date achieved compliance: 10/26/2009
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 09/27/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 40000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 04/23/2009
Date achieved compliance: 07/17/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 04/23/2009
Date achieved compliance: 07/20/2009
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 09/27/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 40000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Air Emission Standards - Tanks/SI/Containers
Date violation determined: 04/23/2009
Date achieved compliance: 07/20/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/2009
Enf. disposition status: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 04/23/2009
Date achieved compliance: 10/26/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 04/23/2009
Date achieved compliance: 07/17/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 04/23/2009
Date achieved compliance: 10/26/2009
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 09/27/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 40000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Air Emission Standards - Tanks/SI/Containers
Date violation determined: 04/23/2009
Date achieved compliance: 07/20/2009
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 09/27/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 40000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 04/23/2009
Date achieved compliance: 07/20/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 04/23/2009
Date achieved compliance: 10/26/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 04/23/2009
Date achieved compliance: 07/20/2009
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 04/23/2009
Date achieved compliance: 07/20/2009
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 09/27/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

CROSBY & OVERTON (Continued) **1000377893**

Proposed penalty amount: Not reported
Final penalty amount: 40000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 10/23/2008
Date achieved compliance: 10/23/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/23/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Transporters - General
Date violation determined: 10/23/2008
Date achieved compliance: 10/23/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/23/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 02/25/2008
Date achieved compliance: 07/13/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/25/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 02/25/2008
Date achieved compliance: 02/25/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/25/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 02/25/2008
Date achieved compliance: 02/25/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/25/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permit Condition or Requirement
Date violation determined: 02/25/2008
Date achieved compliance: 07/13/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/25/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 09/19/2007
Date achieved compliance: 10/01/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/20/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 05/16/2007
Date achieved compliance: 05/16/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/17/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 03/27/2007
Date achieved compliance: 03/27/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/27/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 01/24/2006
Date achieved compliance: 03/27/2006
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 07/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 35240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 01/24/2006
Date achieved compliance: 03/27/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 01/24/2006
Date achieved compliance: 03/27/2006
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 06/30/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 01/24/2006
Date achieved compliance: 03/27/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 01/24/2006
Date achieved compliance: 03/27/2006
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 06/30/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 01/24/2006
Date achieved compliance: 03/27/2006
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 07/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 35240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 01/24/2006
Date achieved compliance: 03/27/2006
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 06/30/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Area of violation: TSD - Preparedness and Prevention
Date violation determined: 01/24/2006
Date achieved compliance: 03/27/2006
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 07/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 35240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 01/24/2006
Date achieved compliance: 03/27/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/28/2005
Date achieved compliance: 06/28/2005
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 06/30/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/28/2005
Date achieved compliance: 10/05/2005
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 07/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 35240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards

CROSBY & OVERTON (Continued) **1000377893**

Date violation determined: 06/28/2005
Date achieved compliance: 10/05/2005
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 06/30/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 06/28/2005
Date achieved compliance: 10/05/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/28/2005
Date achieved compliance: 06/28/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/28/2005
Date achieved compliance: 10/05/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/28/2005

CROSBY & OVERTON (Continued) **1000377893**

Date achieved compliance: 06/28/2005
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 07/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 35240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 06/28/2005
Date achieved compliance: 10/05/2005
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 07/27/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 35240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 06/28/2005
Date achieved compliance: 10/05/2005
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 06/30/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 02/09/2005
Date achieved compliance: 02/23/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/09/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 02/09/2005
Date achieved compliance: 02/09/2005

CROSBY & OVERTON (Continued) **1000377893**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/09/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 11/22/2004
Date achieved compliance: 11/23/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/24/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/19/2004
Date achieved compliance: 08/19/2004
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/30/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/19/2004
Date achieved compliance: 08/19/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/19/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/19/2004
Date achieved compliance: 08/19/2004
Violation lead agency: State

CROSBY & OVERTON (Continued) **1000377893**

Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 01/06/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 60000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 11/04/2003
Date achieved compliance: 06/24/2004
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/30/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 11/04/2003
Date achieved compliance: 01/28/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 01/06/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 60000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 11/04/2003
Date achieved compliance: 06/24/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 11/04/2003
Date achieved compliance: 06/24/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO

CROSBY & OVERTON (Continued) **1000377893**

Enforcement action date: 01/06/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 60000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 11/04/2003
Date achieved compliance: 12/16/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 11/04/2003
Date achieved compliance: 06/24/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 01/06/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 60000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 11/04/2003
Date achieved compliance: 06/24/2004
Violation lead agency: State
Enforcement action: SINGLE SITE CA/FO
Enforcement action date: 01/06/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 60000
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 11/04/2003
Date achieved compliance: 06/24/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/17/2003

CROSBY & OVERTON (Continued) **1000377893**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 11/04/2003
Date achieved compliance: 01/28/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 11/04/2003
Date achieved compliance: 12/16/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 11/04/2003
Date achieved compliance: 06/24/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 11/04/2003
Date achieved compliance: 06/24/2004
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/30/2004
Enf. disposition status: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 11/04/2003
Date achieved compliance: 06/24/2004
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/30/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 11/04/2003
Date achieved compliance: 01/28/2004
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/30/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 09/10/2002
Date achieved compliance: 12/10/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 09/04/2002
Date achieved compliance: 09/02/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/04/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 12/14/2001
Date achieved compliance: 09/02/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/14/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 10/31/2001
Date achieved compliance: 02/01/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/01/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 10/31/2001
Date achieved compliance: 10/31/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/01/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 10/31/2001
Date achieved compliance: 02/01/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/01/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

CROSBY & OVERTON (Continued) **1000377893**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/29/1999
Date achieved compliance: 11/12/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/07/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 09/29/1999
Date achieved compliance: 10/03/2000
Violation lead agency: State
Enforcement action: CRIMINAL CONVICTION
Enforcement action date: 03/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 09/29/1999
Date achieved compliance: 11/12/1999
Violation lead agency: State
Enforcement action: CRIMINAL CONVICTION
Enforcement action date: 03/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 09/29/1999
Date achieved compliance: 11/12/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/07/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 09/29/1999
Date achieved compliance: 10/03/2000
Violation lead agency: State
Enforcement action: CRIMINAL CONVICTION
Enforcement action date: 03/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/29/1999
Date achieved compliance: 11/12/1999
Violation lead agency: State
Enforcement action: CRIMINAL CONVICTION
Enforcement action date: 03/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 09/29/1999
Date achieved compliance: 11/12/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/07/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 09/29/1999
Date achieved compliance: 10/03/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/07/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 09/29/1999
Date achieved compliance: 10/03/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/07/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/21/1999
Date achieved compliance: 11/11/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/21/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 06/21/1999
Date achieved compliance: 11/11/1999
Violation lead agency: State
Enforcement action: CRIMINAL CONVICTION
Enforcement action date: 03/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 06/21/1999
Date achieved compliance: 11/11/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/21/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/21/1999
Date achieved compliance: 11/11/1999
Violation lead agency: State
Enforcement action: CRIMINAL CONVICTION
Enforcement action date: 03/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 02/26/1998
Date achieved compliance: 04/29/1998
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/24/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 4000
Paid penalty amount: 4000

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/04/1993
Date achieved compliance: 07/09/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/04/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 02/04/1993
Date achieved compliance: 02/18/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/04/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.70-77.E

CROSBY & OVERTON (Continued) **1000377893**

Area of violation: TSD - General
Date violation determined: 02/04/1993
Date achieved compliance: 02/18/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/04/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 12/06/1991
Date achieved compliance: 02/06/1992
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/08/1990
Date achieved compliance: 11/02/1990
Violation lead agency: State
Enforcement action: FINAL 3008(H) I.S. CA ORDER
Enforcement action date: 08/29/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 04/16/1990
Date achieved compliance: 10/14/1991
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/24/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 146500
Final penalty amount: 146500
Paid penalty amount: Not reported

Regulation violated: F - 264.70-77.E
Area of violation: TSD - General

CROSBY & OVERTON (Continued) **1000377893**

Date violation determined: 10/17/1989
Date achieved compliance: 10/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 10/17/1989
Date achieved compliance: 10/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 10/11/1989
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 10/11/1989
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/22/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 07/26/1989

CROSBY & OVERTON (Continued) **1000377893**

Date achieved compliance: 06/20/1990
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/20/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 02/17/1989
Date achieved compliance: 02/15/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/13/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 02/17/1989
Date achieved compliance: 02/15/1990
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 02/17/1989
Date achieved compliance: 02/15/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/13/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 02/17/1989
Date achieved compliance: 02/15/1990

CROSBY & OVERTON (Continued) **1000377893**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/13/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 02/17/1989
Date achieved compliance: 02/15/1990
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 02/17/1989
Date achieved compliance: 02/15/1990
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 02/17/1989
Date achieved compliance: 02/15/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/13/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 02/17/1989
Date achieved compliance: 02/15/1990
Violation lead agency: State

CROSBY & OVERTON (Continued) **1000377893**

Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/08/1989
Date achieved compliance: 10/18/1989
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/29/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 79000
Paid penalty amount: 79000

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/08/1989
Date achieved compliance: 10/18/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/28/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 12/03/1987
Date achieved compliance: 02/17/1989
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 02/19/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 12/03/1987
Date achieved compliance: 02/17/1989
Violation lead agency: EPA
Enforcement action: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Enforcement action date: 02/19/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 12/03/1987
Date achieved compliance: 02/17/1989
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 02/19/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/24/1987
Date achieved compliance: 10/18/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/28/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/24/1987
Date achieved compliance: 10/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/21/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/07/1987

CROSBY & OVERTON (Continued) **1000377893**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/28/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/28/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/07/1987
Enf. disposition status: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/12/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/28/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/12/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/12/1987
Date achieved compliance: 12/15/1989
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/28/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/25/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/27/2014
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported

CROSBY & OVERTON (Continued) **1000377893**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/27/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/13/2012
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/28/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/06/2013
Evaluation lead agency: State

Evaluation date: 05/22/2012
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/25/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/02/2011
Evaluation: FOLLOW-UP INSPECTION
Area of violation: State Statute or Regulation
Date achieved compliance: 10/17/2011
Evaluation lead agency: State

Evaluation date: 08/02/2011
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 10/17/2011
Evaluation lead agency: State

Evaluation date: 05/05/2011
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/16/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CROSBY & OVERTON (Continued) **1000377893**

Evaluation date: 08/25/2010
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/22/2009
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/12/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/13/2009
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/23/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Air Emission Standards - Tanks/SI/Containers
Date achieved compliance: 07/20/2009
Evaluation lead agency: State

Evaluation date: 04/23/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 07/20/2009
Evaluation lead agency: State

Evaluation date: 04/23/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 07/20/2009
Evaluation lead agency: State

Evaluation date: 04/23/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 07/17/2009
Evaluation lead agency: State

Evaluation date: 04/23/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 10/26/2009
Evaluation lead agency: State

Evaluation date: 04/23/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards

CROSBY & OVERTON (Continued) **1000377893**

Date achieved compliance: 07/17/2009
Evaluation lead agency: State

Evaluation date: 04/23/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 10/26/2009
Evaluation lead agency: State

Evaluation date: 10/23/2008
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Transporters - General
Date achieved compliance: 10/23/2008
Evaluation lead agency: State

Evaluation date: 10/23/2008
Evaluation: FOLLOW-UP INSPECTION
Area of violation: State Statute or Regulation
Date achieved compliance: 10/23/2008
Evaluation lead agency: State

Evaluation date: 03/12/2008
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/25/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permit Condition or Requirement
Date achieved compliance: 07/13/2008
Evaluation lead agency: State

Evaluation date: 02/25/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 02/25/2008
Evaluation lead agency: State

Evaluation date: 02/25/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 07/13/2008
Evaluation lead agency: State

Evaluation date: 02/25/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/25/2008
Evaluation lead agency: State

Evaluation date: 09/19/2007
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - Manifest
Date achieved compliance: 10/01/2007
Evaluation lead agency: State

CROSBY & OVERTON (Continued) **1000377893**

Evaluation date: 05/16/2007
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 05/16/2007
Evaluation lead agency: State

Evaluation date: 03/27/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 03/27/2007
Evaluation lead agency: State

Evaluation date: 03/26/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/28/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 09/22/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 03/27/2006
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/02/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/24/2006
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 03/27/2006
Evaluation lead agency: State

Evaluation date: 01/24/2006
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/24/2006
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Preparedness and Prevention

CROSBY & OVERTON (Continued) **1000377893**

Date achieved compliance: 03/27/2006
Evaluation lead agency: State

Evaluation date: 01/24/2006
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 03/27/2006
Evaluation lead agency: State

Evaluation date: 10/05/2005
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 10/05/2005
Evaluation lead agency: State

Evaluation date: 06/28/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 06/28/2005
Evaluation lead agency: State

Evaluation date: 06/28/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/28/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 10/05/2005
Evaluation lead agency: State

Evaluation date: 02/09/2005
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/09/2005
Evaluation lead agency: State

Evaluation date: 02/09/2005
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/23/2005
Evaluation lead agency: State

Evaluation date: 11/22/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 11/23/2004
Evaluation lead agency: State

CROSBY & OVERTON (Continued) **1000377893**

Evaluation date: 10/14/2004
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/19/2004
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 08/19/2004
Evaluation lead agency: State

Evaluation date: 06/24/2004
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/21/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 11/04/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 06/24/2004
Evaluation lead agency: State

Evaluation date: 11/04/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 01/28/2004
Evaluation lead agency: State

Evaluation date: 11/04/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 06/24/2004
Evaluation lead agency: State

Evaluation date: 11/04/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 06/24/2004
Evaluation lead agency: State

Evaluation date: 11/04/2003
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/04/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport

CROSBY & OVERTON (Continued) **1000377893**

Date achieved compliance: 12/16/2003
Evaluation lead agency: State

Evaluation date: 11/04/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 12/16/2003
Evaluation lead agency: State

Evaluation date: 09/11/2003
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/10/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 12/10/2002
Evaluation lead agency: State

Evaluation date: 09/04/2002
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 09/02/2003
Evaluation lead agency: State

Evaluation date: 12/14/2001
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 09/02/2003
Evaluation lead agency: State

Evaluation date: 10/31/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/01/2002
Evaluation lead agency: State

Evaluation date: 10/31/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 10/31/2001
Evaluation lead agency: State

Evaluation date: 10/31/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/01/2002
Evaluation lead agency: State

Evaluation date: 10/03/2000
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CROSBY & OVERTON (Continued) **1000377893**

Evaluation date: 10/03/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/03/2000
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/29/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 11/12/1999
Evaluation lead agency: State

Evaluation date: 09/29/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 10/03/2000
Evaluation lead agency: State

Evaluation date: 09/29/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 11/12/1999
Evaluation lead agency: State

Evaluation date: 09/29/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Tank System Standards
Date achieved compliance: 10/03/2000
Evaluation lead agency: State

Evaluation date: 09/29/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 11/12/1999
Evaluation lead agency: State

Evaluation date: 06/21/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/21/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 11/11/1999
Evaluation lead agency: State

Evaluation date: 06/21/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards

CROSBY & OVERTON (Continued) **1000377893**

Date achieved compliance: 11/11/1999
Evaluation lead agency: State

Evaluation date: 11/12/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/16/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 02/26/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/29/1998
Evaluation lead agency: State

Evaluation date: 10/17/1995
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/26/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/18/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/21/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/09/1993
Evaluation lead agency: State

Evaluation date: 12/21/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/18/1993
Evaluation lead agency: State

Evaluation date: 12/21/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/18/1993
Evaluation lead agency: State

CROSBY & OVERTON (Continued) **1000377893**

Evaluation date: 09/25/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/06/1992
Evaluation lead agency: EPA

Evaluation date: 03/28/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/08/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/02/1990
Evaluation lead agency: State

Evaluation date: 04/16/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/14/1991
Evaluation lead agency: State

Evaluation date: 10/17/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - General
Date achieved compliance: 10/18/1989
Evaluation lead agency: State

Evaluation date: 10/11/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/15/1989
Evaluation lead agency: State

Evaluation date: 07/26/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/20/1990
Evaluation lead agency: EPA

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/15/1990
Evaluation lead agency: State

Evaluation date: 02/17/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/15/1990
Evaluation lead agency: State

Evaluation date: 02/08/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements

CROSBY & OVERTON (Continued) **1000377893**

Date achieved compliance: 10/18/1989
Evaluation lead agency: State

Evaluation date: 03/01/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/03/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/17/1989
Evaluation lead agency: EPA

Evaluation date: 12/03/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/17/1989
Evaluation lead agency: EPA

Evaluation date: 11/24/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 10/18/1989
Evaluation lead agency: State

Evaluation date: 11/12/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/15/1989
Evaluation lead agency: State

Evaluation date: 11/12/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 12/15/1989
Evaluation lead agency: State

Evaluation date: 04/30/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CERC-NFRAP:
Site ID: 0901268
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13285386.00000
Person ID: 13003854.00000

Contact Sequence ID: 13290981.00000
Person ID: 13003858.00000

CROSBY & OVERTON (Continued) **1000377893**

Contact Sequence ID: 13296839.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: CROSBY & OVERTON PLT #1
Alias Address: Not reported
CA

Alias Name: CHEROKEE
Alias Address: 1622 W 16TH ST
LONG BEACH, CA 90813

Program Priority:
Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:
Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY ASSESSMENT
Date Started: / /
Date Completed: 08/01/88
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: / /
Date Completed: 08/01/88
Priority Level: Deferred to RCRA (Subtitle C)

Action: PRELIMINARY ASSESSMENT
Date Started: 06/01/84
Date Completed: 12/01/87
Priority Level: Low priority for further assessment

Action: DISCOVERY
Date Started: / /
Date Completed: 07/01/80
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/23/96
Priority Level: Not reported

CORRACTS:

EPA ID: CAD028409019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19880801
Action: CA049SI
NAICS Code(s): 562211
Hazardous Waste Treatment and Disposal
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD028409019
EPA Region: 09

CROSBY & OVERTON (Continued) **1000377893**

Area Name: ENTIRE FACILITY
Actual Date: 19840601
Action: CA049PA
NAICS Code(s): 562211
Hazardous Waste Treatment and Disposal
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD028409019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840601
Action: CA029WQ
NAICS Code(s): 562211
Hazardous Waste Treatment and Disposal
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD028409019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19840601
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 562211
Hazardous Waste Treatment and Disposal
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD028409019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930115
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 562211
Hazardous Waste Treatment and Disposal
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD028409019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140820
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 562211
Hazardous Waste Treatment and Disposal
Original schedule date: 20140924
Schedule end date: Not reported

EPA ID: CAD028409019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140820
Action: CA550RC
NAICS Code(s): 562211

CROSBY & OVERTON (Continued) **1000377893**

Hazardous Waste Treatment and Disposal
Original schedule date: 20140924
Schedule end date: Not reported

EPA ID: CAD028409019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20140820
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 562211
Hazardous Waste Treatment and Disposal
Original schedule date: 20140924
Schedule end date: Not reported

EPA ID: CAD028409019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19930224
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 562211
Hazardous Waste Treatment and Disposal
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD028409019
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19880728
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 562211
Hazardous Waste Treatment and Disposal
Original schedule date: Not reported
Schedule end date: Not reported

FTTS INSP:
Inspection Number: 19870825CA001 2
Region: 09
Inspection Date: 08/25/87
Inspector: BERMAN
Violation occurred: Yes
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: Storer

HIST FTTS INSP:
Inspection Number: 19870825CA001 2

CROSBY & OVERTON (Continued) **1000377893**

Region:	09
Inspection Date:	Not reported
Inspector:	BERMAN
Violation occurred:	Yes
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	Storer

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130352

LUST:

Region:	STATE
Global Id:	T0603701949
Latitude:	33.7870887
Longitude:	-118.2144618
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/29/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130352
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701949
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603701949
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Status History:

CROSBY & OVERTON (Continued) **1000377893**

Global Id: T0603701949
Status: Open - Case Begin Date
Status Date: 01/01/1986

Global Id: T0603701949
Status: Open - Remediation
Status Date: 03/19/1993

Global Id: T0603701949
Status: Completed - Case Closed
Status Date: 08/29/1996

Regulatory Activities:
Global Id: T0603701949
Action Type: Other
Date: 01/01/1986
Action: Leak Discovery

Global Id: T0603701949
Action Type: Other
Date: 11/14/1986
Action: Leak Reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 908130352
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: ETFP
Global ID: T0603701949
W Global ID: Not reported
Staff: UNK
Local Agency: 19060
Cross Street: CANAL AVE
Enforcement Type: Not reported
Date Leak Discovered: 1/1/1986
Date Leak First Reported: 11/14/1986
Date Leak Record Entered: 9/8/1987
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 9/25/1996
Date the Case was Closed: 8/29/1996
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: LARRY BOYLE
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 15505.953668653684933492847186

CROSBY & OVERTON (Continued) **1000377893**

Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	3/19/1993
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CROSBY AND OVERTON
RP Address:	1610 17TH ST W LONG BEACH CA 90813
Program:	LUST
Lat/Long:	33.7870887 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	FREE PRODUCT RECOVERY IN PROGRESS. ADDITIONAL SAP REQUIRED.

CA FID UST:

Facility ID:	19056599
Regulated By:	UTNKA
Regulated ID:	00003057
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2134325445
Mail To:	Not reported
Mailing Address:	1610 W 017TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG BEACH 90813
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST UST:

Region:	STATE
Facility ID:	00000003057
Facility Type:	Other
Other Type:	HEAVY DUTY CLEANING
Contact Name:	Not reported
Telephone:	2134325445
Owner Name:	CROSBY & OVERTON, INC.
Owner Address:	1610 WEST 17TH STREET

CROSBY & OVERTON (Continued) **1000377893**

Owner City,St,Zip:	LONG BEACH, CA 90813
Total Tanks:	0009
Tank Num:	001
Container Num:	EQ#00473 1
Year Installed:	1974
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2 EQ#00474
Year Installed:	1974
Tank Capacity:	00009000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well, None
Tank Num:	005
Container Num:	5 EQ 00462
Year Installed:	1968
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	006
Container Num:	6 EQ 00463
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

CROSBY & OVERTON (Continued) **1000377893**

Tank Num:	007
Container Num:	7WASHDOWN
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	6
Leak Detection:	None

Tank Num:	008
Container Num:	8 PLANT 1
Year Installed:	1974
Tank Capacity:	00004500
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	6
Leak Detection:	None

Tank Num:	009
Container Num:	9
Year Installed:	1983
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	10
Leak Detection:	None

NY MANIFEST:

EPA ID:	CAD028409019
Country:	USA
Location Address 1:	1620 W. 16TH STREET
Location Address 2:	Not reported
Location City:	LONG BEACH
Location State:	CA
Location Zip Code:	90813
Location Zip Code 4:	Not reported

Mailing Info:

Name:	CROSBY AND OVERTON
Contact:	CROSBY AND OVERTON
Address:	1620 W. 16TH STREET
City/State/Zip:	LONG BEACH, CA 90813
Country:	USA
Phone:	213-432-5445

Manifest:

Document ID:	NYA7920747
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	11284PNY
Trans2 State ID:	Not reported
Generator Ship Date:	06/05/1992
Trans1 Recv Date:	06/05/1992
Trans2 Recv Date:	/ /
TSD Site Recv Date:	06/22/1992
Part A Recv Date:	/ /
Part B Recv Date:	07/01/1992

CROSBY & OVERTON (Continued) **1000377893**

Generator EPA ID: CAD028409019
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00075
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00033
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 1992

Document ID: NYA8072892
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 04/14/1989
Trans1 Recv Date: 04/14/1989
Trans2 Recv Date: / /
TSD Site Recv Date: 04/20/1989
Part A Recv Date: 04/25/1989
Part B Recv Date: 04/27/1989
Generator EPA ID: CAD028409019
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00009
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 1989

Document ID: NYA7920738
Manifest Status: Completed copy
Trans1 State ID: 10208P-NY
Trans2 State ID: Not reported
Generator Ship Date: 09/18/1989
Trans1 Recv Date: 09/18/1989
Trans2 Recv Date: / /
TSD Site Recv Date: 10/02/1989
Part A Recv Date: 09/25/1989
Part B Recv Date: 10/10/1989
Generator EPA ID: CAD028409019
Trans1 EPA ID: NYD980769947

CROSBY & OVERTON (Continued) **1000377893**

Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1989

Document ID:	NYA8054073
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	04/14/1989
Trans1 Recv Date:	04/14/1989
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/20/1989
Part A Recv Date:	04/25/1989
Part B Recv Date:	04/27/1989
Generator EPA ID:	CAD028409019
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00027
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00002
Units:	L
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1989

Document ID:	NYA4163253
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	X17593NY
Trans2 State ID:	Not reported
Generator Ship Date:	09/18/1986
Trans1 Recv Date:	09/18/1986
Trans2 Recv Date:	/ /
TSD Site Recv Date:	09/26/1986
Part A Recv Date:	11/07/1986
Part B Recv Date:	10/02/1986
Generator EPA ID:	CAD028409019
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372

CROSBY & OVERTON (Continued) **1000377893**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00001
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1986

Document ID:	NYA5462199
Manifest Status:	Completed copy
Trans1 State ID:	NY-X17593
Trans2 State ID:	Not reported
Generator Ship Date:	07/23/1987
Trans1 Recv Date:	07/23/1987
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/03/1987
Part A Recv Date:	07/27/1987
Part B Recv Date:	08/07/1987
Generator EPA ID:	CAD028409019
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00017
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00017
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00009
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1987

Document ID:	NYA3199408
Manifest Status:	Completed copy
Trans1 State ID:	X17593
Trans2 State ID:	Not reported
Generator Ship Date:	01/19/1987
Trans1 Recv Date:	01/19/1987
Trans2 Recv Date:	/ /
TSD Site Recv Date:	01/28/1987
Part A Recv Date:	01/30/1987

CROSBY & OVERTON (Continued) **1000377893**

Part B Recv Date:	02/04/1987
Generator EPA ID:	CAD028409019
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00200
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00020
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1987

Document ID:	NYA8072874
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	12/05/1988
Trans1 Recv Date:	12/05/1988
Trans2 Recv Date:	/ /
TSD Site Recv Date:	12/16/1988
Part A Recv Date:	01/18/1989
Part B Recv Date:	12/22/1988
Generator EPA ID:	CAD028409019
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00001
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

CROSBY & OVERTON (Continued) **1000377893**

Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00004
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	P030 - CYANIDES N.O.S.
Quantity:	00003
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1988

Document ID:	NYA8072883
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	12/05/1988
Trans1 Recv Date:	12/05/1988
Trans2 Recv Date:	/ /
TSD Site Recv Date:	12/16/1988
Part A Recv Date:	01/18/1989
Part B Recv Date:	12/22/1988
Generator EPA ID:	CAD028409019
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00002
Units:	L
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1988

Document ID:	NYB1508193
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	CALL01260
Trans2 State ID:	Not reported
Generator Ship Date:	06/12/1990
Trans1 Recv Date:	06/12/1990
Trans2 Recv Date:	/ /
TSD Site Recv Date:	06/28/1990
Part A Recv Date:	08/28/1990
Part B Recv Date:	08/06/1990
Generator EPA ID:	CAD028409019
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00003

CROSBY & OVERTON (Continued) **1000377893**

Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	1990

WI MANIFEST:

Year:	2011
EPA ID:	CAD028409019
FID:	Not reported
ACT Code:	201
ACT Status:	A
ACT Code 1:	201
ACT Name:	HW Generator - Large
Contact Title:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact City/State/Zip:	Not reported
Contact Telephone:	Not reported
Contact EMail Address:	Not reported

Shipped:

Year:	2011
Manifest Doc Id:	000189366WAS
Copy Type:	TSDCOPY
Gen EPA ID:	CAD028409019
Gen Date:	10/18/2011
GEN Copy Revd Date:	Not reported
TSD Date:	10/28/2011
TSD EPA ID:	WID988566543
TSD Copy Revd Date:	11/07/2011

Year:	2010
EPA ID:	CAD028409019
FID:	Not reported
ACT Code:	201
ACT Status:	A
ACT Code 1:	201
ACT Name:	HW Generator - Large
Contact Title:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact City/State/Zip:	Not reported
Contact Telephone:	Not reported
Contact EMail Address:	Not reported

Shipped:

Year:	2010
Manifest Doc Id:	000189802WAS
Copy Type:	TSDCOPY
Gen EPA ID:	CAD028409019
Gen Date:	02/24/2010
GEN Copy Revd Date:	Not reported
TSD Date:	03/10/2010

CROSBY & OVERTON (Continued) **1000377893**

TSD EPA ID: WID988566543
TSD Copy Revd Date: 04/07/2010

Year: 2009
EPA ID: CAD028409019
FID: Not reported
ACT Code: 201
ACT Status: A
ACT Code 1: 201
ACT Name: HW Generator - Large
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Shipped:
Year: 2009
Manifest Doc Id: 000134655WAS
Copy Type: TSDCOPY
Gen EPA ID: CAD028409019
Gen Date: 01/05/2009
GEN Copy Revd Date: Not reported
TSD Date: 02/02/2009
TSD EPA ID: WID988566543
TSD Copy Revd Date: 04/01/2009

Year: 2009
Manifest Doc Id: 000134760WAS
Copy Type: TSDCOPY
Gen EPA ID: CAD028409019
Gen Date: 06/11/2009
GEN Copy Revd Date: Not reported
TSD Date: 06/24/2009
TSD EPA ID: WID988566543
TSD Copy Revd Date: 08/26/2009

Year: 2008
EPA ID: CAD028409019
FID: Not reported
ACT Code: 201
ACT Status: A
ACT Code 1: 201
ACT Name: HW Generator - Large
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Year: 2007
EPA ID: CAD028409019

CROSBY & OVERTON (Continued) **1000377893**

FID:	0
ACT Code:	201
ACT Status:	A
ACT Code 1:	201
ACT Name:	HW Generator - Large
Contact Title:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact City/State/Zip:	0
Contact Telephone:	0
Contact EMail Address:	Not reported

Year:	2006
EPA ID:	CAD028409019
FID:	0
ACT Code:	201
ACT Status:	A
ACT Code 1:	201
ACT Name:	HW Generator - Large
Contact Title:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact City/State/Zip:	Not reported
Contact Telephone:	Not reported
Contact EMail Address:	Not reported

Year:	2005
EPA ID:	CAD028409019
FID:	0
ACT Code:	201
ACT Status:	A
ACT Code 1:	201
ACT Name:	HW Generator - Large
Contact Title:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact City/State/Zip:	0
Contact Telephone:	0
Contact EMail Address:	Not reported

SWEEPS UST:

Status:	Active
Comp Number:	3057
Number:	9
Board Of Equalization:	44-013281
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	EQ#00473 1
SWRCB Tank Id:	19-060-003057-000001
Tank Status:	A
Capacity:	8000
Active Date:	07-01-85
Tank Use:	M.V. FUEL

CROSBY & OVERTON (Continued) **1000377893**

STG: P
Content: REG UNLEADED
Number Of Tanks: 8

Status: Active
Comp Number: 3057
Number: 9
Board Of Equalization: 44-013281
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2 EQ#00474
SWRCB Tank Id: 19-060-003057-000002
Tank Status: A
Capacity: 9000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 3057
Number: 9
Board Of Equalization: 44-013281
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 19-060-003057-000003
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 3057
Number: 9
Board Of Equalization: 44-013281
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 4
SWRCB Tank Id: 19-060-003057-000004
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 3057

CROSBY & OVERTON (Continued) **1000377893**

Number: 9
Board Of Equalization: 44-013281
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 5 EQ 00462
SWRCB Tank Id: 19-060-003057-000005
Tank Status: A
Capacity: 3000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 3057
Number: 9
Board Of Equalization: 44-013281
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 6 EQ 00463
SWRCB Tank Id: 19-060-003057-000006
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 3057
Number: 9
Board Of Equalization: 44-013281
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 7WASHDOWN
SWRCB Tank Id: 19-060-003057-000007
Tank Status: A
Capacity: 3000
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 3057
Number: 9
Board Of Equalization: 44-013281
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 9

CROSBY & OVERTON (Continued) **1000377893**

SWRCB Tank Id: 19-060-003057-000008
Tank Status: A
Capacity: 550
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

HWP:
EPA Id: CAD028409019
Cleanup Status: OPERATING PERMIT
Latitude: 33.78818
Longitude: -118.2143
Facility Type: Permitted - Operating
Facility Size: Large Treatment
Team: PHILLIP BLUM
Supervisor: RICARDO GONZALEZ
Site Code: 400214
Assembly District: 70
Senate District: 33
Public Information Officer: Not reported

Activities:
EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 03/04/2013

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date: 09/20/1991

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving

CROSBY & OVERTON (Continued) **1000377893**

(GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - APPLICATION PART A RECEIVED
Actual Date: 12/16/2002

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 11/09/1984

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - TECHNICAL COMPLETE LETTER
Actual Date: 03/05/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 06/20/1983

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (END)
Actual Date: 07/21/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (END)
Actual Date: 04/09/1993

EPA Id: CAD028409019
Facility Type: Permitted - Operating

CROSBY & OVERTON (Continued) **1000377893**

Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date: 03/25/1993

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date: 05/26/1993

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (PUBLIC HEARING)
Actual Date: 05/01/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - CEQA DETERMINATION
Actual Date: 08/22/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 11/09/1984

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PART A & PART B RECEIVED
Actual Date: 06/03/1992

EPA Id: CAD028409019

CROSBY & OVERTON (Continued) **1000377893**

Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 12/28/1984

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (PUBLIC MEETING)
Actual Date: 05/01/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 08/22/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL
Actual Date: 08/22/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit),

CROSBY & OVERTON (Continued) **1000377893**

Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL CEQA
Actual Date: 08/22/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - DRAFT PERMIT RENEWAL
Actual Date: 01/31/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date: 02/23/1993

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 03/09/1992

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - PUBLIC COMMENT (END)
Actual Date: 01/03/1985

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)

CROSBY & OVERTON (Continued) **1000377893**

Event Description: Renewal - No Changes - ADMINISTRATIVE REVIEW COMPLETE
Actual Date: 01/14/2003

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 03/26/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 08/21/2024

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 02/23/1993

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - DISCLOSURE (CLEARED)
Actual Date: 01/16/2009

EPA Id: CAD028409019
Facility Type: Permitted - Operating

CROSBY & OVERTON (Continued) **1000377893**

Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - DRAFT CEQA
Actual Date: 03/26/2014

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 04/10/1991

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - APPLICATION PART B RECEIVED
Actual Date: 05/16/1990

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 12/28/1989

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 12/28/1984

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - APPLICATION PART B RECEIVED
Actual Date: 12/16/2002

EPA Id: CAD028409019

CROSBY & OVERTON (Continued) **1000377893**

Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 05/26/1993

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - CALL-IN LETTER ISSUED
Actual Date: 12/21/2001

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: Container Storage Area 1 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 05/26/2003

EPA Id: CAD028409019
Facility Type: Permitted - Operating
Unit Names: CONTAIN10-Stor area (GPRA Unit), CONTAIN11-Stor area (GPRA Unit), CONTAIN5-Stor area (GPRA Unit), CONTAIN6-Stor area (GPRA Unit), CONTAIN7-Stor area (GPRA Unit), CONTAIN8-Stor area (GPRA Unit), CONTAIN9-Stor area (GPRA Unit), Container Storage Area 1 (GPRA Unit), Container Storage Area 2 (GPRA Unit), Container Storage Area 3 (GPRA Unit), Container Storage Area 4 (GPRA Unit), Filter Press (FP-1000) (GPRA Unit), OTHERTRT2-Paint Cons (GPRA Unit), OTHERTRT3-Can Crush (GPRA Unit), OTHERTRT4-Drum crush (GPRA Unit), TANKSTR1 (GPRA Unit), TANKSTR2 (GPRA Unit), TANKSTR3-Load dock (GPRA), TANKSTR4-Receiving (GPRA Unit), TANKSTR5-Receiving (GPRA Unit), TANKTRT1 (GPRA Unit)
Event Description: Renewal - No Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 05/06/2009

Alias:
EPA Id: CAD028409019
Facility Type: Permitted - Operating
Alias Type: Project Code (Site Code)
Alias: 400214

US FIN ASSUR:
EPA ID: CAD028409019
Provider: STEADFAST INSURANCE CO.
EPA region: 9
County: LOS ANGELES
Mechanism type: INSURANCE

CROSBY & OVERTON (Continued) **1000377893**

Mechanism ID: EPC9006559-06
Cost estimate: 2000000
Face value: 8000000
Effective date: 11/20/2009

EPA ID: CAD028409019
Provider: STEADFAST INSURANCE CO.
EPA region: 9
County: LOS ANGELES
Mechanism type: INSURANCE
Mechanism ID: SSP1523719-10
Cost estimate: 8000000
Face value: 8000000
Effective date: 11/20/2010

EPA ID: CAD028409019
Provider: U.S. BANK
EPA region: 9
County: LOS ANGELES
Mechanism type: TRUST FUND (FULLY FUNDED)
Mechanism ID: 94616560
Cost estimate: 171053.39
Face value: 910894
Effective date: 3/31/2011

EPA ID: CAD028409019
Provider: U.S. BANK
EPA region: 9
County: LOS ANGELES
Mechanism type: TRUST FUND (FULLY FUNDED)
Mechanism ID: 94616560
Cost estimate: 729130.95
Face value: 910894
Effective date: 3/31/2011

2020 COR ACTION:
EPA ID: CAD028409019
Region: 9
Action: Not reported

AQ220 **CROSBY & OVERTON PLANT 1** **CA NPDES** **S103957863**
WNW **1630 W 17TH ST** **CA ENVIROSTOR** **N/A**
1/2-1 **LONG BEACH, CA 90813** **CA WDS**
0.575 mi.
3034 ft. **Site 2 of 2 in cluster AQ**

Relative:
Lower

Actual:
11 ft.

NPDES:
Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 4
Regulatory Measure Id: 188994
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 4 19I002578
Program Type: Industrial

CROSBY & OVERTON PLANT 1 (Continued) **S103957863**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/01/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Crosby & Overton
Discharge Address:	1610 W 17th St
Discharge City:	Long Beach
Discharge State:	California
Discharge Zip:	90813
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported

CROSBY & OVERTON PLANT 1 (Continued) **S103957863**

DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	188994
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I002578
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	05/09/2008
PROCESSED DATE:	04/01/1992
STATUS CODE NAME:	Active
STATUS DATE:	04/01/1992
PLACE SIZE:	70000
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	LARRY Boyle
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	5624325445
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Crosby & Overton
OPERATOR ADDRESS:	1610 W 17th St
OPERATOR CITY:	Long Beach
OPERATOR STATE:	California
OPERATOR ZIP:	90813
OPERATOR CONTACT NAME:	Michael Shloub
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	562-432-5445
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported

CROSBY & OVERTON PLANT 1 (Continued) **S103957863**

CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	562-432-5445
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Los Angeles River
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	4953-Refuse Systems
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

ENVIROSTOR:

Facility ID:	80001355
Status:	Active
Status Date:	01/01/2008
Site Code:	400214
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	WM
Program Manager:	Not reported
Supervisor:	Farshad Vakili
Division Branch:	Office of Permitting
Assembly:	70
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.78785
Longitude:	-118.2145
APN:	7432008046
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	7432008046
Alias Type:	APN

CROSBY & OVERTON PLANT 1 (Continued) **S103957863**

Alias Name: CAD028409019
Alias Type: EPA Identification Number
Alias Name: 400214
Alias Type: Project Code (Site Code)
Alias Name: 80001355
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 07/25/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 08/01/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/01/1984
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 02/24/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 08/20/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 08/20/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed
Completed Date: 08/20/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 01/01/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

CROSBY & OVERTON PLANT 1 (Continued) **S103957863**

Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

WDS:

Facility ID:	4 19I002578
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	5624325445
Facility Contact:	LARRY BOYLE
Agency Name:	CROSBY & OVERTON INC
Agency Address:	1610 W 17th St
Agency City,St,Zip:	Long Beach 908131295
Agency Contact:	ROBERT DENT
Agency Telephone:	3104325445
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

221 WSW 1/2-1 0.576 mi. 3041 ft. | **LONG BEACH PLATING CO INC**
1620 WEST ANAHEIM STREET
LONG BEACH, CA 90813 | **CA EMI** | **S106834673**
CA ENVIROSTOR | **N/A**

Relative: Lower

Actual: 8 ft.

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	17339
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ENVIROSTOR:

Facility ID:	71002202
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	70
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.7824
Longitude:	-118.2142
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD008344038
Alias Type:	EPA Identification Number
Alias Name:	110002632900
Alias Type:	EPA (FRS #)
Alias Name:	71002202
Alias Type:	Envirostor ID Number

Completed Info:

LONG BEACH PLATING CO INC (Continued) **S106834673**

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

222
NW
1/2-1
0.697 mi.
3682 ft.

LBUSD CABRILLO
2001 SANTA FE AVE
LONG BEACH, CA 90813

RCRA-SQG **1001815708**
FINDS **CAR000059469**
CA SCH
CA NPDES
CA ENVIROSTOR

Relative:
Higher

Actual:
14 ft.

RCRA-SQG:

Date form received by agency:	11/22/1999
Facility name:	LBUSD CABRILLO
Facility address:	2001 SANTA FE AVE LONG BEACH, CA 90813
EPA ID:	CAR000059469
Mailing address:	2425 WEBSTER AVE LONG BEACH, CA 90810
Contact:	JOSEPH RASCH
Contact address:	2425 WEBSTER AVE LONG BEACH, CA 90810
Contact country:	US
Contact telephone:	(562) 426-4307
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LONG BEACH UNIFIED SCHOOL DISTRICT
Owner/operator address:	1515 HUGHES WAY LONG BEACH, CA 90810
Owner/operator country:	Not reported
Owner/operator telephone:	(562) 997-8000
Legal status:	District
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

LBUSD CABRILLO (Continued) **1001815708**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110002931150

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SCH:

Facility ID: 19010025
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 40
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

LBUSD CABRILLO (Continued) **1001815708**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404279
Assembly:	70
Senate:	33
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	11/13/2001
Restricted Use:	NO
Funding:	School District
Latitude:	33.79299
Longitude:	-118.2145
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, DDD, DDE, DDT, Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	JUAN RODRIGUEZ CABRILLO HIGH SCH00L
Alias Type:	Alternate Name
Alias Name:	LONG BEACH UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	LONG BEACH USD-CABRILLO HIGH/CDE
Alias Type:	Alternate Name
Alias Name:	LONG BEACH USD-J RODRIGUEZ CABRILLO HS
Alias Type:	Alternate Name
Alias Name:	404058
Alias Type:	Project Code (Site Code)
Alias Name:	404279
Alias Type:	Project Code (Site Code)
Alias Name:	19010025
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/04/2002
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	11/13/2001
Comments:	DTSC approved the Preliminary Endangerment Assessment (PEA). Based on the information presented in the PEA, neither an actual a potential release of hazardous material, nor the presence of naturally occurring hazardous material indicated at the site pose threat to human health or the environment under any land use. Therefore, DTSC concurred that no further environmental investigation or cleanup was required at this site, and approved the PEA.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/04/2000
Comments:	Phase 1 - Pursuant to an agreement between the Department of Toxi

LBUSD CABRILLO (Continued) **1001815708**

Substances Control (DTSC) and the California Department of Education, DTSC's Site Mitigation Program completed a review of a Phase 1 Environmental Assessment and has determined that a Preliminary Endangerment Assessment is required. The PEA will be Conducted under DTSC's oversight pursuant to agreements between DTSC and the pertinent school district. Any subsequent cleanup Activities (if needed) after the PEA would be conducted pursuant to agreements between DTSC and the School District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/01/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/22/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

NPDES:
Npdes Number: CAS000002
Facility Status: Terminated
Agency Id: 0
Region: 4
Regulatory Measure Id: 428740
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 4 19C364444
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 08/24/2012
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 01/06/2014
Discharge Name: Long Beach Unified School District
Discharge Address: 2425 Webster Avenue
Discharge City: Long Beach
Discharge State: California
Discharge Zip: 90810
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported

LBUSD CABRILLO (Continued) **1001815708**

FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	428740
Order No:	Not reported

LBUSD CABRILLO (Continued) **1001815708**

Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	4 19C364444
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	01/06/2014
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	07/12/2012
PROCESSED DATE:	08/24/2012
STATUS CODE NAME:	Terminated
STATUS DATE:	02/18/2014
PLACE SIZE:	2.3
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Frank Navarro
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	562-838-5209
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	fnavarro@lbschools.net
OPERATOR NAME:	Long Beach Unified School District
OPERATOR ADDRESS:	2425 Webster Avenue
OPERATOR CITY:	Long Beach
OPERATOR STATE:	California
OPERATOR ZIP:	90810
OPERATOR CONTACT NAME:	Frank Navarro
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	562-838-5209
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	fnavarro@lbschools.net
OPERATOR TYPE:	Special District
DEVELOPER NAME:	C W Driver
DEVELOPER ADDRESS:	468 N Rosemead Blvd
DEVELOPER CITY:	Pasadena
DEVELOPER STATE:	California
DEVELOPER ZIP:	91107
DEVELOPER CONTACT NAME:	Mike Morrell
DEVELOPER CONTACT TITLE:	Project Manager
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Y
CONSTYPE RESIDENTIAL IND:	Not reported

LBUSD CABRILLO (Continued) **1001815708**

CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Vince Marchetti
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	12-JUL-12
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

ENVIROSTOR:

Facility ID:	19010025
Status:	No Further Action
Status Date:	11/13/2001
Site Code:	404279
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	40
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	70
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.79299
Longitude:	-118.2145
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic DDD DDE DDT Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	JUAN RODRIGUEZ CABRILLO HIGH SCH00L
Alias Type:	Alternate Name
Alias Name:	LONG BEACH UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	LONG BEACH USD-CABRILLO HIGH/CDE
Alias Type:	Alternate Name
Alias Name:	LONG BEACH USD-J RODRIGUEZ CABRILLO HS
Alias Type:	Alternate Name
Alias Name:	404058
Alias Type:	Project Code (Site Code)
Alias Name:	404279
Alias Type:	Project Code (Site Code)
Alias Name:	19010025
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

LBUSD CABRILLO (Continued) **1001815708**

Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/04/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/13/2001
Comments: DTSC approved the Preliminary Endangerment Assessment (PEA). Based on the information presented in the PEA, neither an actual a potential release of hazardous material, nor the presence of naturally occurring hazardous material indicated at the site pose threat to human health or the environment under any land use. Therefore, DTSC concurred that no further environmental investigation or cleanup was required at this site, and approved the PEA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/04/2000
Comments: Phase 1 - Pursuant to an agreement between the Department of Toxi Substances Control (DTSC) and the California Department of Education, DTSC's Site Mitigation Program completed a review of a Phase 1 Environmental Assessment and has determined that a Preliminary Endangerment Assessment is required. The PEA will be Conducted under DTSC's oversight pursuant to agreements between DTSC and the pertinent school district. Any subsequent cleanup Activities (if needed) after the PEA would be conducted pursuant to agreements between DTSC and the School District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/01/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/22/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

223 West 1/2-1 0.704 mi. 3715 ft. | **QUALITY ALUMINUM FORGE**
1411 COTA AVE.
LONG BEACH, CA 92807 | **CA ENVIROSTOR** | **S108217516**
N/A

Relative: Lower

Actual: 8 ft.

ENVIROSTOR:

Facility ID:	71002791
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	70
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.78396
Longitude:	-118.2168
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAL000290855
Alias Type:	EPA Identification Number
Alias Name:	71002791
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

224
WSW
1/2-1
0.818 mi.
4318 ft.

1710 PIER B STREET
1710 PIER B STREET
LONG BEACH, CA 90813

CA NPDES **S105938210**
CA VCP **N/A**
CA EMI
CA ENVIROSTOR

Relative:
Lower

Actual:
5 ft.

NPDES:

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	443261
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19C368508
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/17/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Baker Commodities Incorporated
Discharge Address:	4020 Bandini Blvd
Discharge City:	Vernon
Discharge State:	California
Discharge Zip:	90058
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported

1710 PIER B STREET (Continued) **S105938210**

CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	352558
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I021826
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/18/2013
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	09/23/2008
PROCESSED DATE:	09/25/2008
STATUS CODE NAME:	Terminated
STATUS DATE:	08/22/2013
PLACE SIZE:	12.6
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	William B Terry
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	510-231-2201
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Cemera Long Beach LLC
OPERATOR ADDRESS:	700 Wright Ave
OPERATOR CITY:	Richmond

1710 PIER B STREET (Continued) **S105938210**

OPERATOR STATE:	California
OPERATOR ZIP:	94804
OPERATOR CONTACT NAME:	William B Terry
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	510-231-2201
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Y
RECEIVING WATER NAME:	Pacifi
CERTIFIER NAME:	william Terry
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	21-FEB-13
PRIMARY SIC:	2491-Wood Preserving
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CAS000001
Facility Status:	Terminated
Agency Id:	0
Region:	4
Regulatory Measure Id:	352558
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I021826
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/25/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/18/2013

1710 PIER B STREET (Continued) **S105938210**

Discharge Name:	Cemera Long Beach LLC
Discharge Address:	700 Wright Ave
Discharge City:	Richmond
Discharge State:	California
Discharge Zip:	94804
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported

1710 PIER B STREET (Continued) **S105938210**

CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	443261
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	4 19C368508
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	12/11/2013
PROCESSED DATE:	12/17/2013
STATUS CODE NAME:	Active
STATUS DATE:	12/17/2013
PLACE SIZE:	12.9
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Gary Guesman
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	714-566-9090
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	gguesman@controlledenvironments.com
OPERATOR NAME:	Baker Commodities Incorporated
OPERATOR ADDRESS:	4020 Bandini Blvd
OPERATOR CITY:	Vernon
OPERATOR STATE:	California
OPERATOR ZIP:	90058
OPERATOR CONTACT NAME:	Gary Guesman
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	714-566-9090
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	gguesman@controlledenvironments.com
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Baker Commodities Incorporated
DEVELOPER ADDRESS:	4020 Bandini Blvd
DEVELOPER CITY:	Vernon
DEVELOPER STATE:	California
DEVELOPER ZIP:	90058
DEVELOPER CONTACT NAME:	Gary Guesman
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	N

1710 PIER B STREET (Continued) **S105938210**

CONSTYPE BELOW GROUND IND:	N
CONSTYPE CABLE LINE IND:	N
CONSTYPE COMM LINE IND:	N
CONSTYPE COMMERTIAL IND:	Y
CONSTYPE ELECTRICAL LINE IND:	N
CONSTYPE GAS LINE IND:	N
CONSTYPE INDUSTRIAL IND:	N
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	N
CONSTYPE RECONS IND:	N
CONSTYPE RESIDENTIAL IND:	N
CONSTYPE TRANSPORT IND:	N
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	N
CONSTYPE WATER SEWER IND:	N
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	San Pedro Bay, Pacific Ocean
CERTIFIER NAME:	Gary Guesman
CERTIFIER TITLE:	Owners Agent
CERTIFICATION DATE:	11-DEC-13
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

VCP:

Facility ID:	19290290
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	15
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Anantaramam Peddada
Supervisor:	Robert Senga
Division Branch:	Cleanup Cypress
Site Code:	401633
Assembly:	70
Senate:	33
Special Programs Code:	CLRRA Liability Immunity (AB 389)
Status:	Active
Status Date:	02/08/2012
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.77742 / -118.2166
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - LUMBER/WOOD PRODUCTS, MANUFACTURING - LUMBER/WOOD PRODUCTS, MANUFACTURING - CHEMICALS, PORT, RAILROAD RIGHT OF WAY
Potential COC:	10097, 30001, 30009, 30108, 30153, 30298, 30448, 30001, 30009, 30055, 30108, 30156, 30448, 30594, 30001, 30009, 30156, 30448, 30594, 30001, 30009, 30448, 30528, 30594, 30001, 30156, 30448, 30594
Confirmed COC:	30298,30448,30001,30009,10097-NO,, ,30001,30009,30108,30156,30448,30594,30055,, ,30001,30009,30156,30448,30594,, ,30528,30448,30001,30009,30594,, ,30001,30156,30448,30594
Potential Description:	OTH, SOIL, OTH, SOIL, OTH, SOIL, SURFW

1710 PIER B STREET (Continued) **S105938210**

Alias Name:	BAXTER J H
Alias Type:	Alternate Name
Alias Name:	Cemera Long Beach Aggregate Terminal (Former JH Baxter Site)
Alias Type:	Alternate Name
Alias Name:	Oakmont Baxter LLC
Alias Type:	Alternate Name
Alias Name:	Oakmont Industrial Group
Alias Type:	Alternate Name
Alias Name:	CAD008480204
Alias Type:	EPA Identification Number
Alias Name:	110033612810
Alias Type:	EPA (FRS #)
Alias Name:	400269
Alias Type:	Project Code (Site Code)
Alias Name:	401387
Alias Type:	Project Code (Site Code)
Alias Name:	401487
Alias Type:	Project Code (Site Code)
Alias Name:	401617
Alias Type:	Project Code (Site Code)
Alias Name:	401633
Alias Type:	Project Code (Site Code)
Alias Name:	19290290
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	California Land Reuse and Revitalization Agreement
Completed Date:	08/13/2008
Comments:	This Amendment was executed with Oakmont Baxter LLC, the current owner of the property to make changes in the terms and conditions to facilitate sale of the property and assignment of responsibility for actvities required under the original AB 389 Agreement to prospective purchase Cemara LLC

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/16/2012
Comments:	Completion of activities related to Cemera Long Beach LLC and Closeout of its site code in the CRBS.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Responsible Agency Review
Completed Date:	06/25/2009
Comments:	Port of Long Beach is Lead Agency for CEQA related activities releated to preparation of the Environmental Impact Report (EIR). DTSC provided comments on the Notice of Preparation of an EIR for the Cemera redevlopment project via the State clearinghouse review process.

Completed Area Name:	Soils Operable Unit
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	12/17/2007
Comments:	On March 10, 2007, DTSC issued the approval letter for the October

1710 PIER B STREET (Continued) **S105938210**

16, 2006 Remedial Investigation/ Feasibility Report (RI/FS).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/25/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/13/1989
Comments: Initial Site Screening conducted.

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2007
Comments: Cone Penetrometer Report was interim document summarizing groundwater data from earlier stages of the investigation. It was not a formal milestone document for this project. DTSC provided comments on this document to the J.H. Baxter/Oakmont Team on 1/30/2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/06/2008
Comments: Final Community Profile completed and sent to proponent and repository at Long Beach City Library on 4/2/2008

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 12/17/2007
Comments: Workplan addendum addresses DTSC comments.

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 11/27/2007
Comments: Not reported

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 06/29/2009
Comments: Approval Letter for Revised Draft AB 389 Plan for Soil OU was sent to proponent on 6/29/2009

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/14/2010
Comments: DTSC conditionally approves the document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

1710 PIER B STREET (Continued) **S105938210**

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2009
Comments: Annual Cost Estimate letter sent for calendar year 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/10/2012
Comments: Collection letter sent to Oakmont Industrial Group.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 07/10/2012
Comments: Contract Executed. Contract term 6/20/2012 through 06/30/2013.

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/14/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2011
Comments: Annual cost estimate letter completed on 10/31/2011

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 11/14/2013
Comments: completed the comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/13/2012
Comments: 1st Collection reminder letter for site code 401387, sent to Cemera Long Beach LLC, attention to Bill Terry.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/13/2012
Comments: 1st Collection reminder letter sent for site code 401487 to Cemera Long Beach LLC, attention Bill Terry.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/30/2013
Comments: Contract Expired and Close-Out Memo issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement

1710 PIER B STREET (Continued) **S105938210**

Completed Date: 01/04/2013
Comments: Not reported

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/28/2012
Comments: Geological Support Unit Memo from Dave Murchison on the First and Second Semi-Annual Groundwater Monitoring Report was finalized on 2/28/2012

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/29/2012
Comments: ..

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 12/02/2013
Comments: Not reported

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/30/2012
Comments: Not reported

Completed Area Name: Groundwater OU
Completed Sub Area Name: Baker Cold Storage
Completed Document Type: Monitoring Report
Completed Date: 10/18/2013
Comments: Completed

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/13/2012
Comments: No letter was sent. THis document was uploaded for records only

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/13/2012
Comments: No letter was sent. THis document was uploaded for records only

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Baker Cold Storage
Completed Document Type: Site Characterization Workplan
Completed Date: 10/18/2012
Comments: DTSC sent concurrance with the methane survey workplan.

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/18/2012

1710 PIER B STREET (Continued) **S105938210**

Comments: Not reported

Completed Area Name: Groundwater OU
Completed Sub Area Name: Baker Cold Storage
Completed Document Type: Monitoring Plan
Completed Date: 01/08/2013
Comments: Completed

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/20/2013
Comments: completed. Field work will start

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2014
Comments: Not reported

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/15/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/19/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/20/2014
Comments: completed

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 03/20/2014
Comments: Not reported

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/23/2014
Comments: Not reported

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/13/2014
Comments: .

Completed Area Name: Soils Operable Unit

1710 PIER B STREET (Continued) **S105938210**

Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/23/2014
Comments: Completed

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 04/17/2014
Comments: completed

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/16/2014
Comments: Not reported

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Workplan
Completed Date: 06/05/2014
Comments: Not sent . Not reviewed the document. IT is loaded as information document at the Site

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 07/03/2014
Comments: Not reported

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 07/24/2014
Comments: done

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 08/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 07/08/2002
Comments: A Voluntary Cleanup Agreement (VCA) for a Remedial Investigation through Operation and Maintanance (O & M) was signed on on July 8, 2002.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 08/22/2007
Comments: An AB 389 CLRRA agreement was fully executed for this site on 8/22/07. Not reported

1710 PIER B STREET (Continued) **S105938210**

Future Area Name:	Baker Cold Storage
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2018
Future Area Name:	Baker Cold Storage
Future Sub Area Name:	Not reported
Future Document Type:	Land Use Restriction
Future Due Date:	2018
Future Area Name:	Groundwater OU
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2016
Future Area Name:	Baker Cold Storage
Future Sub Area Name:	Not reported
Future Document Type:	5 Year Review Reports
Future Due Date:	2022
Future Area Name:	Baker Cold Storage
Future Sub Area Name:	Not reported
Future Document Type:	Operations and Maintenance Plan
Future Due Date:	2016
Schedule Area Name:	Baker Cold Storage
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Design/Implementation Workplan
Schedule Due Date:	02/15/2015
Schedule Revised Date:	Not reported

EMI:

Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	18821
Air District Name:	SC
SIC Code:	2491
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

ENVIROSTOR:

Facility ID:	19290290
Status:	Active
Status Date:	02/08/2012
Site Code:	401633
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	15
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Anantaramam Peddada

1710 PIER B STREET (Continued) **S105938210**

Supervisor:	Robert Senga
Division Branch:	Cleanup Cypress
Assembly:	70
Senate:	33
Special Program:	CLRRA Liability Immunity (AB 389)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.77742
Longitude:	-118.2166
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - LUMBER/WOOD PRODUCTS, MANUFACTURING - LUMBER/WOOD PRODUCTS, MANUFACTURING - CHEMICALS, PORT, RAILROAD RIGHT OF WAY
Potential COC:	* CONTAMINATED SOIL Arsenic Dioxin (as 2,3,7,8-TCDD TEQ Cadmium and compounds Chromium VI Furan Pentachlorophenol Arsenic Dioxin (as 2,3,7,8-TCDD TEQ Ammonia Cadmium and compounds Copper and compounds Pentachlorophenol Zinc Arsenic Dioxin (as 2,3,7,8-TCDD TEQ Copper and compounds Pentachlorophenol Zinc Arsenic Dioxin (as 2,3,7,8-TCDD TEQ Pentachlorophenol 2,3,7,8-TCDD (dioxin Zinc Arsenic Copper and compounds Pentachlorophenol Zinc
Confirmed COC:	Furan Pentachlorophenol Arsenic Dioxin (as 2,3,7,8-TCDD TEQ 10097-NO Arsenic Dioxin (as 2,3,7,8-TCDD TEQ Cadmium and compounds Copper and compounds Pentachlorophenol Zinc Ammonia Arsenic Dioxin (as 2,3,7,8-TCDD TEQ Copper and compounds Pentachlorophenol Zinc 2,3,7,8-TCDD (dioxin Pentachlorophenol Arsenic Dioxin (as 2,3,7,8-TCDD TEQ Zinc Arsenic Copper and compounds Pentachlorophenol Zinc
Potential Description:	OTH, SOIL, OTH, SOIL, OTH, SOIL, SURFW
Alias Name:	BAXTER J H
Alias Type:	Alternate Name
Alias Name:	Cemera Long Beach Aggregate Terminal (Former JH Baxter Site)
Alias Type:	Alternate Name
Alias Name:	Oakmont Baxter LLC
Alias Type:	Alternate Name
Alias Name:	Oakmont Industrial Group
Alias Type:	Alternate Name
Alias Name:	CAD008480204
Alias Type:	EPA Identification Number
Alias Name:	110033612810
Alias Type:	EPA (FRS #)
Alias Name:	400269
Alias Type:	Project Code (Site Code)
Alias Name:	401387
Alias Type:	Project Code (Site Code)
Alias Name:	401487
Alias Type:	Project Code (Site Code)
Alias Name:	401617
Alias Type:	Project Code (Site Code)
Alias Name:	401633
Alias Type:	Project Code (Site Code)
Alias Name:	19290290
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	California Land Reuse and Revitalization Agreement
Completed Date:	08/13/2008

1710 PIER B STREET (Continued) **S105938210**

Comments: This Amendment was executed with Oakmont Baxter LLC, the current owner of the property to make changes in the terms and conditions to facilitate sale of the property and assignment of responsibility for actvities required under the original AB 389 Agreement to prospective purchase Cemara LLC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/16/2012
Comments: Completion of activities related to Cemera Long Beach LLC and Closeout of its site code in the CRBS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 06/25/2009
Comments: Port of Long Beach is Lead Agency for CEQA related activities releated to preparation of the Environmental Impact Report (EIR). DTSC provided comments on the Notice of Preparation of an EIR for the Cemera redevlopment project via the State clearinghouse review process.

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/17/2007
Comments: On March 10, 2007, DTSC issued the approval letter for the October 16, 2006 Remedial Investigation/ Feasibility Report (RI/FS).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/25/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/13/1989
Comments: Initial Site Screening conducted.

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2007
Comments: Cone Penetrometer Report was interim document summarizing groundwater data from earlier stages of the investigation. It was not a formal milestone document for this project. DTSC provided comments on this document to the J.H. Baxter/Oakmont Team on 1/30/2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/06/2008
Comments: Final Community Profile completed and sent to proponent and repository at Long Beach City Library on 4/2/2008

1710 PIER B STREET (Continued) **S105938210**

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 12/17/2007
Comments: Workplan addendum addresses DTSC comments.

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 11/27/2007
Comments: Not reported

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 06/29/2009
Comments: Approval Letter for Revised Draft AB 389 Plan for Soil OU was sent to proponent on 6/29/2009

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/14/2010
Comments: DTSC conditionally approves the document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2009
Comments: Annual Cost Estimate letter sent for calendar year 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/10/2012
Comments: Collection letter sent to Oakmont Industrial Group.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 07/10/2012
Comments: Contract Executed. Contract term 6/20/2012 through 06/30/2013.

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/14/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2011
Comments: Annual cost estimate letter completed on 10/31/2011

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported

1710 PIER B STREET (Continued) **S105938210**

Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 11/14/2013
Comments: completed the comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/13/2012
Comments: 1st Collection reminder letter for site code 401387, sent to Cemera Long Beach LLC, attention to Bill Terry.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/13/2012
Comments: 1st Collection reminder letter sent for site code 401487 to Cemera Long Beach LLC, attention Bill Terry.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/30/2013
Comments: Contract Expired and Close-Out Memo issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 01/04/2013
Comments: Not reported

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/28/2012
Comments: Geological Support Unit Memo from Dave Murchison on the First and Second Semi-Annual Groundwater Monitoring Report was finalized on 2/28/2012

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/29/2012
Comments: ..

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 12/02/2013
Comments: Not reported

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/30/2012
Comments: Not reported

Completed Area Name: Groundwater OU

1710 PIER B STREET (Continued) **S105938210**

Completed Sub Area Name: Baker Cold Storage
Completed Document Type: Monitoring Report
Completed Date: 10/18/2013
Comments: Completed

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/13/2012
Comments: No letter was sent. THis document was uploaded for records only

Completed Area Name: Groundwater OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/13/2012
Comments: No letter was sent. THis document was uploaded for records only

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Baker Cold Storage
Completed Document Type: Site Characterization Workplan
Completed Date: 10/18/2012
Comments: DTSC sent concurrance with the methane survey workplan.

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/18/2012
Comments: Not reported

Completed Area Name: Groundwater OU
Completed Sub Area Name: Baker Cold Storage
Completed Document Type: Monitoring Plan
Completed Date: 01/08/2013
Comments: Completed

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/20/2013
Comments: completed. Field work will start

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2014
Comments: Not reported

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/15/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/19/2014

1710 PIER B STREET (Continued) **S105938210**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/20/2014
Comments: completed

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 03/20/2014
Comments: Not reported

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/23/2014
Comments: Not reported

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/13/2014
Comments: .

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/23/2014
Comments: Completed

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 04/17/2014
Comments: completed

Completed Area Name: Soils Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/16/2014
Comments: Not reported

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Workplan
Completed Date: 06/05/2014
Comments: Not sent . Not reviewed the document. IT is loaded as information document at the Site

Completed Area Name: Baker Cold Storage
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 07/03/2014
Comments: Not reported

1710 PIER B STREET (Continued) **S105938210**

Completed Area Name:	Soils Operable Unit
Completed Sub Area Name:	Not reported
Completed Document Type:	Soils Management Plan
Completed Date:	07/24/2014
Comments:	done

Completed Area Name:	Baker Cold Storage
Completed Sub Area Name:	Not reported
Completed Document Type:	Well Decommissioning Report
Completed Date:	08/14/2014
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	07/08/2002
Comments:	A Voluntary Cleanup Agreement (VCA) for a Remedial Investigation through Operation and Maintanance (O & M) was signed on on July 8, 2002.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	California Land Reuse and Revitalization Agreement
Completed Date:	08/22/2007
Comments:	An AB 389 CLRRA agreement was fully executed for this site on 8/22/07. Not reported

Future Area Name:	Baker Cold Storage
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2018
Future Area Name:	Baker Cold Storage
Future Sub Area Name:	Not reported
Future Document Type:	Land Use Restriction
Future Due Date:	2018
Future Area Name:	Groundwater OU
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Completion Report
Future Due Date:	2016
Future Area Name:	Baker Cold Storage
Future Sub Area Name:	Not reported
Future Document Type:	5 Year Review Reports
Future Due Date:	2022
Future Area Name:	Baker Cold Storage
Future Sub Area Name:	Not reported
Future Document Type:	Operations and Maintenance Plan
Future Due Date:	2016
Schedule Area Name:	Baker Cold Storage
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Design/Implementation Workplan
Schedule Due Date:	02/15/2015
Schedule Revised Date:	Not reported

AR225 WSW 1/2-1 0.890 mi. 4701 ft. | **EDISON/LONG BEACH MGP III** | **EDR MGP** | **1008407698**
LG BEACH AREA, 8TH INT W/EDISON | **N/A**
LONG BEACH, CA 90802

Site 1 of 2 in cluster AR

Relative: Lower

Actual: 7 ft.

Manufactured Gas Plants:

The former Long Beach III Manufactured Gas Plant (MGP) site is located at the southwest corner of the intersection of Pier B Street and Edison Avenue in the City of Long Beach, California. The site consists of approximately five acres. An MGP operateed at the site from 1906 until 1916. From 1916 to 1971, the entire site was used for natural gas storage and distribution. In 1974, the City of Long Beach began dismantling and removing the equipment and structures from the site. The City of Long Beaach currently owns the site. Land use adjacent and in the vicinity of the site is primarily commercial and industrial associated with shipping and petroleum industries. The entire site is paved and approximately 80 percent of the site is used as a paarking lot for imported cars while the remaining portion is located under Pier B Street. Contaminants of Concern at the site include Hydrocarbons (TPH), Polycyclic Aromatic Hydrocarbon (PAH's), Lead, and Arsenic.

AR226 WSW 1/2-1 0.906 mi. 4786 ft. | **EDISON/LONG BEACH III MGP** | **CA VCP** | **S100848277**
LG BCH HARBOR AREA, 8TH ST INT.W/EDISON | **CA ENVIROSTOR** | **N/A**
LONG BEACH, CA 90802

Site 2 of 2 in cluster AR

Relative: Lower

Actual: 6 ft.

VCP:

Facility ID:	19490233
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Tedd Yargeau
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Site Code:	400448
Assembly:	70
Senate:	33
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified / Operation & Maintenance
Status Date:	09/23/2004
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.77944 / -118.2169
APN:	NONE SPECIFIED
Past Use:	MANUFACTURED GAS PLANT
Potential COC:	30001, 30013, 3002502
Confirmed COC:	30001,30013,3002502
Potential Description:	SOIL
Alias Name:	BOOK 7436, PAGE 15, PACEL 900, L.A.
Alias Type:	Alternate Name
Alias Name:	SO. CAL EDISON LONG BEACH TOWN GAS PLANT
Alias Type:	Alternate Name
Alias Name:	TOWN GAS PLANT LONG BEACH III
Alias Type:	Alternate Name
Alias Name:	110033618832

EDISON/LONG BEACH III MGP (Continued) **S100848277**

Alias Type: EPA (FRS #)
Alias Name: 400448
Alias Type: Project Code (Site Code)
Alias Name: 19490233
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/25/2010
Comments: Annual Inspection report submitted and approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/24/2012
Comments: Annual inspection report reviewed and approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/07/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 08/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 12/30/2002
Comments: Public Comment Period completed. Notice of Exemption finalized and submitted to the State Clearinghouse. DTSC issues concurrence letter for the remedy which is to deed restrict the property. CEQA Notice of Exemption finalized and sent to State Clearinghouse.

EDISON/LONG BEACH III MGP (Continued) **S100848277**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 05/20/1996
Comments: DTSC executes a Consent Order with Southern California Edison and Southern California Gas to complete an RI/FS for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/10/1994
Comments: DTSC enters into a Voluntary Cleanup Agreement with Southern California Edison to conduct a Preliminary Endangerment Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/27/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/30/2000
Comments: DTSC approves the Feasibility Study for the site. DTSC issues comments on the revised Health Risk Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/02/1995
Comments: DTSC reviewed and approved the PEA Report prepared for the Long Beach III site. DTSC recommended that further action is required on the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 09/23/2004
Comments: Signed Deed Restriction lodged with county.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/19/2001
Comments: Additional Soil Sampling Workplan finalized

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/06/2005
Comments: Annual Status report submitted to DTSC indicating that there has been no change in land use and asphalt cap has been maintained.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report

EDISON/LONG BEACH III MGP (Continued) **S100848277**

Completed Date: 05/07/2006
Comments: Annual Status report submitted to DTSC. Report indicates that there has been no change in land use and asphalt cap is well maintained.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/09/2007
Comments: Annual Status report submitted to DTSC. Annual report indicates that the end land use has not changed and that the asphalt cap has been well maintained.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/06/2008
Comments: Annual status report submitted indicates that there was no change in land use and that the ashphalt cover remains intact.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/04/2009
Comments: Annual Status Report for the Former Long Beach III MGP site submitted and approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/17/2013
Comments: Long Beach III MGP 5 Year Review conducted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/04/1999
Comments: Transition to Chapter 6.5 - Amendment to the Existing Consent Order, Docket No. HSA 95/96-047 signed by RPs. John Fielder: 12/11/98 & Robert G. Vogel: 12/21/98.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19490233
Status: Certified / Operation & Maintenance
Status Date: 09/23/2004
Site Code: 400448
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup

EDISON/LONG BEACH III MGP (Continued) **S100848277**

Acres:	5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Tedd Yargeau
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Assembly:	70
Senate:	33
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.77944
Longitude:	-118.2169
APN:	NONE SPECIFIED
Past Use:	MANUFACTURED GAS PLANT
Potential COC:	Arsenic Lead TPH-MOTOR OIL
Confirmed COC:	Arsenic Lead TPH-MOTOR OIL
Potential Description:	SOIL
Alias Name:	BOOK 7436, PAGE 15, PACEL 900, L.A.
Alias Type:	Alternate Name
Alias Name:	SO. CAL EDISON LONG BEACH TOWN GAS PLANT
Alias Type:	Alternate Name
Alias Name:	TOWN GAS PLANT LONG BEACH III
Alias Type:	Alternate Name
Alias Name:	110033618832
Alias Type:	EPA (FRS #)
Alias Name:	400448
Alias Type:	Project Code (Site Code)
Alias Name:	19490233
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Land Use Restriction Monitoring Report
Completed Date:	05/25/2010
Comments:	Annual Inspection report submitted and approved

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Land Use Restriction Monitoring Report
Completed Date:	05/24/2012
Comments:	Annual inspection report reviewed and approved

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Land Use Restriction Monitoring Report
Completed Date:	05/07/2013
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Land Use Restriction Monitoring Report
Completed Date:	08/21/2014
Comments:	Not reported

EDISON/LONG BEACH III MGP (Continued) **S100848277**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 05/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 12/30/2002
Comments: Public Comment Period completed. Notice of Exemption finalized and submitted to the State Clearinghouse. DTSC issues concurrence letter for the remedy which is to deed restrict the property. CEQA Notice of Exemption finalized and sent to State Clearinghouse.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 05/20/1996
Comments: DTSC executes a Consent Order with Southern California Edison and Southern California Gas to complete an RI/FS for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 05/10/1994
Comments: DTSC enters into a Voluntary Cleanup Agreement with Southern California Edison to conduct a Preliminary Endangerment Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/27/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/30/2000
Comments: DTSC approves the Feasibility Study for the site. DTSC issues comments on the revised Health Risk Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report

EDISON/LONG BEACH III MGP (Continued) **S100848277**

Completed Date: 02/02/1995
Comments: DTSC reviewed and approved the PEA Report prepared for the Long Beach III site. DTSC recommended that further action is required on the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 09/23/2004
Comments: Signed Deed Restriction lodged with county.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/19/2001
Comments: Additional Soil Sampling Workplan finalized

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/06/2005
Comments: Annual Status report submitted to DTSC indicating that there has been no change in land use and asphalt cap has been maintained.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/07/2006
Comments: Annual Status report submitted to DTSC. Report indicates that there has been no change in land use and asphalt cap is well maintained.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/09/2007
Comments: Annual Status report submitted to DTSC. Annual report indicates that the end land use has not changed and that the asphalt cap has been well maintained.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/06/2008
Comments: Annual status report submitted indicates that there was no change in land use and that the ashphalt cover remains intact.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/04/2009
Comments: Annual Status Report for the Former Long Beach III MGP site submitted and approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/17/2013

EDISON/LONG BEACH III MGP (Continued) **S100848277**

Comments: Long Beach III MGP 5 Year Review conducted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/04/1999
Comments: Transition to Chapter 6.5 - Amendment to the Existing Consent Order, Docket No. HSA 95/96-047 signed by RPs. John Fielder: 12/11/98 & Robert G. Vogel: 12/21/98.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

---

227 West 1/2-1 0.910 mi. 4806 ft. | **BEAR STATE ELECTRICAL CO INC** | **CA ENVIROSTOR** | **1000351863**
2105 WEST COWLES STREET | **N/A**
LONG BEACH, CA 90813

Relative: Lower

Actual: 7 ft.

ENVIROSTOR:
Facility ID: 19360096
Status: Refer: Other Agency
Status Date: 08/31/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 70
Senate: 33
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.78491
Longitude: -118.2199
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * Metals - Other Inorganic Solid Waste * DETERGENT & SOAP * WASTE OIL & MIXED OIL Polychlorinated biphenyls (PCBs
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BEAR STATE SERVICE CENTER
Alias Type: Alternate Name
Alias Name: JAIDE CAR COMPANY
Alias Type: Alternate Name

BEAR STATE ELECTRICAL CO INC (Continued) **1000351863**

Alias Name: RELIANCE ELECTRIC CO
Alias Type: Alternate Name
Alias Name: CAD980888952
Alias Type: EPA Identification Number
Alias Name: CAX000113555
Alias Type: HWTS Identification Code
Alias Name: 19360096
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/27/1991
Comments: EPA Screening Site Inspection Reassessment recommended NFA. No Further Action for DTSC; recommend referral to City of Long Beach.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/14/1982
Comments: Facility identified from Pac Tel Business Directory 1971.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

---

228 **PETRO DIAMOND MARINE TERMINAL** **CA NPDES** **S103638623**
WSW **1920 LUGGER WAY** **CA HIST CORTESE** **N/A**
1/2-1 **LONG BEACH, CA 90813** **CA LUST**
0.955 mi. **CA ENF**
5043 ft. **CA ENVIROSTOR**

Relative:
Higher

Actual:
14 ft.

NPDES:
Npdes Number: CAG674001
Facility Status: Active
Agency Id: 35752
Region: 4
Regulatory Measure Id: 298655
Order No: R4-2009-0068
Regulatory Measure Type: Enrollee
Place Id: 250273
WDID: 4B196300164
Program Type: NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 05/13/2004
Expiration Date Of Regulatory Measure: 06/04/2014
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Petro Diamond Terminal Company
Discharge Address: 1100 Main Street 2nd Floor
Discharge City: Irvine
Discharge State: CA

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

Discharge Zip:	92614-6714
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

Npdes Number:	CA0059358
Facility Status:	Historical
Agency Id:	35752
Region:	4
Regulatory Measure Id:	347043
Order No:	R4-2008-0016
Regulatory Measure Type:	NPDES Permits
Place Id:	242342
WDID:	4B192197001
Program Type:	NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure:	04/03/2008
Effective Date Of Regulatory Measure:	05/03/2008
Expiration Date Of Regulatory Measure:	03/10/2013
Termination Date Of Regulatory Measure:	04/30/2014
Discharge Name:	Petro Diamond Terminal Company
Discharge Address:	1100 Main Street 2nd Floor
Discharge City:	Irvine
Discharge State:	CA
Discharge Zip:	92614-6714
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	CA0059358
Facility Status:	Active
Agency Id:	35752
Region:	4
Regulatory Measure Id:	387171
Order No:	R4-2014-0031
Regulatory Measure Type:	NPDES Permits
Place Id:	242342
WDID:	4B192197001
Program Type:	NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure:	03/06/2014
Effective Date Of Regulatory Measure:	05/01/2014
Expiration Date Of Regulatory Measure:	06/30/2019
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Petro Diamond Terminal Company
Discharge Address:	1100 Main Street 2nd Floor
Discharge City:	Irvine
Discharge State:	CA
Discharge Zip:	92614-6714
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	908130261

LUST:

Region:	STATE
Global Id:	T0603701940
Latitude:	33.776694
Longitude:	-118.2192058
Case Type:	LUST Cleanup Site
Status:	Open - Remediation
Status Date:	01/21/2002
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JH
Local Agency:	LONG BEACH, CITY OF
RB Case Number:	908130261

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603701940
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701940
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

Status History:

Global Id:	T0603701940
Status:	Open - Case Begin Date
Status Date:	01/10/1986

Global Id:	T0603701940
Status:	Open - Remediation
Status Date:	07/24/2001

Global Id:	T0603701940
Status:	Open - Remediation
Status Date:	01/21/2002

Global Id:	T0603701940
Status:	Open - Site Assessment
Status Date:	01/10/1986

Global Id:	T0603701940
Status:	Open - Site Assessment
Status Date:	03/23/1992

Global Id:	T0603701940
Status:	Open - Site Assessment
Status Date:	08/12/1999

Regulatory Activities:

Global Id:	T0603701940
Action Type:	RESPONSE
Date:	01/15/2005
Action:	Monitoring Report - Quarterly

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

Global Id: T0603701940
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603701940
Action Type: REMEDIATION
Date: 07/27/2004
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603701940
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603701940
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

Date:	07/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	01/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603701940
Action Type:	Other
Date:	11/02/1992
Action:	Leak Reported
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	10/15/2005
Action:	Monitoring Report - Quarterly
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	04/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	07/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603701940
Action Type:	ENFORCEMENT
Date:	08/12/1999
Action:	Staff Letter
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	01/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Monitoring Report - Quarterly
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	04/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	07/15/2012
Action:	Monitoring Report - Semi-Annually

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

Global Id: T0603701940
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603701940
Action Type: RESPONSE
Date: 05/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603701940
Action Type: RESPONSE
Date: 12/16/2008
Action: Monitoring Report - Semi-Annually

Global Id: T0603701940
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 05/16/2008
Action: Monitoring Report - Quarterly

Global Id: T0603701940
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603701940
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701940
Action Type: RESPONSE
Date: 07/31/2002
Action: Other Report / Document

Global Id: T0603701940
Action Type: ENFORCEMENT
Date: 06/21/2002
Action: Staff Letter

Global Id: T0603701940
Action Type: RESPONSE

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

Date:	07/15/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	04/15/2002
Action:	Monitoring Report - Quarterly
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	01/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603701940
Action Type:	RESPONSE
Date:	07/15/2014
Action:	Monitoring Report - Semi-Annually

ENF:

Region:	4
Facility Id:	242342
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	33.776801
Place Longitude:	-118.219305
SIC Code 1:	5171
SIC Desc 1:	Petroleum Bulk Stations and Terminals
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	253431
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	05/18/2004
Adoption/Issuance Date:	05/18/2004
Achieve Date:	Not reported
Termination Date:	05/18/2004
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 5/18/04 for overdue 1Q04 DMR
Description:	NOV sent 5/18/04 for overdue 1Q04 DMR.
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0.00
Initial Assessed Amount:	0.00
Liability $ Amount:	0.00
Project $ Amount:	0.00
Liability $ Paid:	0.00
Project $ Completed:	0.00
Total $ Paid/Completed Amount:	0.00

Region:	4
Facility Id:	242342
Agency Name:	Petro Diamond Terminal Company
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

# Of Agencies:	1
Place Latitude:	33.776801
Place Longitude:	-118.219305
SIC Code 1:	5171
SIC Desc 1:	Petroleum Bulk Stations and Terminals
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.06
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Stormwater runoff
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192197001
Reg Measure Id:	132049
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	R4-2002-0150
Npdes# CA#:	CA0059358
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	03/17/2014
Effective Date:	09/26/2002
Expiration/Review Date:	09/26/2007
Termination Date:	05/02/2008
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	353081

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

Region:	4
Order / Resolution Number:	R4-2008-0071-M
Enforcement Action Type:	Admin Civil Liability
Effective Date:	09/23/2008
Adoption/Issuance Date:	01/22/2009
Achieve Date:	Not reported
Termination Date:	02/02/2009
ACL Issuance Date:	09/23/2008
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Expedited Settlement Ltr sent 9/23/08 for 3 late monitoring reports.
Description:	Expedited Settlement Ltr sent 9/23/08 for 3 late monitoring reports. MMP amt for 3 late reports: $9.000 to CAA.
Program:	NPDESWW
Latest Milestone Completion Date:	3/2/2009
# Of Programs1:	1
Total Assessment Amount:	9,000.00
Initial Assessed Amount:	9,000.00
Liability $ Amount:	9,000.00
Project $ Amount:	0.00
Liability $ Paid:	9,000.00
Project $ Completed:	0.00
Total $ Paid/Completed Amount:	9,000.00

Region:	4
Facility Id:	242342
Agency Name:	Petro Diamond Terminal Company
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.776801
Place Longitude:	-118.219305
SIC Code 1:	5171
SIC Desc 1:	Petroleum Bulk Stations and Terminals
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.06
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Stormwater runoff
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192197001
Reg Measure Id:	135524
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	95-009
Npdes# CA#:	CA0059358
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	01/23/1995
Effective Date:	01/23/1995
Expiration/Review Date:	12/10/1999
Termination Date:	09/25/2002
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	333348
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	09/28/2007
Adoption/Issuance Date:	09/28/2007
Achieve Date:	Not reported
Termination Date:	09/28/2007
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 9/28/07 for various effluent & reporting violations.
Description:	NOV sent 9/28/07 for various effluent & reporting violations: 2 overdue DMRs; 5 late DMRs; 29 report deficiencies.
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0.00
Initial Assessed Amount:	0.00
Liability $ Amount:	0.00
Project $ Amount:	0.00
Liability $ Paid:	0.00
Project $ Completed:	0.00
Total $ Paid/Completed Amount:	0.00

PETRO DIAMOND MARINE TERMINAL (Continued) **S103638623**

ENVIROSTOR:

Facility ID:	71002369
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	70
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.77679
Longitude:	-118.2192
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD040954521
Alias Type:	EPA Identification Number
Alias Name:	71002369
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase I Verification
Completed Date:	10/14/1998
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

229 East 1/2-1 0.993 mi. 5245 ft.

ROOSEVELT ELEMENTARY SCHOOL
1574 LINDEN AVENUE
LONG BEACH, CA 90813

CA SCH **S102806961**
CA NPDES **N/A**
CA ENVIROSTOR

Relative: Higher

Actual: 36 ft.

SCH:

Facility ID:	60001492
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Ivy Osornio
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404863
Assembly:	70
Senate:	33
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	01/17/2012
Restricted Use:	NO
Funding:	School District
Latitude:	33.7865
Longitude:	-118.186
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA, SCHOOL - ELEMENTARY
Potential COC:	Under Investigation
Confirmed COC:	NONE SPECIFIED
Potential Description:	UE
Alias Name:	404863
Alias Type:	Project Code (Site Code)
Alias Name:	60001492
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	07/25/2011
Comments:	DTSC issued a Phase I Addendum required determination based on the Phase I report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Addendum
Completed Date:	01/12/2012
Comments:	DTSC approved the Phase I Addendum with a No Further Action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/13/2012
Comments:	DTSC prepared a project closeout Cost Recovery Unit Memorandum

ROOSEVELT ELEMENTARY SCHOOL (Continued) **S102806961**

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

NPDES:

Npdes Number:	CAS000002
Facility Status:	Terminated
Agency Id:	0
Region:	4
Regulatory Measure Id:	429122
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19C364095
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/17/2012
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	03/20/2013
Discharge Name:	Long Beach Unified School District
Discharge Address:	2425 Webster Avenue
Discharge City:	Long Beach
Discharge State:	California
Discharge Zip:	90810
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported

ROOSEVELT ELEMENTARY SCHOOL (Continued) **S102806961**

DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	439655
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19C367902
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/04/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Long Beach Unified School District
Discharge Address:	2425 Webster Avenue
Discharge City:	Long Beach
Discharge State:	California
Discharge Zip:	90810
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported

ROOSEVELT ELEMENTARY SCHOOL (Continued) **S102806961**

FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	439655
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported

ROOSEVELT ELEMENTARY SCHOOL (Continued) **S102806961**

WDID:	4 19C367902
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	10/03/2013
PROCESSED DATE:	10/04/2013
STATUS CODE NAME:	Active
STATUS DATE:	10/04/2013
PLACE SIZE:	4.41
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Tom Rizzuti
FACILITY CONTACT TITLE:	Administrative Coordinator
FACILITY CONTACT PHONE:	562-997-7552
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	trizzuti@lbschools.net
OPERATOR NAME:	Long Beach Unified School District
OPERATOR ADDRESS:	2425 Webster Avenue
OPERATOR CITY:	Long Beach
OPERATOR STATE:	California
OPERATOR ZIP:	90810
OPERATOR CONTACT NAME:	Tom Rizzuti
OPERATOR CONTACT TITLE:	Administrative Coordinator
OPERATOR CONTACT PHONE:	562-997-7552
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	trizzuti@lbschools.net
OPERATOR TYPE:	Special District
DEVELOPER NAME:	Tilden Coil Constructors
DEVELOPER ADDRESS:	3612 Mission Inn Avenue
DEVELOPER CITY:	Riverside
DEVELOPER STATE:	California
DEVELOPER ZIP:	92501
DEVELOPER CONTACT NAME:	David Joseph
DEVELOPER CONTACT TITLE:	Superintendent
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	N
CONSTYPE BELOW GROUND IND:	N
CONSTYPE CABLE LINE IND:	N
CONSTYPE COMM LINE IND:	N
CONSTYPE COMMERTIAL IND:	N
CONSTYPE ELECTRICAL LINE IND:	N
CONSTYPE GAS LINE IND:	N
CONSTYPE INDUSTRIAL IND:	N
CONSTYPE OTHER DESRIPTION:	Public Elementary School
CONSTYPE OTHER IND:	Y
CONSTYPE RECONS IND:	N
CONSTYPE RESIDENTIAL IND:	N
CONSTYPE TRANSPORT IND:	N
CONSTYPE UTILITY DESCRIPTION:	Not reported

ROOSEVELT ELEMENTARY SCHOOL (Continued) **S102806961**

CONSTYPE UTILITY IND:	N
CONSTYPE WATER SEWER IND:	N
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Tom Rizzuti
CERTIFIER TITLE:	Administrative Coordinator
CERTIFICATION DATE:	13-MAY-14
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	429122
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	4 19C364095
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	03/20/2013
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	07/16/2012
PROCESSED DATE:	07/17/2012
STATUS CODE NAME:	Terminated
STATUS DATE:	07/29/2013
PLACE SIZE:	4.43
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Robert Krzyszkowski
FACILITY CONTACT TITLE:	Project Superintendent
FACILITY CONTACT PHONE:	951-538-8352
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	rkrzyszkowski@tilden-coil.com
OPERATOR NAME:	Long Beach Unified School District
OPERATOR ADDRESS:	2425 Webster Avenue
OPERATOR CITY:	Long Beach
OPERATOR STATE:	California
OPERATOR ZIP:	90810
OPERATOR CONTACT NAME:	Vince Marchetti
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	562-997-7550
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	vmarchetti@lbschools.net
OPERATOR TYPE:	Special District
DEVELOPER NAME:	Tilden Coil Constructors
DEVELOPER ADDRESS:	3612 Mission Inn Avenue
DEVELOPER CITY:	Riverside
DEVELOPER STATE:	California
DEVELOPER ZIP:	92501

ROOSEVELT ELEMENTARY SCHOOL (Continued) **S102806961**

DEVELOPER CONTACT NAME:	Robert Krzyszkowski
DEVELOPER CONTACT TITLE:	Project Superintendent
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	951-684-5901
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Public Elementary School
CONSTYPE OTHER IND:	Y
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Vince Marchetti
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	16-JUL-12
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

ENVIROSTOR:

Facility ID:	60001492
Status:	No Further Action
Status Date:	01/17/2012
Site Code:	404863
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Ivy Osornio
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	70
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.7865
Longitude:	-118.186
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA, SCHOOL - ELEMENTARY
Potential COC:	Under Investigation
Confirmed COC:	NONE SPECIFIED
Potential Description:	UE

ROOSEVELT ELEMENTARY SCHOOL (Continued) **S102806961**

Alias Name: 404863
Alias Type: Project Code (Site Code)
Alias Name: 60001492
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 07/25/2011
Comments: DTSC issued a Phase I Addendum required determination based on the Phase I report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 01/12/2012
Comments: DTSC approved the Phase I Addendum with a No Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/13/2012
Comments: DTSC prepared a project closeout Cost Recovery Unit Memorandum

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 26 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CARSON	1003878479	TCL DUMP	TERMINAL ISL FWY & ANAHEIM ST	90810	CERC-NFRAP
LONG BEACH	S111413303		IN ALLEY BEHIND 6740 PARAMOUNT	90813	CA CDL
LONG BEACH	S107537493		ALLEY BEHIND 1608 PINE AVE	90806	CA CDL
LONG BEACH	S107537506		ALLEY, REAR OF 6712 GARDENIA	90810	CA CDL
LONG BEACH	S116680376	GAS STATION	490 ANAHEIM ST W	90813	CA LUST
LONG BEACH	U003660238	CITY OF L.B. RECREATION PARK GC	5000 E ANAHEIM ST		CA LUST, CA UST
LONG BEACH	S107529977		1819 ANAHEIM ST	90810	CA CDL
LONG BEACH	S105911442	GLENN E. THOMAS AUTO (FORMER)	340 ANAHEIM	90813	CA SLIC
LONG BEACH	S109821571	ASCON CONSTRUCTION - LONG BEACH	2725 ATLANTIC AVE., LONG BEACH		CA SWF/LF
LONG BEACH	S115779963	ROOSEVELT ELEMENTARY SCHOOL - SOUT	SW CORNER OF ATLANTIC AVE. & 1	90813	CA SCH, CA ENVIROSTOR
LONG BEACH	U003660592	DOUGLAS BROS PRODUCE CO	0648 W COWLES ST		CA HIST CORTESE, CA LUST, CA US
LONG BEACH	S107535929		710 FREEWAY & PACIFIC COAST HW		CA CDL
LONG BEACH	1000238243	HUGH J RESINS CO	2267 W GAYLORD	90813	CERC-NFRAP, CORRACTS, RCRA-S
					RAATS, CA HAZNET
LONG BEACH	S102360870	WEISSKER, HERMAN INC.	ORANGE ST. & SPRING ST., LONG		CA SWF/LF
LONG BEACH	S105721795	STATEWIDE BUSINESS PARK	SAN DIEGO	90806	CA SLIC
LONG BEACH	S111076046	PUBLIC SERVICE TRANSFER STATION #1	EAST SIDE OF 710 FWY BETWEEN A	90806	CA SWF/LF
WILMINGTON	S107737808		ALLEY, BEHIND 1720 FRIES AVE	90744	CA CDL
WILMINGTON	S107869647	ACTA PARCEL PS-1524	ANAHEIM STREET PUMP STATION	90744	CA SLIC
WILMINGTON	S106387067	WILMINGTON TOWN LOT #369, 371, 372	ANAHEIM	90744	CA SLIC
WILMINGTON	S106387123	ACTA SOUTH - PARCEL PCH-1537	1640 PACIFIC COAST	90744	CA SLIC
WILMINGTON	S107472917	EXPRESS DIESEL	1430 PACIFIC COAST HWY	90744	CA LUST
WILMINGTON	S106387096	ACTA SOUTH - PCH GRADE SEPARATION	PACIFIC COAST	90744	CA SLIC
WILMINGTON	S106387125	ACTA SOUTH - PARCEL PCH-1539	1710 PACIFIC COAST	90744	CA SLIC
WILMINGTON	S106387124	ACTA SOUTH - PARCEL PCH-1538	1700 PACIFIC COAST	90744	CA SLIC
WILMINGTON	S106483368	ACTA PARCEL PCH-1542	1828, 1830 PACIFIC COAST	90744	CA SLIC
WILMINGTON	S107540558		SAMPSON ST NORTH OF ANAHEIM	90744	CA CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/16/2014
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: EPA
Telephone: N/A
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 63

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 05/04/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 05/14/2015
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 05/04/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 05/14/2015
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/20/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 16

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 01/28/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 32

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/10/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 31

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/03/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/29/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 05/04/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 05/14/2015
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/23/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/24/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/23/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 05/04/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 05/14/2015
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/14/2015
Date Data Arrived at EDR: 04/29/2015
Date Made Active in Reports: 05/21/2015
Number of Days to Update: 22

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 12/30/2014
Date Data Arrived at EDR: 12/31/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/03/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 01/29/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/04/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/07/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 26

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/29/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 45

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/20/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/20/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/31/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 10

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 02/18/2015
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/12/2015
Number of Days to Update: 20

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 12

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 35

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/17/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/27/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/22/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 14

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/30/2015
Date Data Arrived at EDR: 05/01/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 12

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: N/A

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 6

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/16/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/09/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/28/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/14/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 01/21/2015
Date Data Arrived at EDR: 01/28/2015
Date Made Active in Reports: 02/26/2015
Number of Days to Update: 29

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List
Cupa Facility List

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/24/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 7

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 11/20/2014
Date Data Arrived at EDR: 11/24/2014
Date Made Active in Reports: 01/07/2015
Number of Days to Update: 44

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 04/17/2015
Date Data Arrived at EDR: 04/21/2015
Date Made Active in Reports: 05/07/2015
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/11/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 24

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 05/19/2015
Date Data Arrived at EDR: 05/22/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 14

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 7

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/06/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/27/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 15

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 11/12/2014
Date Made Active in Reports: 12/19/2014
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 18

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/21/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/05/2015
Date Data Arrived at EDR: 05/07/2015
Date Made Active in Reports: 05/20/2015
Number of Days to Update: 13

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/04/2015
Number of Days to Update: 33

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/20/2015
Date Data Arrived at EDR: 04/20/2015
Date Made Active in Reports: 05/07/2015
Number of Days to Update: 17

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/20/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015
Date Data Arrived at EDR: 01/29/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 40

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 03/06/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 16

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/14/2015
Date Data Arrived at EDR: 04/23/2015
Date Made Active in Reports: 05/11/2015
Number of Days to Update: 18

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/15/2015
Number of Days to Update: 17

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014
Date Data Arrived at EDR: 10/22/2014
Date Made Active in Reports: 12/15/2014
Number of Days to Update: 54

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 05/05/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 10

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 03/06/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 4

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/19/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/12/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 18

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 24

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 27

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 30

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2015
Date Data Arrived at EDR: 03/12/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/21/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/28/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/28/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 04/16/2015
Number of Days to Update: 8

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/08/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/02/2015
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/10/2015
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/12/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014
Number of Days to Update: 38

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/03/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/24/2015
Date Data Arrived at EDR: 03/25/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 6

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/10/2015
Number of Days to Update: 15

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/20/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/13/2015
Date Data Arrived at EDR: 04/15/2015
Date Made Active in Reports: 04/23/2015
Number of Days to Update: 8

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/15/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/16/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 7

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 02/23/2015
Date Data Arrived at EDR: 02/25/2015
Date Made Active in Reports: 03/03/2015
Number of Days to Update: 6

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/01/2015
Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/07/2015
Date Data Arrived at EDR: 05/12/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 27

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/07/2015
Next Scheduled EDR Contact: 08/24/2015
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/22/2015
Date Data Arrived at EDR: 05/26/2015
Date Made Active in Reports: 06/08/2015
Number of Days to Update: 13

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/22/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/11/2015
Date Data Arrived at EDR: 03/13/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 11

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 03/24/2015
Number of Days to Update: 5

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015
Date Data Arrived at EDR: 03/20/2015
Date Made Active in Reports: 03/31/2015
Number of Days to Update: 11

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 03/31/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/10/2015
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/18/2015
Number of Days to Update: 8

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/05/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/05/2015
Date Data Arrived at EDR: 05/07/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 6

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/27/2015
Date Data Arrived at EDR: 05/22/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 14

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/02/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 04/27/2015
Date Data Arrived at EDR: 04/29/2015
Date Made Active in Reports: 05/13/2015
Number of Days to Update: 14

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2015
Date Data Arrived at EDR: 03/18/2015
Date Made Active in Reports: 03/26/2015
Number of Days to Update: 8

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/18/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2015
Date Data Arrived at EDR: 04/01/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 12

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/23/2015
Next Scheduled EDR Contact: 07/06/2015
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/18/2015
Date Data Arrived at EDR: 05/19/2015
Date Made Active in Reports: 06/05/2015
Number of Days to Update: 17

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2015
Next Scheduled EDR Contact: 08/31/2015
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 04/29/2015
Date Made Active in Reports: 05/29/2015
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2015
Date Data Arrived at EDR: 05/06/2015
Date Made Active in Reports: 05/20/2015
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/06/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/26/2015
Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2015
Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Annually

Oil/Gas Pipelines:
Source: PennWell Corporation
Telephone: 800-823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: 800-823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER LONG BEACH PUBLIC SERVICE YARD
SAN FRANCISCO AVE/W ANAHEIM ST
LONG BEACH, CA 90813

TARGET PROPERTY COORDINATES

Latitude (North):	33.7843 - 33˚ 47' 3.48''
Longitude (West):	118.2038 - 118˚ 12' 13.68''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	388545.8
UTM Y (Meters):	3738697.5
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33118-G2 LONG BEACH (DIGITAL), CA
Most Recent Revision:	1964

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

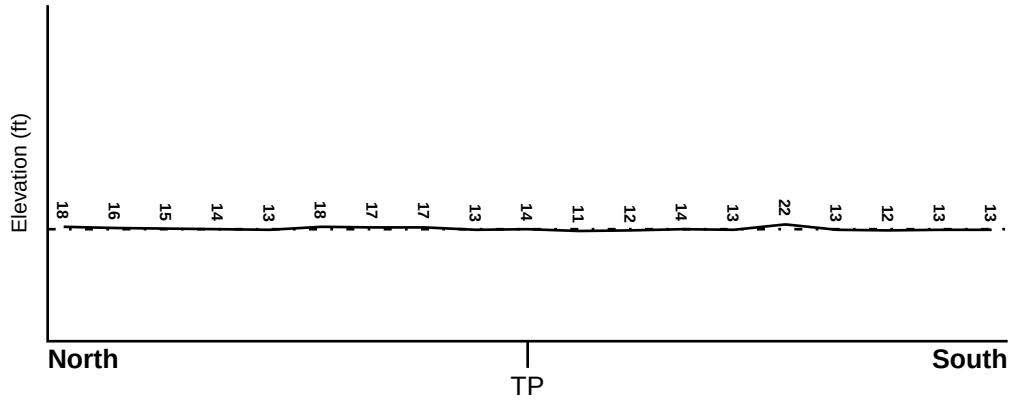
TOPOGRAPHIC INFORMATION

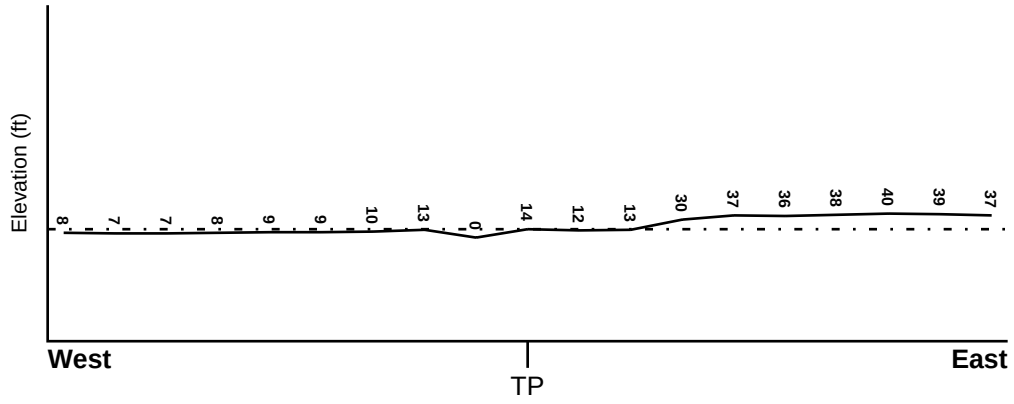
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 14 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	06037C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NORTH LONG BEACH (OE)	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile WNW
Site Name:	CROSBY & OVERTON
Site EPA ID Number:	CAD028409019
Surficial Aquifer Flow Dir.:	NOT AVAILABLE FOR THE PERCHED AQUIFER.
Measured Depth to Water:	10.5 to 11.5 feet in the perched zone.
Hydraulic Connection:	The site is underlain by fine sand with mica to 9 feet, 2 feet of clay, and fine sand with mica to a depth of 20 feet at the terminus of borings. The perched aquifer zone at the site is saline and is fed by the Pacific Ocean.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/8 - 1/4 Mile SE	SSE
2	1/8 - 1/4 Mile ENE	SW
4	1/4 - 1/2 Mile NW	NW
7	1/2 - 1 Mile NE	NNW
8	1/2 - 1 Mile NW	N
11	1/2 - 1 Mile East	Not Reported
12	1/2 - 1 Mile West	Varies
13	1/2 - 1 Mile West	Not Reported
14	1/2 - 1 Mile West	NNW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	URBAN LAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types: fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types: stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A5	USGS40000138170	1/4 - 1/2 Mile WNW
A6	USGS40000138169	1/4 - 1/2 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	CADW50000003188	1/4 - 1/2 Mile WSW
A9	CADW50000003209	1/2 - 1 Mile WNW
A10	CADW50000003208	1/2 - 1 Mile WNW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAOG11000189275	1/8 - 1/4 Mile WNW
A2	CAOG11000189276	1/8 - 1/4 Mile WNW
A3	CAOG11000189277	1/8 - 1/4 Mile WNW
A4	CAOG11000189278	1/8 - 1/4 Mile WNW
A5	CAOG11000189279	1/8 - 1/4 Mile WNW
A6	CAOG11000189280	1/8 - 1/4 Mile WNW
A7	CAOG11000189281	1/8 - 1/4 Mile WNW
A8	CAOG11000189282	1/8 - 1/4 Mile WNW
A9	CAOG11000189283	1/8 - 1/4 Mile WNW
A10	CAOG11000189086	1/8 - 1/4 Mile WNW
A11	CAOG11000189284	1/8 - 1/4 Mile WNW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A12	CAOG11000189285	1/8 - 1/4 Mile WNW
A13	CAOG11000189087	1/8 - 1/4 Mile WNW
A14	CAOG11000189286	1/8 - 1/4 Mile WNW
A15	CAOG11000189089	1/8 - 1/4 Mile WNW
A16	CAOG11000189287	1/8 - 1/4 Mile WNW
A17	CAOG11000189090	1/8 - 1/4 Mile WNW
A18	CAOG11000189288	1/8 - 1/4 Mile WNW
A19	CAOG11000189289	1/8 - 1/4 Mile WNW
A20	CAOG11000189290	1/8 - 1/4 Mile WNW
A21	CAOG11000189260	1/8 - 1/4 Mile WNW
A22	CAOG11000189261	1/8 - 1/4 Mile WNW
A23	CAOG11000189262	1/8 - 1/4 Mile WNW
A24	CAOG11000189263	1/8 - 1/4 Mile WNW
A25	CAOG11000189264	1/8 - 1/4 Mile WNW
A26	CAOG11000189265	1/8 - 1/4 Mile WNW
A27	CAOG11000189266	1/8 - 1/4 Mile WNW
A28	CAOG11000189267	1/8 - 1/4 Mile WNW
A29	CAOG11000189268	1/8 - 1/4 Mile WNW
A30	CAOG11000189269	1/8 - 1/4 Mile WNW
A31	CAOG11000189270	1/8 - 1/4 Mile WNW
A32	CAOG11000189271	1/8 - 1/4 Mile WNW
A33	CAOG11000189272	1/8 - 1/4 Mile WNW
A34	CAOG11000189273	1/8 - 1/4 Mile WNW
A35	CAOG11000189085	1/8 - 1/4 Mile WNW
A36	CAOG11000189274	1/8 - 1/4 Mile WNW
A37	CAOG11000189088	1/8 - 1/4 Mile WNW
A38	CAOG11000202372	1/8 - 1/4 Mile WNW
A39	CAOG11000202955	1/4 - 1/2 Mile WNW
B40	CAOG11000203124	1/4 - 1/2 Mile SSW
B41	CAOG11000189377	1/4 - 1/2 Mile SW
B42	CAOG11000189378	1/4 - 1/2 Mile SW
B43	CAOG11000202956	1/4 - 1/2 Mile SW
B44	CAOG11000193165	1/4 - 1/2 Mile SSW
B45	CAOG11000261326	1/4 - 1/2 Mile SSW
B46	CAOG11000261653	1/4 - 1/2 Mile SSW
C47	CAOG11000189331	1/4 - 1/2 Mile SSW
C48	CAOG11000261652	1/4 - 1/2 Mile SSW
C49	CAOG11000189340	1/4 - 1/2 Mile SSW
C50	CAOG11000261651	1/4 - 1/2 Mile SSW
C51	CAOG11000261650	1/4 - 1/2 Mile SSW
C52	CAOG11000189339	1/4 - 1/2 Mile SSW
C53	CAOG11000217210	1/4 - 1/2 Mile SSW
C54	CAOG11000189332	1/4 - 1/2 Mile SSW
C55	CAOG11000189333	1/4 - 1/2 Mile SSW
C56	CAOG11000261649	1/4 - 1/2 Mile SSW
C57	CAOG11000261648	1/4 - 1/2 Mile SSW
C58	CAOG11000261647	1/4 - 1/2 Mile SSW
C59	CAOG11000261327	1/4 - 1/2 Mile SSW
C60	CAOG11000193011	1/4 - 1/2 Mile SSW
C61	CAOG11000261646	1/4 - 1/2 Mile SSW
C62	CAOG11000189337	1/4 - 1/2 Mile SSW
C63	CAOG11000189338	1/4 - 1/2 Mile SSW
C64	CAOG11000261645	1/4 - 1/2 Mile SSW
C66	CAOG11000189336	1/4 - 1/2 Mile SSW
C65	CAOG11000189335	1/4 - 1/2 Mile SSW
C67	CAOG11000261644	1/4 - 1/2 Mile SSW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C68	CAOG11000261643	1/4 - 1/2 Mile SSW
69	CAOG11000189259	1/4 - 1/2 Mile WNW
D70	CAOG11000202983	1/4 - 1/2 Mile SW
C71	CAOG11000189250	1/4 - 1/2 Mile SSW
C72	CAOG11000193784	1/4 - 1/2 Mile SSW
D73	CAOG11000202262	1/4 - 1/2 Mile SW
D74	CAOG11000201281	1/4 - 1/2 Mile SSW
D75	CAOG11000189258	1/4 - 1/2 Mile SW
D76	CAOG11000193570	1/4 - 1/2 Mile SW
E77	CAOG11000189254	1/4 - 1/2 Mile WSW
F78	CAOG11000189255	1/4 - 1/2 Mile SW
D79	CAOG11000201282	1/4 - 1/2 Mile SW
D80	CAOG11000202940	1/4 - 1/2 Mile SW
F81	CAOG11000202868	1/2 - 1 Mile SW
G82	CAOG11000189247	1/2 - 1 Mile SSW
G83	CAOG11000189248	1/2 - 1 Mile SSW
H85	CAOG11000189257	1/2 - 1 Mile SW
H84	CAOG11000189256	1/2 - 1 Mile SW
86	CAOG11000201280	1/2 - 1 Mile SSW
H87	CAOG11000202371	1/2 - 1 Mile SW
G88	CAOG11000189249	1/2 - 1 Mile SSW
E89	CAOG11000189253	1/2 - 1 Mile WSW
F90	CAOG11000201239	1/2 - 1 Mile SW
G91	CAOG11000189251	1/2 - 1 Mile SSW
G92	CAOG11000189252	1/2 - 1 Mile SSW
G93	CAOG11000203145	1/2 - 1 Mile SSW
F94	CAOG11000202938	1/2 - 1 Mile SW
G95	CAOG11000189334	1/2 - 1 Mile SSW
H96	CAOG11000202939	1/2 - 1 Mile SW
H97	CAOG11000189598	1/2 - 1 Mile SW
G98	CAOG11000189330	1/2 - 1 Mile SSW
G99	CAOG11000189329	1/2 - 1 Mile SSW
G100	CAOG11000189342	1/2 - 1 Mile SSW
I101	CAOG11000193526	1/2 - 1 Mile SW
J102	CAOG11000189210	1/2 - 1 Mile SW
103	CAOG11000202937	1/2 - 1 Mile SSW
J104	CAOG11000201184	1/2 - 1 Mile SSW
J105	CAOG11000189211	1/2 - 1 Mile SSW
K106	CAOG11000203019	1/2 - 1 Mile WSW
J107	CAOG11000202730	1/2 - 1 Mile SSW
I108	CAOG11000202812	1/2 - 1 Mile SW
L109	CAOG11000203198	1/2 - 1 Mile SSW
K110	CAOG11000202811	1/2 - 1 Mile WSW
M111	CAOG11000193147	1/2 - 1 Mile SSW
K112	CAOG11000189234	1/2 - 1 Mile WSW
K113	CAOG11000189235	1/2 - 1 Mile WSW
J114	CAOG11000202706	1/2 - 1 Mile SSW
M115	CAOG11000193131	1/2 - 1 Mile SSW
116	CAOG11000202729	1/2 - 1 Mile SW
M117	CAOG11000189341	1/2 - 1 Mile SSW
J118	CAOG11000203237	1/2 - 1 Mile SSW
J119	CAOG11000202708	1/2 - 1 Mile SSW
M120	CAOG11000189413	1/2 - 1 Mile SSW
M121	CAOG11000189412	1/2 - 1 Mile SSW
M122	CAOG11000189411	1/2 - 1 Mile SSW
M123	CAOG11000189410	1/2 - 1 Mile SSW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
M124	CAOG11000189409	1/2 - 1 Mile SSW
M125	CAOG11000202268	1/2 - 1 Mile SSW
M126	CAOG11000189408	1/2 - 1 Mile SSW
M127	CAOG11000189407	1/2 - 1 Mile SSW
M128	CAOG11000189406	1/2 - 1 Mile SSW
M129	CAOG11000189404	1/2 - 1 Mile SSW
M130	CAOG11000189405	1/2 - 1 Mile SSW
M131	CAOG11000189403	1/2 - 1 Mile SSW
M132	CAOG11000189401	1/2 - 1 Mile SSW
M133	CAOG11000189402	1/2 - 1 Mile SSW
134	CAOG11000202370	1/2 - 1 Mile WSW
N135	CAOG11000202809	1/2 - 1 Mile WSW
M137	CAOG11000189400	1/2 - 1 Mile SSW
M136	CAOG11000189399	1/2 - 1 Mile SSW
M138	CAOG11000189398	1/2 - 1 Mile SSW
M139	CAOG11000189397	1/2 - 1 Mile SSW
M140	CAOG11000189396	1/2 - 1 Mile SSW
M141	CAOG11000189395	1/2 - 1 Mile SSW
L142	CAOG11000202369	1/2 - 1 Mile SSW
O143	CAOG11000202807	1/2 - 1 Mile WSW
M144	CAOG11000189394	1/2 - 1 Mile SSW
145	CAOG11000204827	1/2 - 1 Mile NNE
M146	CAOG11000189393	1/2 - 1 Mile SSW
M147	CAOG11000189392	1/2 - 1 Mile SSW
P148	CAOG11000202728	1/2 - 1 Mile SW
N149	CAOG11000202808	1/2 - 1 Mile WSW
Q150	CAOG11000202705	1/2 - 1 Mile SSW
Q151	CAOG11000202704	1/2 - 1 Mile SSW
R152	CAOG11000189033	1/2 - 1 Mile SSW
R153	CAOG11000189034	1/2 - 1 Mile SSW
R154	CAOG11000189035	1/2 - 1 Mile SSW
N155	CAOG11000202810	1/2 - 1 Mile WSW
R156	CAOG11000189036	1/2 - 1 Mile SSW
R157	CAOG11000189037	1/2 - 1 Mile SSW
R158	CAOG11000189246	1/2 - 1 Mile SSW
R159	CAOG11000189379	1/2 - 1 Mile SSW
S160	CAOG11000189083	1/2 - 1 Mile SSW
R161	CAOG11000189380	1/2 - 1 Mile SSW
T162	CAOG11000202725	1/2 - 1 Mile WSW
R163	CAOG11000189381	1/2 - 1 Mile SSW
R164	CAOG11000189382	1/2 - 1 Mile SSW
R165	CAOG11000189383	1/2 - 1 Mile SSW
R166	CAOG11000189384	1/2 - 1 Mile SSW
R167	CAOG11000189385	1/2 - 1 Mile SSW
R169	CAOG11000214123	1/2 - 1 Mile SSW
R168	CAOG11000214122	1/2 - 1 Mile SSW
T171	CAOG11000189206	1/2 - 1 Mile WSW
T170	CAOG11000189205	1/2 - 1 Mile WSW
O172	CAOG11000202953	1/2 - 1 Mile WSW
R173	CAOG11000189386	1/2 - 1 Mile SSW
R174	CAOG11000189387	1/2 - 1 Mile SSW
S175	CAOG11000202707	1/2 - 1 Mile SSW
R176	CAOG11000189388	1/2 - 1 Mile SSW
U177	CAOG11000189461	1/2 - 1 Mile West
S178	CAOG11000202703	1/2 - 1 Mile SSW
S179	CAOG11000202863	1/2 - 1 Mile SSW

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
R181	CAOG11000189390	1/2 - 1 Mile SSW
R180	CAOG11000189389	1/2 - 1 Mile SSW
R182	CAOG11000189391	1/2 - 1 Mile SSW
S183	CAOG11000189202	1/2 - 1 Mile SSW
V184	CAOG11000202954	1/2 - 1 Mile WSW
Q185	CAOG11000202701	1/2 - 1 Mile SSW
P186	CAOG11000202727	1/2 - 1 Mile SW
T187	CAOG11000202724	1/2 - 1 Mile WSW
W188	CAOG11000203908	1/2 - 1 Mile SW
S190	CAOG11000202267	1/2 - 1 Mile SSW
S189	CAOG11000202266	1/2 - 1 Mile SSW
W191	CAOG11000189204	1/2 - 1 Mile SW
X192	CAOG11000202952	1/2 - 1 Mile WSW
Y193	CAOG11000202726	1/2 - 1 Mile SW
V194	CAOG11000202951	1/2 - 1 Mile WSW
U195	CAOG11000188880	1/2 - 1 Mile West
Y196	CAOG11000189214	1/2 - 1 Mile SW
Y197	CAOG11000189213	1/2 - 1 Mile SW
Y198	CAOG11000189212	1/2 - 1 Mile SW
Y199	CAOG11000189084	1/2 - 1 Mile SW
Z200	CAOG11000202712	1/2 - 1 Mile WSW
X201	CAOG11000202948	1/2 - 1 Mile West
AA202	CAOG11000202723	1/2 - 1 Mile WSW
AB203	CAOG11000216803	1/2 - 1 Mile South
Z204	CAOG11000189221	1/2 - 1 Mile WSW
Z205	CAOG11000189222	1/2 - 1 Mile WSW
AB206	CAOG11000202265	1/2 - 1 Mile SSW
X207	CAOG11000202949	1/2 - 1 Mile WSW
AA208	CAOG11000202722	1/2 - 1 Mile WSW
Z209	CAOG11000202731	1/2 - 1 Mile WSW
AA210	CAOG11000202367	1/2 - 1 Mile WSW
AA211	CAOG11000203909	1/2 - 1 Mile WSW
AC212	CAOG11000202699	1/2 - 1 Mile SW
AD213	CAOG11000188883	1/2 - 1 Mile West
AE214	CAOG11000189216	1/2 - 1 Mile WSW
AF215	CAOG11000202950	1/2 - 1 Mile WSW
AB216	CAOG11000189457	1/2 - 1 Mile South
AB218	CAOG11000189415	1/2 - 1 Mile South
AB217	CAOG11000189414	1/2 - 1 Mile South
AB220	CAOG11000189417	1/2 - 1 Mile South
AB219	CAOG11000189416	1/2 - 1 Mile South
AB221	CAOG11000189418	1/2 - 1 Mile South
AB223	CAOG11000214043	1/2 - 1 Mile South
AB222	CAOG11000214042	1/2 - 1 Mile South
AG224	CAOG11000202947	1/2 - 1 Mile West
AC225	CAOG11000223343	1/2 - 1 Mile SW
AB226	CAOG11000189419	1/2 - 1 Mile South
AA227	CAOG11000202713	1/2 - 1 Mile WSW
AH228	CAOG11000202721	1/2 - 1 Mile SW
AB229	CAOG11000193130	1/2 - 1 Mile South
230	CAOG11000202867	1/2 - 1 Mile NW
AB231	CAOG11000189420	1/2 - 1 Mile South
AB232	CAOG11000189421	1/2 - 1 Mile South
AD234	CAOG11000188882	1/2 - 1 Mile West
AD233	CAOG11000188881	1/2 - 1 Mile West
AB235	CAOG11000203146	1/2 - 1 Mile SSW

STATE OIL/GAS WELL INFORMATION

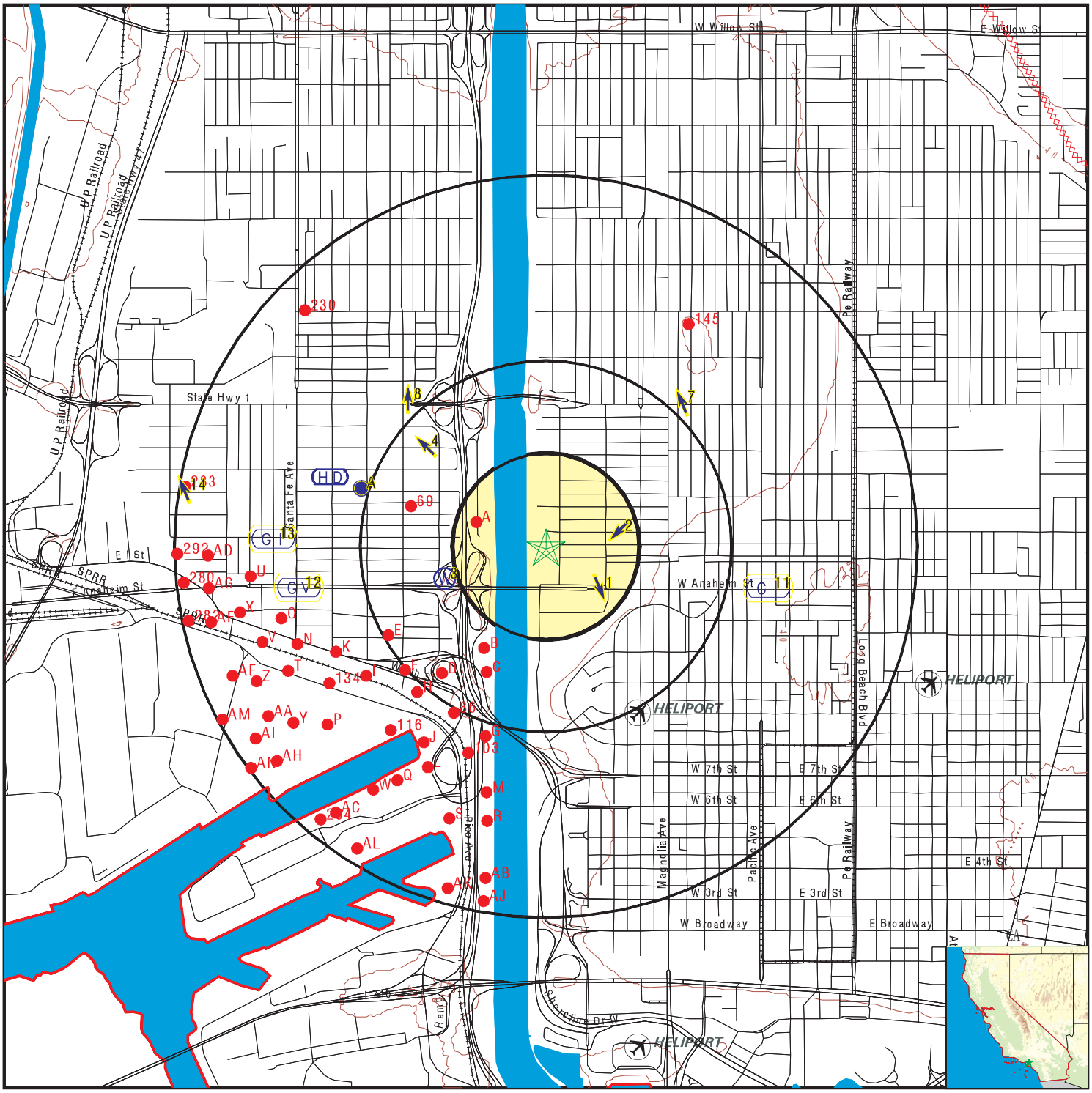
MAP ID	WELL ID	LOCATION FROM TP
AB236	CAOG11000189422	1/2 - 1 Mile South
AB237	CAOG11000189423	1/2 - 1 Mile South
AB238	CAOG11000189424	1/2 - 1 Mile South
AF239	CAOG11000202946	1/2 - 1 Mile West
AB240	CAOG11000189425	1/2 - 1 Mile South
AC241	CAOG11000202695	1/2 - 1 Mile SW
AB242	CAOG11000189426	1/2 - 1 Mile South
AB243	CAOG11000189427	1/2 - 1 Mile South
AF244	CAOG11000202945	1/2 - 1 Mile WSW
AD245	CAOG11000203906	1/2 - 1 Mile West
AG246	CAOG11000201272	1/2 - 1 Mile West
AB247	CAOG11000189428	1/2 - 1 Mile South
AI249	CAOG11000189063	1/2 - 1 Mile WSW
AI248	CAOG11000189062	1/2 - 1 Mile WSW
AB250	CAOG11000189429	1/2 - 1 Mile South
AB251	CAOG11000189430	1/2 - 1 Mile South
AB252	CAOG11000188772	1/2 - 1 Mile South
AE253	CAOG11000189220	1/2 - 1 Mile WSW
AJ254	CAOG11000189431	1/2 - 1 Mile South
AJ255	CAOG11000189432	1/2 - 1 Mile South
AC256	CAOG11000202696	1/2 - 1 Mile SW
AK257	CAOG11000202870	1/2 - 1 Mile SSW
AJ260	CAOG11000189435	1/2 - 1 Mile South
AJ258	CAOG11000189433	1/2 - 1 Mile South
AJ259	CAOG11000189434	1/2 - 1 Mile South
AH261	CAOG11000202720	1/2 - 1 Mile SW
AJ262	CAOG11000193166	1/2 - 1 Mile South
AI263	CAOG11000202714	1/2 - 1 Mile WSW
264	CAOG11000202631	1/2 - 1 Mile SW
AL265	CAOG11000202698	1/2 - 1 Mile SSW
AL266	CAOG11000202697	1/2 - 1 Mile SSW
AL267	CAOG11000188771	1/2 - 1 Mile SSW
AJ269	CAOG11000189032	1/2 - 1 Mile South
AJ268	CAOG11000189031	1/2 - 1 Mile South
AF270	CAOG11000202944	1/2 - 1 Mile WSW
AJ271	CAOG11000189456	1/2 - 1 Mile South
AJ272	CAOG11000203154	1/2 - 1 Mile SSW
AJ273	CAOG11000189455	1/2 - 1 Mile South
AM274	CAOG11000202732	1/2 - 1 Mile WSW
AJ275	CAOG11000189454	1/2 - 1 Mile South
AK276	CAOG11000202258	1/2 - 1 Mile SSW
AJ277	CAOG11000189453	1/2 - 1 Mile South
AL278	CAOG11000202230	1/2 - 1 Mile SW
AJ279	CAOG11000189030	1/2 - 1 Mile South
280	CAOG11000202941	1/2 - 1 Mile West
AJ281	CAOG11000189452	1/2 - 1 Mile South
282	CAOG11000202943	1/2 - 1 Mile WSW
283	CAOG11000189618	1/2 - 1 Mile West
AJ285	CAOG11000203153	1/2 - 1 Mile SSW
AJ284	CAOG11000203152	1/2 - 1 Mile SSW
AJ286	CAOG11000189451	1/2 - 1 Mile South
AM287	CAOG11000193970	1/2 - 1 Mile WSW
AM288	CAOG11000193971	1/2 - 1 Mile WSW
AJ290	CAOG11000189450	1/2 - 1 Mile South
AJ289	CAOG11000189449	1/2 - 1 Mile South
AM291	CAOG11000194000	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
292	CAOG11000202224	1/2 - 1 Mile West
AN295	CAOG11000189209	1/2 - 1 Mile SW
AN293	CAOG11000189207	1/2 - 1 Mile SW
AN294	CAOG11000189208	1/2 - 1 Mile SW
AM296	CAOG11000194121	1/2 - 1 Mile WSW
AJ297	CAOG11000203151	1/2 - 1 Mile SSW
AJ299	CAOG11000189448	1/2 - 1 Mile South
AJ298	CAOG11000189447	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 04328849.2r



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Airports
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

0 1/4 1/2 1 Miles

SITE NAME: Former Long Beach Public Service Yard ADDRESS: San Francisco Ave/W Anaheim St Long Beach CA 90813 LAT/LONG: 33.7843 / 118.2038	CLIENT: SCS Engineers CONTACT: Kim Braun INQUIRY #: 04328849.2r DATE: June 17, 2015 3:24 pm

Copyright © 2015 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **SE** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	908130252 SSE 8 9 Not Reported 05/15/1995	**AQUIFLOW**	**70497**
2 **ENE** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	908130325 SW 13 15 Not Reported 05/06/1998	**AQUIFLOW**	**70540**
3 **WSW** **1/4 - 1/2 Mile** **Higher**			**CA WELLS**	**CADW50000003188**

Latitude :	33.783042		
Longitude :	118.208533		
Site code:	337828N1172093W001	Casgem sta:	04S03W33E001S
Local well:	EMWD12466	Casgem s 1:	Observation
County id:	33		
Basin cd:	8-5	Basin desc:	San Jacinto
Org unit n:	Southern Region Office	Site id:	CADW50000003188

4 **NW** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	908130516 NW 13.68 14.59 Not Reported 10/15/1990	**AQUIFLOW**	**70491**
A5 **WNW** **1/4 - 1/2 Mile** **Lower**			**FED USGS**	**USGS40000138170**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334712118124302		
Monloc name:	004S013W35B003S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.78655
Longitude:	-118.2119639	Sourcemap scale:	24000

Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	6.7
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19591008	Welldepth:	398
Welldepth units:	ft	Wellholedepth:	405
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1999-03-18	23	

A6
WNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000138169**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334712118124301		
Monloc name:	004S013W35B002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.78655
Longitude:	-118.2119639	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	6.7
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19591007	Welldepth:	713
Welldepth units:	ft	Wellholedepth:	1005
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1999-03-18	78.83	

7
NE
1/2 - 1 Mile
Lower

AQUIFLOW **70542**

Site ID:	908061052
Groundwater Flow:	NNW
Shallow Water Depth:	11.52
Deep Water Depth:	14.60
Average Water Depth:	Not Reported
Date:	12/01/1993

Map ID Direction Distance Elevation			Database	EDR ID Number
8 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	907440061 N 47.77 50.8 Not Reported 06/30/1999	**AQUIFLOW**	**70501**

A9
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADW50000003209**

Latitude :	33.7866		
Longitude :	118.2129		
Site code:	337866N1182129W001	Casgem sta:	04S13W35B002S
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	19		
Basin cd:	4-11.03	Basin desc:	West Coast
Org unit n:	Southern Region Office	Site id:	CADW50000003209

A10
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADW50000003208**

Latitude :	33.7866		
Longitude :	118.2129		
Site code:	337866N1182129W002	Casgem sta:	04S13W35B003S
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	19		
Basin cd:	4-11.03	Basin desc:	West Coast
Org unit n:	Southern Region Office	Site id:	CADW50000003208

11 **East** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	908130470 Not Reported Not Reported Not Reported 30 06/22/1993	**AQUIFLOW**	**70528**
12 **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	908130234 Varies 9 11 Not Reported 05/25/1999	**AQUIFLOW**	**70499**
13 **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	90803125 Not Reported 7 14 Not Reported 10/1987	**AQUIFLOW**	**55247**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
14 **West** **1/2 - 1 Mile** **Lower**	Site ID:	90813027	**AQUIFLOW**	**70475**
	Groundwater Flow:	NNW		
	Shallow Water Depth:	12.69		
	Deep Water Depth:	13.29		
	Average Water Depth:	Not Reported		
	Date:	03/15/1996		

Map ID Direction Distance	Database	EDR ID Number

A1
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189275**

District nun:	1	Api number:	03703738
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.342
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M951E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000189275		

A2
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189276**

District nun:	1	Api number:	03703739
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.153
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M952E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000189276		

A3
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189277**

District nun:	1	Api number:	03703740
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.398
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M953E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189277		

A4
WNW **OIL_GAS** **CAOG11000189278**
1/8 - 1/4 Mile

District nun:	1	Api number:	03703741
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	17.255
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M954E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189278		

A5
WNW **OIL_GAS** **CAOG11000189279**
1/8 - 1/4 Mile

District nun:	1	Api number:	03703742
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	17.651
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M955E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189279		

A6
WNW **OIL_GAS** **CAOG11000189280**
1/8 - 1/4 Mile

District nun:	1	Api number:	03703743
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	21.745
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M956E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189280		

A7
WNW **OIL_GAS** **CAOG11000189281**
1/8 - 1/4 Mile

District nun:	1	Api number:	03703744
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.324
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M957E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189281		

Map ID
Direction
Distance

Database EDR ID Number

A8
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189282**

District nun:	1	Api number:	03703745
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	9.775
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M958E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189282		

A9
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189283**

District nun:	1	Api number:	03703746
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	7.05
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M959E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000189283		

A10
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189086**

District nun:	1	Api number:	03703228
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	10.216
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	556-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189086		

A11
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189284**

District nun:	1	Api number:	03703747
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	8.822
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M960E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189284		

A12
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189285**

District nun:	1	Api number:	03703748
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	11.139
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M961E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189285		

A13
WNW **OIL_GAS** **CAOG11000189087**
1/8 - 1/4 Mile

District nun:	1	Api number:	03703229
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	10.399
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	558-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000189087		

A14
WNW **OIL_GAS** **CAOG11000189286**
1/8 - 1/4 Mile

District nun:	1	Api number:	03703749
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	9.246
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M962E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000189286		

Map ID Direction Distance	Database	EDR ID Number

A15
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189089**

District nun:	1	Api number:	03703232
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.339
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	587-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000189089		

A16
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189287**

District nun:	1	Api number:	03703750
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.313
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M963E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189287		

A17
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189090**

District nun:	1	Api number:	03703233
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.253
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	588-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000189090		

A18
WNW **OIL_GAS** **CAOG11000189288**
1/8 - 1/4 Mile

District nun:	1	Api number:	03703752
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.149
Locationde:	V Ranger		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M970E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189288		

A19
WNW **OIL_GAS** **CAOG11000189289**
1/8 - 1/4 Mile

District nun:	1	Api number:	03703753
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	8.782
Locationde:	R5		
Gissourcec:	gps		

Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	578-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189289		

A20
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189290**

District nun:	1	Api number:	03703753
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	8.782
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	578-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189290		

A21
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189260**

District nun:	1	Api number:	03703724
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.408
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M901E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189260		

Map ID
Direction
Distance

	Database	EDR ID Number

A22
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189261**

District nun:	1	Api number:	03703725
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	8.728
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M902E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000189261		

A23
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189262**

District nun:	1	Api number:	03703726
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	9.026
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	562-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189262		

A24
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189263**

District nun:	1	Api number:	03703726
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	9.026
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	562-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189263		

A25
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189264**

District nun:	1	Api number:	03703726
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	9.026
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	562-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189264		

A26
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189265**

District nun:	1	Api number:	03703727
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	8.657
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M904E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189265		

A27
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189266**

District nun:	1	Api number:	03703728
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	10.401
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M905E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000189266		

A28
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189267**

District nun:	1	Api number:	03703729
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.152
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M906E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189267		

Map ID Direction Distance	Database	EDR ID Number

A29
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189268**

District nun:	1	Api number:	03703730
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	15.483
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M907E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189268		

A30
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189269**

District nun:	1	Api number:	03703731
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.212
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M908E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000189269		

A31
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189270**

District nun:	1	Api number:	03703732
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	17.633
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M909E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189270		

A32
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189271**

District nun:	1	Api number:	03703733
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	15.283
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	560-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000189271		

A33
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189272**

District nun:	1	Api number:	03703733
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	15.283
Locationde:	R5		
Gissourcec:	gps		

Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	560-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000189272		

A34
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189273**

District nun:	1	Api number:	03703734
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.97
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M911E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189273		

A35
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189085**

District nun:	1	Api number:	03703227
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.438
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	553-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189085		

Map ID
Direction
Distance

Database | EDR ID Number

A36
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189274**

District nun:	1	Api number:	03703736
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	11.737
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	571-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000189274		

A37
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000189088**

District nun:	1	Api number:	03703231
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12.798
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	585-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189088		

A38
WNW
1/8 - 1/4 Mile

OIL_GAS **CAOG11000202372**

District nun:	1	Api number:	03703230
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	581-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000202372		

A39
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000202955**

District nun:	1	Api number:	03703735
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	561-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000202955		

B40
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000203124**

District nun:	1	Api number:	03703858
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	opr		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-308
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000203124		

B41
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189377**

District nun:	1	Api number:	03703901
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.537
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189377		

B42
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189378**

District nun:	1	Api number:	03703901
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.537
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189378		

Map ID Direction Distance	Database	EDR ID Number

B43
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000202956**

District nun:	1	Api number:	03703737
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M950E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202956		

B44
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193165**

District nun:	1	Api number:	03720733
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	10.195
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000193165		

B45
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261326**

District nun:	1	Api number:	03727434
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Not Reported		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-515
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	NOG
Site id:	CAOG11000261326		

B46
SSW **OIL_GAS** **CAOG11000261653**
1/4 - 1/2 Mile

District nun:	1	Api number:	03727433
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Not Reported		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-514
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	NOG
Site id:	CAOG11000261653		

C47
SSW **OIL_GAS** **CAOG11000189331**
1/4 - 1/2 Mile

District nun:	1	Api number:	03703853
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	16.954
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-303
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189331		

C48
SSW **OIL_GAS** **CAOG11000261652**
1/4 - 1/2 Mile

District nun:	1	Api number:	03727432
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	KB = 12’		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-513
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	23-DEC-12
Welldeptha:	5165		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	03-JAN-13
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000261652		

C49
SSW **OIL_GAS** **CAOG11000189340**
1/4 - 1/2 Mile

District nun:	1	Api number:	03703860
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.768
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-310
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189340		

Map ID Direction Distance	Database	EDR ID Number

C50
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261651**

District nun:	1	Api number:	03727431
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	well is to be directionally drilled show proposed coordinates from surface location and true vertical depth at total depth: 344.7'		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-512
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	NOG
Site id:	CAOG11000261651		

C51
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261650**

District nun:	1	Api number:	03727430
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Well is directionally drilled show proposed coordinates from surface loation and true vertical depth at total depth 209.0' North		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-511
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	NOG
Site id:	CAOG11000261650		

C52
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189339**

District nun:	1	Api number:	03703859
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	11.221
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-309
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189339		

C53
SSW **OIL_GAS** **CAOG11000217210**
1/4 - 1/2 Mile

District nun:	1	Api number:	03727173
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12
Locationde:	Not Reported		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-510
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	03-JAN-13
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000217210		

C54
SSW **OIL_GAS** **CAOG11000189332**
1/4 - 1/2 Mile

District nun:	1	Api number:	03703854
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.96
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	N-3-C	Wellnumber:	S-304
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189332		

C55
SSW **OIL_GAS** **CAOG11000189333**
1/4 - 1/2 Mile

District nun:	1	Api number:	03703854
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.96
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	N-3-C	Wellnumber:	S-304
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189333		

C56
SSW **OIL_GAS** **CAOG11000261649**
1/4 - 1/2 Mile

District nun:	1	Api number:	03727429
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Well directionally drilled show proposed coordinated from surface location and true vertical depth at total depth: 847.1' South		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-509
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	14-JAN-13
Welldeptha:	4400		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	11-MAR-13
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000261649		

Map ID
Direction
Distance

Database EDR ID Number

C57
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261648**

District nun:	1	Api number:	03727428
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Not Reported		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-508 I
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	NWF
Site id:	CAOG11000261648		

C58
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261647**

District nun:	1	Api number:	03727427
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Not Reported		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-507 I
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	NWF
Site id:	CAOG11000261647		

C59
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261327**

District nun:	1	Api number:	03727435
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Not Reported		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-506
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	NOG
Site id:	CAOG11000261327		

C60
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193011**

District nun:	1	Api number:	03720076
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.186
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	N-3-C	Wellnumber:	S-015
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193011		

C61
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261646**

District nun:	1	Api number:	03727426
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Not Reported		
Gissourcec:	opr		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-505
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	NWF
Site id:	CAOG11000261646		

C62
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189337**

District nun:	1	Api number:	03703857
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	22.739
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	N-3-C	Wellnumber:	S-307
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189337		

C63
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189338**

District nun:	1	Api number:	03703857
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	22.739
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	N-3-C	Wellnumber:	S-307
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189338		

Map ID
Direction
Distance

Database | EDR ID Number

C64
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261645**

District nun:	1	Api number:	03727425
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Not Reported		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-504
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	NOG
Site id:	CAOG11000261645		

C66
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189336**

District nun:	1	Api number:	03703856
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	19.567
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	N-3-C	Wellnumber:	S-306
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189336		

C65
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189335**

District nun:	1	Api number:	03703856
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	19.567
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	N-3-C	Wellnumber:	S-306
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189335		

C67
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261644**

District nun:	1	Api number:	03727424
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Not Reported		
Gissourcec:	opr		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-503
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	NOG
Site id:	CAOG11000261644		

C68
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000261643**

District nun:	1	Api number:	03727423
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	KB 24
Locationde:	Not Reported		
Gissourcec:	opr		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-502
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	NOG
Site id:	CAOG11000261643		

69
WNW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189259**

District nun:	1	Api number:	03703723
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	11.129
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84907099.ssf		
Leasename:	Not Reported	Wellnumber:	M900E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189259		

D70
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000202983**

District nun:	1	Api number:	03703776
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Salvatore Natoli, Jr.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	T & L	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202983		

Map ID
Direction
Distance

Database | EDR ID Number

C71
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189250**

District nun:	1	Api number:	03703698
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	22.815
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189250		

C72
SSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193784**

District nun:	1	Api number:	03722282
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	22.384
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-234
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000193784		

D73
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000202262**

District nun:	1	Api number:	03702256
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	John M. Stahl		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202262		

D74
SSW **OIL_GAS** **CAOG11000201281**
1/4 - 1/2 Mile

District nun:	1	Api number:	03701499
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Hamarson Oil Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000201281		

D75
SW **OIL_GAS** **CAOG11000189258**
1/4 - 1/2 Mile

District nun:	1	Api number:	03703708
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	10.797
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M725E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189258		

D76
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000193570**

District nun:	1	Api number:	03721840
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	16.947
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M727E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000193570		

E77
WSW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189254**

District nun:	1	Api number:	03703702
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.093
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M710E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189254		

Map ID Direction Distance	Database	EDR ID Number

F78
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000189255**

District nun:	1	Api number:	03703703
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	15.64
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M711E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189255		

D79
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000201282**

District nun:	1	Api number:	03701500
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Harmor Petro. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Harbor	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000201282		

D80
SW
1/4 - 1/2 Mile

OIL_GAS **CAOG11000202940**

District nun:	1	Api number:	03703707
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M718E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202940		

F81
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202868**

District nun:	1	Api number:	03703662
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Recknagel & Mangold Oil Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	W.A.	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202868		

G82
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189247**

District nun:	1	Api number:	03703696
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.447
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189247		

G83
SSW **OIL_GAS** **CAOG11000189248**
1/2 - 1 Mile

District nun:	1	Api number:	03703696
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.447
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189248		

H85
SW **OIL_GAS** **CAOG11000189257**
1/2 - 1 Mile

District nun:	1	Api number:	03703705
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	9.347
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	548-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189257		

Map ID
Direction
Distance

Database EDR ID Number

H84
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189256**

District nun:	1	Api number:	03703705
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	9.347
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	548-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189256		

86
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000201280**

District nun:	1	Api number:	03701498
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Hamarson Oil Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000201280		

H87
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202371**

District nun:	1	Api number:	03703226
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	544-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202371		

G88
SSW **OIL_GAS** **CAOG11000189249**
1/2 - 1 Mile

District nun:	1	Api number:	03703697
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	17.237
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189249		

E89
WSW **OIL_GAS** **CAOG11000189253**
1/2 - 1 Mile

District nun:	1	Api number:	03703701
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.448
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M709E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189253		

F90
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000201239**

District nun:	1	Api number:	03701457
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	F. E. Fairfield		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Golden Circle	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000201239		

G91
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189251**

District nun:	1	Api number:	03703699
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	15.371
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189251		

Map ID
Direction
Distance

Database | EDR ID Number

G92
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189252**

District nun:	1	Api number:	03703700
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12.532
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189252		

G93
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000203145**

District nun:	1	Api number:	03703929
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-228
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000203145		

F94
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202938**

District nun:	1	Api number:	03703704
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M712E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202938		

G95
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189334**

District nun:	1	Api number:	03703855
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.073
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-305
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189334		

H96
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202939**

District nun:	1	Api number:	03703706
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	545-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202939		

H97
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189598**

District nun:	1	Api number:	03704611
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	10.355
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	543-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189598		

G98
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189330**

District nun:	1	Api number:	03703852
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	15.191
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84907099.ssf		
Leasename:	Not Reported	Wellnumber:	S-302
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189330		

Map ID
Direction
Distance

Database | EDR ID Number

G99
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189329**

District nun:	1	Api number:	03703851
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	10.895
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-301
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	4967		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189329		

G100
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189342**

District nun:	1	Api number:	03703862
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.401
Locationde:	Not Reported		
Gissourcec:	sum		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-005
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189342		

I101
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000193526**

District nun:	1	Api number:	03721735
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	9.68
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M726E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000193526		

J102
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189210**

District nun:	1	Api number:	03703538
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	15.061
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910308.ssf		
Leasename:	Not Reported	Wellnumber:	M521E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189210		

103
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202937**

District nun:	1	Api number:	03703694
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	SC-22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202937		

J104
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000201184**

District nun:	1	Api number:	03701419
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	California Pacific Oil Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Star	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000201184		

J105
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189211**

District nun:	1	Api number:	03703539
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.196
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910308.ssf		
Leasename:	Not Reported	Wellnumber:	M522E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189211		

Map ID
Direction
Distance

Database EDR ID Number

K106
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000203019**

District nun:	1	Api number:	03703798
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Petroleum Midway Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kupfer	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203019		

J107
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202730**

District nun:	1	Api number:	03703540
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M523E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202730		

I108
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202812**

District nun:	1	Api number:	03703623
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	546-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202812		

L109
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000203198**

District nun:	1	Api number:	03704008
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Terminal Oil Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Channel 3 Comm.	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203198		

K110
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202811**

District nun:	1	Api number:	03703622
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M705E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202811		

M111
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193147**

District nun:	1	Api number:	03720557
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	17.378
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-231
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000193147		

K112
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189234**

District nun:	1	Api number:	03703621
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	11.322
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	547-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189234		

Map ID Direction Distance	Database	EDR ID Number

K113
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189235**

District nun:	1	Api number:	03703621
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	11.322
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	547-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189235		

J114
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202706**

District nun:	1	Api number:	03703512
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M486E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202706		

M115
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193131**

District nun:	1	Api number:	03720496
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.289
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-233
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000193131		

116
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202729**

District nun:	1	Api number:	03703537
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M520E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202729		

M117
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189341**

District nun:	1	Api number:	03703861
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	29.184
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	N-3-C	Wellnumber:	S-004
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189341		

J118
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000203237**

District nun:	1	Api number:	03704053
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mutual	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203237		

J119
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202708**

District nun:	1	Api number:	03703514
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M490E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202708		

Map ID
Direction
Distance

Database | EDR ID Number

M120
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189413**

District nun:	1	Api number:	03703931
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	17.915
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-230
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189413		

M121
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189412**

District nun:	1	Api number:	03703930
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12.914
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-229
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189412		

M122
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189411**

District nun:	1	Api number:	03703928
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.499
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-227
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189411		

M123
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189410**

District nun:	1	Api number:	03703927
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	15.541
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-226
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189410		

M124
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189409**

District nun:	1	Api number:	03703926
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	5.181
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-225
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189409		

M125
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202268**

District nun:	1	Api number:	03702274
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	SC-20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202268		

M126
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189408**

District nun:	1	Api number:	03703925
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	6.142
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-224
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189408		

Map ID Direction Distance	Database	EDR ID Number

M127
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189407**

District nun:	1	Api number:	03703924
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.017
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-223
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189407		

M128
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189406**

District nun:	1	Api number:	03703923
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.289
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-222
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189406		

M129
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189404**

District nun:	1	Api number:	03703922
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	16.27
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-221
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189404		

M130
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189405**

District nun:	1	Api number:	03703922
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	16.27
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-221
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189405		

M131
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189403**

District nun:	1	Api number:	03703921
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	10.754
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-220
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189403		

M132
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189401**

District nun:	1	Api number:	03703920
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.079
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-219
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189401		

M133
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189402**

District nun:	1	Api number:	03703920
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.079
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-219
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189402		

Map ID Direction Distance	Database	EDR ID Number

134
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202370**

District nun:	1	Api number:	03703225
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	542-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202370		

N135
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202809**

District nun:	1	Api number:	03703619
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M702E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202809		

M137
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189400**

District nun:	1	Api number:	03703919
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.079
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	N-1-C	Wellnumber:	218 I
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189400		

M136
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189399**

District nun:	1	Api number:	03703919
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.079
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	N-1-C	Wellnumber:	218 I
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189399		

M138
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189398**

District nun:	1	Api number:	03703918
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	17.744
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-217
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189398		

M139
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189397**

District nun:	1	Api number:	03703917
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	19.376
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-216
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189397		

M140
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189396**

District nun:	1	Api number:	03703916
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	17.195
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-215
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189396		

Map ID
Direction
Distance

	Database	EDR ID Number

M141
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189395**

District nun:	1	Api number:	03703915
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	20.163
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-214
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189395		

L142
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202369**

District nun:	1	Api number:	03703224
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	534-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202369		

O143
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202807**

District nun:	1	Api number:	03703617
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	551-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202807		

M144
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189394**

District nun:	1	Api number:	03703914
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	18.522
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-213
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189394		

145
NNE
1/2 - 1 Mile

OIL_GAS **CAOG11000204827**

District nun:	1	Api number:	03705659
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Miller & Haley		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	25
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000204827		

M146
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189393**

District nun:	1	Api number:	03703913
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.815
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-212
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189393		

M147
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189392**

District nun:	1	Api number:	03703912
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	10.903
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-211
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189392		

Map ID Direction Distance	Database	EDR ID Number

P148
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202728**

District nun:	1	Api number:	03703536
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M519E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202728		

N149
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202808**

District nun:	1	Api number:	03703618
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M701E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202808		

Q150
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202705**

District nun:	1	Api number:	03703511
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	536-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202705		

Q151
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202704**

District nun:	1	Api number:	03703511
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	536-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202704		

R152
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189033**

District nun:	1	Api number:	03702272
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	11.974
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189033		

R153
SSW **OIL_GAS** **CAOG11000189034**
1/2 - 1 Mile

District nun:	1	Api number:	03702272
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	11.974
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189034		

R154
SSW **OIL_GAS** **CAOG11000189035**
1/2 - 1 Mile

District nun:	1	Api number:	03702273
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.666
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189035		

Map ID Direction Distance	Database	EDR ID Number

N155
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202810**

District nun:	1	Api number:	03703620
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M703E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202810		

R156
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189036**

District nun:	1	Api number:	03702275
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	14.854
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189036		

R157
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189037**

District nun:	1	Api number:	03702275
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	14.854
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189037		

R158
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189246**

District nun:	1	Api number:	03703695
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	15.363
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SC-23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189246		

R159
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189379**

District nun:	1	Api number:	03703902
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	14.077
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-201
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189379		

S160
SSW **OIL_GAS** **CAOG11000189083**
1/2 - 1 Mile

District nun:	1	Api number:	03703220
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	14.01
Locationde:	Ranger V R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	524-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189083		

R161
SSW **OIL_GAS** **CAOG11000189380**
1/2 - 1 Mile

District nun:	1	Api number:	03703903
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	13.438
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-202
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189380		

Map ID Direction Distance	Database	EDR ID Number

T162
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202725**

District nun:	1	Api number:	03703533
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M515E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202725		

R163
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189381**

District nun:	1	Api number:	03703904
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	16.534
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-203
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189381		

R164
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189382**

District nun:	1	Api number:	03703904
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	16.534
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-203
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189382		

R165
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189383**

District nun:	1	Api number:	03703905
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	17.122
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-204
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189383		

R166
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189384**

District nun:	1	Api number:	03703906
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	13.623
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-205
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189384		

R167
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189385**

District nun:	1	Api number:	03703907
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	20.317
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-206
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189385		

R169
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000214123**

District nun:	1	Api number:	03720572
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-232
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000214123		

Map ID Direction Distance	Database	EDR ID Number

R168
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000214122**

District nun:	1	Api number:	03720572
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-232
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000214122		

T171
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189206**

District nun:	1	Api number:	03703520
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	11.188
Locationde:	Ranger IV, R4		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	75-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189206		

T170
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189205**

District nun:	1	Api number:	03703520
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	11.188
Locationde:	Ranger IV, R4		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	75-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189205		

O172
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202953**

District nun:	1	Api number:	03703721
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M831D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202953		

R173
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189386**

District nun:	1	Api number:	03703908
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	18.065
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-207
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Not Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189386		

R174
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189387**

District nun:	1	Api number:	03703908
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	18.065
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-207
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Not Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189387		

S175
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202707**

District nun:	1	Api number:	03703513
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M489E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202707		

Map ID
Direction
Distance

Database | EDR ID Number

R176
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189388**

District nun:	1	Api number:	03703909
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	22.984
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-208
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189388		

U177
West
1/2 - 1 Mile

OIL_GAS **CAOG11000189461**

District nun:	1	Api number:	03704003
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	R&R Entertainment Inc		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12.009
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910138.ssf		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189461		

S178
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202703**

District nun:	1	Api number:	03703510
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M483E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202703		

S179
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202863**

District nun:	1	Api number:	03703657
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	D. J. Pickrell & E. W. Meyer		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Carlos	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202863		

R181
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189390**

District nun:	1	Api number:	03703910
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	25.272
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-209
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	1740		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189390		

R180
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189389**

District nun:	1	Api number:	03703910
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	25.272
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-209
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	1740		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189389		

R182
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189391**

District nun:	1	Api number:	03703911
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	22.542
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84907099.ssf		
Leasename:	Not Reported	Wellnumber:	S-210
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	1783		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189391		

Map ID Direction Distance	Database	EDR ID Number

S183
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189202**

District nun:	1	Api number:	03703508
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	10.324
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M480E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189202		

V184
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202954**

District nun:	1	Api number:	03703722
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M832D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202954		

Q185
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202701**

District nun:	1	Api number:	03703507
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M479E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202701		

P186
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202727**

District nun:	1	Api number:	03703535
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M518E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202727		

T187
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202724**

District nun:	1	Api number:	03703532
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M514E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202724		

W188
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000203908**

District nun:	1	Api number:	03704612
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M478E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203908		

S190
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202267**

District nun:	1	Api number:	03702271
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	SC-17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202267		

Map ID Direction Distance	Database	EDR ID Number

S189
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202266**

District nun:	1	Api number:	03702271
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	SC-17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202266		

W191
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189204**

District nun:	1	Api number:	03703519
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	5.724
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	M495E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189204		

X192
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202952**

District nun:	1	Api number:	03703720
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M830D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202952		

Y193
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202726**

District nun:	1	Api number:	03703534
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M517E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202726		

V194
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202951**

District nun:	1	Api number:	03703719
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M829D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202951		

U195
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188880**

District nun:	1	Api number:	03701488
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Warren E & P, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	13.353
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910138.ssf		
Leasename:	NWU	Wellnumber:	425-9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000188880		

Y196
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189214**

District nun:	1	Api number:	03703543
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	21.726
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M527ER
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189214		

Map ID Direction Distance	Database	EDR ID Number

Y197
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189213**

District nun:	1	Api number:	03703542
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	20.623
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M526E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189213		

Y198
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189212**

District nun:	1	Api number:	03703541
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	23.534
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M525E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189212		

Y199
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189084**

District nun:	1	Api number:	03703221
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	21.682
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	531-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189084		

Z200
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202712**

District nun:	1	Api number:	03703521
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	71-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202712		

X201
West
1/2 - 1 Mile

OIL_GAS **CAOG11000202948**

District nun:	1	Api number:	03703716
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	70-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202948		

AA202
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202723**

District nun:	1	Api number:	03703531
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M513E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202723		

AB203
South
1/2 - 1 Mile

OIL_GAS **CAOG11000216803**

District nun:	1	Api number:	03726682
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	R5		
Gissourcec:	unk		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-235
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	3547		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000216803		

Map ID Direction Distance	Database	EDR ID Number

Z204
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189221**

District nun:	1	Api number:	03703549
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.472
Locationde:	T4		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	10-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189221		

Z205
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189222**

District nun:	1	Api number:	03703549
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	18.472
Locationde:	T4		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	10-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189222		

AB206
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202265**

District nun:	1	Api number:	03702270
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	SC-16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202265		

X207
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202949**

District nun:	1	Api number:	03703717
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M827D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202949		

AA208
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202722**

District nun:	1	Api number:	03703530
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M512E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202722		

Z209
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202731**

District nun:	1	Api number:	03703546
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	6-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202731		

AA210
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202367**

District nun:	1	Api number:	03703222
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	532-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202367		

Map ID
Direction
Distance

Database | EDR ID Number

AA211
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000203909**

District nun:	1	Api number:	03704613
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block V Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M527E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203909		

AC212
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202699**

District nun:	1	Api number:	03703505
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M475E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202699		

AD213
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188883**

District nun:	1	Api number:	03701490
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Warren E & P, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	9.487
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910138.ssf		
Leasename:	NWU	Wellnumber:	423-4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000188883		

AE214
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189216**

District nun:	1	Api number:	03703545
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	15.724
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M601D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189216		

AF215
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202950**

District nun:	1	Api number:	03703718
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M828D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202950		

AB216
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189457**

District nun:	1	Api number:	03703971
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	14.851
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-143
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000189457		

AB218
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189415**

District nun:	1	Api number:	03703932
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	17.107
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189415		

Map ID Direction Distance	Database	EDR ID Number

AB217
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189414**

District nun:	1	Api number:	03703932
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	17.107
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189414		

AB220
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189417**

District nun:	1	Api number:	03703933
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	13.634
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-102
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	3251		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189417		

AB219
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189416**

District nun:	1	Api number:	03703933
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	13.634
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-102
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	3251		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189416		

AB221
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189418**

District nun:	1	Api number:	03703934
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	10.246
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-103
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189418		

AB223
South
1/2 - 1 Mile

OIL_GAS **CAOG11000214043**

District nun:	1	Api number:	03720297
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	SB-15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000214043		

AB222
South
1/2 - 1 Mile

OIL_GAS **CAOG11000214042**

District nun:	1	Api number:	03720297
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	SB-15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000214042		

AG224
West
1/2 - 1 Mile

OIL_GAS **CAOG11000202947**

District nun:	1	Api number:	03703715
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M823D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202947		

Map ID Direction Distance	Database	EDR ID Number

AC225
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000223343**

District nun:	1	Api number:	23701296
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Atlantic Richfield Company		
County name:	Los Angeles Offshore	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block II Offshore	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	P & G	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000223343		

AB226
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189419**

District nun:	1	Api number:	03703935
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	13.929
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-104
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189419		

AA227
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202713**

District nun:	1	Api number:	03703522
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block IV Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M502D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202713		

AH228
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202721**

District nun:	1	Api number:	03703529
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M511E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202721		

AB229
South
1/2 - 1 Mile

OIL_GAS **CAOG11000193130**

District nun:	1	Api number:	03720495
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	14.347
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SB-16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000193130		

230
NW
1/2 - 1 Mile

OIL_GAS **CAOG11000202867**

District nun:	1	Api number:	03703661
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Pioneer Petrol Corp.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	26
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000202867		

AB231
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189420**

District nun:	1	Api number:	03703937
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	8.385
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-106
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189420		

Map ID Direction Distance	Database	EDR ID Number

AB232
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189421**

District nun:	1	Api number:	03703938
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	5.985
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-107
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189421		

AD234
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188882**

District nun:	1	Api number:	03701489
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Warren E & P, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12.799
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910138.ssf		
Leasename:	NWU	Wellnumber:	72-3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000188882		

AD233
West
1/2 - 1 Mile

OIL_GAS **CAOG11000188881**

District nun:	1	Api number:	03701489
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Warren E & P, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12.799
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910138.ssf		
Leasename:	NWU	Wellnumber:	72-3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000188881		

AB235
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000203146**

District nun:	1	Api number:	03703936
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	S-1-C	Wellnumber:	105
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203146		

AB236
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189422**

District nun:	1	Api number:	03703939
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	4.414
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-108
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189422		

AB237
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189423**

District nun:	1	Api number:	03703940
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.475
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-109
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189423		

AB238
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189424**

District nun:	1	Api number:	03703940
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.475
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-109
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189424		

Map ID
Direction
Distance

	Database	EDR ID Number

AF239
West
1/2 - 1 Mile

OIL_GAS **CAOG11000202946**

District nun:	1	Api number:	03703714
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M822D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202946		

AB240
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189425**

District nun:	1	Api number:	03703941
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.86
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-110
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	4551		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189425		

AC241
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202695**

District nun:	1	Api number:	03703501
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M469D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202695		

AB242
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189426**

District nun:	1	Api number:	03703942
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.105
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-111
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	3117		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189426		

AB243
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189427**

District nun:	1	Api number:	03703942
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.105
Locationde:	R5		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-111
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	3117		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189427		

AF244
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202945**

District nun:	1	Api number:	03703713
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block IV Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M821D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202945		

AD245
West
1/2 - 1 Mile

OIL_GAS **CAOG11000203906**

District nun:	1	Api number:	03704608
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Petroleum Midway Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Kupfer Community	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203906		

Map ID
Direction
Distance

Database | EDR ID Number

AG246
West
1/2 - 1 Mile

OIL_GAS **CAOG11000201272**

District nun:	1	Api number:	03701487
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Warren E & P, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	NWU	Wellnumber:	424-7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000201272		

AB247
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189428**

District nun:	1	Api number:	03703943
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	11.581
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-112
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000189428		

AI249
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189063**

District nun:	1	Api number:	03703193
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	8.43
Locationde:	R4		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	53-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189063		

AI248
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189062**

District nun:	1	Api number:	03703193
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	8.43
Locationde:	R4		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	53-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000189062		

AB250
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189429**

District nun:	1	Api number:	03703944
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	7.313
Locationde:	Not Reported		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-113
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189429		

AB251
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189430**

District nun:	1	Api number:	03703945
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	8.039
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-114
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189430		

AB252
South
1/2 - 1 Mile

OIL_GAS **CAOG11000188772**

District nun:	1	Api number:	03700594
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	6.564
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-115
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000188772		

Map ID
Direction
Distance

Database EDR ID Number

AE253
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000189220**

District nun:	1	Api number:	03703548
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	16.994
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M606D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189220		

AJ254
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189431**

District nun:	1	Api number:	03703946
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block VI Onshore	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	7.283
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-116
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000189431		

AJ255
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189432**

District nun:	1	Api number:	03703946
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block VI Onshore	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	7.283
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-116
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	PWF
Site id:	CAOG11000189432		

AC256
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202696**

District nun:	1	Api number:	03703502
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M470D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202696		

AK257
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202870**

District nun:	1	Api number:	03703664
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	John A. Rothschild & Dorothy Rothschild		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202870		

AJ260
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189435**

District nun:	1	Api number:	03703947
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.514
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-117
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	5390		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189435		

AJ258
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189433**

District nun:	1	Api number:	03703947
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.514
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-117
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	5390		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189433		

Map ID
Direction
Distance

Database | EDR ID Number

AJ259
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189434**

District nun:	1	Api number:	03703947
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.514
Locationde:	R5		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-117
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	5390		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189434		

AH261
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202720**

District nun:	1	Api number:	03703528
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M510E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202720		

AJ262
South
1/2 - 1 Mile

OIL_GAS **CAOG11000193166**

District nun:	1	Api number:	03720734
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	19.785
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-144
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000193166		

AI263
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202714**

District nun:	1	Api number:	03703523
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block IV Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M504D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202714		

264
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202631**

District nun:	1	Api number:	03703450
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M467E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202631		

AL265
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202698**

District nun:	1	Api number:	03703504
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M474E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202698		

AL266
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202697**

District nun:	1	Api number:	03703503
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M473E
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202697		

Map ID Direction Distance	Database	EDR ID Number

AL267
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000188771**

District nun:	1	Api number:	03700593
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	2.114
Locationde:	Ranger V R5		
Gissourcec:	gps		
Comments:	84910018.ssf		
Leasename:	Not Reported	Wellnumber:	523-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000188771		

AJ269
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189032**

District nun:	1	Api number:	03702269
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	14.173
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SB-14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189032		

AJ268
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189031**

District nun:	1	Api number:	03702269
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	14.173
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SB-14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189031		

AF270
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202944**

District nun:	1	Api number:	03703712
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M820D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202944		

AJ271
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189456**

District nun:	1	Api number:	03703969
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	13.588
Locationde:	R5		
Gissourcec:	gps		

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-139
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189456		

AJ272
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000203154**

District nun:	1	Api number:	03703970
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-140
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000203154		

AJ273
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189455**

District nun:	1	Api number:	03703968
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	15.032
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-138
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189455		

Map ID Direction Distance	Database	EDR ID Number

AM274
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202732**

District nun:	1	Api number:	03703550
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M608D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202732		

AJ275
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189454**

District nun:	1	Api number:	03703967
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.081
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-137
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189454		

AK276
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202258**

District nun:	1	Api number:	03702252
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Sound Petro. Inc.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Harbor	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202258		

AJ277
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189453**

District nun:	1	Api number:	03703966
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	29’ DF
Locationde:	Fr int N ln Seaside & W ln LAFCC 1748’N & 49’E		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-136
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000189453		

AL278
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000202230**

District nun:	1	Api number:	03702065
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Kent Organizations, Inc.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Graham	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202230		

AJ279
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189030**

District nun:	1	Api number:	03702268
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block V	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	13.116
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	SB-13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189030		

280
West
1/2 - 1 Mile

OIL_GAS **CAOG11000202941**

District nun:	1	Api number:	03703709
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	69-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000202941		

Map ID
Direction
Distance

Database | EDR ID Number

AJ281
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189452**

District nun:	1	Api number:	03703964
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	13.976
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-134
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189452		

282
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000202943**

District nun:	1	Api number:	03703711
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Mobil Oil Corporation		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	M819D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000202943		

283
West
1/2 - 1 Mile

OIL_GAS **CAOG11000189618**

District nun:	1	Api number:	03705051
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Warren E & P, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.771
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910138.ssf		
Leasename:	NWU	Wellnumber:	74-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189618		

AJ285
SSW **OIL_GAS** **CAOG11000203153**
1/2 - 1 Mile

District nun:	1	Api number:	03703965
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-135
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203153		

AJ284
SSW **OIL_GAS** **CAOG11000203152**
1/2 - 1 Mile

District nun:	1	Api number:	03703965
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-135
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203152		

AJ286
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189451**

District nun:	1	Api number:	03703962
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	12.624
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84907099.ssf		
Leasename:	Not Reported	Wellnumber:	S-132
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000189451		

AM287
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193970**

District nun:	1	Api number:	03722814
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	17.337
Locationde:	LT4		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	167-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193970		

Map ID Direction Distance	Database	EDR ID Number

AM288
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000193971**

District nun:	1	Api number:	03722814
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	17.337
Locationde:	LT4		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	167-W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000193971		

AJ290
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189450**

District nun:	1	Api number:	03703960
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.471
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84907099.ssf		
Leasename:	Not Reported	Wellnumber:	S-130
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	5101		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189450		

AJ289
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189449**

District nun:	1	Api number:	03703960
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.471
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84907099.ssf		
Leasename:	Not Reported	Wellnumber:	S-130
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	5101		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000189449		

AM291
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000194000**

District nun:	1	Api number:	03722912
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	14.765
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M660D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194000		

292
West
1/2 - 1 Mile

OIL_GAS **CAOG11000202224**

District nun:	1	Api number:	03702061
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Inter-Counties Petro. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Any Block	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

Comments:	Not Reported		
Leasename:	Edgar	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000202224		

AN295
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189209**

District nun:	1	Api number:	03703525
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block IV Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12.702
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M506D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189209		

AN293
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189207**

District nun:	1	Api number:	03703525
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block IV Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12.702
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M506D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189207		

Map ID
Direction
Distance

Database EDR ID Number

AN294
SW
1/2 - 1 Mile

OIL_GAS **CAOG11000189208**

District nun:	1	Api number:	03703525
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Old Wilmington (ABD)
Area name:	Fault Block IV Onshore	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	12.702
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M506D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189208		

AM296
WSW
1/2 - 1 Mile

OIL_GAS **CAOG11000194121**

District nun:	1	Api number:	03723154
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Tidelands Oil Prod. Co.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block IV	Section:	35
Township:	04S	Range:	13W
Base meridian:	SB	Elevation:	10.005
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910288.cor		
Leasename:	Not Reported	Wellnumber:	M661D
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194121		

AJ297
SSW
1/2 - 1 Mile

OIL_GAS **CAOG11000203151**

District nun:	1	Api number:	03703963
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-133
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203151		

AJ299
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189448**

District nun:	1	Api number:	03703959
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.989
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-129
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189448		

AJ298
South
1/2 - 1 Mile

OIL_GAS **CAOG11000189447**

District nun:	1	Api number:	03703959
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Oxy Long Beach, Inc.		
County name:	Los Angeles	Fieldname:	Wilmington
Area name:	Fault Block VI	Section:	2
Township:	05S	Range:	13W
Base meridian:	SB	Elevation:	9.989
Locationde:	Not Reported		
Gissourcec:	gps		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	84910058.ssf		
Leasename:	Not Reported	Wellnumber:	S-129
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	30-DEC-99	Completion:	30-DEC-99
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000189447		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90813	1	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX G

RESUMES OF PROJECT PERSONNEL

ASHLEY P. HUTCHENS, REPA

Education

BS – Environmental Science (emphasis in Biology), Minor in Chemistry, University of North Carolina, Wilmington, 2000

Professional Licenses

Registered Environmental Property Assessor (REPA) (No. 940424)

Specialty Certifications

OSHA 40-Hour Health and Safety Training for Hazardous Waste Workers
OSHA 8-Hour Hazardous Waste Supervisor Training
8-Hour Annual Refresher Training for Hazardous Waste Site Activities
First-Aid and CPR Training
Leadership Skills to Enhance Client Service

Professional Affiliations

Professional Environmental Marketing Association (PEMA), Member (2011 to Present)
National Ground Water Association (NGWA), Member (2012)

Professional Experience

Since joining SCS in 2001, Ms. Hutchens has participated in hundreds of site assessment projects related to the investigation and remediation of hazardous chemicals in soils and groundwater. She a diverse background in environmental sciences, including technical skills related to collection of soil samples, determination of soil classifications and properties, and data collection, analysis and interpretation. As a Project Manager, her work experience includes all project phases, from development of cost estimates for various site assessment and cleanup programs, to groundwater monitoring and sampling, to preparation of final reports, to interfacing with regulatory agencies, and management of all aspects of projects and various subcontractors.

Selected project activities include:

- Involvement with numerous Phase I Environmental Assessments completed in accordance with various lender, ASTM, or government guidelines. Activities have consisted of evaluating current and past on-site operations, generating historical property use information, identifying potentially contaminated sites in the surrounding areas, reviewing previous reports and/or files maintained by regulatory agencies, and developing conclusions regarding the presence of Recognized Environmental Conditions and recommendations for further investigation.

- Involvement with numerous investigations of known or suspected hazardous waste sites to identify and characterize chemicals of concern in soil, soil vapor, and groundwater in accordance with regulatory requirements. Contaminants include a

variety of hydrocarbon products, solvents, heavy metals, polychlorinated biphenyls, and pesticides. Activities have included preparation of workplans, conducting soil gas surveys, installation of soil borings and subsequent sampling, and evaluation of applicable remedial alternatives.

- Groundwater well installation and monitoring. Projects have involved collection of soil and groundwater samples, installation and development of groundwater wells, evaluation of subsurface contaminants in groundwater in accordance with regulatory requirements or generally accepted guidelines, and evaluation of groundwater remediation alternatives.

- Involvement with numerous soil gas surveys to assess the presence, nature, and extent of volatile organic compounds (VOCs) and/or methane related to contaminated soils, groundwater, and/or landfills. Elements of these projects have included assessments of vapor intrusion, protection of structures from subsurface gases, monitoring of indoor air, and health risk assessments.

- Numerous projects related to the removal, investigation, and remediation of contamination from leaking underground storage tanks (USTs). In accordance with requirements of the various regulatory agencies throughout Southern California, these UST projects have included soil, soil gas, and groundwater contamination, and such tasks as evaluation of site and regional hydrogeologic conditions; development of workplans and health and safety plans; coordination and completion of tank removals; design of investigative programs; review and selection of potential remedial alternatives; and preparation of summary reports of findings.

- Oversight of projects involving installation of landfill gas mitigation systems and monitoring wells, including lithologic logging and design quality assurance (QA) at numerous landfills across Southern California.

- Characterization of hazardous waste materials, including collection of soil and/or liquid samples to profile waste materials, interpretation of laboratory results, and evaluation of disposal/recycling options to minimize costs and liabilities to clients associated with the removal of wastes.

- Planning, coordination, and supervision of remedial actions that included excavation, transport, and disposal of contaminated soils. Including preparation of Remedial Action Plans, direction of confirmatory sampling, and interfacing with regulatory agencies.

Project Management

Project Manager for assessment and remediation of numerous former dry cleaning facilities in Los Angeles and Orange Counties. Investigations have been completed at numerous active and former dry cleaning facilities to assess the potential for releases of solvents. Various investigations have included soil vapor assessments, collection of bulk soil samples, groundwater well installation and monitoring, indoor air sampling, and evaluation of indoor air intrusion risks.

Additional evaluations have been completed to define the extent of the plume and obtain information to evaluate remedial alternatives. Implemented remedial measures have included excavation, soil vapor extraction, monitored natural attenuation, and risk management. One project included installation of an interim vapor intrusion control system (IVICS), which was installed to introduce sub-slab depressurization to reduce indoor air intrusion risks from a former drycleaner release. The IVICS was installed on an immediate basis at the request of the client until further investigation could be conducted for design of a full-scale remediation system. Ms. Hutchens has coordinated and permitted investigation and remediation efforts through the various regulatory oversight agencies.

Project Manager for investigation and remediation of industrial facility redeveloped to commercial warehouse/office, Commerce, CA. SCS conducted a series of environmental assessments, investigations, and remedial activities that provided sufficient information to identify the environmental issues, business risks, and facilitate the client's successful purchase of property. A number of recognized environmental conditions, including former and an existing unpermitted underground fuel storage tanks, were identified. Project activities conducted concurrently with the redevelopment of the property included shallow and deep soil and soil vapor investigations; installation of groundwater monitoring wells and subsequent groundwater sampling; permitting and removal of existing UST, subsequent remedial excavation under Los Angeles County Fire Department (LACFD) oversight to obtain closure; shallow excavation of former UST area; installation of soil vapor extraction and monitoring wells conducted concurrently with redevelopment of the property; soil vapor extraction under Regional Water Quality Control Board (RWQCB) oversight; requesting and receiving closure under the State Water Resource Control Board's Low Threat UST Case Closure Policy.

Project Manager for site investigation and remedial activities, Retirement Housing Foundation, Los Angeles, CA. As follow-up to a Phase I Environmental Assessment completed on this property, soil and soil vapor investigations were completed to assess the potential for releases of heavy metals and VOCs based on historical operations at the property. Investigation activities indicated elevated tetrachloroethylene (PCE) and lead in the subsurface exceeding regulatory guidelines. Remediation of the lead-impacted soils was conducted under LACFD oversight. An evaluation of the health risk from PCE in the subsurface was conducted and submitted to the LACFD. Site closure with respect to PCE and lead in the subsurface was approved by LACFD facilitating the client's submittal for funding and the subsequent construction of the retirement housing development.

Project Manager for due diligence investigations at a manufacturing facility in Torrance, CA. SCS conducted a series of assessments, including a Phase I Environmental Site Assessment, various Phase II investigations, and remedial activities that provided sufficient information to identify the environmental issues, business risks and facilitate our client's successful sale of the property. A number of recognized environmental conditions including former and existing underground fuel storage tanks, a machine shop, wastewater treatment sumps and a clarifier, chemical storage, and chlorinated solvent degreasing operations were identified. Project activities included shallow and deep soil and soil vapor investigations, groundwater sampling, a geophysical survey and excavations to find an existing diesel UST previously closed in-place, removal of the UST, remedial excavations under Torrance Fire Department oversight to obtain UST closure, a workplan submitted to the Los Angeles RWQCB, installation of a soil vapor

extraction (SVE) system and monitoring wells, a long-term soil vapor extraction pilot test, an SVE Pilot Test Report, and recommendations for further SVE.

Project Manager for Environmental Investigations and Methane Monitoring, City of El Monte, CA. SCS has conducted several phases of work for the redevelopment of property in El Monte, a portion of which overlies a former burn dump. SCS worked with the Department of Toxic Substances Control to obtain an approved Remedial Action Workplan (which required a public comment period and California Environmental Quality Act review) to allow redevelopment to commence. Ms. Hutchens applied for a permit for excavation of the former burn dump with the South Coast Air Quality Management District on behalf of the owner and developer of the site. With the permit in place, SCS provided oversight of excavation activities as development activities commenced. In addition, methane monitoring was conducted to monitor for the presence of methane as a result of the former dumping activities. Ms. Hutchens is working with the Lead Enforcement Agency (LEA) and CalRecycle to provide them with the methane data and propose a long-term probe monitoring network to monitor the former dump area once the development is complete.

Health and Safety

Ms. Hutchens has participated in a certified health and safety program in compliance with OSHA Standard 29 CFR 1910.120. She is knowledgeable in incident response operations, team functions, personnel safety, and field equipment. She is able to recognize and evaluate potential chemical and physical hazards and associated risks in field operations; discuss and use personnel protective equipment such as respiratory protection and protective clothing; use and interpret direct-reading instruments; and examine and establish Standard Operating Safety Guidelines to ensure safe and effective response operations.

KEVIN W. GREEN, PG

Education

BS – Marine Biology, California State University, Long Beach, 1978

Professional Licenses

Professional Geologist – California, 1994 (No. 5906)
Professional Geologist – Wyoming, 2009 (No. PG-3702)

Professional Affiliations

National Ground Water Association
Groundwater Resources Association of California

Professional Experience

Mr. Green has a background in geology and paleontology. Since joining SCS in 1987, he has participated in numerous projects related to the investigation and remediation of hazardous chemicals in soils and groundwater. Selected project activities include:

- Project Manager for more than a thousand Phase I environmental assessments. These projects–completed in accordance with various lender, ASTM, or government guidelines–consist of evaluating current on-site operations, generation of historical property use information, identifying potentially contaminated sites in the surrounding areas, review of previous reports and/or files maintained by regulatory agencies, and conclusions and recommendations regarding the presence of Recognized Environmental Conditions and further investigation. Project sites have varied from private single-use parcels to hundreds of properties involving multiple tenants associated with state and local government right-of-way improvements.

- Hundreds of investigations of known or suspected hazardous waste sites to identify and characterize chemicals of concern in soil, soil vapor, and groundwater in accordance with regulatory requirements. Contaminants include a variety of hydrocarbon products, solvents, heavy metals, polychlorinated biphenyls (PCBs), and pesticides. Regulatory oversight agencies include the US Environmental Protection Agency (USEPA), Department of Toxic Substances Control (DTSC), and various Regional Water Quality Control Boards (RWQCBs), County Health or Fire Departments, and city Certified Unified Program Agencies (CUPAs).

- Project Manager for numerous soil gas surveys utilized to assess the presence, nature, and extent of volatile organic compounds and/or methane related to contaminated soils, groundwater, and/or landfills. Elements of these projects have included assessments of vapor intrusion, protection of structures from subsurface gases, monitoring of indoor air, and health risk assessments.

- Numerous projects related to the removal, investigation, and remediation of contamination from leaking underground storage tanks. In accordance with requirements of the various regulatory agencies throughout Southern California, these UST projects have included soil, soil gas and groundwater contamination, and have included such tasks as: evaluation of site and regional hydrogeologic conditions; development work plans and health and safety plans; coordinate and conduct tank removals; design of the investigative programs; review and selection of potential remedial alternatives; preparation of summary reports of findings; support of legal counsel in cost recovery actions; and support of client in cost recovery actions with the California UST Cleanup Fund.

- Project Manager for numerous remediation projects involving various hydrocarbon products, pesticides, chlorinated solvents, and/or heavy metals. Remediation projects include excavation and disposal of soils; on- and off-site treatment of soils; recovery and treatment/disposal of free product and groundwater; and the design, installation, and operation of vapor extraction systems for soil and groundwater contaminated with volatile organic compounds.

- Evaluation of environmental conditions at sanitary landfills. Mr. Green was Task Manager for the installation and sampling of groundwater monitoring wells at and adjacent to existing landfills to determine the presence of leachate. This work was done in accordance with state regulations and local ordinances.

- Project Manager for numerous lead-based paint (LBP) surveys and abatement projects for single and multifamily residential developments, commercial and public buildings. These projects consist of determining paint and/or dust sampling methodologies; interpretation of testing results; evaluation and recommendations for appropriate LBP hazards abatement; development of LBP abatement specifications; coordination and selection of licensed LBP abatement subcontractors; collection and analysis of abatement confirmation samples; characterization of waste materials; and preparation of summary reports documenting LBP surveys and the appropriate removal and disposal of LBP-related hazards.

- Expert testimony and research support for litigation related to environmental assessments, and the investigation and remediation of hazardous waste sites.

Project experience is as follows:

Project Manager for assessment and vapor extraction remediation of a former industrial dry cleaning facility. Tasks included initial indoor air assessment for Proposition 65 compliance; coordination of equipment, subcontractors, and personnel for the installation of vapor extraction and monitoring wells, header lines, and vapor extraction system (VES), including acid "scrubber" for treated vapors, treatment pad and enclosure, electrical power, natural gas, water supply and wastewater discharge; city, county and Air Quality Management District (AQMD) permits; operation and maintenance of VES; regulatory reporting; and decommissioning of VES upon regulatory closure.

Project Director for general environmental consulting services for the Community Redevelopment Agency of the City of Los Angeles, CA. With 144 work order directives for services over an approximately 15-year period, these projects include initial site assessments, asbestos-containing material (ACM) surveys, lead-based paint (LBP) surveys, soil gas surveys, soils investigations, groundwater investigations, remedial and abatement activities for soils, asbestos, and LBP, second-party reviews of reports and work completed by other environmental consultants, underground storage tank (UST) removals, groundwater well abandonment, Brownfields consulting, and an environmental audit of hazardous materials handling practices of the client's operations. These projects were completed on vacant, former oil field, residential, commercial, industrial, and manufacturing properties ranging in size from a single lot to a 29-block mixed-use area. In addition to ACMs and LBP, constituents of concern that have been identified include a variety of petroleum hydrocarbon products, chlorinated solvents, heavy metals, PCBs, pesticides, and subsurface combustible gases such as methane and volatile organic compounds.

Project Director for Brownfields Redevelopment Site, Los Angeles, CA. SCS completed several phases of environmental services to facilitate the mixed-use redevelopment of property for a parking garage, childcare center, and affordable housing. Historical machine shop operations had resulted in a release of tetrachloroethylene (PCE) to soils. Although some cleanup was conducted in the early 1990s, residual PCE contamination remained. In accordance with current standards and with the proposed goal of affordable housing and childcare center, SCS re-investigated the site under the oversight of the Los Angeles RWQCB. Services provided for this project included investigations of soil and soil gas, health risk assessment and selection of remedial and mitigation options, design of vapor barrier to protect the building from chlorinated solvents, coordination and oversight remedial excavation, oversight and certification for installation of a sub-building vapor barrier, post-construction monitoring of indoor, background and sub-slab air to confirm that remediation and mitigation measures have met regulatory goals, and coordination of a No Further Action letter from the regulatory authority.

Project Director for due diligence investigations, manufacturing facility, Torrance, CA. SCS conducted a series of environmental assessments, investigations, and remedial activities that provided sufficient information to identify the environmental issues, business risks and facilitate the client's successful sale of property. A number of recognized environmental conditions including former and existing underground fuel storage tanks, a machine shop, wastewater treatment sumps and clarifier, paint shop, chemical storage, and chlorinated solvent degreasing operations were identified. Project activities included: shallow and deep soil and soil vapor investigations, followed by groundwater sampling; geophysical survey and excavations to find an existing diesel UST previously closed in-place, removal of the UST, and remedial excavations under Torrance Fire Department oversight to obtain closure; long-term soil vapor extraction pilot test including a workplan submitted to the Los Angeles RWQCB, installation of vapor extraction and monitoring wells, Soil Vapor Extraction (SVE) Pilot Test Report, and recommendations for further SVE.

Project Manager for the investigation, abatement, and subsequent demolition of a building containing a shooting range, as a part of an RCRA (Resource, Conservation and Recovery Act) facility closure under oversight by the California DTSC. Lead-containing dust from the shooting range was found to have contaminated building materials and soils. This project

involved the selection of remedial methods and contractors, monitoring of workers to assess exposure to lead-containing dust, monitoring of dust emissions during demolition to confirm compliance, confirmation sampling and analyses, characterization of wastes for disposal, and submittal of a summary report documenting the appropriate remediation and disposal of lead-containing wastes.

Project Director for the investigation and remediation of a former wood treating facility under the oversight of the California DTSC. Chemicals of potential concern include pentachlorophenol, creosote, diesel fuel, methylene chloride, zinc, copper, and arsenic. Project elements included a Remedial Investigation/Feasibility Study (RI/FS) report for vadose zone soil, including a Health Risk Assessment; Remedial Action Plan for impacted soil, which recommended capping as the most feasible remedial alternative; a cone penetrometer (CPT) study aimed at further defining site stratigraphy, evaluating for the presence of nonaqueous phase liquids, and mapping the areal distribution of chemicals of concern; quarterly groundwater monitoring from 16 wells; Storm Water Pollution Prevention Plan (SWPPP) and monitoring; and assistance to client in development and/or sale of the property.

Project Manager for well investigation program compliance under RWQCB oversight at a jet engine repair, maintenance, and testing facility. Information from this investigation was used by the USEPA to identify Potentially Responsible Parties for the San Fernando Valley Superfund site. On-site operations included 14 USTs; numerous clarifiers, sumps, and drain lines; plating, machining, and painting shops; a jet engine test facility; and solvent, alkaline, and steam cleaning facilities. Approximately 70 exploratory soil borings were drilled and analyzed for chlorinated solvents, heavy metals, cyanide, and various hydrocarbon products, such as gasoline, machining and waste oils, Stoddard solvent, and jet fuel. A soil gas survey of the facility was also conducted to screen for potential contamination by volatile organic compounds, including the installation of multi-depth, nested soil vapor monitoring wells. Fate and transport modeling of chlorinated solvents was used to assess the potential for impacts to groundwater. The RWQCB issued a No Further Action letter for the investigation and remediation of chlorinated solvents at the site. The project also included design, permitting, construction, and operation and maintenance of a hot air-assisted Vapor Extraction System to remediate Jet A-impacted soils. After 1 year of operation, remediation was sufficient to obtain closure with no further requirements from the RWQCB. Further, as a part of the decommissioning and demolition of the facility, a comprehensive survey for ACMs in nine buildings was conducted. SCS prepared plans and specifications for the abatement of ACMs, assisted the client in selection of an abatement contractor, conducted daily oversight of abatement activities including air monitoring, and prepared a final report documenting the appropriate removal and disposal of ACMs.

Project Director for redevelopment and closure of historical industrial site. Prior to acquisition of this property, SCS conducted a due diligence assessment and several phases of investigation to identify recognized environmental conditions, characterize the nature and extent of contamination, evaluate costs and environmental liabilities, and facilitate the client's successful purchase of the property. Following acquisition, and as a part of site redevelopment and thereafter, SCS provided additional site characterization and remediation services under regulatory oversight and with closure.

Project activities, conducted concurrently with property redevelopment, included:

- Shallow and deep soil and soil vapor investigations for due diligence purposes.
- Oil well abandonment under California Division of Oil, Gas and Geothermal Resources (DOGGR) oversight.
- Permitting and removal of an existing UST and remedial excavation under Los Angeles County Department of Public Works oversight.
- Under RWQCB oversight, shallow soil excavation of a former UST area, installation and operation of a separate SVE system for deeper soil contamination, and installation and monitoring of groundwater wells.

SCS met with the RWQCB on several occasions to make a case for closure under the State Water Resource Control Board's Low Threat UST Case Closure Policy. Upon completion of a closure investigation in October 2013, and a subsequent meeting to defend the case for closure, the RWQCB concurred with SCS's conclusions and approved the closure process under the Low Threat Policy. Following SVE and well abandonment activities, the RWQCB issued a No Further Action letter for the property in July 2014.

Mr. Green has participated in a certified health and safety program in compliance with OSHA Standard 29 CFR 1910.120. He is knowledgeable in incident response operations, team functions, personnel safety, and field equipment. He is able to recognize and evaluate potential chemical and physical hazards and associated risks in field operations; discuss and use personnel protective equipment such as respiratory protection and protective clothing; use and interpret direct-reading instruments; and examine and establish Standard Operating Safety Guidelines to ensure safe and effective response operations.

Mr. Green has been involved in numerous SCS projects related to hazardous waste characterization and management. He has experience in site assessment studies, underground tank investigations and their associated remediation programs, landfill studies, and geologic and hydrogeologic site characterization studies. His work experience includes all project phases from development of cost estimates for various site assessment and cleanup programs, to groundwater monitoring and sampling, to preparation of final reports and interfacing with regulatory agencies.

Litigation Support/Expert Testimony

Mr. Green has provided litigation support and expert testimony to legal counsel, including conducting research, and preparing reports and other supporting documents, in the following environmental cases:

- In August 2013, Mr. Green provided testimony in federal court on behalf of the plaintiff in City of Banning v. Dureau et al., regarding the contractor's emergency response to a waste oil spill that entered the storm drain system. Testimony related to investigative and remedial actions and the applicability of, and compliance with, the National Contingency Plan (NCP). The case was won by the City of Banning.

- In October 2012, Mr. Green was retained as an expert witness by the defendant in Clipper Yacht Company, LLC v. Anderson's Boat Yard, Inc., to review documents, consult with legal counsel, and provide expert opinions at deposition and trial regarding contamination at a boat yard and associated marina in Sausalito, CA. Specific topics of interest include the adequacy of previous investigations and remediation efforts, the sources of contamination (particularly copper), cleanup levels, and likelihood and estimated costs of additional remediation. This case was settled prior to trial.

- In August 2011, as part of the new property owner's litigation against the former tenant (Alfaville, LLC v. L.A. Signal, Inc.), Mr. Green provided testimony as a percipient witness, primarily as to the source and timing of a prior PCE release. In a Phase I Environmental Assessment prepared by SCS in 2008, PCE solvent use by the departing property tenant was identified. Several phases of subsequent site investigation confirmed a release of PCE to soil and soil vapor with likely impacts to groundwater. Groundwater monitoring is on-going under Los Angeles Regional Water Quality Control Board oversight. Remediation by soil vapor extraction may be conducted. This case was settled.

- In November 2008, Mr. Green provided an expert report and court testimony on behalf of the plaintiff in Malcolm Carter Enterprise v. Microsemi Real Estate, Inc. At issue was the evaluation of data for a Phase I Environmental Site Assessment, identification of Recognized Environmental Concerns, regional and site-specific groundwater contamination by chlorinated solvents, selection of an appropriate regulatory agency for remedial oversight, and applicability of the No Further Action letter. This case was won by the plaintiff.

- In 2010, Mr. Green was retained by the defendant in City of Riverside v. Johnson Revocable Trust, et al., to review documents, consult with legal counsel, and provide expert reports and deposition and expert testimony regarding an eminent domain case in Riverside, CA. Specific topics of interest included the adequacy of previous investigation, the source or sources of a PCE release, and the likelihood and estimated costs of remediation. This case was settled prior to trial.

- In 2009, Mr. Green conducted a review of the scope-of-work and fees charged by another environmental consultant conducting expert witness work on a development project in Santa Clarita. A declaration was provided to the Plaintiff's counsel regarding typical consultant fees, and the reasonableness of the time and expenses charged in relation to the final work product.

- In 2006, Mr. Green reviewed documents, consulted with legal counsel, and provided deposition and expert testimony regarding the source and timing of a methyl tertiary butyl ether (MTBE) release at a service station site in Strathmore, CA. This case was settled prior to trial.

- In 2003, Mr. Green provided litigation support regarding the scope and limitations of a Phase I Environmental Assessment as it pertains to a service station site in San Bernardino, CA.

- In 1998, Mr. Green provided expert consulting services related to the use, history, and migration of hexavalent chromium and perchloroethene in soil and groundwater at a former plating site and adjacent Los Angeles Unified School District (LAUSD) school property, and proper allocation of responsibility regarding those issues.

- In 1994, Mr. Green provided a client's in-house and outside legal counsel with technical support on a case involving cost recovery/allocation and potential involvement in the Burbank Operable Unit of the San Fernando Valley Superfund site. This project included assessment of the nature, extent, fate, and transport of potential contaminants (chlorinated solvents, fuels and/or heavy metals), previous and proposed site investigations, possible remedial alternatives and costs, and environmental investigations and/or remediation on properties in the surrounding area.

- Mr. Green has also provided outside legal counsel with technical support for due diligence assessment at a property in Irvine, CA. The client's site was located adjacent to a service station that had groundwater impacted with gasoline-related constituents, including MTBE. His work involved obtaining regulatory records, review, and written summary regarding regulatory requirements and anticipated actions, health risks, and necessity of additional site assessment and/or investigation work on the client's property.

- He has also assisted a client and the client's legal counsel with review of information and response to the Los Angeles RWQCB's request for a Workplan for investigation of suspected hexavalent chromium impacts to soil and groundwater at the client's former operation, located adjacent to the Burbank Airport and within the Burbank Operable Unit of the San Fernando Valley Superfund Site. The Workplan and further investigation were not subsequently required.

- In 1991, Mr. Green provided expert testimony in Azusa Redevelopment Agency v. Exxon, a case involving investigation and remediation of gasoline contaminated soil at a former Exxon station.

- 1991, Mr. Green provided expert testimony for Art Movers, Inc., in a case involving previous site investigations, proposed remedial activities, and potential risks to groundwater resources from perchloroethene-contaminated soils.

Publications and Presentations

Green, K. W. Vapor Encroachment & Intrusion: What are the Real (Estate) Risks? Journal of Property Management. March-April 2014.

Marsh, J. R., and K. W. Green. All Appropriate Inquiry - The New Phase I Standard. California Real Estate Journal. May 8, 2006.

Green, K. W., T. Dong, and D. R. Ness. Industrial Drycleaner Woes, Vernon, California. Proceedings of the Groundwater Resources Association. November 10, 2004.

Marsh, J. R., K. W. Green, and T. Dong. Standardizing Environmental Assessments: A Practical Perspective. Journal of Environmental Engineering. Vol. 122, No. 3. March 1996.

Marsh, J. R., K. W. Green, and T. Dong. Phase I Assessments and Due Diligence: One and the Same? Environmental Engineering Forum, American Society of Civil Engineers, Environmental Engineering Division. Journal of Environmental Engineering. Vol. 120, No. 6, November/ December 1994.

Green, K. W., and B. Garbaccio. Understanding and Interpreting a Site Investigation Report. California Redevelopment Journal. October 1994

Marsh, J. R., and K. W. Green. What Your Phase I Assessment Dollars Buy. California Redevelopment Association Journal. July 1994.

Appendix F

Noise Measurement and Analyses Data

- Freq Weight : A
- Time Weight : FAST
- Max dB : 83.3 - 2019/01/30 08:23:54
- SEL : 90.9
- Leq : 63.2
-

No.s	Date Time	(dB)
1	2019/01/30 08:22:25	55.6
2	2019/01/30 08:22:28	57.5
3	2019/01/30 08:22:31	60.0
4	2019/01/30 08:22:34	65.8
5	2019/01/30 08:22:37	60.2
6	2019/01/30 08:22:40	60.7
7	2019/01/30 08:22:43	67.7
8	2019/01/30 08:22:46	66.8
9	2019/01/30 08:22:49	60.8
10	2019/01/30 08:22:52	62.3
11	2019/01/30 08:22:55	57.7
12	2019/01/30 08:22:58	53.6
13	2019/01/30 08:23:01	54.6
14	2019/01/30 08:23:04	52.9
15	2019/01/30 08:23:07	51.2
16	2019/01/30 08:23:10	51.1
17	2019/01/30 08:23:13	52.4
18	2019/01/30 08:23:16	52.2
19	2019/01/30 08:23:19	50.7
20	2019/01/30 08:23:22	54.7
21	2019/01/30 08:23:25	55.4
22	2019/01/30 08:23:28	58.2
23	2019/01/30 08:23:31	65.0
24	2019/01/30 08:23:34	64.1
25	2019/01/30 08:23:37	65.1
26	2019/01/30 08:23:40	64.1
27	2019/01/30 08:23:43	66.9
28	2019/01/30 08:23:46	70.3
29	2019/01/30 08:23:49	74.7
30	2019/01/30 08:23:52	82.9
31	2019/01/30 08:23:55	77.7
32	2019/01/30 08:23:58	62.0
33	2019/01/30 08:24:01	65.0
34	2019/01/30 08:24:04	72.8
35	2019/01/30 08:24:07	67.4
36	2019/01/30 08:24:10	70.1
37	2019/01/30 08:24:13	61.3
38	2019/01/30 08:24:16	56.9
39	2019/01/30 08:24:19	53.1
40	2019/01/30 08:24:22	50.3
41	2019/01/30 08:24:25	51.9
42	2019/01/30 08:24:28	52.8
43	2019/01/30 08:24:31	52.1
44	2019/01/30 08:24:34	53.7
45	2019/01/30 08:24:37	53.0
46	2019/01/30 08:24:40	53.1
47	2019/01/30 08:24:43	53.6
48	2019/01/30 08:24:46	52.7
49	2019/01/30 08:24:49	53.5
50	2019/01/30 08:24:52	55.0
51	2019/01/30 08:24:55	58.8
52	2019/01/30 08:24:58	71.3
53	2019/01/30 08:25:01	68.0
54	2019/01/30 08:25:04	61.1
55	2019/01/30 08:25:07	56.5
56	2019/01/30 08:25:10	58.1
57	2019/01/30 08:25:13	56.0
58	2019/01/30 08:25:16	57.4
59	2019/01/30 08:25:19	58.6
60	2019/01/30 08:25:22	60.0
61	2019/01/30 08:25:25	65.4
62	2019/01/30 08:25:28	67.1
63	2019/01/30 08:25:31	69.9
64	2019/01/30 08:25:34	67.3
65	2019/01/30 08:25:37	67.3
66	2019/01/30 08:25:40	58.3
67	2019/01/30 08:25:43	58.1
68	2019/01/30 08:25:46	62.7
69	2019/01/30 08:25:49	66.3
70	2019/01/30 08:25:52	62.9
71	2019/01/30 08:25:55	59.0
72	2019/01/30 08:25:58	56.6
73	2019/01/30 08:26:01	63.5
74	2019/01/30 08:26:04	65.0
75	2019/01/30 08:26:07	59.7
76	2019/01/30 08:26:10	54.9
77	2019/01/30 08:26:13	53.1
78	2019/01/30 08:26:16	51.9
79	2019/01/30 08:26:19	52.1
80	2019/01/30 08:26:22	50.7
81	2019/01/30 08:26:25	50.9
82	2019/01/30 08:26:28	51.2
83	2019/01/30 08:26:31	50.4
84	2019/01/30 08:26:34	50.6
85	2019/01/30 08:26:37	51.0

86	2019/01/30 08:26:40	50.7
87	2019/01/30 08:26:43	50.5
88	2019/01/30 08:26:46	51.3
89	2019/01/30 08:26:49	50.9
90	2019/01/30 08:26:52	54.0
91	2019/01/30 08:26:55	49.6
92	2019/01/30 08:26:58	49.8
93	2019/01/30 08:27:01	50.2
94	2019/01/30 08:27:04	49.3
95	2019/01/30 08:27:07	50.7
96	2019/01/30 08:27:10	51.0
97	2019/01/30 08:27:13	52.8
98	2019/01/30 08:27:16	50.1
99	2019/01/30 08:27:19	50.0
100	2019/01/30 08:27:22	51.0
101	2019/01/30 08:27:25	49.3
102	2019/01/30 08:27:28	49.3
103	2019/01/30 08:27:31	50.1
104	2019/01/30 08:27:34	50.0
105	2019/01/30 08:27:37	50.5
106	2019/01/30 08:27:40	51.3
107	2019/01/30 08:27:43	50.5
108	2019/01/30 08:27:46	50.6
109	2019/01/30 08:27:49	50.4
110	2019/01/30 08:27:52	50.0
111	2019/01/30 08:27:55	50.1
112	2019/01/30 08:27:58	51.2
113	2019/01/30 08:28:01	50.4
114	2019/01/30 08:28:04	49.9
115	2019/01/30 08:28:07	50.1
116	2019/01/30 08:28:10	51.6
117	2019/01/30 08:28:13	50.2
118	2019/01/30 08:28:16	48.8
119	2019/01/30 08:28:19	47.8
120	2019/01/30 08:28:22	48.1
121	2019/01/30 08:28:25	49.2
122	2019/01/30 08:28:28	48.6
123	2019/01/30 08:28:31	49.9
124	2019/01/30 08:28:34	48.0
125	2019/01/30 08:28:37	49.0
126	2019/01/30 08:28:40	49.3
127	2019/01/30 08:28:43	49.5
128	2019/01/30 08:28:46	49.6
129	2019/01/30 08:28:49	49.4
130	2019/01/30 08:28:52	49.4
131	2019/01/30 08:28:55	49.4
132	2019/01/30 08:28:58	49.3
133	2019/01/30 08:29:01	49.8
134	2019/01/30 08:29:04	49.6
135	2019/01/30 08:29:07	50.1
136	2019/01/30 08:29:10	51.7
137	2019/01/30 08:29:13	50.8
138	2019/01/30 08:29:16	49.9
139	2019/01/30 08:29:19	52.5
140	2019/01/30 08:29:22	50.5
141	2019/01/30 08:29:25	50.7
142	2019/01/30 08:29:28	50.9
143	2019/01/30 08:29:31	50.3
144	2019/01/30 08:29:34	50.6
145	2019/01/30 08:29:37	51.5
146	2019/01/30 08:29:40	51.1
147	2019/01/30 08:29:43	51.1
148	2019/01/30 08:29:46	51.3
149	2019/01/30 08:29:49	50.5
150	2019/01/30 08:29:52	51.3
151	2019/01/30 08:29:55	53.1
152	2019/01/30 08:29:58	53.3
153	2019/01/30 08:30:01	51.4
154	2019/01/30 08:30:04	51.4
155	2019/01/30 08:30:07	51.7
156	2019/01/30 08:30:10	52.1
157	2019/01/30 08:30:13	52.8
158	2019/01/30 08:30:16	54.4
159	2019/01/30 08:30:19	60.9
160	2019/01/30 08:30:22	64.8
161	2019/01/30 08:30:25	63.2
162	2019/01/30 08:30:28	59.4
163	2019/01/30 08:30:31	54.8
164	2019/01/30 08:30:34	54.1
165	2019/01/30 08:30:37	53.9
166	2019/01/30 08:30:40	54.6
167	2019/01/30 08:30:43	53.2
168	2019/01/30 08:30:46	53.5
169	2019/01/30 08:30:49	54.2
170	2019/01/30 08:30:52	60.2
171	2019/01/30 08:30:55	58.1
172	2019/01/30 08:30:58	57.2
173	2019/01/30 08:31:01	57.4
174	2019/01/30 08:31:04	70.4
175	2019/01/30 08:31:07	66.1
176	2019/01/30 08:31:10	59.0
177	2019/01/30 08:31:13	57.7
178	2019/01/30 08:31:16	56.4
179	2019/01/30 08:31:19	53.6
180	2019/01/30 08:31:22	52.9
181	2019/01/30 08:31:25	52.6
182	2019/01/30 08:31:28	55.3
183	2019/01/30 08:31:31	52.9
184	2019/01/30 08:31:34	52.7

185	2019/01/30	08:31:37	53.0
186	2019/01/30	08:31:40	52.1
187	2019/01/30	08:31:43	59.0
188	2019/01/30	08:31:46	52.2
189	2019/01/30	08:31:49	52.2
190	2019/01/30	08:31:52	52.4
191	2019/01/30	08:31:55	52.2
192	2019/01/30	08:31:58	52.1
193	2019/01/30	08:32:01	51.5
194	2019/01/30	08:32:04	51.9
195	2019/01/30	08:32:07	52.0
196	2019/01/30	08:32:10	53.0
197	2019/01/30	08:32:13	53.2
198	2019/01/30	08:32:16	52.0
199	2019/01/30	08:32:19	52.4
200	2019/01/30	08:32:22	53.0

- Freq Weight : A
- Time Weight : FAST
- Max dB : 75.8 - 2019/01/30 08:45:00
- SEL : 85.9
- Leq : 58.2
-

No.s	Date Time	(dB)
1	2019/01/30 08:35:26	53.0
2	2019/01/30 08:35:29	52.6
3	2019/01/30 08:35:32	52.8
4	2019/01/30 08:35:35	53.3
5	2019/01/30 08:35:38	53.5
6	2019/01/30 08:35:41	54.7
7	2019/01/30 08:35:44	53.2
8	2019/01/30 08:35:47	53.4
9	2019/01/30 08:35:50	61.4
10	2019/01/30 08:35:53	65.0
11	2019/01/30 08:35:56	61.2
12	2019/01/30 08:35:59	54.6
13	2019/01/30 08:36:02	56.3
14	2019/01/30 08:36:05	53.8
15	2019/01/30 08:36:08	58.3
16	2019/01/30 08:36:11	67.3
17	2019/01/30 08:36:14	57.7
18	2019/01/30 08:36:17	53.9
19	2019/01/30 08:36:20	53.1
20	2019/01/30 08:36:23	53.7
21	2019/01/30 08:36:26	55.3
22	2019/01/30 08:36:29	52.5
23	2019/01/30 08:36:32	53.5
24	2019/01/30 08:36:35	58.3
25	2019/01/30 08:36:38	56.4
26	2019/01/30 08:36:41	58.2
27	2019/01/30 08:36:44	56.6
28	2019/01/30 08:36:47	56.8
29	2019/01/30 08:36:50	58.0
30	2019/01/30 08:36:53	56.7
31	2019/01/30 08:36:56	53.9
32	2019/01/30 08:36:59	55.2
33	2019/01/30 08:37:02	53.5
34	2019/01/30 08:37:05	53.4
35	2019/01/30 08:37:08	52.9
36	2019/01/30 08:37:11	53.0
37	2019/01/30 08:37:14	52.7
38	2019/01/30 08:37:17	53.3
39	2019/01/30 08:37:20	54.9
40	2019/01/30 08:37:23	55.1
41	2019/01/30 08:37:26	54.6
42	2019/01/30 08:37:29	53.7
43	2019/01/30 08:37:32	54.5
44	2019/01/30 08:37:35	53.2
45	2019/01/30 08:37:38	53.7
46	2019/01/30 08:37:41	52.6
47	2019/01/30 08:37:44	53.0
48	2019/01/30 08:37:47	53.0
49	2019/01/30 08:37:50	54.1
50	2019/01/30 08:37:53	53.4
51	2019/01/30 08:37:56	54.1
52	2019/01/30 08:37:59	52.7
53	2019/01/30 08:38:02	51.4
54	2019/01/30 08:38:05	52.7
55	2019/01/30 08:38:08	52.2
56	2019/01/30 08:38:11	52.5
57	2019/01/30 08:38:14	52.2
58	2019/01/30 08:38:17	52.9
59	2019/01/30 08:38:20	52.1
60	2019/01/30 08:38:23	51.4
61	2019/01/30 08:38:26	52.2
62	2019/01/30 08:38:29	52.9
63	2019/01/30 08:38:32	52.6
64	2019/01/30 08:38:35	53.3
65	2019/01/30 08:38:38	54.4
66	2019/01/30 08:38:41	52.9
67	2019/01/30 08:38:44	54.5
68	2019/01/30 08:38:47	54.4
69	2019/01/30 08:38:50	52.2
70	2019/01/30 08:38:53	52.6
71	2019/01/30 08:38:56	54.7
72	2019/01/30 08:38:59	52.6
73	2019/01/30 08:39:02	52.8
74	2019/01/30 08:39:05	53.0
75	2019/01/30 08:39:08	53.2
76	2019/01/30 08:39:11	54.1
77	2019/01/30 08:39:14	54.9
78	2019/01/30 08:39:17	54.8
79	2019/01/30 08:39:20	53.3
80	2019/01/30 08:39:23	53.2
81	2019/01/30 08:39:26	56.7
82	2019/01/30 08:39:29	55.2
83	2019/01/30 08:39:32	53.0
84	2019/01/30 08:39:35	52.8
85	2019/01/30 08:39:38	57.1

86	2019/01/30 08:39:41	53.0
87	2019/01/30 08:39:44	50.9
88	2019/01/30 08:39:47	51.3
89	2019/01/30 08:39:50	54.1
90	2019/01/30 08:39:53	52.3
91	2019/01/30 08:39:56	52.4
92	2019/01/30 08:39:59	52.8
93	2019/01/30 08:40:02	54.6
94	2019/01/30 08:40:05	51.8
95	2019/01/30 08:40:08	52.1
96	2019/01/30 08:40:11	52.2
97	2019/01/30 08:40:14	51.4
98	2019/01/30 08:40:17	52.4
99	2019/01/30 08:40:20	57.0
100	2019/01/30 08:40:23	52.4
101	2019/01/30 08:40:26	52.2
102	2019/01/30 08:40:29	53.7
103	2019/01/30 08:40:32	54.5
104	2019/01/30 08:40:35	54.3
105	2019/01/30 08:40:38	53.8
106	2019/01/30 08:40:41	53.5
107	2019/01/30 08:40:44	55.7
108	2019/01/30 08:40:47	54.1
109	2019/01/30 08:40:50	52.9
110	2019/01/30 08:40:53	54.3
111	2019/01/30 08:40:56	55.7
112	2019/01/30 08:40:59	58.0
113	2019/01/30 08:41:02	64.6
114	2019/01/30 08:41:05	60.6
115	2019/01/30 08:41:08	56.6
116	2019/01/30 08:41:11	56.7
117	2019/01/30 08:41:14	55.1
118	2019/01/30 08:41:17	53.3
119	2019/01/30 08:41:20	54.4
120	2019/01/30 08:41:23	52.5
121	2019/01/30 08:41:26	55.2
122	2019/01/30 08:41:29	55.3
123	2019/01/30 08:41:32	55.2
124	2019/01/30 08:41:35	55.0
125	2019/01/30 08:41:38	53.7
126	2019/01/30 08:41:41	53.4
127	2019/01/30 08:41:44	54.9
128	2019/01/30 08:41:47	54.2
129	2019/01/30 08:41:50	54.8
130	2019/01/30 08:41:53	55.9
131	2019/01/30 08:41:56	56.8
132	2019/01/30 08:41:59	52.3
133	2019/01/30 08:42:02	56.7
134	2019/01/30 08:42:05	69.2
135	2019/01/30 08:42:08	57.7
136	2019/01/30 08:42:11	55.0
137	2019/01/30 08:42:14	52.7
138	2019/01/30 08:42:17	52.8
139	2019/01/30 08:42:20	54.3
140	2019/01/30 08:42:23	55.3
141	2019/01/30 08:42:26	56.6
142	2019/01/30 08:42:29	55.7
143	2019/01/30 08:42:32	56.4
144	2019/01/30 08:42:35	57.1
145	2019/01/30 08:42:38	54.5
146	2019/01/30 08:42:41	54.3
147	2019/01/30 08:42:44	55.3
148	2019/01/30 08:42:47	54.4
149	2019/01/30 08:42:50	53.7
150	2019/01/30 08:42:53	53.0
151	2019/01/30 08:42:56	52.7
152	2019/01/30 08:42:59	56.7
153	2019/01/30 08:43:02	51.8
154	2019/01/30 08:43:05	57.7
155	2019/01/30 08:43:08	57.1
156	2019/01/30 08:43:11	69.7
157	2019/01/30 08:43:14	56.9
158	2019/01/30 08:43:17	53.3
159	2019/01/30 08:43:20	55.0
160	2019/01/30 08:43:23	52.2
161	2019/01/30 08:43:26	53.6
162	2019/01/30 08:43:29	54.6
163	2019/01/30 08:43:32	55.6
164	2019/01/30 08:43:35	56.5
165	2019/01/30 08:43:38	54.4
166	2019/01/30 08:43:41	55.0
167	2019/01/30 08:43:44	54.4
168	2019/01/30 08:43:47	57.9
169	2019/01/30 08:43:50	54.5
170	2019/01/30 08:43:53	52.7
171	2019/01/30 08:43:56	52.4
172	2019/01/30 08:43:59	52.4
173	2019/01/30 08:44:02	57.4
174	2019/01/30 08:44:05	54.8
175	2019/01/30 08:44:08	53.8
176	2019/01/30 08:44:11	54.4
177	2019/01/30 08:44:14	53.3
178	2019/01/30 08:44:17	51.8
179	2019/01/30 08:44:20	52.5
180	2019/01/30 08:44:23	54.3
181	2019/01/30 08:44:26	57.8
182	2019/01/30 08:44:29	54.3
183	2019/01/30 08:44:32	55.2
184	2019/01/30 08:44:35	53.2

185	2019/01/30 08:44:38	57.8
186	2019/01/30 08:44:41	54.1
187	2019/01/30 08:44:44	54.7
188	2019/01/30 08:44:47	58.2
189	2019/01/30 08:44:50	61.4
190	2019/01/30 08:44:53	66.2
191	2019/01/30 08:44:56	73.0
192	2019/01/30 08:44:59	74.2
193	2019/01/30 08:45:02	63.3
194	2019/01/30 08:45:05	60.4
195	2019/01/30 08:45:08	56.7
196	2019/01/30 08:45:11	54.9
197	2019/01/30 08:45:14	58.5
198	2019/01/30 08:45:17	58.4
199	2019/01/30 08:45:20	58.0
200	2019/01/30 08:45:23	58.7

- Freq Weight : A
- Time Weight : FAST
- Max dB : 87.4 - 2019/01/30 08:59:08
- SEL : 102.4
- Leq : 74.7
-

No.s	Date Time	(dB)
1	2019/01/30 08:52:09	72.1
2	2019/01/30 08:52:12	76.7
3	2019/01/30 08:52:15	77.4
4	2019/01/30 08:52:18	70.7
5	2019/01/30 08:52:21	67.0
6	2019/01/30 08:52:24	69.1
7	2019/01/30 08:52:27	73.2
8	2019/01/30 08:52:30	67.3
9	2019/01/30 08:52:33	70.3
10	2019/01/30 08:52:36	74.1
11	2019/01/30 08:52:39	75.8
12	2019/01/30 08:52:42	70.1
13	2019/01/30 08:52:45	74.3
14	2019/01/30 08:52:48	78.6
15	2019/01/30 08:52:51	77.1
16	2019/01/30 08:52:54	72.4
17	2019/01/30 08:52:57	76.4
18	2019/01/30 08:53:00	83.2
19	2019/01/30 08:53:03	77.0
20	2019/01/30 08:53:06	77.6
21	2019/01/30 08:53:09	74.9
22	2019/01/30 08:53:12	73.0
23	2019/01/30 08:53:15	78.7
24	2019/01/30 08:53:18	78.7
25	2019/01/30 08:53:21	72.8
26	2019/01/30 08:53:24	81.7
27	2019/01/30 08:53:27	74.0
28	2019/01/30 08:53:30	80.1
29	2019/01/30 08:53:33	76.2
30	2019/01/30 08:53:36	78.7
31	2019/01/30 08:53:39	77.6
32	2019/01/30 08:53:42	76.3
33	2019/01/30 08:53:45	74.0
34	2019/01/30 08:53:48	73.6
35	2019/01/30 08:53:51	64.2
36	2019/01/30 08:53:54	63.8
37	2019/01/30 08:53:57	84.3
38	2019/01/30 08:54:00	69.2
39	2019/01/30 08:54:03	69.3
40	2019/01/30 08:54:06	65.4
41	2019/01/30 08:54:09	67.9
42	2019/01/30 08:54:12	73.0
43	2019/01/30 08:54:15	58.6
44	2019/01/30 08:54:18	60.0
45	2019/01/30 08:54:21	66.4
46	2019/01/30 08:54:24	67.2
47	2019/01/30 08:54:27	65.1
48	2019/01/30 08:54:30	81.6
49	2019/01/30 08:54:33	62.9
50	2019/01/30 08:54:36	59.8
51	2019/01/30 08:54:39	58.7
52	2019/01/30 08:54:42	58.4
53	2019/01/30 08:54:45	61.4
54	2019/01/30 08:54:48	67.3
55	2019/01/30 08:54:51	70.7
56	2019/01/30 08:54:54	71.8
57	2019/01/30 08:54:57	69.8
58	2019/01/30 08:55:00	81.8
59	2019/01/30 08:55:03	78.0
60	2019/01/30 08:55:06	75.9
61	2019/01/30 08:55:09	76.3
62	2019/01/30 08:55:12	78.6
63	2019/01/30 08:55:15	77.6
64	2019/01/30 08:55:18	73.7
65	2019/01/30 08:55:21	76.4
66	2019/01/30 08:55:24	78.5
67	2019/01/30 08:55:27	75.2
68	2019/01/30 08:55:30	75.3
69	2019/01/30 08:55:33	77.5
70	2019/01/30 08:55:36	77.4
71	2019/01/30 08:55:39	78.8
72	2019/01/30 08:55:42	74.0
73	2019/01/30 08:55:45	74.6
74	2019/01/30 08:55:48	76.4
75	2019/01/30 08:55:51	73.7
76	2019/01/30 08:55:54	75.3
77	2019/01/30 08:55:57	75.1
78	2019/01/30 08:56:00	76.6
79	2019/01/30 08:56:03	76.5
80	2019/01/30 08:56:06	67.9
81	2019/01/30 08:56:09	65.3
82	2019/01/30 08:56:12	68.5
83	2019/01/30 08:56:15	68.9
84	2019/01/30 08:56:18	69.0
85	2019/01/30 08:56:21	61.0

86	2019/01/30 08:56:24	59.6
87	2019/01/30 08:56:27	60.8
88	2019/01/30 08:56:30	60.1
89	2019/01/30 08:56:33	61.8
90	2019/01/30 08:56:36	75.6
91	2019/01/30 08:56:39	75.6
92	2019/01/30 08:56:42	78.9
93	2019/01/30 08:56:45	77.4
94	2019/01/30 08:56:48	81.6
95	2019/01/30 08:56:51	76.2
96	2019/01/30 08:56:54	74.1
97	2019/01/30 08:56:57	71.1
98	2019/01/30 08:57:00	78.5
99	2019/01/30 08:57:03	75.5
100	2019/01/30 08:57:06	73.4
101	2019/01/30 08:57:09	64.5
102	2019/01/30 08:57:12	70.8
103	2019/01/30 08:57:15	76.2
104	2019/01/30 08:57:18	71.8
105	2019/01/30 08:57:21	68.9
106	2019/01/30 08:57:24	66.7
107	2019/01/30 08:57:27	72.8
108	2019/01/30 08:57:30	73.2
109	2019/01/30 08:57:33	73.4
110	2019/01/30 08:57:36	77.1
111	2019/01/30 08:57:39	73.2
112	2019/01/30 08:57:42	76.0
113	2019/01/30 08:57:45	78.7
114	2019/01/30 08:57:48	75.2
115	2019/01/30 08:57:51	73.1
116	2019/01/30 08:57:54	69.1
117	2019/01/30 08:57:57	70.6
118	2019/01/30 08:58:00	74.0
119	2019/01/30 08:58:03	72.0
120	2019/01/30 08:58:06	68.2
121	2019/01/30 08:58:09	68.7
122	2019/01/30 08:58:12	74.8
123	2019/01/30 08:58:15	67.2
124	2019/01/30 08:58:18	77.2
125	2019/01/30 08:58:21	66.3
126	2019/01/30 08:58:24	64.5
127	2019/01/30 08:58:27	61.6
128	2019/01/30 08:58:30	63.9
129	2019/01/30 08:58:33	64.4
130	2019/01/30 08:58:36	62.7
131	2019/01/30 08:58:39	68.5
132	2019/01/30 08:58:42	76.2
133	2019/01/30 08:58:45	79.0
134	2019/01/30 08:58:48	72.3
135	2019/01/30 08:58:51	78.2
136	2019/01/30 08:58:54	74.9
137	2019/01/30 08:58:57	69.0
138	2019/01/30 08:59:00	74.6
139	2019/01/30 08:59:03	70.7
140	2019/01/30 08:59:06	81.9
141	2019/01/30 08:59:09	76.9
142	2019/01/30 08:59:12	81.1
143	2019/01/30 08:59:15	76.8
144	2019/01/30 08:59:18	69.9
145	2019/01/30 08:59:21	74.5
146	2019/01/30 08:59:24	68.5
147	2019/01/30 08:59:27	62.0
148	2019/01/30 08:59:30	60.2
149	2019/01/30 08:59:33	62.8
150	2019/01/30 08:59:36	77.3
151	2019/01/30 08:59:39	72.0
152	2019/01/30 08:59:42	81.3
153	2019/01/30 08:59:45	74.4
154	2019/01/30 08:59:48	74.1
155	2019/01/30 08:59:51	74.6
156	2019/01/30 08:59:54	72.6
157	2019/01/30 08:59:57	72.4
158	2019/01/30 09:00:00	71.3
159	2019/01/30 09:00:03	76.1
160	2019/01/30 09:00:06	73.7
161	2019/01/30 09:00:09	71.5
162	2019/01/30 09:00:12	69.9
163	2019/01/30 09:00:15	67.7
164	2019/01/30 09:00:18	62.9
165	2019/01/30 09:00:21	60.1
166	2019/01/30 09:00:24	61.4
167	2019/01/30 09:00:27	71.1
168	2019/01/30 09:00:30	69.9
169	2019/01/30 09:00:33	68.8
170	2019/01/30 09:00:36	71.9
171	2019/01/30 09:00:39	70.2
172	2019/01/30 09:00:42	69.3
173	2019/01/30 09:00:45	75.9
174	2019/01/30 09:00:48	79.2
175	2019/01/30 09:00:51	76.5
176	2019/01/30 09:00:54	77.9
177	2019/01/30 09:00:57	82.5
178	2019/01/30 09:01:00	75.2
179	2019/01/30 09:01:03	76.6
180	2019/01/30 09:01:06	77.5
181	2019/01/30 09:01:09	75.1
182	2019/01/30 09:01:12	78.9
183	2019/01/30 09:01:15	80.0
184	2019/01/30 09:01:18	78.9

185	2019/01/30	09:01:21	76.5
186	2019/01/30	09:01:24	71.2
187	2019/01/30	09:01:27	75.3
188	2019/01/30	09:01:30	72.9
189	2019/01/30	09:01:33	68.2
190	2019/01/30	09:01:36	68.5
191	2019/01/30	09:01:39	75.2
192	2019/01/30	09:01:42	73.0
193	2019/01/30	09:01:45	71.3
194	2019/01/30	09:01:48	72.9
195	2019/01/30	09:01:51	72.5
196	2019/01/30	09:01:54	68.5
197	2019/01/30	09:01:57	66.8
198	2019/01/30	09:02:00	62.4
199	2019/01/30	09:02:03	70.7
200	2019/01/30	09:02:06	75.0

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 03/05/2019
Case Description: Construction Noise for Loudest Hour

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Loudest Hour	Industrial	75.0	75.0	75.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Tractor	No	40	84.0		50.0	0.0
Front End Loader	No	40		79.1	50.0	0.0
Dozer	No	40		81.7	50.0	0.0
Grader	No	40	85.0		50.0	0.0
Generator	No	50		80.6	50.0	0.0
Compressor (air)	No	40		77.7	50.0	0.0

Results

	Calculated (dBA)				Noise Limits (dBA)				Noise Limit Exceedance (dBA)			
	Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Tractor	84.0	80.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	85.0	81.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	80.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	77.7	73.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85.0	86.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Loudest Hour	Residential	65.0	65.0	65.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Tractor	No	40	84.0		1050.0	0.0
Front End Loader	No	40		79.1	1050.0	0.0
Dozer	No	40		81.7	1050.0	0.0
Grader	No	40	85.0		1050.0	0.0
Generator	No	50		80.6	1050.0	0.0
Compressor (air)	No	40		77.7	1050.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

Equipment	Calculated (dBA) Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Tractor	57.6	53.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	52.7	48.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	55.2	51.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	58.6	54.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	54.2	51.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	51.2	47.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	58.6	59.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Loudest Hour	Residential	65.0	65.0	65.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Tractor	No	40	84.0		1575.0	0.0
Front End Loader	No	40		79.1	1575.0	0.0
Dozer	No	40		81.7	1575.0	0.0
Grader	No	40	85.0		1575.0	0.0
Generator	No	50		80.6	1575.0	0.0
Compressor (air)	No	40		77.7	1575.0	0.0

Results

Noise Limits (dBA)

Noise Limit Exceedance (dBA)

Equipment	Calculated (dBA) Day Lmax	Calculated (dBA) Day Leq	Calculated (dBA) Evening Lmax	Calculated (dBA) Evening Leq	Calculated (dBA) Night Lmax	Calculated (dBA) Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq	Day Lmax	Day Leq	Evening Lmax	Evening Leq	Night Lmax	Night Leq
Tractor	54.0	50.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	49.1	45.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	51.7	47.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	55.0	51.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Generator	50.7	47.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compressor (air)	47.7	43.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	55.0	56.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DNL Calculator

WARNING: HUD recommends the use of Microsoft Internet Explorer for performing noise calculations. The HUD Noise Calculator has an error when using Google Chrome unless the cache is cleared before each use of the calculator. HUD is aware of the problem and working to fix it in the programming of the calculator.

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the **Day/Night Noise Level Calculator Electronic Assessment Tool Overview (/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/)**.

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	1601 San Francisco - Existing
Record Date	2/22/2019
User's Name	Rincon Consultants, Inc.

Road # 1 Name:	**San Francisco Ave. b/w 16th St. and PCH**

Road #1

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	30	30	30
Distance to Stop Sign			
Average Speed	25	25	25
Average Daily Trips (ADT)	1447	386	96
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	56.3173	60.5785	67.8908
Calculate Road #1 DNL	68.9127	Reset	

Road # 2 Name:	**16th St. b/w San Francisco Ave. and Oregon Ave.**

Road #2

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑

Effective Distance	55	55	55
Distance to Stop Sign			
Average Speed	25	25	25
Average Daily Trips (ADT)	334	26	154
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	48.9459	47.8582	68.9391
Calculate Road #2 DNL	68.9391	Reset	

Road # 3 Name:	**PCH east of Golden Ave.**

Road #3

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	50	50	50
Distance to Stop Sign			
Average Speed	35	35	35
Average Daily Trips (ADT)	24203	499	250
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	68.1462	61.2885	68.7197
Calculate Road #3 DNL	71.8472	Reset	

Road # 4 Name: PCH West of Golden Ave.

Road #4

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	50	50	50
Distance to Stop Sign			
Average Speed	35	35	35
Average Daily Trips (ADT)	25746	531	265
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	68.4146	61.5584	68.9728
Calculate Road #4 DNL	72.1081	Reset	

Add Road Source | Add Rail Source

Airport Noise Level	
Loud Impulse Sounds?	○**Yes** ○**No**
Combined DNL for all Road and Rail sources	**0**
Combined DNL including Airport	
Site DNL with Loud Impulse Sound	

DNL Calculator

WARNING: HUD recommends the use of Microsoft Internet Explorer for performing noise calculations. The HUD Noise Calculator has an error when using Google Chrome unless the cache is cleared before each use of the calculator. HUD is aware of the problem and working to fix it in the programming of the calculator.

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the **Day/Night Noise Level Calculator Electronic Assessment Tool Overview (/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/)**.

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	1601 San Francisco - Existing + Project
Record Date	2/22/2019
User's Name	Rincon Consultants, Inc.

Road # 1 Name:	**San Francisco Ave. b/w 16th St. and PCH**

Road #1

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	30	30	30
Distance to Stop Sign			
Average Speed	25	25	25
Average Daily Trips (ADT)	1712	402	175
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	57.0477	60.7549	70.4985
Calculate Road #1 DNL	71.0829	Reset	

Road # 2 Name:	**16th St. b/w San Francisco Ave. and Oregon Ave.**

Road #2

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑

Effective Distance	55	55	55
Distance to Stop Sign			
Average Speed	25	25	25
Average Daily Trips (ADT)	447	26	154
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	50.2115	47.8582	68.9391
Calculate Road #2 DNL	68.9391	Reset	

Road # 3 Name:	**PCH east of Golden Ave.**

Road #3

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	50	50	50
Distance to Stop Sign			
Average Speed	35	35	35
Average Daily Trips (ADT)	24335	501	258
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	68.1698	61.3059	68.8565
Calculate Road #3 DNL	71.9268	Reset	

Road # 4 Name: PCH West of Golden Ave.

Road #4

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	50	50	50
Distance to Stop Sign			
Average Speed	35	35	35
Average Daily Trips (ADT)	25878	545	336
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	68.4368	61.6715	70.0037
Calculate Road #4 DNL	72.6437	Reset	

Add Road Source | Add Rail Source

Airport Noise Level	
Loud Impulse Sounds?	○**Yes** ○**No**
Combined DNL for all Road and Rail sources	**0**
Combined DNL including Airport	
Site DNL with Loud Impulse Sound	

DNL Calculator

WARNING: HUD recommends the use of Microsoft Internet Explorer for performing noise calculations. The HUD Noise Calculator has an error when using Google Chrome unless the cache is cleared before each use of the calculator. HUD is aware of the problem and working to fix it in the programming of the calculator.

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the **Day/Night Noise Level Calculator Electronic Assessment Tool Overview (/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/)**.

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	1601 San Francisco - Year 2020 Cumulative
Record Date	2/22/2019
User's Name	Rincon Consultants, Inc.

Road # 1 Name:	**San Francisco Ave. b/w 16th St. and PCH**

Road #1

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	30	30	30
Distance to Stop Sign			
Average Speed	25	25	25
Average Daily Trips (ADT)	1491	398	99
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	56.4474	60.7115	68.0244
Calculate Road #1 DNL	69.046	Reset	

Road # 2 Name:	**16th St. b/w San Francisco Ave. and Oregon Ave.**

Road #2

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑

Effective Distance	55	55	55
Distance to Stop Sign			
Average Speed	25	25	25
Average Daily Trips (ADT)	345	27	159
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	49.0866	48.0221	69.0778
Calculate Road #2 DNL	69.0778	Reset	

Road # 3 Name:	**PCH east of Golden Ave.**

Road #3

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	50	50	50
Distance to Stop Sign			
Average Speed	35	35	35
Average Daily Trips (ADT)	27637	570	286
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	68.7224	61.8662	69.304
Calculate Road #3 DNL	72.4276	Reset	

Road # 4 Name: PCH West of Golden Ave.

Road #4

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	50	50	50
Distance to Stop Sign			
Average Speed	35	35	35
Average Daily Trips (ADT)	29225	603	301
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	68.965	62.1107	69.526
Calculate Road #4 DNL	72.6601	Reset	

Add Road Source | Add Rail Source

Airport Noise Level	
Loud Impulse Sounds?	○**Yes** ○**No**
Combined DNL for all Road and Rail sources	**0**
Combined DNL including Airport	
Site DNL with Loud Impulse Sound	

DNL Calculator

WARNING: HUD recommends the use of Microsoft Internet Explorer for performing noise calculations. The HUD Noise Calculator has an error when using Google Chrome unless the cache is cleared before each use of the calculator. HUD is aware of the problem and working to fix it in the programming of the calculator.

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the **Day/Night Noise Level Calculator Electronic Assessment Tool Overview (/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/)**.

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	1601 San Francisco - Year 2020 Cumulative + Project
Record Date	2/22/2019
User's Name	Rincon Consultants, Inc.

Road # 1 Name:	**San Francisco Ave. b/w 16th St. and PCH**

Road #1

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	30	30	30
Distance to Stop Sign			
Average Speed	25	25	25
Average Daily Trips (ADT)	1757	414	178
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	57.1604	60.8827	70.5723
Calculate Road #1 DNL	71.1617	Reset	

Road # 2 Name:	**16th St. b/w San Francisco Ave. and Oregon Ave.**

Road #2

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑

Effective Distance	55	55	55
Distance to Stop Sign			
Average Speed	25	25	25
Average Daily Trips (ADT)	458	27	159
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	50.3171	48.0221	69.0778
Calculate Road #2 DNL	69.0778	Reset	

Road # 3 Name:	**PCH east of Golden Ave.**

Road #3

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	50	50	50
Distance to Stop Sign			
Average Speed	35	35	35
Average Daily Trips (ADT)	27769	572	295
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	68.7431	61.8814	69.4386
Calculate Road #3 DNL	72.5047	Reset	

Road # 4 Name: PCH West of Golden Ave.

Road #4

Vehicle Type	**Cars** ☑	**Medium Trucks** ☑	**Heavy Trucks** ☑
Effective Distance	50	50	50
Distance to Stop Sign			
Average Speed	35	35	35
Average Daily Trips (ADT)	29357	617	372
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	68.9846	62.2103	70.4458
Calculate Road #4 DNL	73.1378	Reset	

Add Road Source | Add Rail Source

Airport Noise Level	
Loud Impulse Sounds?	○**Yes** ○**No**
Combined DNL for all Road and Rail sources	**0**
Combined DNL including Airport	
Site DNL with Loud Impulse Sound	

Volume Development
AM Peak Hour

1: Golden Avenue/San Francisco Avenue & Pacific Coast Highway (CA-1)

PHF: 0.902 7:15 Count Date: 9/11/2018

	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	TOTAL
Existing 2018:	23	1	14	26	2	70	11	1,053	62	10	1,570	17	2,859
Project:	3	0	2	0	0	0	0	0	26	18	0	0	49
Cumulative:	0	0	0	0	0	0	0	71	0	0	60	0	131
E+P:	26	1	16	26	2	70	11	1,053	88	28	1,570	17	2,908
2020 NP:	24	1	14	27	2	72	11	1,156	64	10	1,677	18	3,076
2020 WP:	27	1	16	27	2	72	11	1,156	90	28	1,677	18	3,125

2: San Francisco Avenue & Frontage Rd./Driveway

PHF: 0.769 7:30 Count Date: 9/11/2018

	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	TOTAL
Existing 2018:	7	0	42	0	0	0	0	4	8	55	7	0	123
Project:	0	0	5	0	0	0	0	0	0	44	0	0	49
Cumulative:	0	0	0	0	0	0	0	0	0	0	0	0	0
E+P:	7	0	47	0	0	0	0	4	8	99	7	0	172
2020 NP:	7	0	43	0	0	0	0	4	8	57	7	0	127
2020 WP:	7	0	48	0	0	0	0	4	8	101	7	0	176

3: San Francisco Avenue & 16th Street

PHF: 0.740 7:45 Count Date: 9/11/2018

	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	TOTAL
Existing 2018:	1	20	0	12	28	2	0	3	0	2	3	6	77
Project:	0	5	2	0	44	0	0	0	0	14	0	0	65
Cumulative:	0	0	0	0	0	0	0	0	0	0	0	0	0
E+P:	~~1~~ 1	25	2	12	72	~~2~~ 2	0	~~3~~ 3	0	16	~~3~~ 3	6	142
2020 NP:	1	21	0	12	29	2	0	3	0	2	3	6	79
2020 WP:	~~1~~ 1	26	2	12	73	~~2~~ 2	0	~~3~~ 3	0	16	~~3~~ 3	6	144

4: San Francisco Avenue & Driveway 1

PHF: 0.920 Count Date:

	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	TOTAL
Existing 2018:		21			30								51
Project:	0	0	0	0	0	58	7	0	0	0	0	0	65
Cumulative:	0	0	0	0	0	0	0	0	0	0	0	0	0
E+P:	0	21	0	0	30	58	7	0	0	0	0	0	116
2020 NP:	0	22	0	0	31	0	0	0	0	0	0	0	53
2020 WP:	0	22	0	0	31	58	7	0	0	0	0	0	118

Volume Development
PM Peak Hour

1: Golden Avenue/San Francisco Avenue & Pacific Coast Highway (CA-1)

PHF: 0.908 4:30 Count Date: 9/11/2018

	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	TOTAL
Existing 2018:	99	1	25	16	0	53	54	1,688	38	3	957	27	2,961
2018 ADT:		1,525			1,387			26,542			24,952		
Project:	25	0	16	0	0	0	0	0	3	2	0	0	46
Project ADT:		360			0			218			142		
Cumulative:	0	0	0	0	0	0	0	87	0	0	82	0	169
Cumulative ADT:		0			0			2,785			2,785		
E+P:	124	1	41	16	0	53	54	1,688	41	5	957	27	3,007
E+P ADT:		1,885			1,387			26,760			25,094		
2020 NP:	102	1	26	16	0	55	56	1,826	39	3	1,068	28	3,219
2020 NP ADT:		1,571			1,429			30,129			28,492		
2020 WP:	127	1	42	16	0	55	56	1,826	42	5	1,068	28	3,265
2020 WP ADT:		1,931			1,429			30,347			28,634		

2: San Francisco Avenue & Frontage Rd./Driveway

PHF: 0.674 4:00 Count Date: 9/11/2018

	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	TOTAL
Existing 2018:	38	0	136	0	0	0	0	4	9	27	15	0	229
2018 ADT:		1,929			0			606			1,672		
Project:	0	0	40	0	0	0	0	0	0	5	0	0	45
Project ADT:		360			0			0			360		
Cumulative:	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative ADT:													
E+P:	38	0	176	0	0	0	0	4	9	32	15	0	274
E+P ADT:		2,289			0			606			2,032		
2020 NP:	39	0	140	0	0	0	0	4	9	28	15	0	236
2020 NP ADT:		1,988			0			625			1,723		
2020 WP:	39	0	180	0	0	0	0	4	9	33	15	0	281
2020 WP ADT:		2,348			0			625			2,083		

3: San Francisco Avenue & 16th Street

PHF: 0.675 4:00 Count Date: 9/11/2018

	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	TOTAL
Existing 2018:	0	38	2	10	14	0	0	0	0	3	0	41	108
2018 ADT:		524			**1,006**			0			514		
Project:	0	40	13	0	5	0	0	0	0	2	0	0	60
Project ADT:		474			360			0			114		
Cumulative:	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative ADT:													
E+P:	0	78	15	10	19	0	0	0	0	5	0	41	168
E+P ADT:		998			1,366			0			628		
2020 NP:	0	39	2	10	14	0	0	0	0	3	0	42	111
2020 NP ADT:		539			1,036			0			530		
2020 WP:	0	79	15	10	19	0	0	0	0	5	0	42	171
2020 WP ADT:		1,013			1,396			0			644		

Volume Development
PM Peak Hour

4: San Francisco Avenue & Driveway 1

PHF: 0.920 Count Date:

	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	TOTAL
Existing 2018:		40			17								57
2018 ADT:		524			524			0			0		
Project:	0	0	0	0	0	7	53	0	0	0	0	0	60
Project ADT:		0			474			474			0		
Cumulative:	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative ADT:		0			0			0			0		
E+P:	0	40	0	0	17	7	53	0	0	0	0	0	117
E+P ADT:		524			998			474			0		
2020 NP:	0	41	0	0	18	0	0	0	0	0	0	0	59
2020 NP ADT:		539			539			0			0		
2020 WP:	0	41	0	0	18	7	53	0	0	0	0	0	119
2020 WP ADT:		539			1,013			474			0		

Vibration Analysis - 1601 San Francisco

PPV (in/sec) = PPV {ref} * (25/D)^1.5
Where PPV = Peak Particle Velocity
{ref} = PPV at the reference distance of 25 feet
D = distance to the receptor

Equipment =	**Vibratory Roller**			
PPV{ref} =	0.21	in/sec		
D =	50	feet		
PPV at receptor =	***0.074***	***in/sec***		
PPV is 1.7x to 6x larger than RMS velocity				
Assume typical conversion factor of			4	PPV:RMS
Therefore estimated RMS velocity =			***0.019***	***in/sec***
Receptor Lv =			***85***	***VdB***

Equipment =	**Bulldozer - Large**			
PPV{ref} =	0.089	in/sec		
D =	50	feet		
PPV at receptor =	***0.031***	***in/sec***		
PPV is 1.7x to 6x larger than RMS velocity				
Assume typical conversion factor of			4	PPV:RMS
Therefore estimated RMS velocity =			***0.008***	***in/sec***
Receptor Lv =			***78***	***VdB***

Equipment =	**Loaded Trucks**			
PPV{ref} =	0.076	in/sec		
D =	50	feet		
PPV at receptor =	***0.027***	***in/sec***		
PPV is 1.7x to 6x larger than RMS velocity				
Assume typical conversion factor of			4	PPV:RMS
Therefore estimated RMS velocity =			***0.007***	***in/sec***
Receptor Lv =			***77***	***VdB***

Source: Section 5 Transit Vibration
Section 6 Vibration Impact Analysis
Section 7 Noise and Vibration during Construction
Transit Noise and Vibration Assessment, September 2018
John A. Volpe National Transportation Systems Center
Prepared For: USDOT Federal Transit Administration

* RMS Velocity in decibels VdB with Vref of 1E-6 in/sec and PPV:RMS of ~4

Criterion

Building Damage	
Type	VdB
Extremely susceptible to vibration damage	90
Non-engineered timber and masonry buildings	94
Engineered concrete and masonry buildings	98
Typical buildings	100
Reinforced concrete, steel, or timber buildings	102

Canmet, Bauer, and Calder, 1977		
Equipment	PPV Threshold, in/sec	Type of Damage
Rigid Mercury Switches	0.5	Trip Out
House	2	Cracked Plaster
Concrete Block	8	Crack in Block
Cased Drill Holes	15	Horizontol Offset
Pumps, Compressors	40	Shaft Misalignment

Human Response Criteria

Level, Lv in VdB	Equivalent Noise Level, dBA		Human Response
	Low Freq (30 Hz)	Mid Freq (60 Hz	
65	25	40	Approximate threshold of perception, low-freq inaudible, but mid-freq excessive for sleeping
75	35	50	Approx. dividing line between barely perceptible and distinctly perceptible. Annoying vibration for most people. Low-freq acceptable for sleeping areas. Mid-freq excessive in most quiet occupied space.
85	45	60	Vibration tolerable only if infrequent number of events/day. Low-freq excessive for sleeping areas; mid-freq excessive even for infrequent events for some activities.

Impact Criteria

Land Use	Lv in VdB		
	Frequent Events (70+/day)	Occasional Events (30-70/day)	Infrequent (<30 events/day)
Category 1: Vibration	65	65	65
Concert Halls	65	65	65
TV Studios	65	65	65
Recording Studios	65	65	65
Category 2: Residences, hotels, sleeping areas	72	75	80
Auditoriums	72	80	80
Theaters	72	80	80
Category 3: Institutional with primarily daytime use only (i.e. schools and churches)	75	78	83

Vibration Source Levels For Construction Equipment

Equipment	PPV at 25 ft (in/sec)	Approximate Lv at 25 feet *
Impact Pile Driver - Upper Range	1.518	112
Impact Pile Driver - Typical	0.644	104
Sonic Pile Driver - Upper Range	0.734	105
Sonic Pile Driver - Typical	0.17	93
Clam Shovel Drop (slurry wall construction)	0.202	94
Hydromill (slurry wall construction) - in Soil	0.008	66
Hydromill (slurry wall construction) - in Rock	0.017	75
Vibratory Roller	0.21	94
Hoe Ram	0.089	87
Bulldozer - Large	0.089	87
Bulldozer - Small	0.003	58
Caisson Drilling	0.089	87
Loaded Trucks	0.076	86
Jackhammer	0.035	79

Vibration Analysis - 1601 San Francisco

PPV (in/sec) = PPV {ref} * (25/D)^1.5
Where PPV = Peak Particle Velocity
{ref} = PPV at the reference distance of 25 feet
D = distance to the receptor

Equipment =	**Vibratory Roller**			
PPV{ref} =	0.21	in/sec		
D =	1050	feet		
PPV at receptor =	***0.001***	***in/sec***		
PPV is 1.7x to 6x larger than RMS velocity				
Assume typical conversion factor of			4	PPV:RMS
Therefore estimated RMS velocity =			***0.000***	***in/sec***
Receptor Lv =			***46***	***VdB***

Equipment =	**Bulldozer - Large**			
PPV{ref} =	0.089	in/sec		
D =	1050	feet		
PPV at receptor =	***0.000***	***in/sec***		
PPV is 1.7x to 6x larger than RMS velocity				
Assume typical conversion factor of			4	PPV:RMS
Therefore estimated RMS velocity =			***0.000***	***in/sec***
Receptor Lv =			***38***	***VdB***

Equipment =	**Loaded Trucks**			
PPV{ref} =	0.076	in/sec		
D =	1050	feet		
PPV at receptor =	***0.000***	***in/sec***		
PPV is 1.7x to 6x larger than RMS velocity				
Assume typical conversion factor of			4	PPV:RMS
Therefore estimated RMS velocity =			***0.000***	***in/sec***
Receptor Lv =			***37***	***VdB***

Source: Section 5 Transit Vibration
Section 6 Vibration Impact Analysis
Section 7 Noise and Vibration during Construction
Transit Noise and Vibration Assessment, September 2018
John A. Volpe National Transportation Systems Center
Prepared For: USDOT Federal Transit Administration

* RMS Velocity in decibels VdB with Vref of 1E-6 in/sec and PPV:RMS of ~4

Criterion

Building Damage	
Type	VdB
Extremely susceptible to vibration damage	90
Non-engineered timber and masonry buildings	94
Engineered concrete and masonry buildings	98
Typical buildings	100
Reinforced concrete, steel, or timber buildings	102

Canmet, Bauer, and Calder, 1977		
Equipment	PPV Threshold, in/sec	Type of Damage
Rigid Mercury Switches	0.5	Trip Out
House	2	Cracked Plaster
Concrete Block	8	Crack in Block
Cased Drill Holes	15	Horizontol Offset
Pumps, Compressors	40	Shaft Misalignment

Human Response Criteria

Level, Lv in VdB	Equivalent Noise Level, dBA		Human Response
	Low Freq (30 Hz)	Mid Freq (60 Hz	
65	25	40	Approximate threshold of perception, low-freq inaudible, but mid-freq excessive for sleeping
75	35	50	Approx. dividing line between barely perceptible and distinctly perceptible. Annoying vibration for most people. Low-freq acceptable for sleeping areas. Mid-freq excessive in most quiet occupied space.
85	45	60	Vibration tolerable only if infrequent number of events/day. Low-freq excessive for sleeping areas; mid-freq excessive even for infrequent events for some activities.

Impact Criteria

Land Use	Lv in VdB		
	Frequent Events (70+/day)	Occasional Events (30-70/day)	Infrequent (<30 events/day)
Category 1: Vibration	65	65	65
Concert Halls	65	65	65
TV Studios	65	65	65
Recording Studios	65	65	65
Category 2: Residences, hotels, sleeping areas	72	75	80
Auditoriums	72	80	80
Theaters	72	80	80
Category 3: Institutional with primarily daytime use only (i.e. schools and churches)	75	78	83

Vibration Source Levels For Construction Equipment

Equipment	PPV at 25 ft (in/sec)	Approximate Lv at 25 feet *
Impact Pile Driver - Upper Range	1.518	112
Impact Pile Driver - Typical	0.644	104
Sonic Pile Driver - Upper Range	0.734	105
Sonic Pile Driver - Typical	0.17	93
Clam Shovel Drop (slurry wall construction)	0.202	94
Hydromill (slurry wall construction) - in Soil	0.008	66
Hydromill (slurry wall construction) - in Rock	0.017	75
Vibratory Roller	0.21	94
Hoe Ram	0.089	87
Bulldozer - Large	0.089	87
Bulldozer - Small	0.003	58
Caisson Drilling	0.089	87
Loaded Trucks	0.076	86
Jackhammer	0.035	79

Vibration Analysis - 1601 San Francisco

PPV (in/sec) = PPV {ref} * (25/D)^1.5
Where PPV = Peak Particle Velocity
{ref} = PPV at the reference distance of 25 feet
D = distance to the receptor

Equipment =	**Vibratory Roller**			
PPV{ref} =	0.21	in/sec		
D =	1575	feet		
PPV at receptor =	***0.000***	***in/sec***		
PPV is 1.7x to 6x larger than RMS velocity				
Assume typical conversion factor of			4	PPV:RMS
Therefore estimated RMS velocity =			***0.000***	***in/sec***
Receptor Lv =			***40***	***VdB***

Equipment =	**Bulldozer - Large**			
PPV{ref} =	0.089	in/sec		
D =	1575	feet		
PPV at receptor =	***0.000***	***in/sec***		
PPV is 1.7x to 6x larger than RMS velocity				
Assume typical conversion factor of			4	PPV:RMS
Therefore estimated RMS velocity =			***0.000***	***in/sec***
Receptor Lv =			***33***	***VdB***

Equipment =	**Loaded Trucks**			
PPV{ref} =	0.076	in/sec		
D =	1575	feet		
PPV at receptor =	***0.000***	***in/sec***		
PPV is 1.7x to 6x larger than RMS velocity				
Assume typical conversion factor of			4	PPV:RMS
Therefore estimated RMS velocity =			***0.000***	***in/sec***
Receptor Lv =			***32***	***VdB***

Source: Section 5 Transit Vibration
Section 6 Vibration Impact Analysis
Section 7 Noise and Vibration during Construction
Transit Noise and Vibration Assessment, September 2018
John A. Volpe National Transportation Systems Center
Prepared For: USDOT Federal Transit Administration

* RMS Velocity in decibels VdB with Vref of 1E-6 in/sec and PPV:RMS of ~4

Criterion

Building Damage	
Type	VdB
Extremely susceptible to vibration damage	90
Non-engineered timber and masonry buildings	94
Engineered concrete and masonry buildings	98
Typical buildings	100
Reinforced concrete, steel, or timber buildings	102

Canmet, Bauer, and Calder, 1977		
Equipment	PPV Threshold, in/sec	Type of Damage
Rigid Mercury Switches	0.5	Trip Out
House	2	Cracked Plaster
Concrete Block	8	Crack in Block
Cased Drill Holes	15	Horizontol Offset
Pumps, Compressors	40	Shaft Misalignment

Human Response Criteria

Level, Lv in VdB	Equivalent Noise Level, dBA		Human Response
	Low Freq (30 Hz)	Mid Freq (60 Hz	
65	25	40	Approximate threshold of perception, low-freq inaudible, but mid-freq excessive for sleeping
75	35	50	Approx. dividing line between barely perceptible and distinctly perceptible. Annoying vibration for most people. Low-freq acceptable for sleeping areas. Mid-freq excessive in most quiet occupied space.
85	45	60	Vibration tolerable only if infrequent number of events/day. Low-freq excessive for sleeping areas; mid-freq excessive even for infrequent events for some activities.

Impact Criteria

Land Use	Lv in VdB		
	Frequent Events (70+/day)	Occasional Events (30-70/day)	Infrequent (<30 events/day)
Category 1: Vibration	65	65	65
Concert Halls	65	65	65
TV Studios	65	65	65
Recording Studios	65	65	65
Category 2: Residences, hotels, sleeping areas	72	75	80
Auditoriums	72	80	80
Theaters	72	80	80
Category 3: Institutional with primarily daytime use only (i.e. schools and churches)	75	78	83

Vibration Source Levels For Construction Equipment

Equipment	PPV at 25 ft (in/sec)	Approximate Lv at 25 feet *
Impact Pile Driver - Upper Range	1.518	112
Impact Pile Driver - Typical	0.644	104
Sonic Pile Driver - Upper Range	0.734	105
Sonic Pile Driver - Typical	0.17	93
Clam Shovel Drop (slurry wall construction)	0.202	94
Hydromill (slurry wall construction) - in Soil	0.008	66
Hydromill (slurry wall construction) - in Rock	0.017	75
Vibratory Roller	0.21	94
Hoe Ram	0.089	87
Bulldozer - Large	0.089	87
Bulldozer - Small	0.003	58
Caisson Drilling	0.089	87
Loaded Trucks	0.076	86
Jackhammer	0.035	79

Appendix G

Traffic Impact Analysis

San Francisco Avenue Warehouse

TRAFFIC IMPACT ANALYSIS

CITY OF LONG BEACH

PREPARED BY:

Aric Evatt, PTP
aevatt@urbanxroads.com
(949) 660-1994 x204

Charlene So, P.E.
cso@urbanxroads.com
(949) 660-1994 x222

MARCH 6, 2019

TABLE OF CONTENTS

TABLE OF CONTENTS ..... **III**
APPENDICES ..... **V**
LIST OF EXHIBITS ..... **VII**
LIST OF TABLES ..... **IX**
LIST OF ABBREVIATED TERMS ..... **XI**
1 INTRODUCTION **1**
1.1 Project Overview 1
1.2 Analysis Scenarios 1
1.3 Study Area 3
1.4 Analysis Findings 4
1.5 Site Access Improvements 7
1.6 Truck Access and Circulation 9
1.7 Sight Distance Analysis 11
2 METHODOLOGIES **13**
2.1 Level of Service 13
2.2 Intersection Capacity Analysis 13
2.3 Traffic Signal Warrant Analysis Methodology 15
2.4 LOS Criteria 16
2.5 Thresholds of Significance 16
3 AREA CONDITIONS **17**
3.1 Existing Circulation Network 17
3.2 City of Long Beach General Plan Circulation Network 17
3.3 Truck Routes 17
3.4 Bicycle & Pedestrian Facilities 17
3.5 Transit Service 23
3.6 Capital Improvement Projects 23
3.7 Existing Traffic Counts 29
3.8 Existing Conditions Intersection Operations Analysis 31
3.9 Existing Conditions Traffic Signal Warrants Analysis 31
4 PROJECTED FUTURE TRAFFIC **35**
4.1 Project Trip Generation 35
4.2 Project Trip Distribution 37
4.3 Modal Split 37
4.4 Project Trip Assignment 37
4.5 Background Traffic 37
4.6 Cumulative Development Traffic 41
5 E+P TRAFFIC CONDITIONS **47**
5.1 Roadway Improvements 47
5.2 E+P Traffic Volume Forecasts 47
5.3 Intersection Operations Analysis 47
5.4 Traffic Signal Warrants Analysis 47
5.5 E+P Impacts 47
6 OPENING YEAR CUMULATIVE (2020) TRAFFIC CONDITIONS **51**

6.1 Roadway Improvements 51
6.2 Opening Year Cumulative Without Project Traffic Volume Forecasts 51
6.3 Opening Year Cumulative With Project Traffic Volume Forecasts 51
6.4 Intersection Operations Analysis 51
6.5 Traffic Signal Warrants Analysis 51
5.6 Opening Year Cumulative (2020) Impacts 51
7 REFERENCES 57

APPENDICES

APPENDIX 1.1: APPROVED SCOPING AGREEMENT
APPENDIX 1.2: SITE ADJACENT QUEUES
APPENDIX 3.1: EXISTING TRAFFIC COUNTS – SEPTEMBER 2018
APPENDIX 3.2: EXISTING (2018) CONDITIONS INTERSECTION OPERATIONS ANALYSIS
APPENDIX 3.3: EXISTING (2018) TRAFFIC SIGNAL WARRANT ANALYSIS
APPENDIX 5.1: E+P CONDITIONS INTERSECTION OPERATIONS ANALYSIS
APPENDIX 5.2: E+P CONDITIONS TRAFFIC SIGNAL WARRANT ANALYSIS
APPENDIX 6.1: OPENING YEAR CUMULATIVE (2020) WITHOUT PROJECT CONDITIONS INTERSECTION OPERATIONS ANALYSIS
APPENDIX 6.2: OPENING YEAR CUMULATIVE (2020) WITH PROJECT CONDITIONS INTERSECTION OPERATIONS ANALYSIS
APPENDIX 6.3: OPENING YEAR CUMULATIVE (2020) WITH PROJECT CONDITIONS TRAFFIC SIGNAL WARRANT ANALYSIS
APPENDIX 6.4: OPENING YEAR CUMULATIVE (2020) WITH PROJECT CONDITIONS FREEWAY OFF-RAMP QUEUING ANALYSIS

This page intentionally left blank

LIST OF EXHIBITS

EXHIBIT 1-1: PRELIMINARY SITE PLAN 2
EXHIBIT 1-2: LOCATION MAP 5
EXHIBIT 1-3: SUMMARY OF DEFICIENT INTERSECTIONS BY ANALYSIS SCENARIO 6
EXHIBIT 1-4: SITE ADJACENT ROADWAY AND SITE ACCESS RECOMMENDATIONS 8
EXHIBIT 1-5: TRUCK ACCESS 10
EXHIBIT 1-6: SIGHT DISTANCE 12
EXHIBIT 3-1: EXISTING NUMBER OF THROUGH LANES AND INTERSECTION CONTROLS 18
EXHIBIT 3-2: CONTEXT SENSITIVE STREET CLASSIFICATION SYSTEM 19
EXHIBIT 3-3: DESIGNATED TRUCK ROUTES 20
EXHIBIT 3-4: EXISTING BICYCLE NETWORK 21
EXHIBIT 3-5: BICYCLE PLAN 22
EXHIBIT 3-6: PEDESTRIAN-PRIORITY AREAS 24
EXHIBIT 3-7: EXISTING PEDESTRIAN FACILITIES 25
EXHIBIT 3-8: EXISTING LOCAL TRANSIT ROUTES 26
EXHIBIT 3-9: TRANSIT-PRIORITY STREETS 27
EXHIBIT 3-10: CAPITAL IMPROVEMENT PROJECTS UNDER CONSTRUCTION 28
EXHIBIT 3-11: EXISTING (2018) TRAFFIC VOLUMES (IN PCE) 30
EXHIBIT 3-12: EXISTING (2018) SUMMARY OF LOS 33
EXHIBIT 4-1: PROJECT PASSENGER CAR TRIP DISTRIBUTION 38
EXHIBIT 4-2: PROJECT TRUCK TRIP DISTRIBUTION 39
EXHIBIT 4-3: PROJECT ONLY TRAFFIC VOLUMES (IN PCE) 40
EXHIBIT 4-4: CUMULATIVE DEVELOPMENT LOCATION MAP 43
EXHIBIT 4-5: CUMULATIVE ONLY TRAFFIC VOLUMES (IN PCE) 44
EXHIBIT 5-1: E+P TRAFFIC VOLUMES (IN PCE) 48
EXHIBIT 5-2: E+P SUMMARY OF LOS 49
EXHIBIT 6-1: OPENING YEAR CUMULATIVE (2020) WITHOUT PROJECT TRAFFIC VOLUMES (IN PCE) 52
EXHIBIT 6-2: OPENING YEAR CUMULATIVE (2020) WITH PROJECT TRAFFIC VOLUMES (IN PCE) 53
EXHIBIT 6-3: OPENING YEAR CUMULATIVE (2020) WITHOUT PROJECT SUMMARY OF LOS 54
EXHIBIT 6-4: OPENING YEAR CUMULATIVE (2020) WITH PROJECT SUMMARY OF LOS 55

This page intentionally left blank

LIST OF TABLES

TABLE 1-1: INTERSECTION ANALYSIS LOCATIONS 4
TABLE 2-1 INTERSECTION CAPACITY UTILIZATION (ICU) LOS DEFINITIONS 14
TABLE 2-2: UNSIGNALIZED INTERSECTION HCM LOS THRESHOLDS 14
TABLE 2-3: TRAFFIC SIGNAL WARRANT ANALYSIS LOCATIONS 15
TABLE 3-1: INTERSECTION ANALYSIS FOR EXISTING (2018) CONDITIONS 32
TABLE 4-1: PROJECT TRIP GENERATION SUMMARY 36
TABLE 4-2: CUMULATIVE DEVELOPMENT LAND USE SUMMARY 45
TABLE 5-1: INTERSECTION ANALYSIS FOR E+P CONDITIONS 50
TABLE 6-1: INTERSECTION ANALYSIS FOR OPENING YEAR CUMULATIVE (2020) CONDITIONS 56

This page intentionally left blank

LIST OF ABBREVIATED TERMS

[1]	Reference
ADT	Average Daily Traffic
CA MUTCD	California Manual on Uniform Traffic Control Devices
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
CIP	Capital Improvement Project
CMP	Congestion Management Program
DIF	Development Impact Fee
E+P	Existing Plus Project
HCM	Highway Capacity Manual
ICU	Intersection Capacity Utilization
ITE	Institute of Transportation Engineers
LA	Los Angeles
LBT	Long Beach Transit
LOS	Level of Service
METRO	Metropolitan Transportation Authority
PCE	Passenger Car Equivalents
PHF	Peak Hour Factor
Project	San Francisco Avenue Warehouse
RSA	Regional Statistical Area
RTPA	Regional Transportation Planning Agency
SBCTA	San Bernardino County Transportation Authority
SCAG	Southern California Association of Governments
sf	Square Feet
TIA	Traffic Impact Analysis
tsf	Thousand Square Feet
V/C	Volume to Capacity

This page intentionally left blank

1 INTRODUCTION

This report presents the results of the traffic impact analysis (TIA) for the proposed San Francisco Avenue Warehouse ("Project"), which is located at San Francisco Avenue and W. 16th Street in the City of Long Beach as shown on Exhibit 1-1.

The purpose of this traffic impact analysis is to evaluate the potential impacts to traffic and circulation associated with the development of the proposed Project, and to recommend improvements to mitigate impacts considered significant in comparison to established City thresholds of significance. The study follows the County of Los Angeles Traffic Study Analysis Report Guidelines. [1]

1.1 PROJECT OVERVIEW

It is our understanding that the Project is to consist of 2 general light industrial buildings totaling approximately 95,373 square feet. The Project is anticipated to be constructed in one phase by the year 2020. Driveway 1 on San Francisco Avenue is proposed to allow for full access movements serving both passenger cars and trucks.

Trips calculated to be generated by the Project have been estimated based on trip generation rates collected by the Institute of Transportation Engineers (ITE) as presented in ITE's most current edition of Trip Generation Manual (10th Edition, 2017). [2] The Project is calculated to generate a net total of approximately 619 passenger car equivalent (PCE) trip-ends per day with 87 PCE AM peak hour trips and 79 PCE PM peak hour trips. The assumptions and methods used to estimate the Project's and each development phase's trip generation characteristics are discussed in detail in Section 4.1 *Project Trip Generation* of this report.

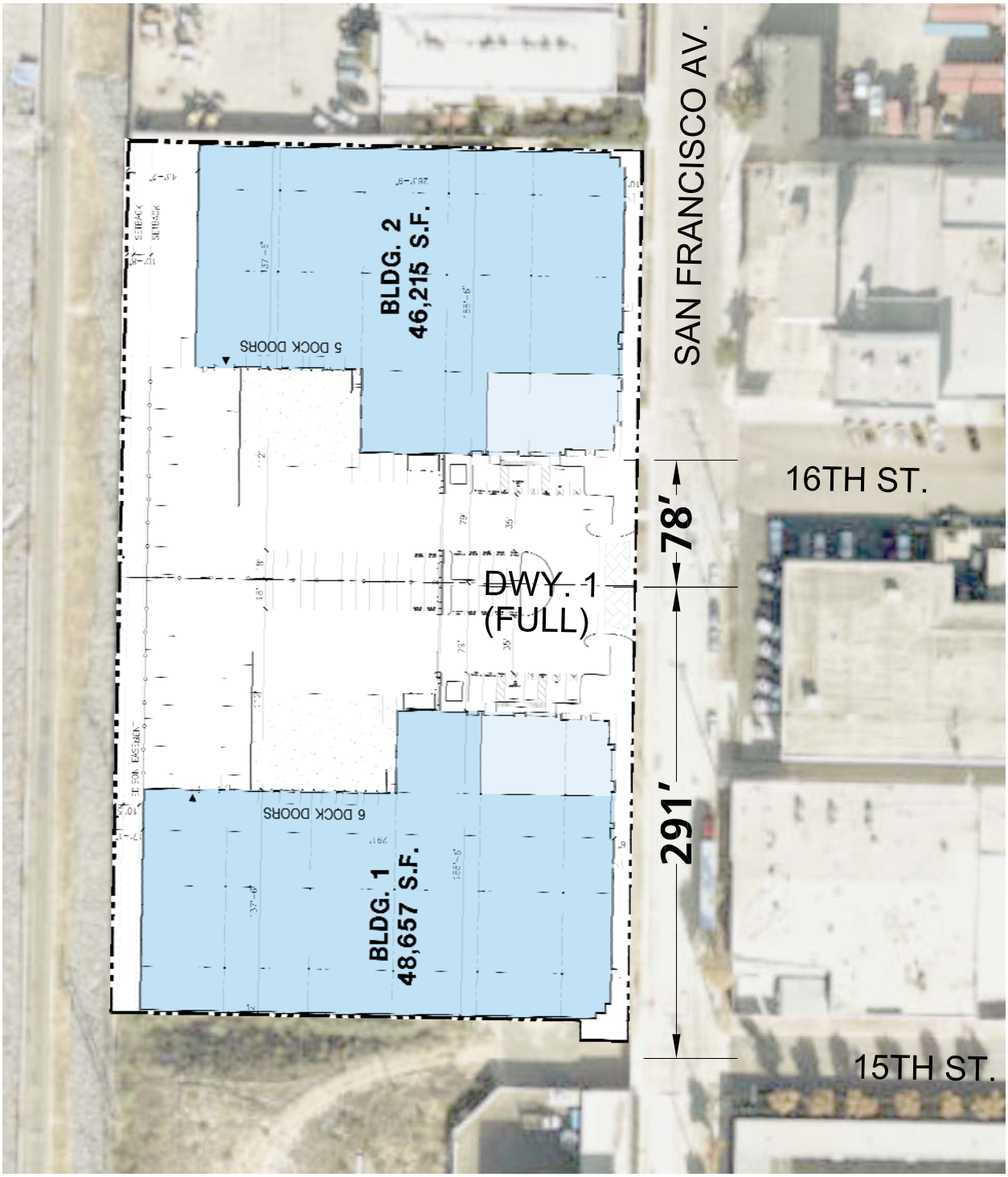
1.2 ANALYSIS SCENARIOS

For the purposes of this traffic study, potential impacts to traffic and circulation have been assessed for each of the following scenarios:

- Existing (2018)
- Existing plus Project
- Opening Year Cumulative (2020), Without and With Project

The proposed Project's land use and zoning are consistent with the City of Long Beach's General Plan, as such, long-range traffic conditions has not been evaluated.

EXHIBIT 1-1: PRELIMINARY SITE PLAN



11853 - siteplan.dwg

URBAN CROSSROADS

1.2.1 EXISTING (2018) CONDITIONS

Information for Existing conditions is disclosed to represent the baseline traffic conditions as they existed at the time this report was prepared.

1.2.2 EXISTING PLUS PROJECT CONDITIONS

The Existing Plus Project (E+P) analysis determines whether or not significant traffic impacts would occur on the existing roadway system with the addition of Project traffic. The E+P analysis is intended to identify the Project-specific impacts and mitigation associated solely with the development of the proposed Project based on a comparison of the E+P traffic conditions to Existing conditions.

1.2.3 OPENING YEAR CUMULATIVE (2020) CONDITIONS

The Opening Year Cumulative conditions analysis determines the Project's contribution to near-term cumulative traffic impacts based on a comparison of the "With Project" traffic scenario to the "without Project" traffic scenario. To account for background traffic growth, traffic associated with other known cumulative development projects in conjunction with an ambient growth from Existing (2018) conditions of 3.02% (1.5% per year, compounded over two years) is included for Opening Year Cumulative, as well as traffic generated by cumulative projects that could affect the study intersections.

The generalized growth factors provided in the 2010 Los Angeles (LA) County Congestion Management Program (CMP) indicates a growth factor of 1.152 for ten years (2010 to 2020) or approximately 1.5% per year for the Regional Statistical Area (RSA) 20 (Long Beach) in which the Project is located. [3] As such, the analysis is consistent with the CMP guidelines.

1.3 STUDY AREA

The potential impact study area was defined in conformance with the requirements of the City of Long Beach traffic study guidelines. Based on these guidelines, the area to be studied shall include any intersections at which the proposed project will add 50 or more peak hour trips. A traffic study scoping agreement summarizing the study area, trip generation, trip distribution and analysis methodology was provided to the City of Long Beach for review. The agreement approved by the City of Long Beach is included in Appendix 1.1.

4 study area intersection locations shown on Exhibit 1-2 and listed in Table 1-1 were selected for this TIA based on the City of Long Beach's traffic study requirements that require analysis of intersection locations in which a proposed Project is anticipated to contribute 50 or more peak-hour trips.

TABLE 1-1: INTERSECTION ANALYSIS LOCATIONS

ID	Intersection Location	Jurisdiction
1	Golden Av./San Francisco Av. & Pacific Coast Hwy. (CA-1)	City of Long Beach
2	San Francisco Av. & Frontage Rd./Driveway	City of Long Beach
3	San Francisco Av. & 16th St.	City of Long Beach
4	San Francisco Av. & Driveway 1	City of Long Beach

1.4 ANALYSIS FINDINGS

This section provides a summary of the analysis results for Existing, E+P, Opening Year Cumulative, and Horizon Year traffic conditions. For signalized intersections, analysis results are provided using both the Highway Capacity Methodology (HCM) and the Intersection Capacity Utilization (ICU). However, only the ICU analysis will be utilized to determine significant impacts per the City's traffic study guidelines.

1.4.1 INTERSECTIONS

Existing (2018) Conditions

A summary of LOS results for Existing traffic conditions are presented in Exhibit 1-3. As shown, all of the study area intersections are currently operating at an acceptable LOS.

Existing Plus Project (E+P) Conditions

As shown on Exhibit 1-3 and consistent with Existing (2018) traffic conditions, the study area intersections are anticipated to continue to operate at an acceptable LOS with the addition of Project traffic.

Opening Year Cumulative (2020) Conditions

As shown on Exhibit 1-3, the study area intersections are anticipated to continue to operate at an acceptable LOS for Opening Year Cumulative (2020) Without and With Project traffic conditions.

Based on the summary of analysis results above of the peak hour operations at the study area intersections, the Project is not anticipated to result in either direct or cumulative traffic impacts.

EXHIBIT 1-2: LOCATION MAP

LEGEND:

- 0 = EXISTING INTERSECTION ANALYSIS LOCATION
- 0 = FUTURE INTERSECTION ANALYSIS LOCATION

N

EXHIBIT 1-3: SUMMARY OF DEFICIENT INTERSECTIONS BY ANALYSIS SCENARIO

#	Intersection	Existing (2018)	E+P	Opening Year (2020) Without Project	Opening Year (2020) With Project
1	Golden Av./San Francisco Av. & PCH (CA-1)				
2	San Francisco Av. & Driveway				
3	San Francisco Av. & 16th St.				
4	San Francisco Av. & Dwy. 1	NA		NA	

LEGEND:

- AM PEAK HOUR
- PM PEAK HOUR
- LOS A-D
- LOS E
- LOS F
- NA - NOT AN ANALYSIS LOCATION FOR THIS SCENARIO

1.5 SITE ACCESS IMPROVEMENTS

Roadway improvements necessary to provide site access and on-site circulation are assumed to be constructed in conjunction with site development and are described below. These improvements would be in place prior to Project building occupancy.

The site adjacent roadway of San Francisco Avenue appears to be built to its ultimate curb-to-curb width as indicated in the City of Long Beach General Plan Circulation Element as a Major Highway (100-foot right-of-way). However, the Project would restripe these roadways to provide the ultimate number of lanes adjacent to their site. Additional curb, gutter and parkway improvements are recommended, as needed for site access, along the Project's frontage consistent with City of Long Beach standards as will be specified in the Project's final conditions of approval.

1.5.1 SITE ACCESS IMPROVEMENTS

The recommended site access driveway improvements for the Project are described below. Exhibit 1-4 illustrates the recommended site access and site adjacent roadway improvements. Construction of on-site and site adjacent improvements shall occur in conjunction with adjacent Project development activity or as needed for Project access purposes.

San Francisco Avenue is currently constructed to its ultimate cross-section; however, the curb and gutter and sidewalk shall be improved along the Project's frontage in order to accommodate the proposed driveway.

Driveway 1 is proposed to be controlled by a stop sign on the eastbound approach and a single egress and ingress lane on the driveway.

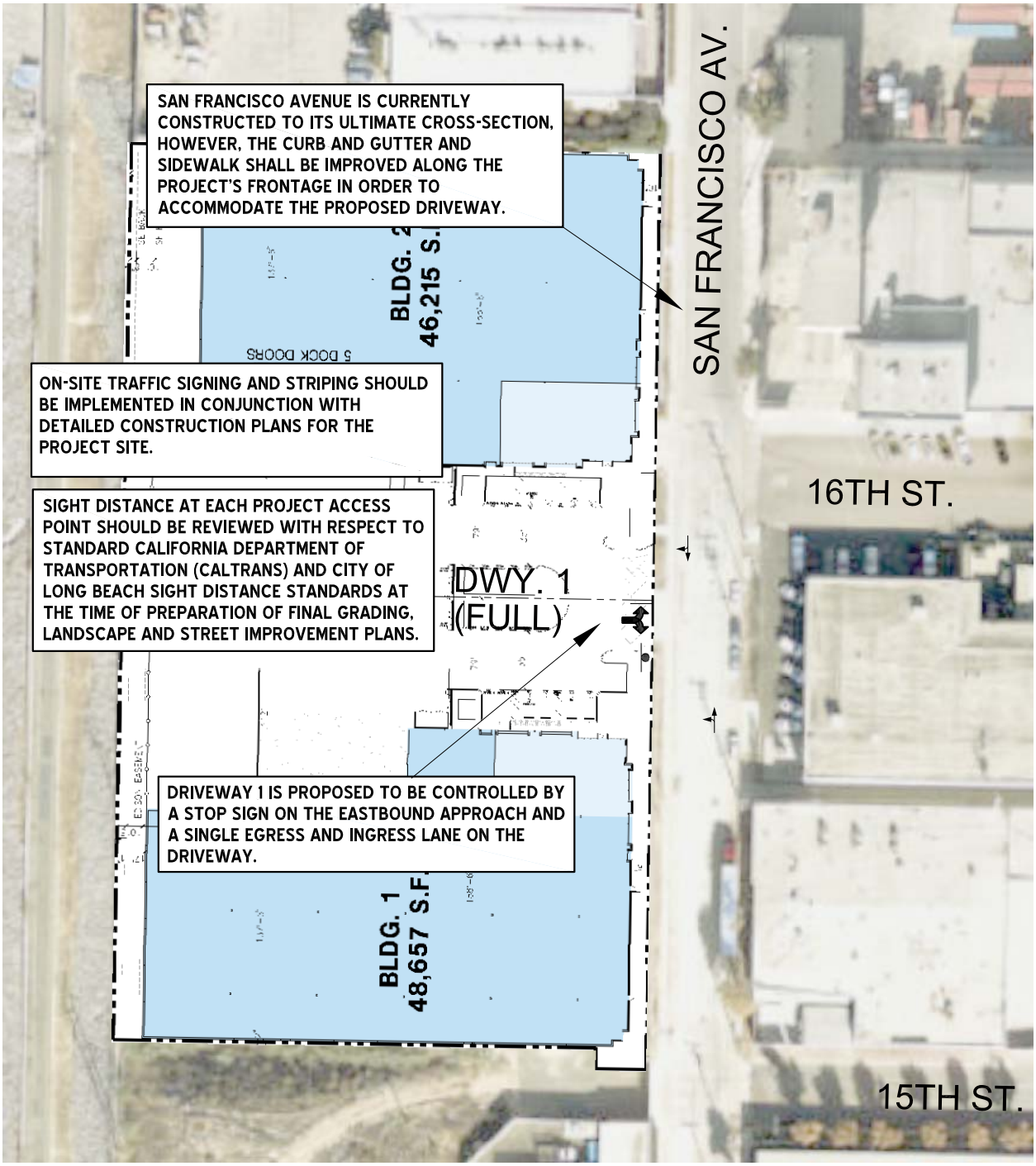
On-site traffic signing and striping should be implemented in conjunction with detailed construction plans for the Project site.

Sight distance at each project access point should be reviewed with respect to standard California Department of Transportation (Caltrans) and City of Long Beach sight distance standards at the time of preparation of final grading, landscape and street improvement plans.

1.5.2 QUEUING ANALYSIS AT THE PROJECT DRIVEWAYS AND SITE ADJACENT INTERSECTIONS

A queuing analysis was conducted at the Project driveway along San Francisco Avenue for Opening Year Cumulative (2020) With Project traffic conditions to identify the 95th percentile peak hour queues. The analysis was conducted for both the weekday AM and weekday PM peak hours. The 95th percentile queues for the applicable study area intersections can be found in Appendix 1.2.

EXHIBIT 1-4: SITE ADJACENT ROADWAY AND SITE ACCESS RECOMMENDATIONS



The traffic modeling and signal timing optimization software package Synchro (Version 10) and SimTraffic have been utilized to assess queues at the Project driveways and site adjacent intersections. Synchro is a macroscopic traffic software program that is based on the signalized and unsignalized intersection capacity analyses as specified in the HCM. Macroscopic level models represent traffic in terms of aggregate measures for each movement at the study intersections. Equations are used to determine measures of effectiveness such as delay and queue length in Synchro. The LOS and capacity analysis performed by Synchro takes into consideration optimization and coordination of signalized intersections within a network.

SimTraffic is designed to model networks of signalized and unsignalized intersections, with the primary purpose of checking and fine-tuning signal operations. SimTraffic uses the input parameters from Synchro to generate random simulations. The 95th percentile queue is not necessarily ever observed; it is simply based on statistical calculations (or Average Queue plus 1.65 standard deviations). However, the average queue is the average of all the two-minute maximum queues observed by SimTraffic. The maximum back of queue observed for every two-minute period is recorded by SimTraffic.

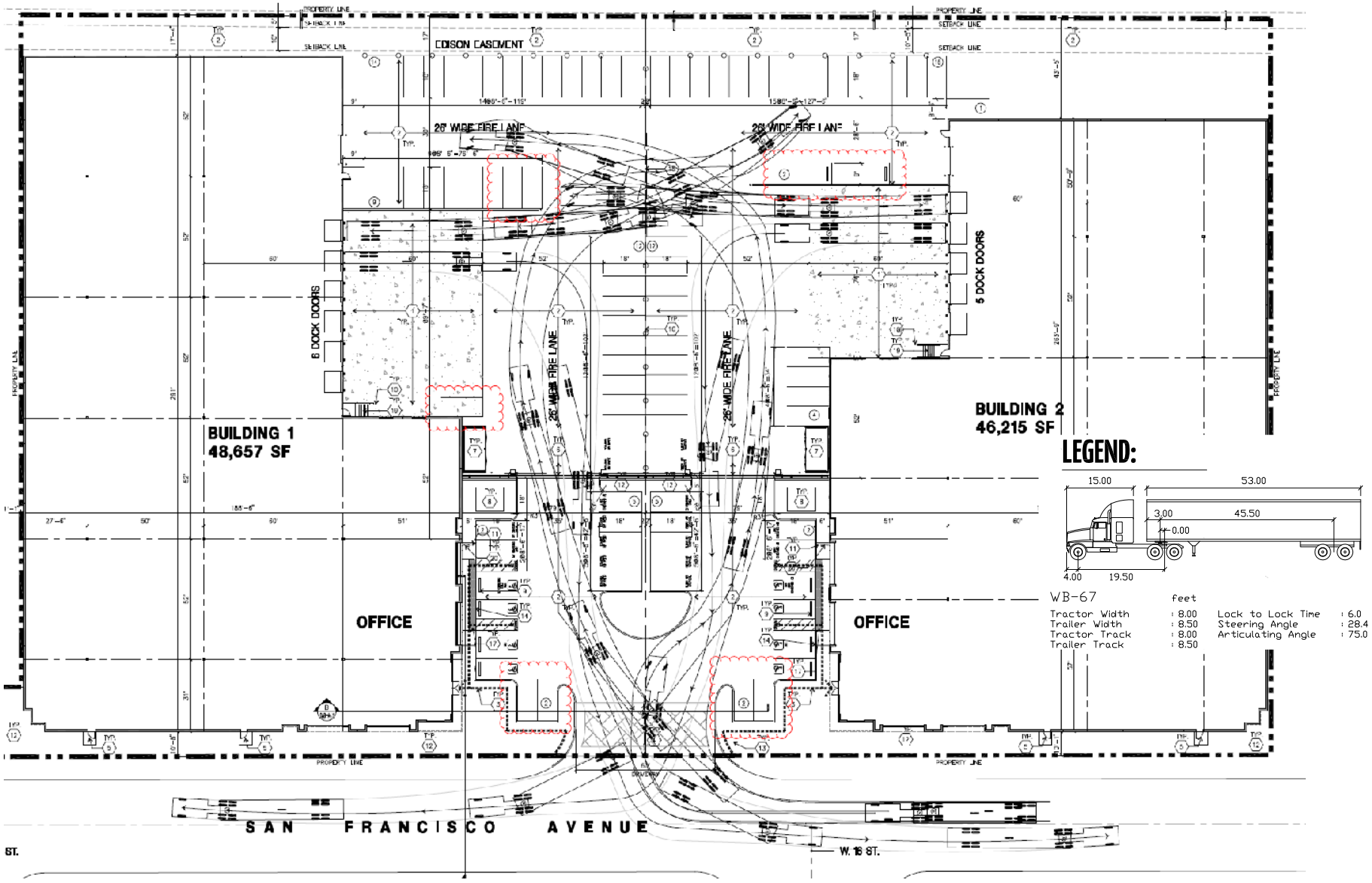
SimTraffic has been utilized to assess peak hour queuing at the site access driveways for Opening Year Cumulative (2020) With Project traffic conditions. The random simulations generated by SimTraffic have been utilized to determine the 95th percentile queue lengths observed for each turn lane. A SimTraffic simulation has been recorded up to 5 times, during the weekday AM and weekday PM peak hours, and has been seeded for 30-minute periods with 60-minute recording intervals. As shown in the worksheets, queuing issues are not anticipated to occur between 16th Street and Driveway 1 on San Francisco Avenue during the peak hours.

1.6 TRUCK ACCESS AND CIRCULATION

Due to the typical wide turning radius of large trucks, a truck turning template has been overlaid on the site plan at the Project driveway to be utilized by heavy trucks in order to determine appropriate curb radii and to verify that trucks will have sufficient space to execute turning maneuvers (see Exhibit 1-5).

As shown on Exhibit 1-5, Driveway 1 on San Francisco Avenue is anticipated to accommodate the wide turning radius of the heavy trucks.

EXHIBIT 1-5: TRUCK ACCESS



11853 - truck access.dwg

URBAN CROSSROADS

1.7 SIGHT DISTANCE ANALYSIS

The intersection sight distance has been evaluated for Driveway 1 on San Francisco Avenue. As defined by the California Department of Transportation (Caltrans) Highway Design Manual, sight distance is the continuous length of highway ahead visible to the driver.

At unsignalized intersections, corner sight distance must provide a substantially clear line of sight between the driver of the vehicle waiting on the minor road (driveway) and the driver of an approaching vehicle. For the purposes of this analysis, a 7 ½ second criterion has been applied to the outside travel lanes in either direction to provide the most conservative sight distance. The 7 ½ second criterion allows waiting vehicles to either cross all lanes of through traffic by turning left or cross the near lanes by turning right without requiring through traffic to radically alter their speed.

1.7.1 SIGHT DISTANCE STANDARDS

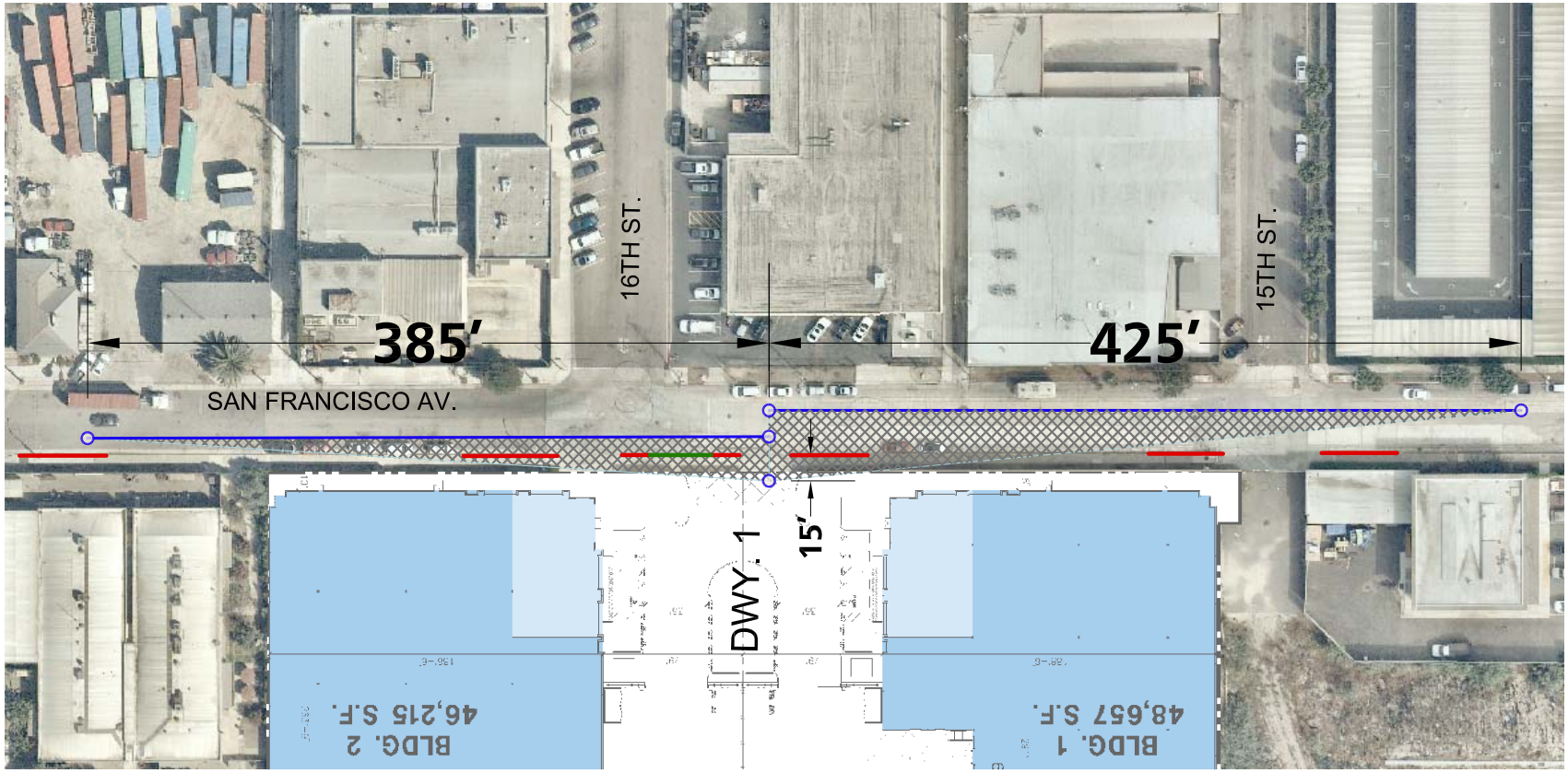
San Francisco Avenue – San Francisco Avenue is an existing roadway and the sight distance at the proposed Project driveway (Driveway 1) on San Francisco Avenue have been assessed assuming the "object" in the road is another vehicle. Corner sight distance is measured from a 3.5-foot height (eye level) at the location of the driver on the minor road, to a 4.25-foot height in the center of the nearest traffic lane of the major road. San Francisco Avenue has been evaluated as with a posted speed limit of 25 miles per.

Adequate visibility for vehicular and pedestrian traffic can be provided at each Project driveway by limiting sight obstructions within the limited use area. Any landscaping/hardscape within the limited use area should not exceed 30-inches (2.5-feet) in height. The limited use area should be kept clear of any landscaping or any other obstructions that may impede the visibility of the driver, including on-street parking. Minimum corner sight distance for the Project driveways is illustrated on Exhibit 1-6, however, sight distance should be re-evaluated once the driveway has been constructed.

1.7.2 SIGHT DISTANCE AT DRIVEWAY 1

Per the Caltrans Highway Design Manual, the minimum corner sight distance on a roadway with a speed limit of 25 miles per hour is 385-feet to the north and 425-feet to the south. Limited use areas are denoted in the cross-hatched areas on Exhibit 1-6. Exhibit 1-6 also shows the red and green curbs currently in place along the Project's frontage. There should be no parking allowed along the Project's frontage to the north of Driveway 1 in order to accommodate adequate sight distance. Similarly, the existing red curb to the south should be extended to the south along the Project's frontage to prohibit on-street parking and accommodate adequate sight distance.

EXHIBIT 1-6: SIGHT DISTANCE



LEGEND:

- = RED CURB
- = GREEN CURB
- = MINIMUM SIGHT DISTANCE LINES
- = LIMITED USE AREA
  (THERE SHALL BE NO OBSTRUCTION WITHIN THE LIMITED USE AREA. OBSTRUCTIONS INCLUDE, BUT NOT LIMITED TO, ANY SIGNS OR OBJECTS HIGHER THAN 2.5' MEASURED FROM PAVEMENT WITHIN THE AREA OF LIMITED USE.)

GRAPHIC SCALE
0 50 100
1"=100'

N

2 METHODOLOGIES

This section of the report presents the methodologies used to perform the traffic analyses summarized in this report. The methodologies described are generally consistent with the City of Long Beach traffic study requirements. [4]

2.1 LEVEL OF SERVICE

Traffic operations of roadway facilities are described using the term "Level of Service" (LOS). LOS is a qualitative description of traffic flow based on several factors such as speed, travel time, delay, and freedom to maneuver. Six levels are typically defined ranging from LOS A, representing completely free-flow conditions, to LOS F, representing breakdown in flow resulting in stop-and-go conditions. LOS E represents operations at or near capacity, an unstable level where vehicles are operating with the minimum spacing for maintaining uniform flow.

2.2 INTERSECTION CAPACITY ANALYSIS

The definitions of LOS for interrupted traffic flow (flow restrained by the existence of traffic signals and other traffic control devices) differ slightly depending on the type of traffic control. The LOS is typically dependent on the quality of traffic flow at the intersections along a roadway. LOS analysis was conducted to determine existing traffic conditions using the Intersection Capacity Utilization (ICU) methodology for signalized study intersections. [5] The Highway Capacity Manual (HCM) (6th Edition) methodology was used to determine LOS's for unsignalized intersections. The HCM (6th Edition) methodology expresses the LOS at an intersection in terms of average control delay time for the various intersection approaches. [6] The HCM uses different procedures depending on the type of intersection control.

2.2.1 SIGNALIZED INTERSECTIONS

The City of Long Beach requires signalized intersections to be evaluated through ICU analysis which compares the peak hour traffic volumes to intersection capacity. Lane capacities of 1,600 vehicles per hour of green time have been assumed for the ICU calculations. 0.10 of volume to capacity (V/C) has been assumed representing 10 seconds of delay for the yellow and all-red signal indication and inherent vehicle delay between cycles with an assumed signal cycle of 100 seconds. The ICU LOS definitions based on V/C ratio are presented in Table 2-1.

The Traffix software package has been utilized to evaluate the signalized intersections using the ICU methodology with the analysis parameters discussed above.

TABLE 2-1 INTERSECTION CAPACITY UTILIZATION (ICU) LOS DEFINITIONS

Level of Service	Critical Volume to Capacity Ratio
A	0.00 - 0.60
B	0.61 - 0.70
C	0.71 - 0.80
D	0.81 - 0.90
E	0.91 - 1.00
F	>1.00

Source: 2010 LA County CMP

The peak hour traffic volumes have been adjusted using a peak hour factor (PHF) to reflect peak 15-minute volumes. Common practice for LOS analysis is to use a peak 15-mintue rate of flow. However, flow rates are typically expressed in vehicles per hour. The PHF is the relationship between the peak 15-minute flow rate and the full hourly volume (e.g. PHF = [Hourly Volume] / [4 x Peak 15-minute Flow Rate]). The use of a 15-minute PHF produces a more detailed analysis as compared to analyzing vehicles per hour. Existing PHFs have been used for all analysis scenarios for HCM intersections. ICU intersections have assumed a PHF of 1.00 per the ICU methodology. Per the HCM, PHF values over 0.95 often are indicative of high traffic volumes with capacity constraints on peak hour flows while lower PHF values are indicative of greater variability of flow during the peak hour. [6] As such, new intersections have been conservatively evaluated with a PHF of 0.92.

2.2.2 UNSIGNALIZED INTERSECTIONS

The City of Long Beach requires the operations of unsignalized intersections be evaluated using the methodology described in the HCM (6th Edition). [6] The LOS rating is based on the weighted average control delay expressed in seconds per vehicle (see Table 2-2).

TABLE 2-2: UNSIGNALIZED INTERSECTION HCM LOS THRESHOLDS

Description	Average Control Delay Per Vehicle (Seconds)	Level of Service, V/C ≤ 1.0	Level of Service, V/C > 1.0
Little or no delays.	0 to 10.00	A	F
Short traffic delays.	10.01 to 15.00	B	F
Average traffic delays.	15.01 to 25.00	C	F
Long traffic delays.	25.01 to 35.00	D	F
Very long traffic delays.	35.01 to 50.00	E	F
Extreme traffic delays with intersection capacity exceeded.	> 50.00	F	F

Source: HCM (6th Edition)

At two-way or side-street stop-controlled intersections, The LOS criteria apply to each lane on a given approach and to each approach on the minor street. LOS is not calculated for major-street approaches or for the intersection as a whole. For all-way stop controlled intersections, LOS is based solely on control delay for assessment of LOS at the approach and intersection levels.

The traffic modeling software package Synchro (Version 10) has been utilized to analyze unsignalized intersections within the study area. Synchro is a macroscopic traffic software program that is based on the unsignalized intersection capacity analysis as specified in the HCM (6th Edition). [6] Macroscopic level models represent traffic in terms of aggregate measures for each movement at the study intersections. Equations are used to determine measures of effectiveness such as delay and queue length.

2.3 TRAFFIC SIGNAL WARRANT ANALYSIS METHODOLOGY

The term "signal warrants" refers to the list of established criteria used by Caltrans and other public agencies to quantitatively justify or ascertain the potential need for installation of a traffic signal at an otherwise unsignalized intersection. This TIA uses the signal warrant criteria presented in the Caltrans 2014 *California Manual on Uniform Traffic Control Devices (CA MUTCD)* for all study area intersections. [7]

The signal warrant criteria for Existing conditions are based upon several factors, including volume of vehicular and pedestrian traffic, frequency of accidents, and location of school areas. The 2014 *CAMUTCD* indicates that the installation of a traffic signal should be considered if one or more of the signal warrants are met. [7] Specifically, this TIA utilizes the Peak Hour Volume-based Warrant 3 as the appropriate representative traffic signal warrant analysis for Existing traffic conditions. Warrant 3 is appropriate to use for this TIA because it provides specialized warrant criteria for intersections with rural characteristics (e.g. located in communities with populations of less than 10,000 persons or with adjacent major streets operating above 40 miles per hour). For the purposes of this study, the speed limit was the basis for determining whether Urban or Rural warrants were used for a given intersection.

Traffic signal warrant analyses were performed for the following unsignalized study area intersections (see Table 2-3):

TABLE 2-3: TRAFFIC SIGNAL WARRANT ANALYSIS LOCATIONS

ID	Intersection Location	Jurisdiction
2	San Francisco Avenue & Frontage Road/Driveway	City of Long Beach
3	San Francisco Avenue & 16th Street	City of Long Beach

It is important to note that a signal warrant defines the minimum condition under which the installation of a traffic signal might be warranted. Meeting this threshold condition does not require that a traffic control signal be installed at a particular location, but rather, that other traffic factors and conditions be evaluated in order to determine whether the signal is truly justified. It should also be noted that signal warrants do not necessarily correlate with LOS. An intersection may satisfy a signal warrant condition and operate at or above acceptable LOS or operate below acceptable LOS and not meet a signal warrant.

2.4 LOS CRITERIA

The definition of an intersection deficiency has been obtained from the City's General Plan.

2.4.1 CITY OF LONG BEACH

The City of Long Beach considers LOS D as the upper limit of satisfactory operations for total intersection operation.

2.4.2 LA COUNTY CMP

The CMP definition of deficiency is based on maintaining a level of service standard of LOS E or better. [3] However, there are no CMP intersections within the study area.

2.5 THRESHOLDS OF SIGNIFICANCE

2.5.1 CITY OF LONG BEACH

Mitigation is required for any signalized intersection where project traffic causes the intersection to deteriorate from LOS D to LOS E or LOS F, or if the project traffic causes an increase in v/c ratio of 0.02 or greater when the intersection is operating at LOS E or LOS F in the pre-project condition. Mitigation is required for any unsignalized intersection where the project traffic increases delay by 2% or greater when the entire intersection is operating at LOS E or LOS F in the pre-project condition.

2.5.2 LA COUNTY CMP

The LA County CMP considers an increase of 0.02 or more in the V/C ratio at a location that reaches LOS E or F to be a significant impact.

3 AREA CONDITIONS

This section provides a summary of the existing circulation network, the City of Long Beach General Plan Circulation Network and a review of existing peak hour intersection operations and traffic signal warrant analyses.

3.1 EXISTING CIRCULATION NETWORK

The study area includes a total of 4 existing and future intersections as shown previously on Exhibit 1-2. Exhibit 3-1 illustrates the study area intersections located near the proposed Project and identifies the number of through traffic lanes for existing roadways and intersection traffic controls.

3.2 CITY OF LONG BEACH GENERAL PLAN CIRCULATION NETWORK

As previously noted, the Project site is located within the City of Long Beach. Exhibit 3-2 shows the City of Long Beach General Plan street classification network. [8] The roadway classifications and planned (ultimate) roadway cross-sections of the major roadways within the study area, as identified on the City of Long Beach General Plan Circulation Network, are described subsequently.

Pacific Coast Highway (CA-1): Pacific Coast Highway (CA-1) is classified as a Regional Corridor. It serves as the main east-west Regional Corridor within the City, and extends through Los Angeles and the south-west through Seal Beach. Regional Corridors are designed for intraregional and intercommunity mobility, these corridors emphasize traffic movement and include signalized pedestrian crossings. The adjacent land uses should provide continuous mixed-use and commercial land uses with adequate off-street parking to minimize dependency on on-street parking.

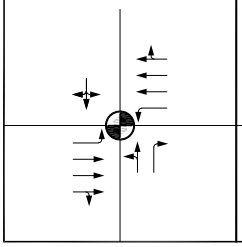
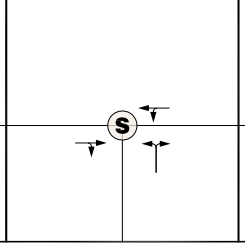
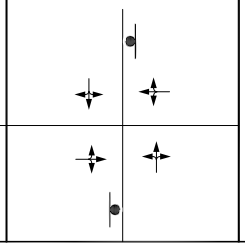
3.3 TRUCK ROUTES

The City of Long Beach designated truck route map is shown on Exhibit 3-3. Pacific Coast Highway (CA-1) is a State Facility and the only truck route in the study area. The designated truck route map has been utilized to route truck traffic from both the proposed Project and applicable future cumulative development projects throughout the study area.

3.4 BICYCLE & PEDESTRIAN FACILITIES

Existing bicycle routes are shown on Exhibit 3-4. Class III bikeways are on-road, unstriped bike routes. There is a Class III bike lane along Pacific Coast Highway (CA-1). Class I bike lanes are off-road bikeways. There is a Class I bikeway along the Los Angeles River. This 29.1-mile bikeway along the Los Angeles River connects to a pedestrian/bicycle path at Shoreline. The existing and future bicycle plan is shown on Exhibit 3-5. As shown, there is a future bike boulevard proposed along Daisy Avenue to the east and 15th Street to the southeast of the study area.

EXHIBIT 3-1: EXISTING NUMBER OF THROUGH LANES AND INTERSECTION CONTROLS

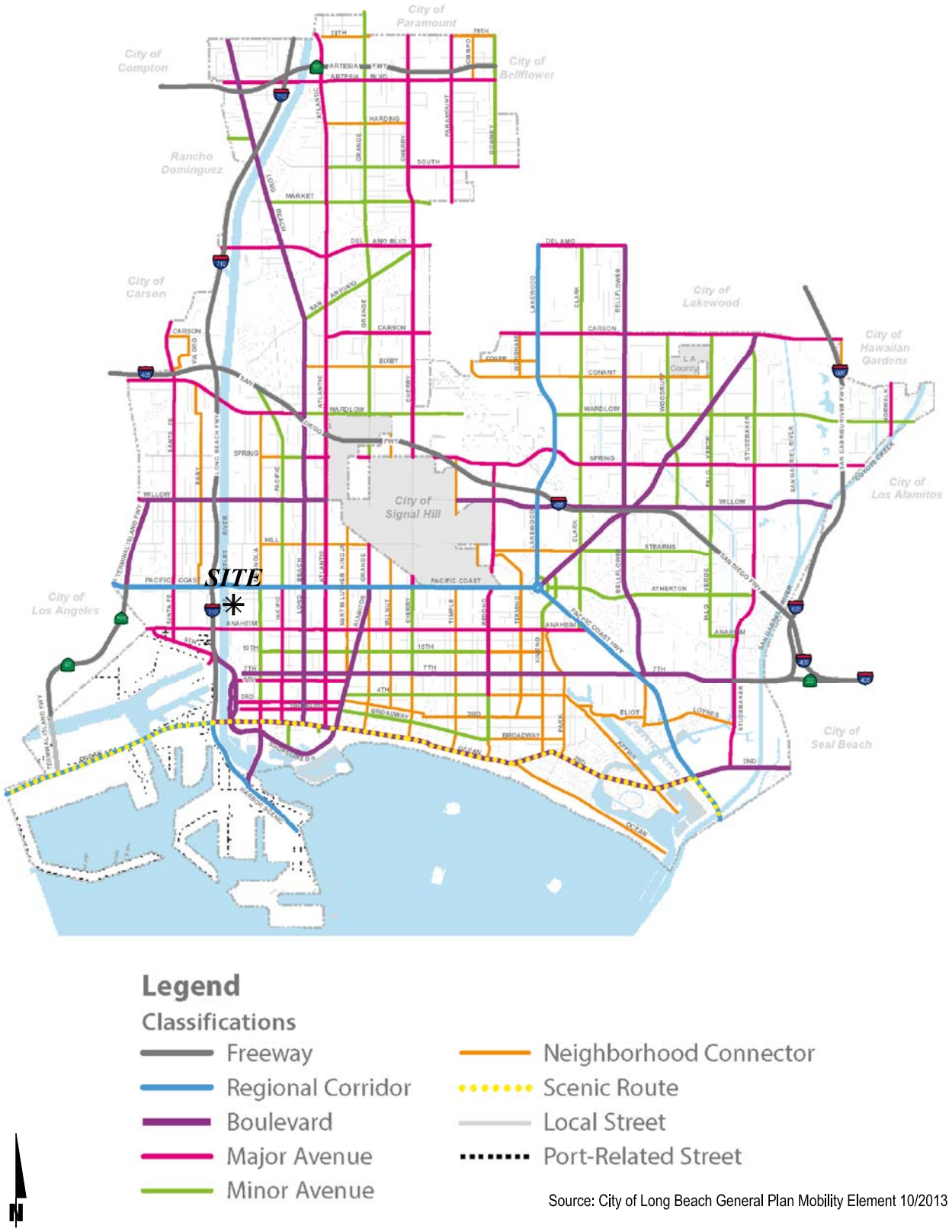
1 Golden Av./ San Francisco Av. & Pacific Coast Hwy. (CA-1)	2 San Francisco Av. & Driveway	3 San Francisco Av. & 16th St.	4 San Francisco Av. & Dwy. 1
			Future Intersection

LEGEND:

- = TRAFFIC SIGNAL
- = ALL WAY STOP
- = STOP SIGN
- 4 = NUMBER OF LANES
- D = DIVIDED
- U = UNDIVIDED
- SPEED LIMIT 25 = SPEED LIMIT (MPH)

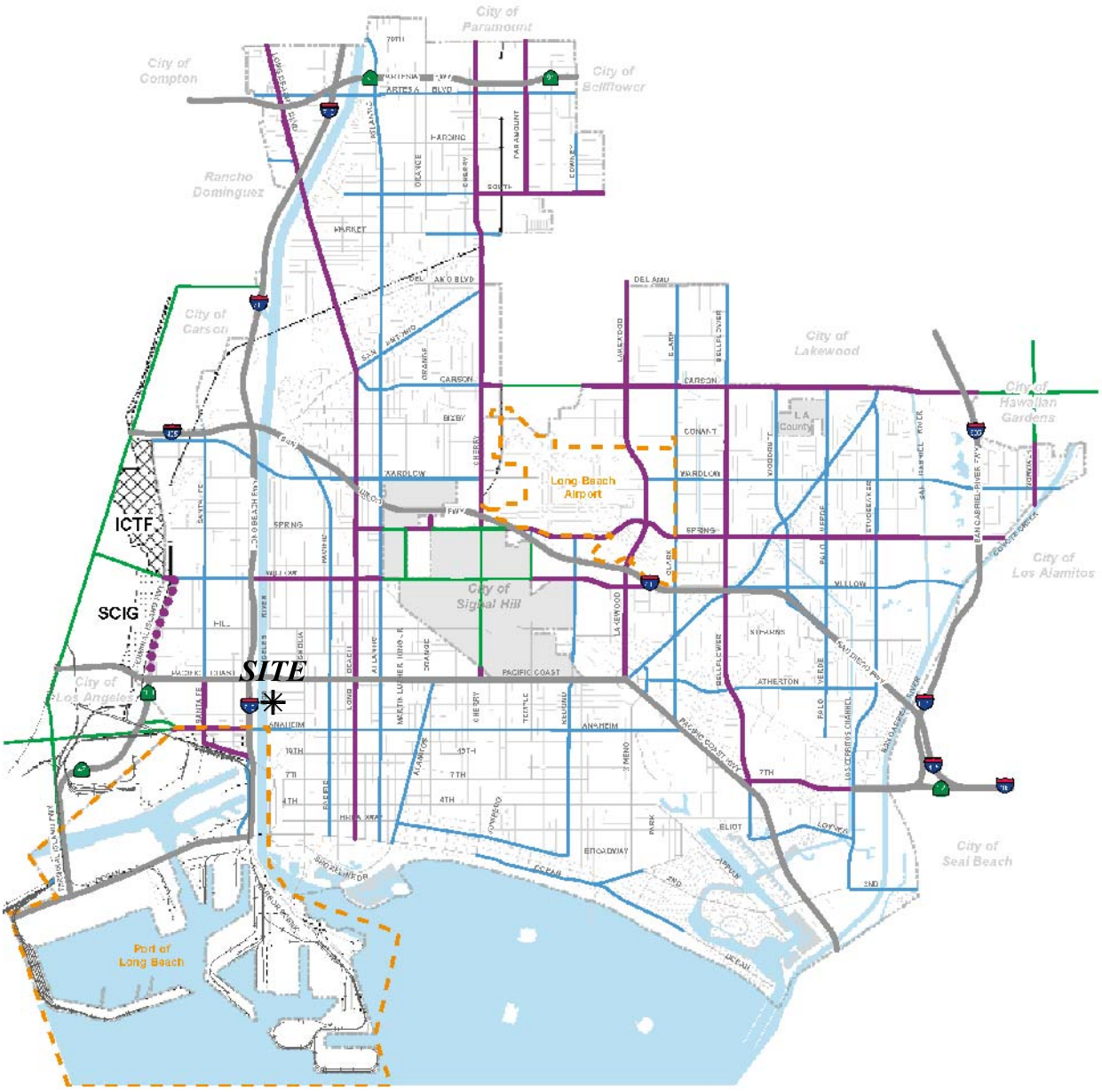
N

EXHIBIT 3-2: CONTEXT-SENSITIVE STREET CLASSIFICATION SYSTEM



Source: City of Long Beach General Plan Mobility Element 10/2013

EXHIBIT 3-3: DESIGNATED TRUCK ROUTES



Legend

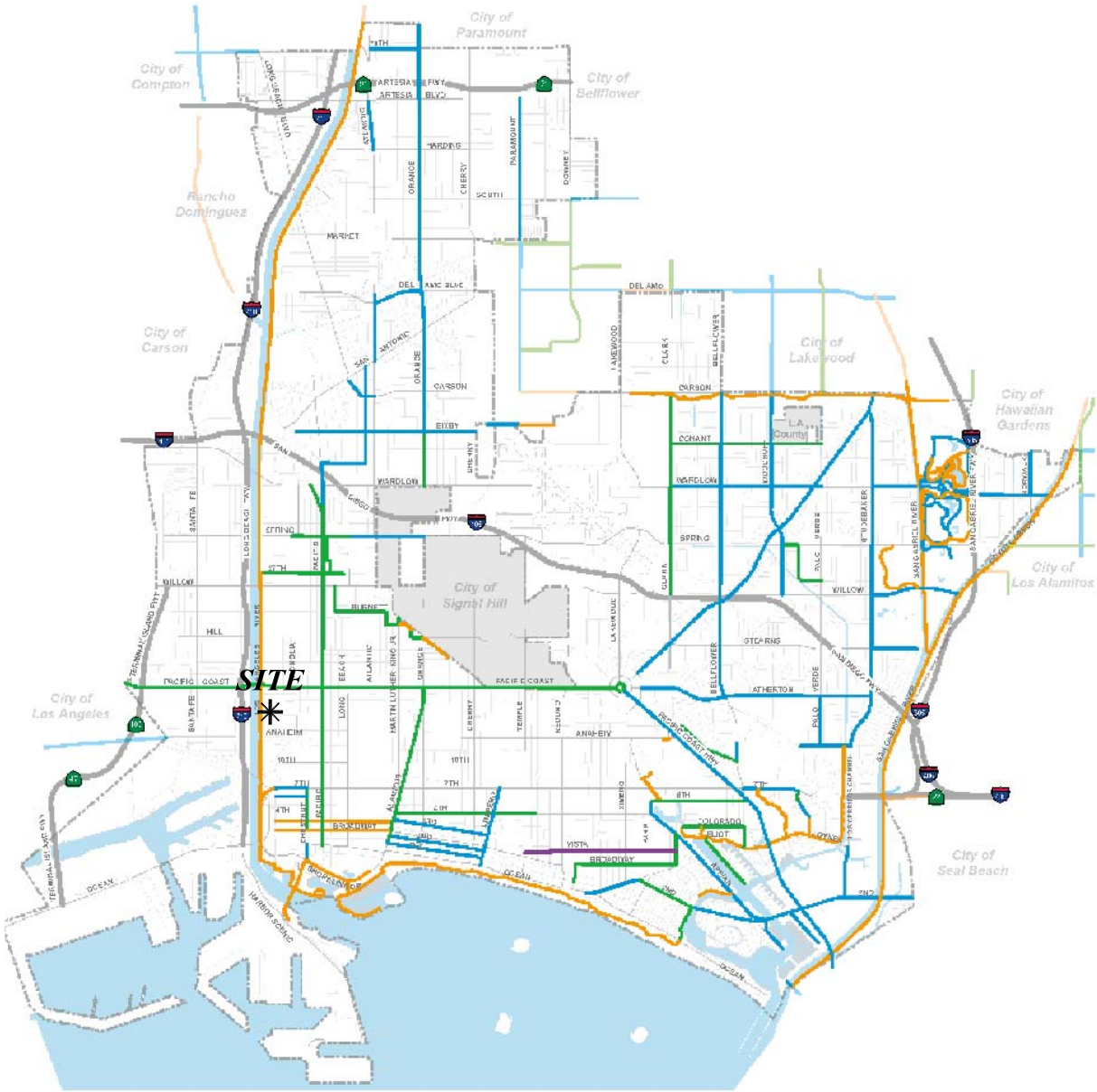
Truck Route

- Regional
- Recommended for Removal
- State Facility
- Other Cities

N

Source: City of Long Beach General Plan Mobility Element 10/2013

EXHIBIT 3-4: EXISTING BICYCLE NETWORK



Legend

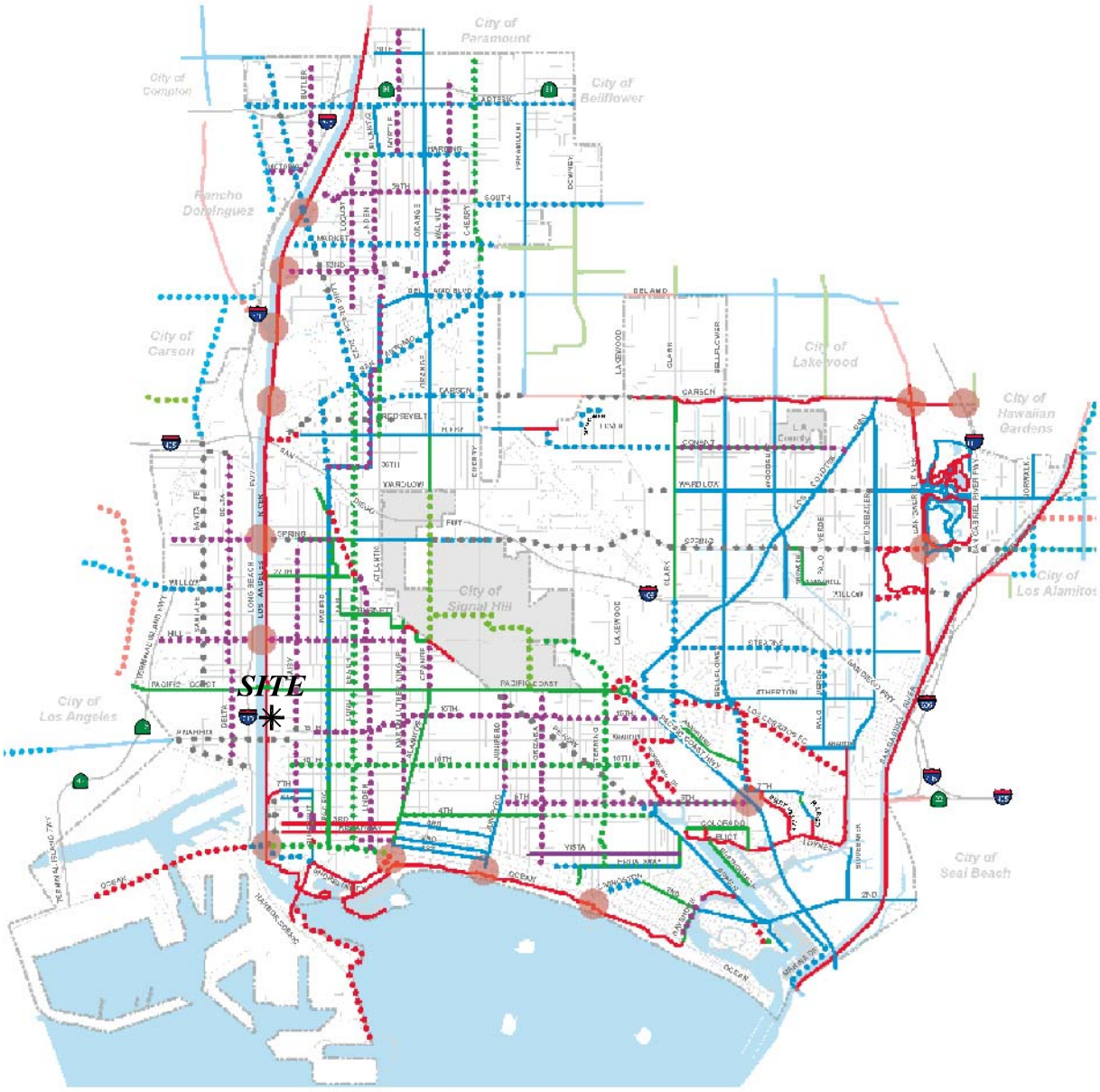
Existing Bikeways

- Bike Boulevard
- Class I Bike Path/Protected Lanes
- Class II Bike Lane
- Class III Bike Route/Sharrows

N

Source: City of Long Beach General Plan Mobility Element 10/2013

EXHIBIT 3-5: BICYCLE PLAN



Legend

Existing	Bikeways	Proposed
	Bike Boulevard	
	Class I Bikeway/Protected Lanes	
	Class II Bikeway	
	Class III Bikeway/Sharrows	
	To Be Determined	
	Bike Bridge/Access Improvement	

N

Source: City of Long Beach General Plan Mobility Element 10/2013

Exhibit 3-6 shows the Pedestrian Priority Areas throughout the City of Long Beach. The pedestrian priority areas highlights key areas throughout the City where enhancements to the network are proposed to improve pedestrian mobility and safety, where pedestrians would take priority over vehicular traffic. Although there are no pedestrian priority areas within the study area, Pacific Coast Highway (CA-1) is designated as a pedestrian priority area to the east of Orange Avenue and west of Santa Fe Avenue.

Field observations conducted in September 2018 indicate nominal pedestrian and bicycle activity within the study area. Existing pedestrian facilities (sidewalk and crosswalk) and bus stop locations within the study area are shown on Exhibit 3-7.

3.5 TRANSIT SERVICE

The study area is currently served by Long Beach Transit (LBT), a municipal transit agency serving the City of Long Beach and surrounding communities. The LBT offers 2 services: Local services and a Downtown Passport bus circulator. The shuttle service (Passport) provides service to popular downtown attractions, such as Shoreline Village, the Queen Mary, Aquarium, etc. Aqualink is a 68-foot catamaran which carries passengers from Downtown Long Beach waterfront to Alamitos Bay Landing. There is also the 49-passenger AquaBus water taxi service. The existing transit routes in the study area are shown on Exhibit 3-8. Currently, the study area is served by LBT Routes 1, 171, 175, and 176 along Pacific Coast highway (CA-1) and LBT Route 181 along Magnolia Avenue. LBT has stops located on CA-1, less than ½-mile from the site. The transit frequency at these stops is every 15-minutes. The study area is also served by Torrance Transit (Line 3), which has stops on CA-1, also less than ½-mile from the site.

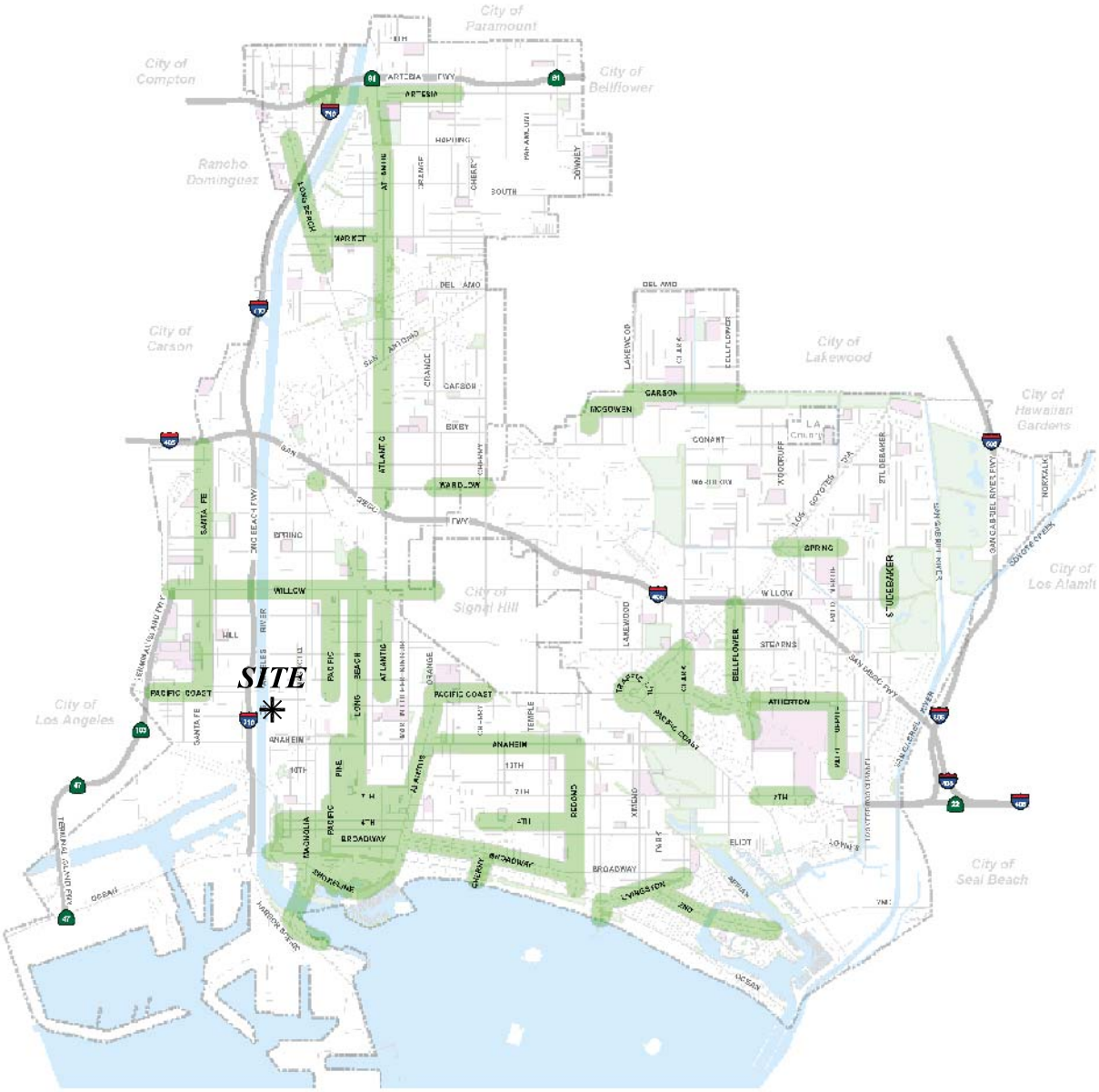
Exhibit 3-9 shows the transit priority streets, which serves a high volume of riders. Signal prioritization, transit only lanes, transit amenities, bike accommodates, and enhanced pedestrian facilities are proposed/exist along these streets. Pacific Coast Highway (CA-1) within the study area is designated as a primary transit route. Anaheim Street to the south of the study area is also a primary transit route.

3.6 CAPITAL IMPROVEMENT PROJECTS

Exhibit 3-10 shows the proposed capital improvement projects (CIP) that are currently under construction. The following CIP projects are within or in close proximity to the study area:

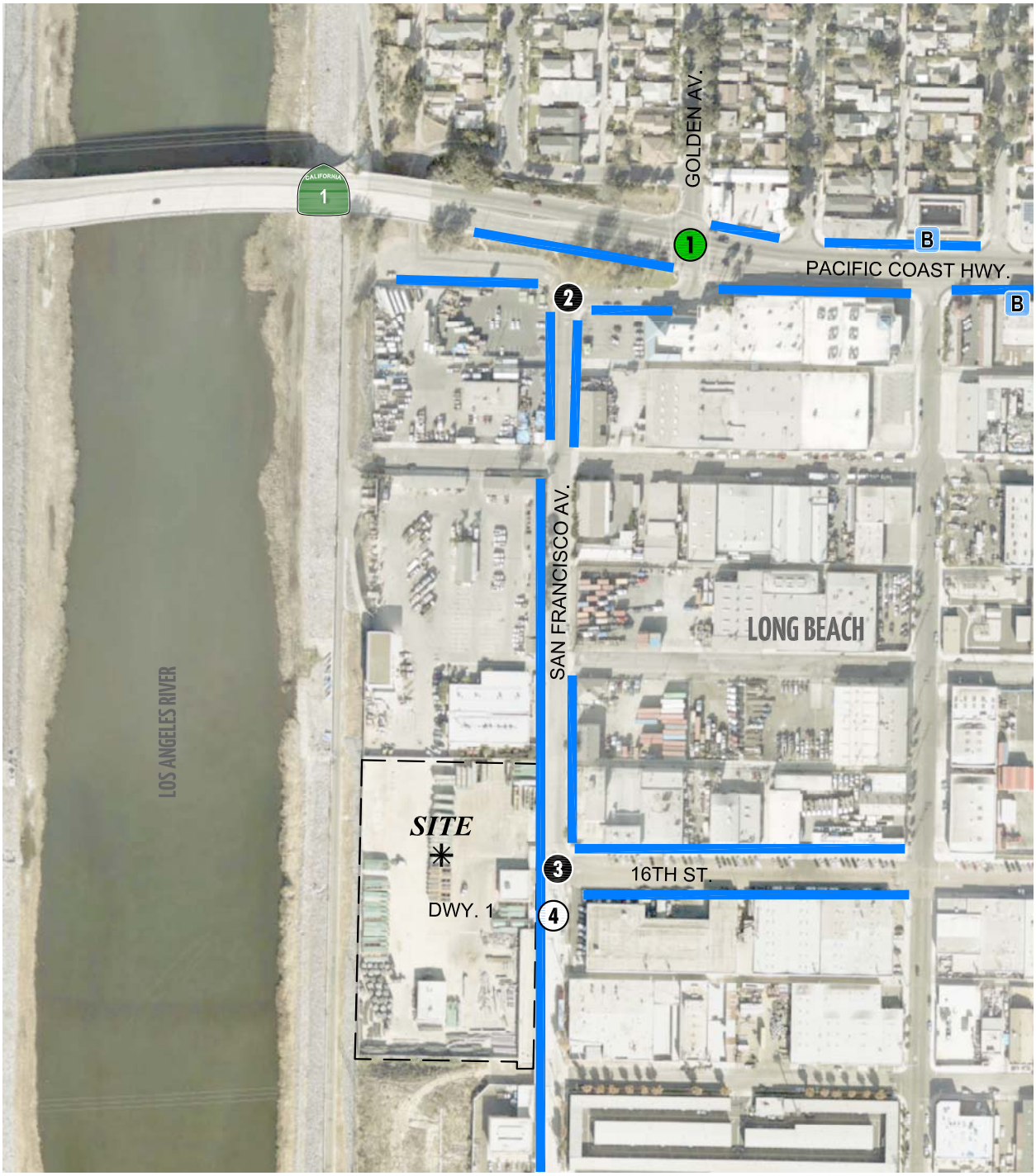
- CIP #19 (Pacific Coast Highway): Primary transit corridor implementation which include the addition of transit amenities to existing bus stops, potential BusRapid transit or high-capacity transit service improvements.
- CIP #17 (Anaheim Street): Corridor improvements (multimodal) which include signal upgrades and synchronization for all modes, streetscape improvements, and pedestrian amenities.
- CIP #41 (Anaheim Street): Multiple intersection improvements that include turn pockets and signalization to improve the peak hour throughput along the facility.
- CIP #50 (I-710 Freeway): Goods movement improvements to 6 key interchanges with east-west freeways and other major arterials between Ocean Boulevard and the SR-60 Freeway.

EXHIBIT 3-6: PEDESTRIAN-PRIORITY AREAS



Source: City of Long Beach General Plan Mobility Element 10/2013

EXHIBIT 3-7: EXISTING PEDESTRIAN FACILITIES



LEGEND:

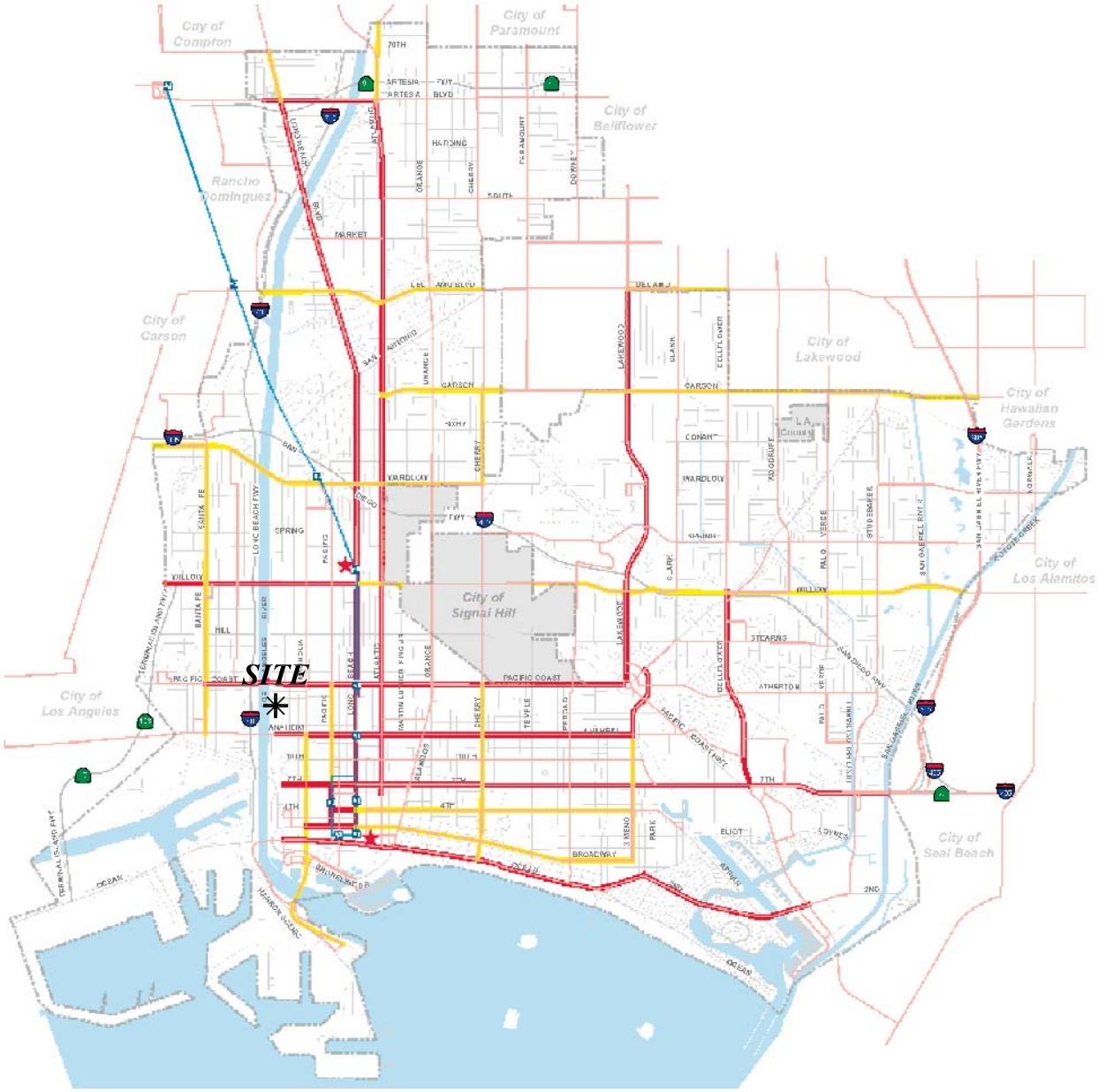
- = SIDEWALK
- = BIKE LANE
- B = BUS STOP
- 0 = NO CROSSWALK
- 0 = FUTURE INTERSECTION
- 0 = CROSSWALK ON ALL APPROACHES

N

EXHIBIT 3-8: EXISTING LOCAL TRANSIT ROUTES

Source: City of Long Beach General Plan Mobility Element 10/2013

EXHIBIT 3-9: TRANSIT-PRIORITY STREETS



Source: City of Long Beach General Plan Mobility Element 10/2013

EXHIBIT 3-10: CAPITAL IMPROVEMENT PROJECTS UNDER CONSTRUCTION

Source: City of Long Beach General Plan Mobility Element 10/2013

3.7 EXISTING TRAFFIC COUNTS

Manual weekday AM and PM peak hour turning movement counts were conducted in September 2018, while surrounding area schools were in session. The raw manual peak hour turning movement traffic count data sheets are included in Appendix 3.1. The traffic counts collected in September 2018 include the vehicle classifications as shown below:

- Passenger Cars
- 2-Axle Trucks
- 3-Axle Trucks
- 4 or More Axle Trucks

To represent the impact large trucks, buses and recreational vehicles have on traffic flow; all trucks were converted into PCEs. By their size alone, these vehicles occupy the same space as two or more passenger cars. In addition, the time it takes for them to accelerate and slow-down is also much longer than for passenger cars, and varies depending on the type of vehicle and number of axles. For the purpose of this analysis, a PCE factor of 1.5 has been applied to 2-axle trucks, 2.0 for 3-axle trucks and 3.0 for 4+-axle trucks to estimate each turning movement. It should be noted that LA County and the Southern California Association of Governments (SCAG) do not have readily available PCE factor recommendations. As such, the PCE factors used are based on recommendations from San Bernardino County Transportation Authority (SBCTA) which is consistent with standard engineering practice throughout the southern California region. Further use of the SBCTA PCE factors was reviewed by the City of Long Beach staff during the traffic study scoping process and is appropriate based on Urban Crossroads' professional engineering judgment.

Existing average daily traffic (ADT) volumes on arterial highways throughout the study area are shown on Exhibit 3-11. Existing ADT volumes are based upon factored intersection peak hour counts collected by Urban Crossroads, Inc. using the following formula for each intersection leg:

Weekday PM Peak Hour (Approach Volume + Exit Volume) x 10.2146 = Leg Volume

A comparison of the PM peak hour and daily traffic volumes of various roadway segments within the study area indicated that the peak-to-daily relationship is approximately 9.79 percent. As such, the above equation utilizing a factor of 10.2146 estimates the ADT volumes on the study area roadway segments assuming a peak-to-daily relationship of approximately 9.79 percent (i.e., 1/0.0979 = 10.2146) and was assumed to sufficiently estimate ADT volumes for planning-level analyses.

Existing AM and PM peak hour intersection volumes are also shown on Exhibit 3-11. All of the intersection turning movement volumes illustrated on the exhibits and used in the peak hour operations analyses are shown in terms of PCE.

EXHIBIT 3-11: EXISTING (2018) TRAFFIC VOLUMES (IN PCE)

1 Golden Av./ San Francisco Av. & Pacific Coast Hwy. (CA-1)	2 San Francisco Av. & Driveway	3 San Francisco Av. & 16th St.	4 San Francisco Av. & Dwy. 1
71(53) 2(0) 27(16) 18(27) 1635(978) 10(3)	7(15) 55(28)	2(0) 32(14) 15(14) 7(42) 7(0) 4(3)	Future Intersection
12(55) 1087(1728) 63(38) 31(100) 1(1) 14(25)	4(4) 9(10) 7(39) 48(138)	0(0) 4(0) 0(0) 1(0) 24(41) 0(2)	

LEGEND:

10(10) = AM(PM) PEAK HOUR INTERSECTION VOLUMES

10.0 = VEHICLES PER DAY (1000'S)

N

3.8 EXISTING CONDITIONS INTERSECTION OPERATIONS ANALYSIS

Existing peak hour traffic operations have been evaluated for the study area intersections based on the analysis methodologies presented in Section 2.2 *Intersection Capacity Analysis* of this report. The intersection operations analysis results are summarized in Table 3-1 which indicates that all of the study area intersections are currently operating at an acceptable LOS during the peak hours.

Consistent with Table 3-1, a summary of the peak hour intersection LOS for Existing conditions is shown on Exhibit 3-12. The intersection operations analysis worksheets are included in Appendix 3.2 of this TIA.

3.9 EXISTING CONDITIONS TRAFFIC SIGNAL WARRANTS ANALYSIS

Traffic signal warrants for Existing traffic conditions are based on existing peak hour intersection turning volumes. For Existing traffic conditions, there are not study area intersections that currently warrant a traffic signal based on the peak hour traffic volumes (See Appendix 3.3).

Table 3-1

Intersection Analysis for Existing (2018) Conditions

#	Intersection	Traffic Control[3]	Intersection Approach Lanes[1]												ICU/Delay[2] (secs.)		Level of Service	
			Northbound			Southbound			Eastbound			Westbound						
			L	T	R	L	T	R	L	T	R	L	T	R	AM	PM	AM	PM
1	Golden Av./San Francisco Av. & PCH (CA-1)	TS	0	1	1	0	1	0	1	3	0	1	3	0	0.522	0.564	A	A
2	San Francisco Av. & Driveway	AWS	0	1	0	0	0	0	0	1	0	0	1	0	7.3	8.0	A	A
3	San Francisco Av. & 16th Street	CSS	0	1	0	0	1	0	0	1	0	0	1	0	9.8	8.9	A	A
4	San Francisco Av. & Driveway 1		Future Intersection															

[1] When a right turn is designated, the lane can either be striped or unstriped. To function as a right turn lane there must be sufficient width for right turning vehicles to travel outside the through lanes.

L = Left; T = Through; R = Right

[2] Intersection capacity utilization (ICU) methodology results are presented as a volume-to-capacity ratio.
Per the Highway Capacity Manual (6th Edition), overall average intersection delay and level of service are shown for intersections with a traffic signal or all way stop control. For intersections with cross street stop control, the delay and level of service for the worst individual movement (or movements sharing a single lane) are shown.

[3] CSS = Cross-street Stop; AWS = All Way Stop; TS = Traffic Signal

EXHIBIT 3-12: EXISTING (2018) SUMMARY OF LOS

11853 - los.dwg

This Page Intentionally Left Blank

4 PROJECTED FUTURE TRAFFIC

This section presents the traffic volumes estimated to be generated by the Project, as well as the Project's trip assignment onto the study area roadway network. For purposes of this TIA, the Project is to consist of 2 general light industrial buildings totaling approximately 95,373 sf. The Project is anticipated to be constructed in one phase by the year 2020. Driveway 1 on San Francisco Avenue is proposed to allow for full access movements serving both passenger cars and trucks.

4.1 PROJECT TRIP GENERATION

Trip generation represents the amount of traffic which is both attracted to and produced by a development. Determining traffic generation for a specific project is therefore based upon forecasting the amount of traffic that is expected to be both attracted to and produced by the specific land uses being proposed for a given development.

The Institute of Transportation Engineers (ITE) Trip Generation Manual is a nationally recognized source for estimating site-specific trip generation. The trip generation rates used for the Project are based upon data collected by ITE in their Trip Generation Manual, 10th Edition, 2017. [2] Brief descriptions of the proposed Project land use is provided below:

General Light Industrial (ITE 110): A light industrial facility is a free-standing facility devoted to a single use. The facility has an emphasis on activities other than manufacturing and typically has minimal office space.

PCE factors have been applied to the trip generation rates for heavy trucks (large 2-axles, 3-axles, 4+-axles). Consistent with standard traffic engineering practice in Southern California, PCE factors have been utilized due to the expected heavy truck component for the proposed Project land use. PCE factors allow the typical "real-world" mix of vehicle types to be represented as a single, standardized unit, such as the passenger car, for the purposes of capacity and level of service analyses. PCE factors are applied to large truck types such as large two-axles, three-axles, 4+-axles. A PCE factor of 1.5 has been applied to large 2-axle trucks, a factor of 2.0 for 3-axle trucks and a factor of 3.0 for 4+-axle trucks.

Trip generation rates used to estimate traffic generated by the Project in terms of PCE and actual vehicles are shown in Table 4-1. As shown on Table 4-1, the Project would generate a net total of approximately 619 PCE trip ends per day with 87 PCE AM peak hour trips and 79 PCE PM peak hour trips. A summary of trip generation for the Project in terms of actual vehicles is also shown in Table 4-1, which indicates the Project would generate a net total of approximately 473 trip-ends per day with 65 AM peak hour trips and 60 PM peak hour trips.

Table 4-1

Project Trip Generation Summary

Land Use	ITE Land Use Code	Units[2]	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total	Daily
Project Trip Generation Rates (Actual Vehicles)[1]									
General Light Industrial[3]	110	TSF	0.616	0.084	0.700	0.082	0.548	0.630	4.960
Passenger Cars (80.0%)			0.493	0.067	0.560	0.066	0.438	0.504	3.968
2-Axle Trucks (3.34%)			0.021	0.003	0.023	0.003	0.018	0.021	0.166
3-Axle Trucks (4.14%)			0.026	0.003	0.029	0.003	0.023	0.026	0.205
4-Axle+ Trucks (12.52%)			0.077	0.011	0.088	0.010	0.069	0.079	0.621
Project Trip Generation Rates (PCE)[1]									
General Light Industrial[3]	110	TSF	0.616	0.084	0.700	0.082	0.548	0.630	4.960
Passenger Cars (80.0%)			0.493	0.067	0.560	0.066	0.438	0.504	3.968
2-Axle Trucks (3.34%) (PCE = 1.5)[4]			0.031	0.004	0.035	0.004	0.027	0.032	0.248
3-Axle Trucks (4.14%) (PCE = 2.0)[4]			0.051	0.007	0.058	0.007	0.045	0.052	0.411
4-Axle+ Trucks (12.52%) (PCE = 3.0)[4]			0.231	0.032	0.263	0.031	0.206	0.237	1.863

Project	Quantity	Units[2]	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total	Daily
Project Trip Generation Summary (Actual Vehicles)									
San Francisco Avenue Warehouse	95.373	TSF							
Passenger Cars:			47	6	53	6	42	48	378
Truck Trips:									
2-axle:			*2*	*0*	*2*	*0*	*2*	*2*	*16*
3-axle:			*2*	*0*	*2*	*0*	*2*	*2*	*20*
4+-axle:			*7*	*1*	*8*	*1*	*7*	*8*	*59*
- Net Truck Trips			*11*	*1*	*12*	*1*	*11*	*12*	*95*
Proposed Project Total (Actual Vehicles)			***58***	***7***	***65***	***7***	***53***	***60***	***473***
Project Trip Generation Summary (PCE)									
San Francisco Avenue Warehouse	95.373	TSF							
Passenger Cars:			47	6	53	6	42	48	378
Truck Trips:									
2-axle:			*3*	*0*	3	*0*	*3*	3	*24*
3-axle:			*5*	*1*	6	*1*	*4*	5	*39*
4+-axle:			*22*	*3*	25	*3*	*20*	23	*178*
- Net Truck Trips			*30*	*4*	*34*	*4*	*27*	*31*	*241*
Proposed Project Total (PCE)			***77***	***10***	***87***	***10***	***69***	***79***	***619***

[1] Trip Generation Source: Institute of Transportation Engineers (ITE), Trip Generation Manual, Tenth Edition (2017).

[2] TSF = thousand square feet

[3] Vehicle mix source: ITE Trip Generation Handbook, 2017. Truck Mix Source: City of Fontana Truck Trip Generation Study (Land Use 150), August 2003.

[4] PCE factors: 1.5 for 2-axle, 2.0 for 3-axle, and 3.0 for 4+-axle

4.2 PROJECT TRIP DISTRIBUTION

Trip distribution is the process of identifying the probable destinations, directions or traffic routes that will be utilized by Project traffic. The potential interaction between the planned land use and surrounding regional access routes are considered, to identify the route where the Project traffic would distribute. The Project trip distribution was developed based on anticipated travel patterns to and from the Project site. The existing roadway network and location of regional destinations have been reviewed to develop the Project trip distribution pattern.

Exhibit 4-1 illustrates the passenger car trip distribution patterns for the Project and Exhibit 4-2 illustrates the truck trip distribution patterns for the Project. The same trip distribution patterns are utilized for E+P and Opening Year Cumulative traffic conditions as the study area roadway network is similar for these analysis scenarios.

4.3 MODAL SPLIT

The traffic reducing potential of public transit, walking or bicycling have not been considered in this TIA, in an effort to conduct a conservative analysis.

4.4 PROJECT TRIP ASSIGNMENT

The assignment of traffic from the Project area to the adjoining roadway system is based upon the Project trip generation, trip distribution, and the arterial highway and local street system improvements that would be in place by the time of initial occupancy of the Project. Based on the identified Project traffic generation and trip distribution patterns, Project ADT, AM and PM peak hour traffic volumes are shown on Exhibit 4-3.

4.5 BACKGROUND TRAFFIC

The Opening Year Cumulative conditions analysis determines the Project's contribution to near-term cumulative traffic impacts based on a comparison of the "With Project" traffic scenario to the "Without Project" traffic scenario. To account for background traffic growth, traffic associated with other known cumulative development projects in conjunction with an ambient growth from Existing (2018) conditions of 3.02% (1.5% per year over two years) is included for Opening Year Cumulative, as well as traffic generated by cumulative projects that could affect the study intersections.

The generalized growth factors provided in 2010 LA CMP indicates a growth factor of 1.152 for ten years (2010 to 2020) or 1.5% per year for the RSA 20 (Long Beach) in which the Project is located. [3] As such, the analysis is consistent with the CMP guidelines.

EXHIBIT 4-1: PROJECT (PASSENGER CAR) TRIP DISTRIBUTION

LEGEND:

10 = PERCENT TO/FROM PROJECT

N

11853 - trip.dwg

URBAN CROSSROADS

EXHIBIT 4-2: PROJECT (TRUCK) TRIP DISTRIBUTION

LEGEND:

10 = PERCENT TO/FROM PROJECT

N

EXHIBIT 4-3: PROJECT ONLY TRAFFIC VOLUMES (IN PCE)

1 Golden Av./ San Francisco Av. & Pacific Coast Hwy. (CA-1)	2 San Francisco Av. & Driveway	3 San Francisco Av. & 16th St.	4 San Francisco Av. & Dwy. 1
0(0) 0(0) 0(0) 0(0) 0(0) 19(3)	0(0) 63(8)	63(8) 0(0) 0(0) 14(2)	77(10) 0(0)
0(0) 0(0) 43(6) 6(39) 0(0) 3(17)	0(0) 0(0) 0(0) 8(56)	8(56) 2(13)	10(69) 0(0) 0(0) 0(0)

LEGEND:

10(10) = AM(PM) PEAK HOUR INTERSECTION VOLUMES

10.0 = VEHICLES PER DAY (1000'S)

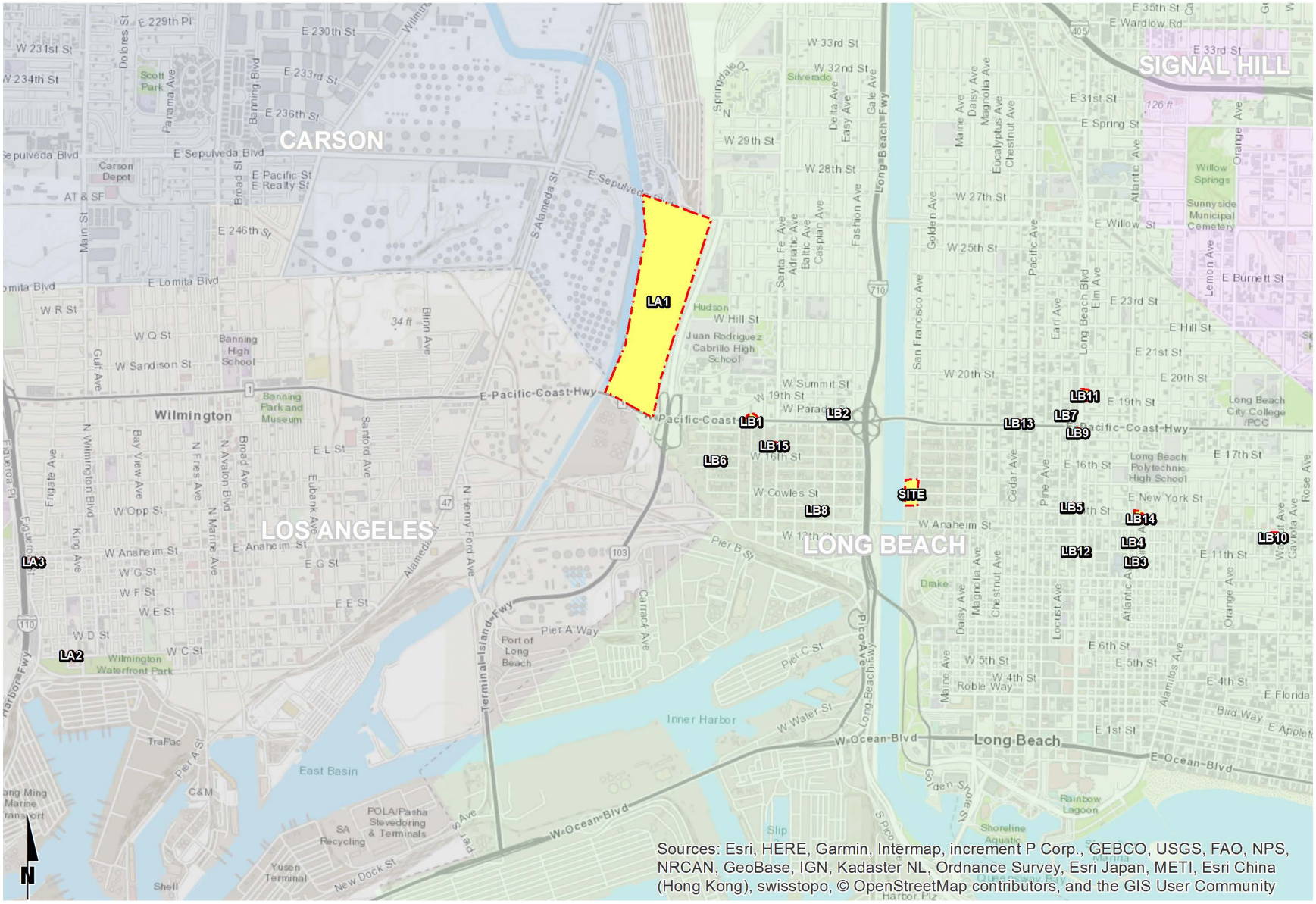
N

4.6 CUMULATIVE DEVELOPMENT TRAFFIC

California Environmental Quality Act (CEQA) guidelines require that other reasonably foreseeable development projects which are either approved or being processed concurrently in the study area also be included as part of a cumulative analysis scenario. Exhibit 4-4 illustrates the cumulative development location map. A summary of cumulative development projects and their proposed land uses are shown on Table 4-2. If applicable (i.e. if the cumulative projects would contribute trips to study area intersections), the traffic generated by individual cumulative projects was manually added to the Opening Year Cumulative and Horizon Year forecasts to ensure that traffic generated by the listed cumulative development projects in Table 4-2 are reflected as part of the background traffic. Traffic from other cumulative developments farther away from the study area are not anticipated to add significant traffic and are accounted for by the ambient growth rate applied to forecast the background traffic. Cumulative ADT, AM and PM peak hour traffic volumes are shown on Exhibit 4-5.

This Page Intentionally Left Blank

EXHIBIT 4-4: CUMULATIVE DEVELOPMENT LOCATION MAP



URBAN CROSSROADS

EXHIBIT 4-5: CUMULATIVE ONLY TRAFFIC VOLUMES (IN PCE)

1 Golden Av./ San Francisco Av. & Pacific Coast Hwy. (CA-1)	2 San Francisco Av. & Driveway	3 San Francisco Av. & 16th St.	4 San Francisco Av. & Dwy. 1
0(0) 0(0) 0(0) 0(0) 60(82) 0(0)	0(0) 0(0)	0(0) 0(0) 0(0) 0(0) 0(0) 0(0)	Future Intersection
0(0) 71(87) 0(0) 0(0) 0(0) 0(0)	0(0) 0(0) 0(0) 0(0)	0(0) 0(0) 0(0) 0(0) 0(0) 0(0)	

LEGEND:

10(10) = AM(PM) PEAK HOUR INTERSECTION VOLUMES
10.0 = VEHICLES PER DAY (1000'S)

N

Table 4-2

Cumulative Development Land Use Summary

#	Project/Location	Land Use	Quantity	Units[1]
City of Long Beach				
LB1	1901 W. Pacific Coast Hwy.	Warehouse	195.000	TSF
LB2	1834 Harbor Av.	Industrial Building		
LB3	1078,10780-1090 Atlantic Av., 1085-1095 Lime Av.	Medical Office Building	11.000	TSF
LB4	602 E. Anaheim St.	Fast-food Restaurant w/ Drive-Through	2.940	TSF
LB5	1400 Long Beach Bl.	Multifamily Residential	64	DU
		Commercial Retail	2.100	TSF
	1401 Long Beach Bl. & 217 E. 14th St.	Multifamily Residential	142	DU
		Commercial Retail	4.000	TSF
LB6	2136-2144 W. 16th St.	Warehouse	4.000	TSF
LB7	1836-1852 Locust Av.	Affordable Housing Apartments	60	DU
LB8	1468 W. 14th St.	Warehouse	22.000	TSF
LB9	1795 Long Beach Bl.	Multifamily Residential	101	DU
		Commercial Retail	4.051	TSF
LB10	1500 E. Anaheim St. / 1205-1209 Walnut Av.	Multifamily Residential (Affordable)	87	DU
		Health Clinic	18.000	TSF
LB11	1900-1940 Long Beach Bl.	Multifamily Residential	95	DU
		Commercial Retail	12.400	TSF
LB12	1112-1130 Locust Avenue	Apartments	97	DU
	1101-1105, 1107, 1145, & 1157 Long Beach Bl.	Multifamily Residential	121	DU
		Commercial Retail	5.000	TSF
LB13	201-245 W. Pacific Coast Hwy.	Multifamily Residential	154	DU
		Commercial Retail	36.000	TSF
LB14	1320 Atlantic Av. & 739 E. Anaheim St.	Fast-food Restaurant w/ Drive-Through	10.070	TSF
		Grocery Store	20.120	TSF
		Restaurant	4.020	TSF
LB15	1675 Santa Fe Av.	Warehouse	21.377	TSF
City of Los Angeles				
LA1	Pacific Coast Hwy.	Rail Intermodal Facility		
LA2	300 N. Hawaiian Av.	Apartments	188	DU
LA3	1330 W. Anaheim St.	Dunkin' Donuts		

[1] TSF = Thousand Square Feet; DU = Dwelling Units

This Page Intentionally Left Blank

5 E+P TRAFFIC CONDITIONS

In an effort to satisfy the CEQA Guidelines section 15125(a), an analysis of existing traffic volumes plus traffic generated by the proposed Project (E+P) has been included in this analysis. This section discusses the traffic forecasts for E+P conditions and the resulting intersection operations and traffic signal warrant analyses.

5.1 ROADWAY IMPROVEMENTS

The lane configurations and traffic controls assumed to be in place for E+P conditions are consistent with those shown previously on Exhibit 3-1, with the exception of the Project driveway and those facilities assumed to be constructed by the Project to provide site access, which are also assumed to be in place for E+P conditions. In other words, no other off-site improvements are assumed beyond those that currently exist with the exception of the intersections and roadways that would be improved by the Project for access.

5.2 E+P TRAFFIC VOLUME FORECASTS

This scenario includes Existing traffic volumes plus Project traffic. Exhibit 5-1 shows the ADT, AM and PM peak hour traffic volumes which can be expected for E+P traffic conditions.

5.3 INTERSECTION OPERATIONS ANALYSIS

E+P peak hour traffic operations have been evaluated for the study area intersections based on the analysis methodologies presented in Section 2 *Methodologies* of this TIA. The intersection analysis results are summarized in Table 5-1, which indicates the study area intersections would continue to operate at an acceptable LOS during the peak hours with the addition of Project traffic, consistent with Existing traffic conditions.

Consistent with Table 5-1, a summary of the peak hour intersection LOS for E+P conditions are shown on Exhibit 5-2. The intersection operations analysis worksheets for E+P traffic conditions are included in Appendix 5.1 of this TIA.

5.4 TRAFFIC SIGNAL WARRANTS ANALYSIS

For E+P conditions, there are no study area intersections anticipated to meet peak hour volume-based traffic signal warrants (see Appendix 5.2).

5.5 E+P IMPACTS

Based on the applicable jurisdiction's significance criteria as discussed in Section 2.5 *Thresholds of Significance*, there are no study area intersections that are anticipated to be significantly impacted by the Project for E+P traffic conditions. As such, no improvements have been recommended.

EXHIBIT 5-1: E+P TRAFFIC VOLUMES (IN PCE)

1 Golden Av./ San Francisco Av. & Pacific Coast Hwy. (CA-1)	2 San Francisco Av. & Driveway	3 San Francisco Av. & 16th St.	4 San Francisco Av. & Dwy. 1
71(53) 2(0) 27(16) 18(27) 1635(978) 29(6)	7(15) 118(36)	95(22) 15(14) 7(42) 18(5)	77(10) 36(17)
12(55) 1087(1728) 106(44) 37(139) 1(1) 17(42)	4(4) 9(10) 7(39) 56(194)	32(97) 2(15)	10(69) 0(0) 0(0) 25(43)

LEGEND:

10(10) = AM(PM) PEAK HOUR INTERSECTION VOLUMES

10.0 = VEHICLES PER DAY (1000'S)

N

EXHIBIT 5-2: E+P SUMMARY OF LOS

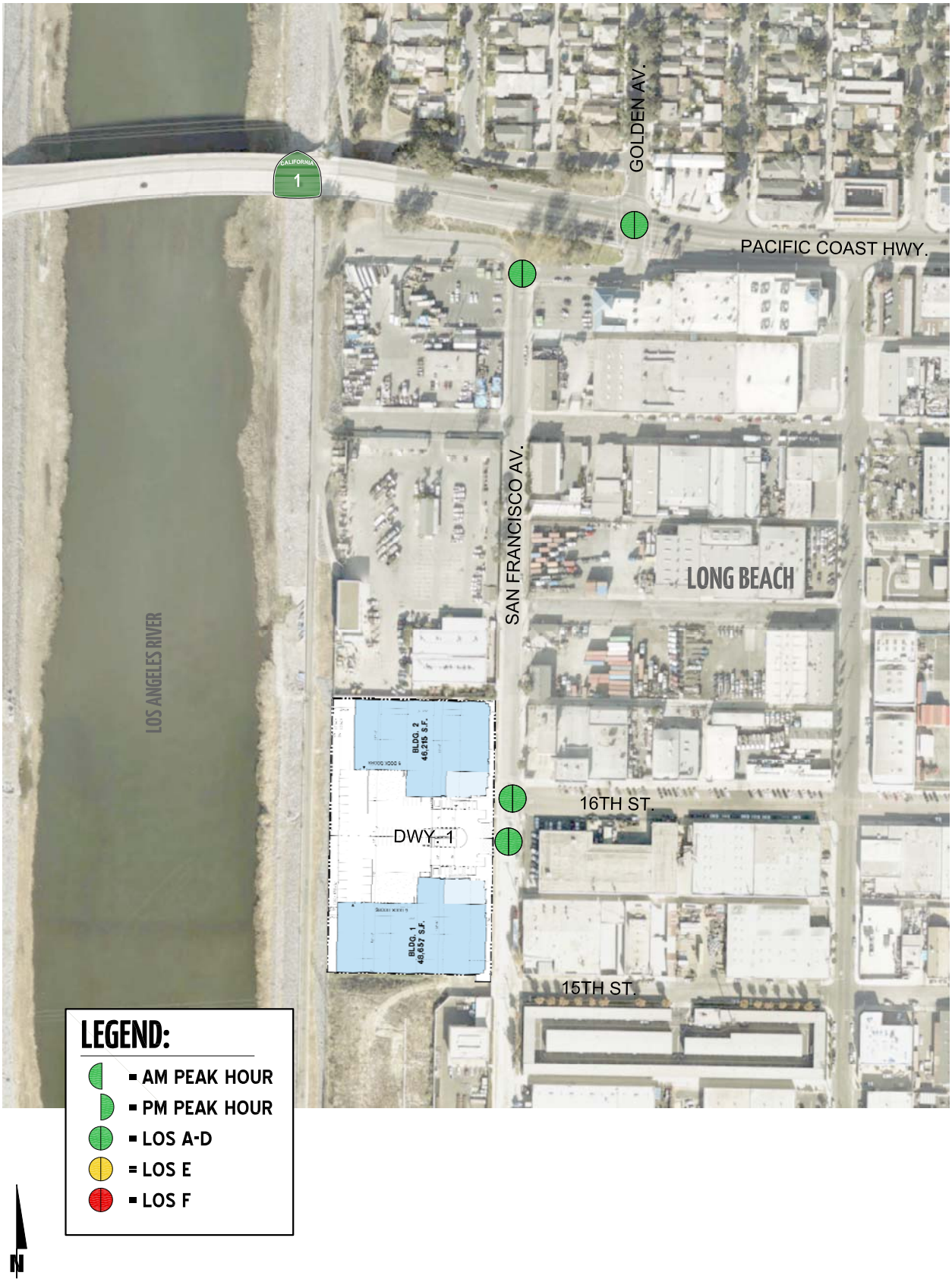


Table 5-1

Intersection Analysis for E+P Conditions

#	Intersection	Traffic Control[2]	Existing (2018) ICU/Delay[1] (secs.) AM	Existing (2018) ICU/Delay[1] (secs.) PM	Existing (2018) Level of Service AM	Existing (2018) Level of Service PM	E+P ICU/Delay[1] (secs.) AM	E+P ICU/Delay[1] (secs.) PM	E+P Level of Service AM	E+P Level of Service PM
1	Golden Av./San Francisco Av. & PCH (CA-1)	TS	0.522	0.564	A	A	0.526	0.591	A	A
2	San Francisco Av. & Driveway	AWS	7.3	8.0	A	A	7.8	8.5	A	A
3	San Francisco Av. & 16th Street	CSS	9.8	8.9	A	A	9.7	9.5	A	A
4	San Francisco Av. & Driveway 1	**CSS**	Intersection Does Not Exist				9.1	9.2	A	A

[1] Intersection capacity utilization (ICU) methodology results are presented as a volume-to-capacity ratio.
Per the Highway Capacity Manual (6th Edition), overall average intersection delay and level of service are shown for intersections with a traffic signal or all way stop control. For intersections with cross street stop control, the delay and level of service for the worst individual movement (or movements sharing a single lane) are shown.

[2] CSS = Cross-street Stop; AWS = All Way Stop; TS = Traffic Signal; **CSS** = Improvement

6 OPENING YEAR CUMULATIVE (2020) TRAFFIC CONDITIONS

This section discusses the methods used to develop Opening Year Cumulative Without and With Project traffic forecasts, and the resulting intersection operations and traffic signal warrant analyses.

6.1 ROADWAY IMPROVEMENTS

The lane configurations and traffic controls assumed to be in place for Opening Year Cumulative conditions are consistent with those shown previously on Exhibit 3-1, with the exception of the Project driveway and those facilities assumed to be constructed by the Project to provide site access, which would be in place for Opening Year Cumulative traffic conditions.

6.2 OPENING YEAR CUMULATIVE WITHOUT PROJECT TRAFFIC VOLUME FORECASTS

The weekday ADT, AM and PM peak hour volumes which can be expected for Opening Year Cumulative (2020) Without Project traffic conditions are shown on Exhibit 6-1.

6.3 OPENING YEAR CUMULATIVE WITH PROJECT TRAFFIC VOLUME FORECASTS

The weekday ADT, AM and PM peak hour volumes which can be expected for Opening Year Cumulative (2020) With Project traffic conditions are shown on Exhibit 6-2.

6.4 INTERSECTION OPERATIONS ANALYSIS

LOS calculations were conducted for the study intersections to evaluate their operations under Opening Year Cumulative Without Project conditions, with roadway and intersection geometrics consistent with Section 6.1 *Roadway Improvements*. As shown in Table 6-1, the study area intersections are anticipated to continue to operate at an acceptable LOS during the peak hours.

A summary of the peak hour intersection LOS for Opening Year Cumulative Without and With Project conditions are shown on Exhibits 6-3 and 6-4, respectively. The intersection operations analysis worksheets for Opening Year Cumulative Without and With Project traffic conditions are included in Appendix 6.1 and Appendix 6.2 of this TIA, respectively.

6.5 TRAFFIC SIGNAL WARRANTS ANALYSIS

There are no study area intersections that are anticipated to meet peak hour volume-based traffic signal warrants for Opening Year Cumulative (2020) Without and With Project traffic conditions (see Appendix 6.3 and Appendix 6.4).

5.6 OPENING YEAR CUMULATIVE (2020) IMPACTS

Based on the applicable jurisdiction's significance criteria as discussed in Section 2.5 *Thresholds of Significance*, there are no study area intersections that are anticipated to be significantly impacted by the Project for Opening Year Cumulative (2020) traffic conditions. As such, no improvements have been recommended.

EXHIBIT 6-1: OPENING YEAR CUMULATIVE (2020) WITHOUT PROJECT TRAFFIC VOLUMES (IN PCE)

1 Golden Av./ San Francisco Av. & Pacific Coast Hwy. (CA-1)	2 San Francisco Av. & Driveway	3 San Francisco Av. & 16th St.	4 San Francisco Av. & Dwy. 1
73(55) 2(0) 27(16) 19(28) 1744(1089) 10(3)	7(15) 57(28)	2(0) 32(14) 15(14) 7(43) 7(0) 4(3)	Future Intersection
12(56) 1190(1867) 64(39) 32(103) 1(1) 14(26)	4(4) 9(10) 7(40) 49(142)	0(0) 4(0) 0(0) 1(0) 24(42) 0(2)	

LEGEND:

10(10) = AM(PM) PEAK HOUR INTERSECTION VOLUMES

10.0 = VEHICLES PER DAY (1000'S)

N

EXHIBIT 6-2: OPENING YEAR CUMULATIVE (2020) WITH PROJECT TRAFFIC VOLUMES (IN PCE)

1 Golden Av./ San Francisco Av. & Pacific Coast Hwy. (CA-1)	2 San Francisco Av. & Driveway	3 San Francisco Av. & 16th St.	4 San Francisco Av. & Dwy. 1
73(55) 2(0) 27(16) 19(28) 1744(1089) 29(6)	7(15) 120(36)	95(22) 15(14) 7(43) 18(5)	77(10) 37(18)
12(56) 1190(1867) 107(45) 38(142) 1(1) 17(43)	4(4) 9(10) 7(40) 57(198)	32(98) 2(15)	10(69) 0(0) 0(0) 25(44)

LEGEND:

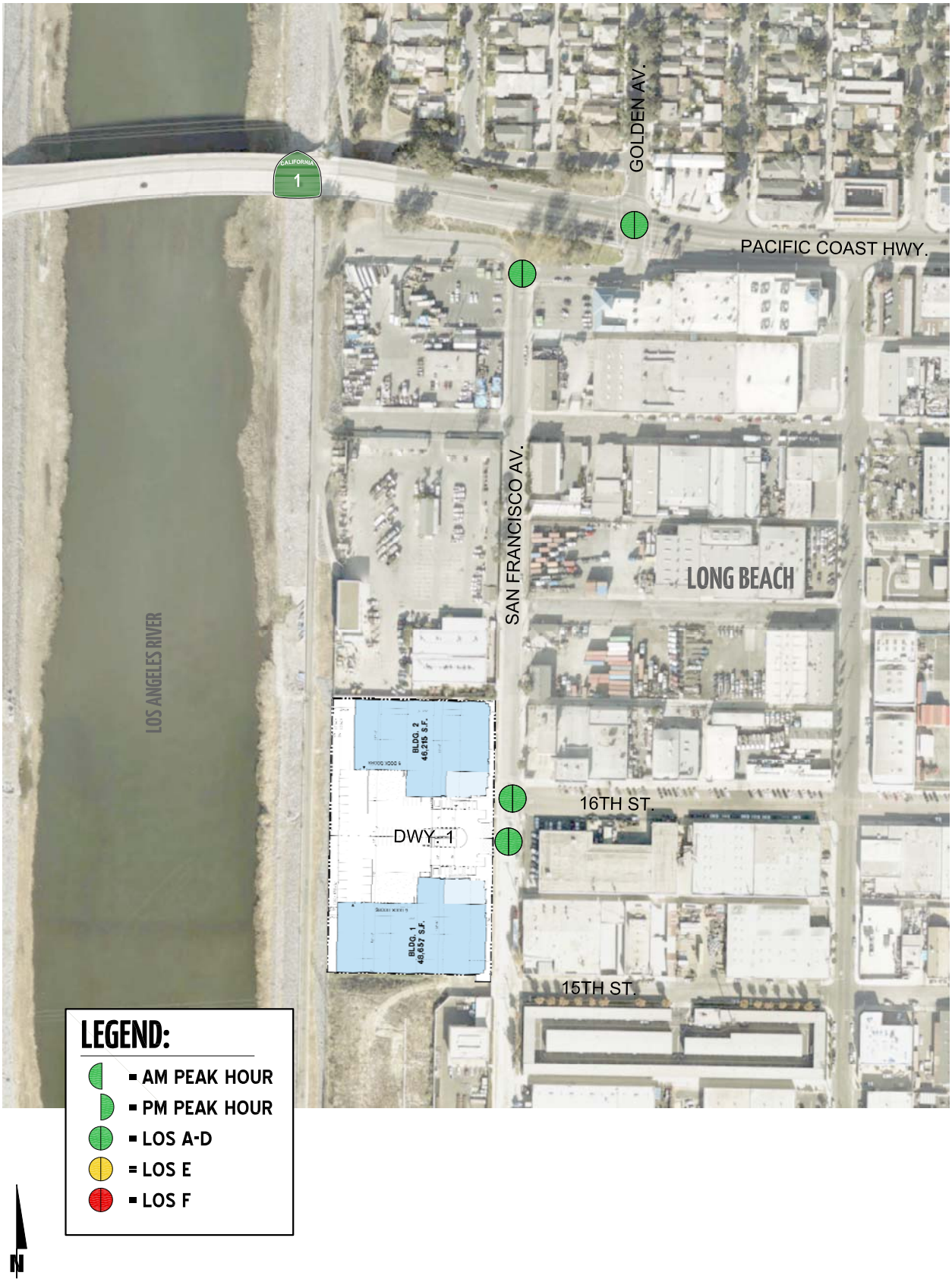
10(10) = AM(PM) PEAK HOUR INTERSECTION VOLUMES

10.0 = VEHICLES PER DAY (1000'S)

N

EXHIBIT 6-3: OPENING YEAR CUMULATIVE (2020) WITHOUT PROJECT SUMMARY OF LOS

EXHIBIT 6-4: OPENING YEAR CUMULATIVE (2020) WITH PROJECT SUMMARY OF LOS



11853 - los.dwg

Table 6-1

Intersection Analysis for Opening Year Cumulative (2020) Conditions

#	Intersection	Traffic Control[2]	2020 Without Project ICU/Delay[1] (secs.) AM	2020 Without Project ICU/Delay[1] (secs.) PM	2020 Without Project Level of Service AM	2020 Without Project Level of Service PM	2020 With Project ICU/Delay[1] (secs.) AM	2020 With Project ICU/Delay[1] (secs.) PM	2020 With Project Level of Service AM	2020 With Project Level of Service PM
1	Golden Av./San Francisco Av. & PCH (CA-1)	TS	0.546	0.595	A	A	0.550	0.623	A	B
2	San Francisco Av. & Driveway	AWS	7.3	8.0	A	A	7.8	8.6	A	A
3	San Francisco Av. & 16th Street	CSS	9.8	8.9	A	A	9.7	9.5	A	A
4	San Francisco Av. & Driveway 1	**CSS**	Intersection Does Not Exist				9.1	9.2	A	A

[1] Intersection capacity utilization (ICU) methodology results are presented as a volume-to-capacity ratio.
Per the Highway Capacity Manual (6th Edition), overall average intersection delay and level of service are shown for intersections with a traffic signal or all way stop control. For intersections with cross street stop control, the delay and level of service for the worst individual movement (or movements sharing a single lane) are shown.

[2] CSS = Cross-street Stop; AWS = All Way Stop; TS = Traffic Signal; **CSS** = Improvement

7 REFERENCES

[1] County of Los Angeles Department of Public Works, "Traffic Impact Analysis Report Guidelines," County of Los Angeles, January 1, 1997.

[2] Institute of Transportation Engineers, Trip Generation Manual, 10th Edition ed., 2017.

[3] Los Angeles County Metropolitan Transportation Authority, Congestion Management Program, 2010.

[4] City of Irwindale, "Policy Guidelines for Traffic Impact Reports," City of Irwindale, August 20, 2004.

[5] D. a. A. J. Husch, Intersection Capacity Utilization: Evaluation Procedures for Intersections and Interchanges, Albany, California: Trafficware, 2003 Edition.

[6] Transportation Research Board, Highway Capacity Manual (HCM), 6th Edition ed., Washington, D.C.: National Academy of Sciences, 2016.

[7] California Department of Transportation, "California Manual on Uniform Traffic Control Devices (CAMUTCD)," in *California Manual on Uniform Traffic Control Devices (CAMUTCD)*, 2014, Updated March 9, 2018.

[8] City of Long Beach, "City of Long Beach General Plan: Mobility Element," Long Beach, October 2013.

This Page Intentionally Left Blank

APPENDIX 1.1:

APPROVED SCOPING AGREEMENT

This Page Intentionally Left Blank

Charlene Hwang So

From: Cuentin Jackson <Cuentin.Jackson@longbeach.gov>
Sent: Thursday, September 06, 2018 10:16 AM
To: Charlene Hwang So
Subject: RE: 11853 San Francisco Warehouse Traffic Study Scoping Agreement

Good Morning Charlene, please see below for the City traffic engineer's response. As for a list of cumulative projects, is there a size or square footage threshold that you targeting?

Thu 8/23/2018 2:56 PM

Craig Cruz

FW: 11853 San Francisco Warehouse Traffic Study Scoping Agreement

To Craig Chalfant

11853-02 TIA Scope R...
3 MB

Hi Craig,

The attached scoping letter is acceptable. Traffic counts should be taken when school is in session on a Tuesday, We

Thanks,

Craig Cruz
Senior Traffic Engineer, Public Works
P: (562) 570-6676
www.longbeach.gov/pw/

From: Charlene Hwang So [mailto:cso@urbanxroads.com]
Sent: Thursday, September 06, 2018 9:50 AM
To: Cuentin Jackson <Cuentin.Jackson@longbeach.gov>
Cc: CMS Administrator <cmsadmin@urbanxroads.com>
Subject: JN:11853 San Francisco Warehouse Traffic Study Scoping Agreement

Hi Cuentin,

I'm following up to see if there are any additional comments on the traffic scope. We'd like to schedule our traffic counts for next week and get the analysis started. Also, I will need a list and map of other cumulative projects within the City that should be included in our traffic study as background traffic. I will need land use and intensity for each project in order to estimate traffic. Thanks!

Regards,

CHARLENE SO, P.E.
Senior Associate

260 E. Baker Street, Suite 200
Costa Mesa, CA 92626
(949) 336-5982 Direct
(949) 861-0177 Cell
(949) 660-1994 Main
urbanxroads.com

From: Cuentin Jackson <Cuentin.Jackson@longbeach.gov>
Sent: Tuesday, August 28, 2018 9:36 AM
To: Charlene Hwang So <cso@urbanxroads.com>
Subject: RE: 11853 San Francisco Warehouse Traffic Study Scoping Agreement

Good Morning Charlene. I've forwarded the revised scoping agreement to the necessary personnel and await their review. I will keep you posted on whether or not any additional comments arise.

Regards,

Planning
Cuentin Jackson
Planner

Long Beach Development Services | Planning Bureau
T 562.570.6345 **F** 562.570.6068
333 West Ocean Blvd., 5th Fl | Long Beach, CA 90802
email address **|** lbds.longbeach.gov

From: Charlene Hwang So [mailto:cso@urbanxroads.com]
Sent: Monday, August 27, 2018 10:56 AM
To: Cuentin Jackson <Cuentin.Jackson@longbeach.gov>
Cc: CMS Administrator <cmsadmin@urbanxroads.com>; Clark Neuhoff <cneuhoff@alerellc.com>
Subject: JN:11853 San Francisco Warehouse Traffic Study Scoping Agreement

Hi Cuentin,

I am following up on the status of the City's review of the current scoping agreement. I wanted to make sure the City concurred with the study area before ordering the traffic counts. The schools are back in session this week. Thank you!

Regards,

CHARLENE SO, P.E.
Senior Associate

260 E. Baker Street, Suite 200
Costa Mesa, CA 92626
(949) 336-5982 Direct

(949) 861-0177 Cell
(949) 660-1994 Main
urbanxroads.com

From: Charlene Hwang So
Sent: Thursday, August 23, 2018 5:51 PM
To: Cuentin.Jackson@longbeach.gov
Cc: CMS Administrator <cmsadmin@urbanxroads.com>
Subject: JN:11853 San Francisco Warehouse Traffic Study Scoping Agreement
Importance: High

Hi Cuentin,

Below is the e-mail chain and attached is the last revised scoping agreement that was submitted to the City (to Mark). Can you please let me know if the attached scope is acceptable with the changes made? If so, we can get the traffic counts scheduled when schools are back in session (which I believe is next week). Thanks!

Regards,

CHARLENE SO, P.E.
Senior Associate

260 E. Baker Street, Suite 200
Costa Mesa, CA 92626
(949) 336-5982 Direct
(949) 861-0177 Cell
(949) 660-1994 Main
urbanxroads.com

From: Charlene Hwang So
Sent: Monday, July 16, 2018 5:13 PM
To: Mark Hungerford <Mark.Hungerford@longbeach.gov>
Cc: CMS Administrator <cmsadmin@urbanxroads.com>
Subject: JN:11853 San Francisco Warehouse Traffic Study Scoping Agreement

Hi Mark,

Attached is the revised scoping agreement. I've reached out to the Project Applicant who indicates it would not be possible for them to realign their proposed driveway to the north with 16th Street. However, all other comments have been addressed in the attached document. Looks like local schools are back in session August 29th. Please confirm whether the City would like us to wait to take traffic counts until local schools are back in session.

Please let me know if you have any questions or comments. Thank you!

Regards,

CHARLENE SO, P.E.
Senior Associate

260 E. Baker Street, Suite 200
Costa Mesa, CA 92626
(949) 336-5982 Direct
(949) 861-0177 Cell
(949) 660-1994 Main
urbanxroads.com

From: Mark Hungerford <Mark.Hungerford@longbeach.gov>
Sent: Monday, July 16, 2018 9:06 AM
To: Charlene Hwang So <cso@urbanxroads.com>
Cc: CMS Administrator <cmsadmin@urbanxroads.com>
Subject: RE: 11853 San Francisco Warehouse Traffic Study Scoping Agreement

Hi Charlene,

The PW Traffic Engineer submits the attached comments on your proposal. Please send any follow-up questions to me for routing. Thanks!

Regards,
Mark Hungerford, AICP
Planner

Long Beach Development Services | Planning Bureau
T 562.570.6439 **F** 562.570.6068
333 West Ocean Blvd., 5th Fl | Long Beach, CA 90802
mark.hungerford@longbeach.gov | lbds.longbeach.gov

From: Charlene Hwang So [mailto:cso@urbanxroads.com]
Sent: Monday, July 09, 2018 11:14 AM
To: Mark Hungerford <Mark.Hungerford@longbeach.gov>
Cc: CMS Administrator <cmsadmin@urbanxroads.com>
Subject: JN:11853 San Francisco Warehouse Traffic Study Scoping Agreement

Hi Mark,

I am following up on the status of the City's review of the scoping agreement that we sent over. Please let me know if you have any questions. Thank you!

Regards,

CHARLENE SO, P.E.
Senior Associate

URBAN CROSSROADS

260 E. Baker Street, Suite 200
Costa Mesa, CA 92626
(949) 336-5982 Direct
(949) 861-0177 Cell
(949) 660-1994 Main
urbanxroads.com

From: Mark Hungerford <Mark.Hungerford@longbeach.gov>
Sent: Thursday, June 28, 2018 2:44 PM

To: Charlene Hwang So <cso@urbanxroads.com>
Cc: CMS Administrator <cmsadmin@urbanxroads.com>
Subject: RE: JN:11853 San Francisco Warehouse Traffic Study Scoping Agreement

Thanks, Charlene. I will send a copy to the traffic engineers in Public Works for review and delivery their feedback to you as soon as it becomes available.

Regards,
Mark Hungerford, AICP
Planner

Long Beach Development Services | Planning Bureau
T 562.570.6439 **F** 562.570.6068
333 West Ocean Blvd., 5th Fl | Long Beach, CA 90802
mark.hungerford@longbeach.gov | lbds.longbeach.gov

From: Charlene Hwang So [mailto:cso@urbanxroads.com]
Sent: Thursday, June 28, 2018 1:32 PM
To: Mark Hungerford <Mark.Hungerford@longbeach.gov>
Cc: CMS Administrator <cmsadmin@urbanxroads.com>
Subject: JN:11853 San Francisco Warehouse Traffic Study Scoping Agreement
Importance: High

Hi Mark,

Attached for your review is the focused traffic study scoping agreement for the San Francisco Warehouse project in the City of Long Beach. Please let me know if you have any questions or comments. Thank you!

Regards,

CHARLENE SO, P.E.
Senior Associate

260 E. Baker Street, Suite 200
Costa Mesa, CA 92626
(949) 336-5982 Direct
(949) 861-0177 Cell
(949) 660-1994 Main
urbanxroads.com

URBAN CROSSROADS

260 E. Baker St. | Suite 200 | Costa Mesa, CA 92626 | (949) 660-1994
urbanxroads.com

July 16, 2018

Mr. Mark Hungerford
City of Long Beach
333 West Ocean Boulevard, 5th Floor
Long Beach, CA 90802

SUBJECT: SAN FRANCISCO AVENUE WAREHOUSE SCOPING AGREEMENT

Dear Mr. Mark Hungerford:

Urban Crossroads, Inc. is pleased to submit this scoping agreement to the City of Long Beach for the proposed San Francisco Avenue Warehouse development ("Project"), which is located at San Francisco Avenue and W. 16th Street in the City of Long Beach. It is our understanding that the Project is to consist of 2 general light industrial buildings totaling approximately 95,373 square feet. The Project is anticipated to be constructed in one phase by the year 2020. The proposed Project land use and zoning are consistent with the City of Long Beach's General Plan, as such, long-range analysis is not proposed. A preliminary site plan, of which the traffic study will be based on, is shown on Exhibit 1. As identified in Exhibit 1, Driveway 1 on San Francisco Avenue is proposed to allow for full access movements serving both passenger cars and trucks.

The purpose of this agreement is to obtain comments from City of Long Beach on the proposed traffic study scope of work. The remainder of this agreement describes the proposed analysis methodology, trip generation, trip distribution, and traffic assignment/project trips on the surrounding roadway network, which have been used to establish the proposed project study area and analysis locations.

STUDY AREA

Consistent with County of Los Angeles traffic study guidelines the study area limits have been set based upon a threshold of 50 peak hour project trips. In other words, the study area includes any intersection of Collector roadway or higher classification street with another Collector roadway or higher classification street, at which the proposed Project will add 50 or more peak hour trips. This methodology is also utilized in other near-by agencies. The proposed intersection analysis locations have been identified on Exhibit 2. No freeway ramps are identified as study area intersections as the Project is anticipated to contribute less than 50 peak hour trips to these locations.

ANALYSIS SCENARIOS

The following analysis scenarios will be analyzed for this traffic study:

- Existing (2018)
- Existing Plus Project (E+P)

- Opening Year Cumulative (2020) Without Project
- Opening Year Cumulative (2020) With Project

METHODOLOGY

The intersection operations analysis will be reported using the Intersection Capacity Utilization (ICU) methodology for signalized intersections and using the Highway Capacity Manual (HCM 6th Edition) methodology for unsignalized intersections. ICU is reported as a volume-to-capacity (v/c) ratio and HCM is reported in delay (seconds). The analysis will be conducted in conformance with the LA County CMP traffic study guidelines, including, but not limited to 1600 and 2880 passenger cars per hour per lane (pcphpl) capacity and 0.10 clearance adjustment.

LEVEL OF SERVICE (LOS) CRITERIA

The City considers LOS D as the upper limit of satisfactory operations for total intersection operation. Mitigation is required for any signalized intersection where project traffic causes the intersection to deteriorate from LOS D to LOS E or LOS F, or if the project traffic causes an increase in v/c ratio of 0.02 or greater when the intersection is operating at LOS E or LOS F in the pre-project condition. Mitigation is required for any unsignalized intersection where the project traffic increases delay by 2% or greater when the entire intersection is operating at LOS E or LOS F in the pre-project condition.

PROJECT TRIP GENERATION

Trip generation represents the amount of traffic that is attracted and produced by a development, and is based upon the specific land uses planned for a given project. Trip generation rates for the Project are shown in Table 1 illustrating daily and peak hour trip generation estimates based on the Institute of Transportation Engineers (ITE) Trip Generation Manual, 10th Edition, 2017, for General Light Industrial (ITE Land Use Code 110).

Per the ITE Trip Generation Handbook (3rd Edition, 2017), a 20% truck mix has been assumed for the proposed land use. However, the ITE Trip Generation Handbook does not provide guidance on the split between 2-axle, 3-axle, and 4+-axle trucks. As such, the truck mix from the City of Fontana's Truck Trip Generation Study (August 2003) has been utilized.

As noted on Table 1, refinements to the raw trip generation estimates have been made to provide a more detailed breakdown of trips between passenger cars and trucks. Trip generation for heavy trucks was further broken down by truck type (or axle type). The total truck percentage is comprised of 3 different truck types: 2-axle, 3-axle, and 4+-axle trucks. Passenger car equivalent (PCE) factors were applied to the trip generation rates for heavy trucks (large 2-axles, 3-axles, 4+-axles). PCEs allow the typical "real-world" mix of vehicle types to be represented as a single, standardized unit, such as the

passenger car, to be used for the purposes of capacity and level of service analyses. The PCE factors utilized are 1.5 for 2-axle trucks, 2.0 for 3-alxe trucks, and 3.0 for 4+-axle trucks.

The proposed Project is anticipated to generate a net total of approximately 473 PCE trip-ends per day with 65 PCE AM peak hour trips and 60 PCE PM peak hour trips, as shown on Table 1. The proposed Project's trip generation, based on actual vehicles, has also been included on Table 1 for informational purposes only.

PROJECT TRIP DISTRIBUTIONS

The project trip distribution patterns for both passenger cars and trucks have been developed based on recent experience on other studies for similar land uses in the vicinity. Passenger car distribution patterns will be based on existing and planned land uses and roadway infrastructure in the area. Truck distribution patterns will be based on City truck routes, proximity to the freeway system and the applicant's input on percentage of traffic oriented to the Port of Long Beach or other destination. The passenger car and truck trip distributions are illustrated on Exhibits 3 and 4, respectively.

AMBIENT GROWTH RATE

Consistent with other City of Long Beach traffic studies, an ambient growth rate of 1.5 percent per year (compounded annually) will be used for this analysis per the LA County CMP growth rate.

SPECIAL ISSUES

The following special issues will be addressed as part of the TIA:

- A truck turning template will be overlaid on the site plan for the project driveway anticipated to have heavy trucks in order to determine appropriate curb radii and to verify that trucks will have sufficient space to execute turn maneuvers.
- Traffic signal warrant analyses will be conducted for all unsignalized study area intersections for all applicable analysis scenarios.

CUMULATIVE DEVELOPMENT PROJECTS

It is requested that the City provide a list of cumulative development projects that are either currently being processed or have been approved for inclusion in our traffic study.

If you have any questions, please contact me directly at (949) 336-5982.

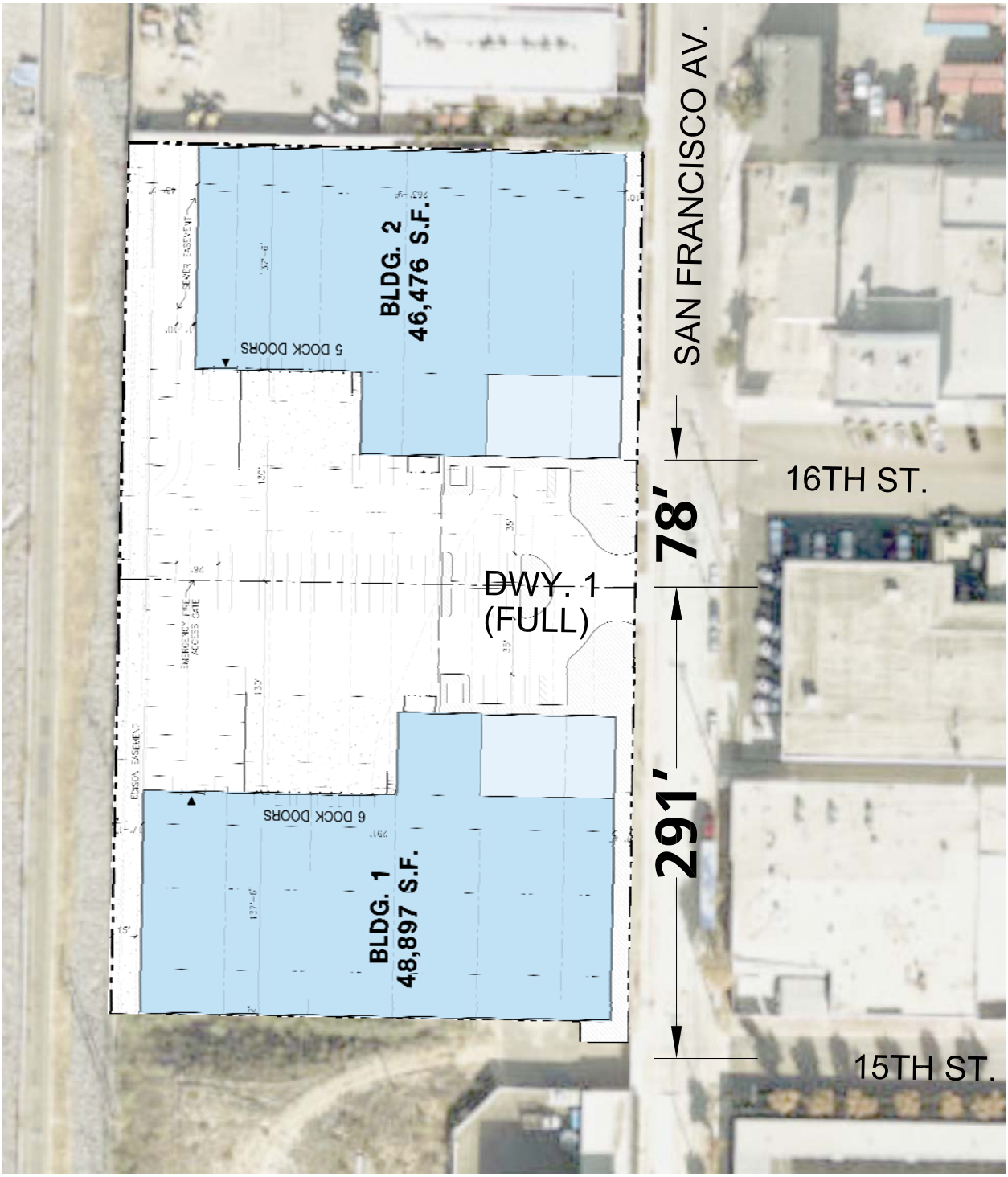
Respectfully submitted,

URBAN CROSSROADS, INC.

Charlene So

Charlene So, PE
Senior Associate

EXHIBIT 1: PRELIMINARY SITE PLAN



11853 - siteplan.dwg

URBAN CROSSROADS

EXHIBIT 2: LOCATION MAP

LEGEND:

- = EXISTING INTERSECTION ANALYSIS LOCATION
- = FUTURE INTERSECTION ANALYSIS LOCATION

N

11853 - locmap.dwg

URBAN CROSSROADS

EXHIBIT 3: PROJECT (PASSENGER CAR) TRIP DISTRIBUTION

LEGEND:

10 = PERCENT TO/FROM PROJECT

N

EXHIBIT 4: PROJECT (TRUCK) TRIP DISTRIBUTION

LEGEND:

10 = PERCENT TO/FROM PROJECT

N

Table 1

Project Trip Generation Summary

Land Use	ITE Land Use Code	Units[2]	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total	Daily
Project Trip Generation Rates (Actual Vehicles)[1]									
General Light Industrial[3]	110	TSF	0.616	0.084	0.700	0.082	0.548	0.630	4.960
Passenger Cars (80.0%)			0.493	0.067	0.560	0.066	0.438	0.504	3.968
2-Axle Trucks (3.34%)			0.021	0.003	0.023	0.003	0.018	0.021	0.166
3-Axle Trucks (4.14%)			0.026	0.003	0.029	0.003	0.023	0.026	0.205
4-Axle+ Trucks (12.52%)			0.077	0.011	0.088	0.010	0.069	0.079	0.621
Project Trip Generation Rates (PCE)[1]									
General Light Industrial[3]	110	TSF	0.616	0.084	0.700	0.082	0.548	0.630	4.960
Passenger Cars (80.0%)			0.493	0.067	0.560	0.066	0.438	0.504	3.968
2-Axle Trucks (3.34%) (PCE = 1.5)[4]			0.031	0.004	0.035	0.004	0.027	0.032	0.248
3-Axle Trucks (4.14%) (PCE = 2.0)[4]			0.051	0.007	0.058	0.007	0.045	0.052	0.411
4-Axle+ Trucks (12.52%) (PCE = 3.0)[4]			0.231	0.032	0.263	0.031	0.206	0.237	1.863

Project	Quantity	Units[2]	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total	Daily
Project Trip Generation Summary (Actual Vehicles)									
San Francisco Avenue Warehouse	95.373	TSF							
Passenger Cars:			47	6	53	6	42	48	378
Truck Trips:									
2-axle:			*2*	*0*	*2*	*0*	*2*	*2*	*16*
3-axle:			*2*	*0*	*2*	*0*	*2*	*2*	*20*
4+-axle:			*7*	*1*	*8*	*1*	*7*	*8*	*59*
- Net Truck Trips			*11*	*1*	*12*	*1*	*11*	*12*	*95*
Proposed Project Total (Actual Vehicles)			***58***	***7***	***65***	***7***	***53***	***60***	***473***
Project Trip Generation Summary (PCE)									
San Francisco Avenue Warehouse	95.373	TSF							
Passenger Cars:			47	6	53	6	42	48	378
Truck Trips:									
2-axle:			*3*	*0*	3	*0*	*3*	3	*24*
3-axle:			*5*	*1*	6	*1*	*4*	5	*39*
4+-axle:			*22*	*3*	25	*3*	*20*	23	*178*
- Net Truck Trips			*30*	*4*	*34*	*4*	*27*	*31*	*241*
Proposed Project Total (PCE)			***77***	***10***	***87***	***10***	***69***	***79***	***619***

[1] Trip Generation Source: Institute of Transportation Engineers (ITE), Trip Generation Manual, Tenth Edition (2017).

[2] TSF = thousand square feet

[3] Vehicle mix source: ITE Trip Generation Handbook, 2017. Truck Mix Source: City of Fontana Truck Trip Generation Study (Land Use 150), August 2003.

[4] PCE factors: 1.5 for 2-axle, 2.0 for 3-axle, and 3.0 for 4+-axle

APPENDIX 1.2:

SITE ADJACENT QUEUES

This Page Intentionally Left Blank

Intersection: 3: San Francisco Av. & Driveway/16th St.

Movement	EB	WB	SB
Directions Served	LTR	LTR	LTR
Maximum Queue (ft)	30	46	6
Average Queue (ft)	4	20	0
95th Queue (ft)	21	45	4
Link Distance (ft)	69	637	961
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 4: San Francisco Av. & Driveway 1

Movement	EB
Directions Served	LR
Maximum Queue (ft)	30
Average Queue (ft)	9
95th Queue (ft)	31
Link Distance (ft)	116
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Zone Summary

Zone wide Queuing Penalty: 0

Intersection: 3: San Francisco Av. & Driveway/16th St.

Movement	WB	NB	SB
Directions Served	LTR	LTR	LTR
Maximum Queue (ft)	44	6	18
Average Queue (ft)	24	0	1
95th Queue (ft)	46	4	10
Link Distance (ft)	637	13	961
Upstream Blk Time (%)		0	
Queuing Penalty (veh)		0	
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 4: San Francisco Av. & Driveway 1

Movement	EB
Directions Served	LR
Maximum Queue (ft)	56
Average Queue (ft)	31
95th Queue (ft)	52
Link Distance (ft)	116
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Zone Summary

Zone wide Queuing Penalty: 0

APPENDIX 3.1:

EXISTING TRAFFIC COUNTS – SEPTEMBER 2018

This Page Intentionally Left Blank

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

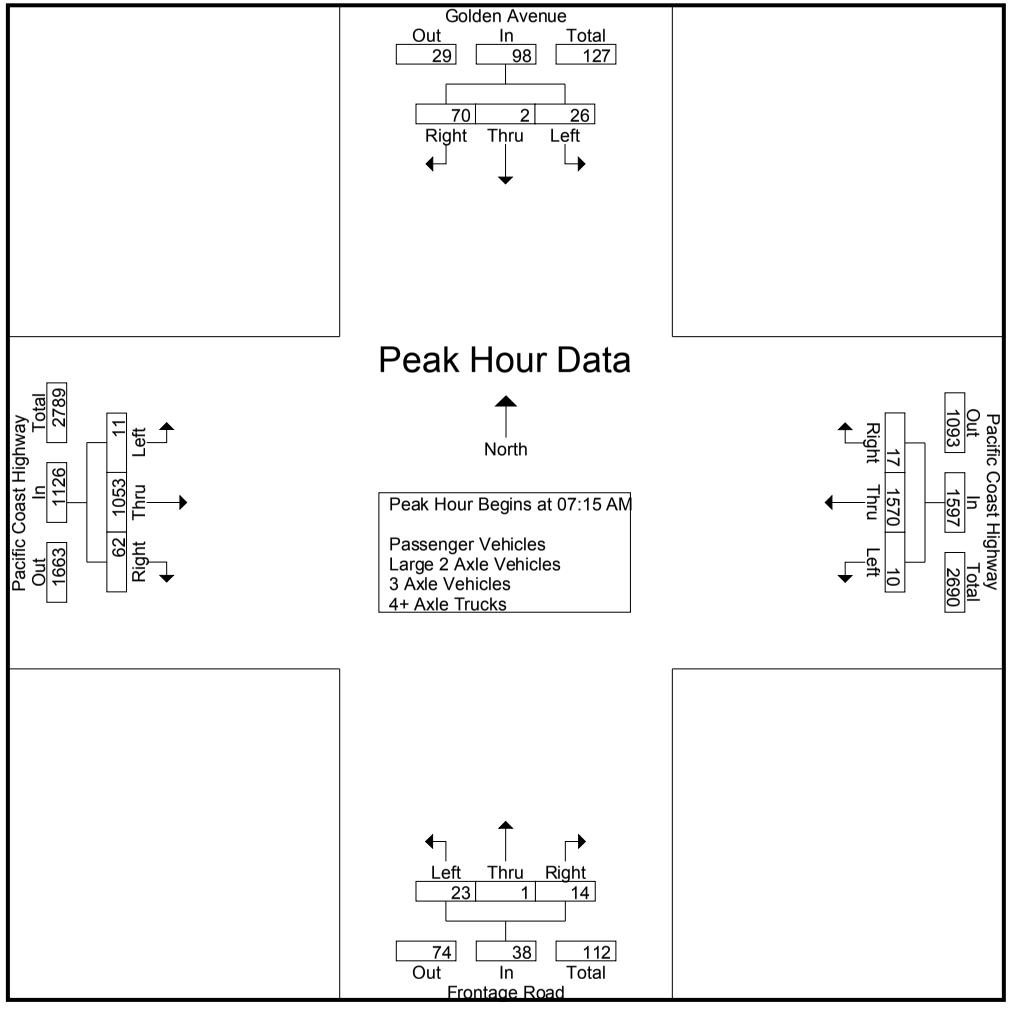
	Golden Avenue Southbound					Pacific Coast Highway Westbound					Frontage Road Northbound					Pacific Coast Highway Eastbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	3	1	17	13	21	1	376	2	0	379	7	0	0	0	7	1	191	5	0	197	13	604	617
07:15 AM	6	0	21	16	27	1	389	5	0	395	5	0	3	3	8	3	235	15	0	253	19	683	702
07:30 AM	7	0	18	12	25	5	460	2	0	467	4	0	4	4	8	2	276	14	1	292	17	792	809
07:45 AM	9	0	16	14	25	0	378	5	0	383	7	0	4	3	11	3	313	26	2	342	19	761	780
Total	25	1	72	55	98	7	1603	14	0	1624	23	0	11	10	34	9	1015	60	3	1084	68	2840	2908
08:00 AM	4	2	15	11	21	4	343	5	0	352	7	1	3	2	11	3	229	7	0	239	13	623	636
08:15 AM	2	1	14	11	17	1	296	1	0	298	11	0	6	4	17	2	262	5	0	269	15	601	616
08:30 AM	3	0	13	12	16	2	351	3	0	356	3	1	4	4	8	2	220	12	0	234	16	614	630
08:45 AM	2	1	9	6	12	2	257	2	0	261	2	0	1	1	3	3	213	3	0	219	7	495	502
Total	11	4	51	40	66	9	1247	11	0	1267	23	2	14	11	39	10	924	27	0	961	51	2333	2384
Grand Total	36	5	123	95	164	16	2850	25	0	2891	46	2	25	21	73	19	1939	87	3	2045	119	5173	5292
Apprch %	22	3	75			0.6	98.6	0.9			63	2.7	34.2			0.9	94.8	4.3					
Total %	0.7	0.1	2.4		3.2	0.3	55.1	0.5		55.9	0.9	0	0.5		1.4	0.4	37.5	1.7		39.5	2.2	97.8	
Passenger Vehicles	35	5	122		257	16	2729	24		2769	36	2	24		82	18	1847	85		1953	0	0	5061
% Passenger Vehicles	97.2	100	99.2	100	99.2	100	95.8	96	0	95.8	78.3	100	96	95.2	87.2	94.7	95.3	97.7	100	95.4	0	0	95.6
Large 2 Axle Vehicles	1	0	1		2	0	74	0		74	4	0	1		6	1	62	2		65	0	0	147
% Large 2 Axle Vehicles	2.8	0	0.8	0	0.8	0	2.6	0	0	2.6	8.7	0	4	4.8	6.4	5.3	3.2	2.3	0	3.2	0	0	2.8
3 Axle Vehicles	0	0	0		0	0	19	1		20	3	0	0		3	0	11	0		11	0	0	34
% 3 Axle Vehicles	0	0	0	0	0	0	0.7	4	0	0.7	6.5	0	0	0	3.2	0	0.6	0	0	0.5	0	0	0.6
4+ Axle Trucks	0	0	0		0	0	28	0		28	3	0	0		3	0	19	0		19	0	0	50
% 4+ Axle Trucks	0	0	0	0	0	0	1	0	0	1	6.5	0	0	0	3.2	0	1	0	0	0.9	0	0	0.9

	Golden Avenue Southbound				Pacific Coast Highway Westbound				Frontage Road Northbound				Pacific Coast Highway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	6	0	**21**	**27**	1	389	**5**	395	5	0	3	8	**3**	235	15	253	683
07:30 AM	7	0	18	25	**5**	**460**	2	**467**	4	0	**4**	8	2	276	14	292	**792**
07:45 AM	**9**	0	16	25	0	378	5	383	**7**	0	4	**11**	3	**313**	**26**	**342**	761
08:00 AM	4	**2**	15	21	4	343	5	352	7	**1**	3	11	3	229	7	239	623
Total Volume	26	2	70	98	10	1570	17	1597	23	1	14	38	11	1053	62	1126	2859
% App. Total	26.5	2	71.4		0.6	98.3	1.1		60.5	2.6	36.8		1	93.5	5.5		
PHF	.722	.250	.833	.907	.500	.853	.850	.855	.821	.250	.875	.864	.917	.841	.596	.823	.902

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Large 2 Axle Vehicles

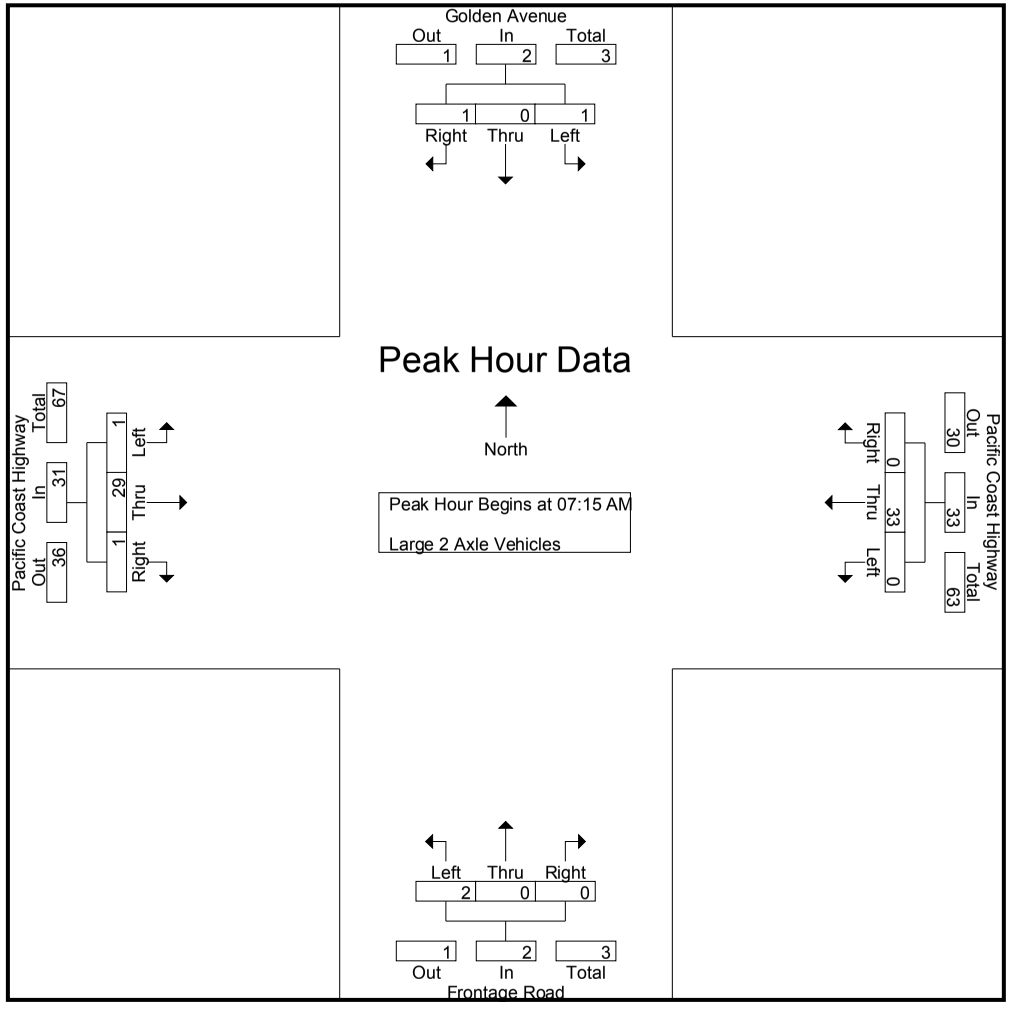
	Golden Avenue Southbound					Pacific Coast Highway Westbound					Frontage Road Northbound					Pacific Coast Highway Eastbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	9	0	0	9	0	16	16
07:15 AM	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	6	0	0	6	0	16	16
07:30 AM	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	6	1	0	7	0	14	14
07:45 AM	1	0	0	0	1	0	10	0	0	10	0	0	0	0	0	0	12	0	0	12	0	23	23
Total	1	0	0	0	1	0	34	0	0	34	0	0	0	0	0	0	33	1	0	34	0	69	69
08:00 AM	0	0	1	0	1	0	6	0	0	6	2	0	0	0	2	1	5	0	0	6	0	15	15
08:15 AM	0	0	0	0	0	0	10	0	0	10	2	0	0	0	2	0	10	0	0	10	0	22	22
08:30 AM	0	0	0	0	0	0	14	0	0	14	0	0	1	1	1	0	2	1	0	3	1	18	19
08:45 AM	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	12	0	0	12	0	22	22
Total	0	0	1	0	1	0	40	0	0	40	4	0	1	1	5	1	29	1	0	31	1	77	78
Grand Total	1	0	1	0	2	0	74	0	0	74	4	0	1	1	5	1	62	2	0	65	1	146	147
Apprch %	50	0	50			0	100	0			80	0	20			1.5	95.4	3.1					
Total %	0.7	0	0.7		1.4	0	50.7	0		50.7	2.7	0	0.7		3.4	0.7	42.5	1.4		44.5	0.7	99.3	

	Golden Avenue Southbound				Pacific Coast Highway Westbound				Frontage Road Northbound				Pacific Coast Highway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	**10**	0	**10**	0	0	0	0	0	6	0	6	16
07:30 AM	0	0	0	0	0	7	0	7	0	0	0	0	0	6	**1**	7	14
07:45 AM	**1**	0	0	**1**	0	10	0	10	0	0	0	0	0	**12**	0	**12**	**23**
08:00 AM	0	0	**1**	1	0	6	0	6	**2**	0	0	**2**	**1**	5	0	6	15
Total Volume	1	0	1	2	0	33	0	33	2	0	0	2	1	29	1	31	68
% App. Total	50	0	50		0	100	0		100	0	0		3.2	93.5	3.2		
PHF	.250	.000	.250	.500	.000	.825	.000	.825	.250	.000	.000	.250	.250	.604	.250	.646	.739

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 3 Axle Vehicles

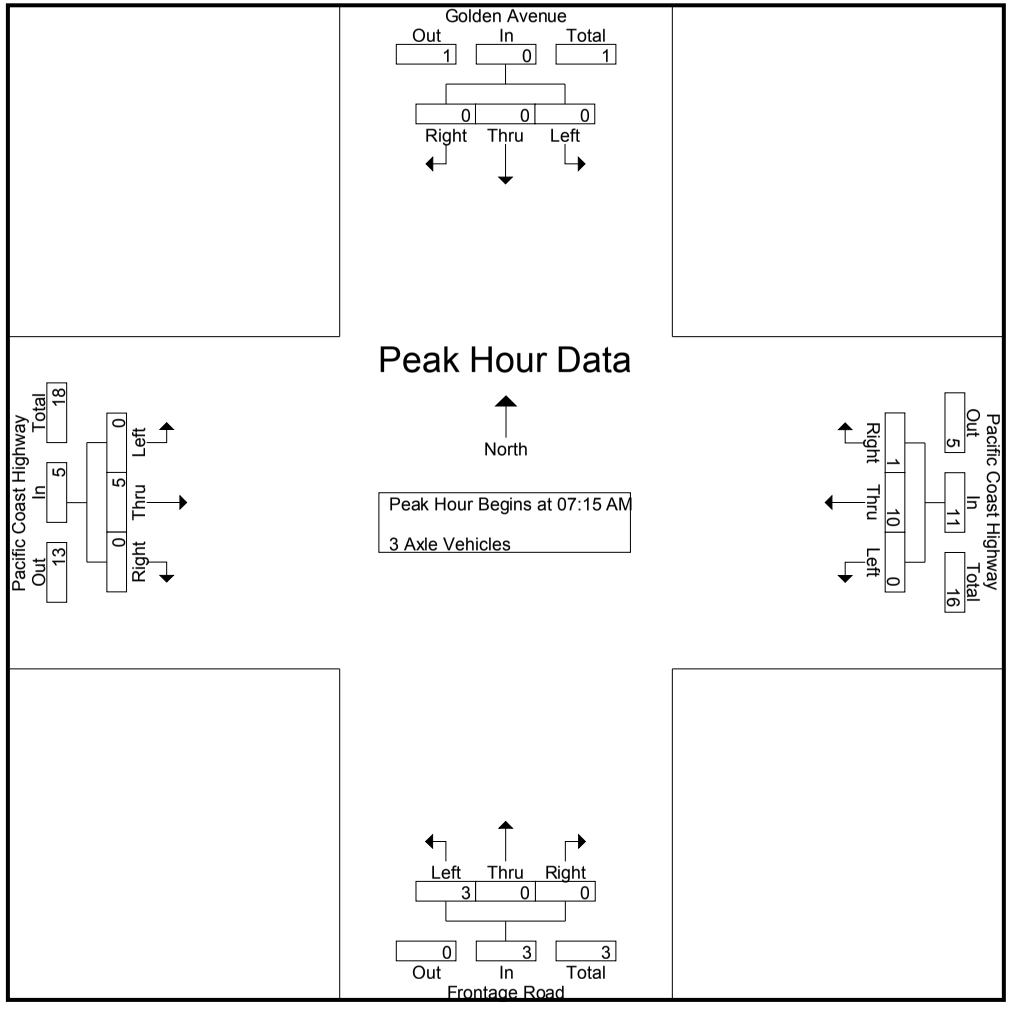
	Golden Avenue Southbound					Pacific Coast Highway Westbound					Frontage Road Northbound					Pacific Coast Highway Eastbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	3	3
07:15 AM	0	0	0	0	0	0	4	0	0	4	2	0	0	0	2	0	1	0	0	1	0	7	7
07:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	2	2
07:45 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	5	5
Total	0	0	0	0	0	0	11	0	0	11	2	0	0	0	2	0	4	0	0	4	0	17	17
08:00 AM	0	0	0	0	0	0	1	1	0	2	1	0	0	0	1	0	2	0	0	2	0	5	5
08:15 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	6	6
08:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	4	4
08:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	2	2
Total	0	0	0	0	0	0	8	1	0	9	1	0	0	0	1	0	7	0	0	7	0	17	17
Grand Total	0	0	0	0	0	0	19	1	0	20	3	0	0	0	3	0	11	0	0	11	0	34	34
Apprch %	0	0	0			0	95	5			100	0	0			0	100	0					
Total %	0	0	0		0	0	55.9	2.9		58.8	8.8	0	0		8.8	0	32.4	0		32.4	0	100	

	Golden Avenue Southbound				Pacific Coast Highway Westbound				Frontage Road Northbound				Pacific Coast Highway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	**4**	0	**4**	**2**	0	0	**2**	0	1	0	1	**7**
07:30 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2
07:45 AM	0	0	0	0	0	4	0	4	0	0	0	0	0	1	0	1	5
08:00 AM	0	0	0	0	0	1	**1**	2	1	0	0	1	0	**2**	0	**2**	5
Total Volume	0	0	0	0	0	10	1	11	3	0	0	3	0	5	0	5	19
% App. Total	0	0	0		0	90.9	9.1		100	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.625	.250	.688	.375	.000	.000	.375	.000	.625	.000	.625	.679

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 4+ Axle Trucks

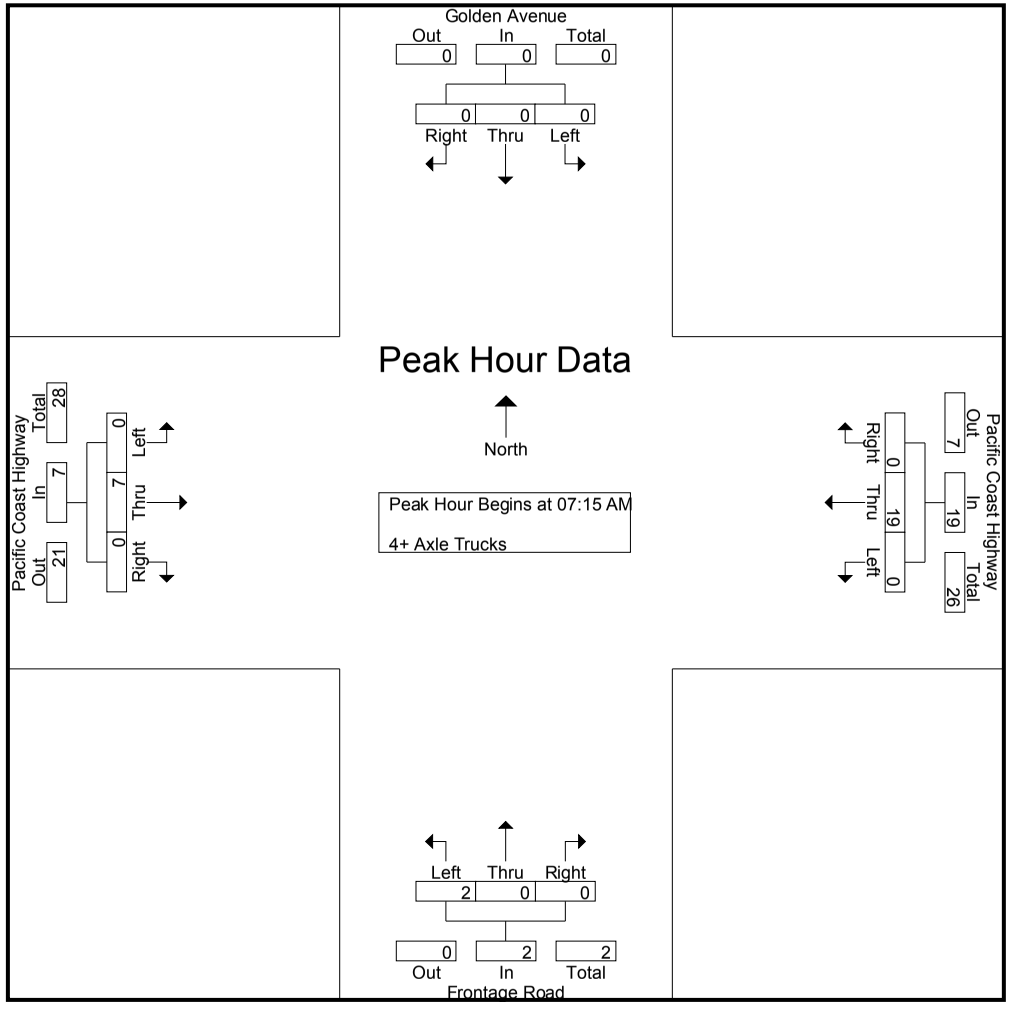
	Golden Avenue Southbound					Pacific Coast Highway Westbound					Frontage Road Northbound					Pacific Coast Highway Eastbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
07:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	3	3
07:15 AM	0	0	0	0	0	0	6	0	0	6	1	0	0	0	1	0	0	0	0	0	0	7	7
07:30 AM	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	2	0	0	2	0	9	9
07:45 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	5	5
Total	0	0	0	0	0	0	17	0	0	17	1	0	0	0	1	0	6	0	0	6	0	24	24
08:00 AM	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	0	3	0	0	3	0	7	7
08:15 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	0	9	9
08:30 AM	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	0	1	0	0	1	0	5	5
08:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	5	5
Total	0	0	0	0	0	0	11	0	0	11	2	0	0	0	2	0	13	0	0	13	0	26	26
Grand Total	0	0	0	0	0	0	28	0	0	28	3	0	0	0	3	0	19	0	0	19	0	50	50
Apprch %	0	0	0			0	100	0			100	0	0			0	100	0					
Total %	0	0	0		0	0	56	0		56	6	0	0		6	0	38	0		38	0	100	

	Golden Avenue Southbound				Pacific Coast Highway Westbound				Frontage Road Northbound				Pacific Coast Highway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:15 AM to 08:00 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	0	0	0	0	0	6	0	6	**1**	0	0	**1**	0	0	0	0	7
07:30 AM	0	0	0	0	0	**7**	0	**7**	0	0	0	0	0	2	0	2	**9**
07:45 AM	0	0	0	0	0	3	0	3	0	0	0	0	0	2	0	2	5
08:00 AM	0	0	0	0	0	3	0	3	1	0	0	1	0	**3**	0	**3**	7
Total Volume	0	0	0	0	0	19	0	19	2	0	0	2	0	7	0	7	28
% App. Total	0	0	0		0	100	0		100	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.679	.000	.679	.500	.000	.000	.500	.000	.583	.000	.583	.778

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

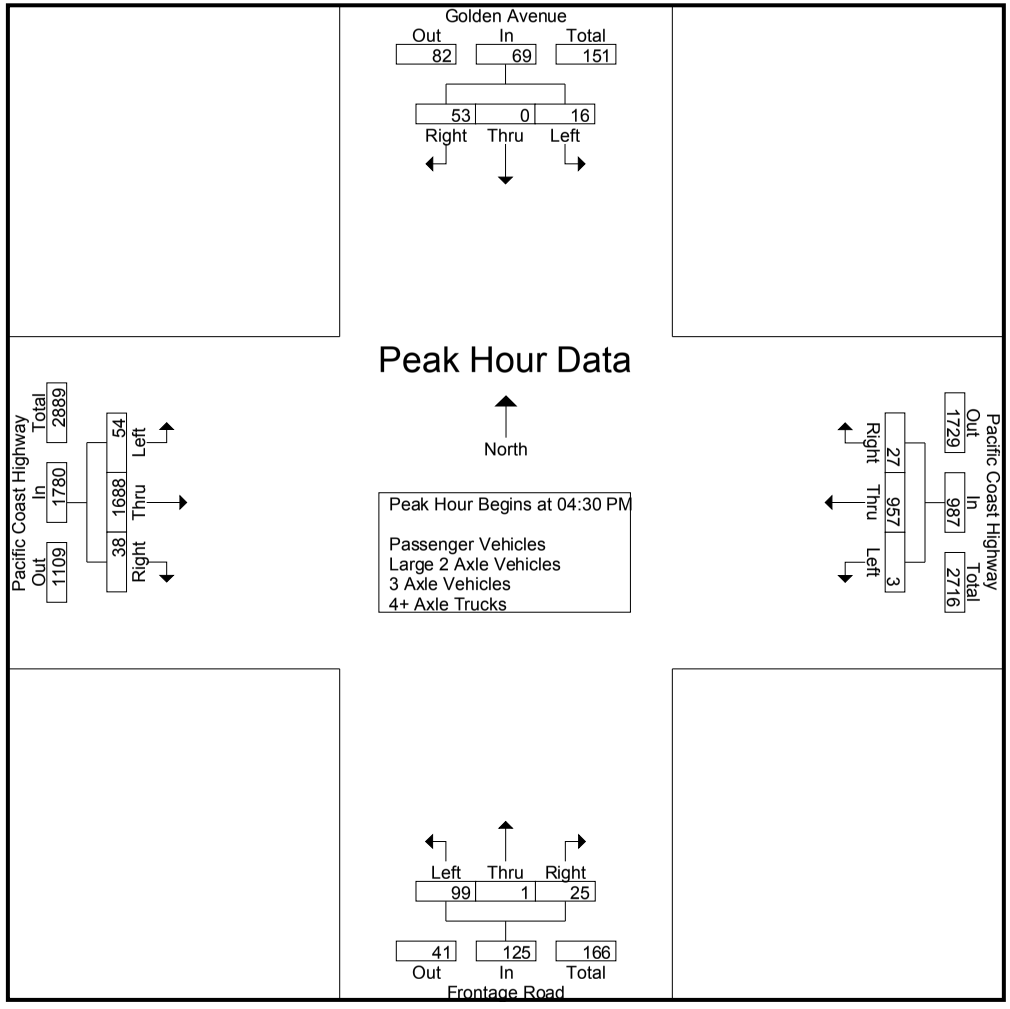
	Golden Avenue Southbound					Pacific Coast Highway Westbound					Frontage Road Northbound					Pacific Coast Highway Eastbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	3	1	6	5	10	1	254	8	0	263	19	2	12	6	33	6	401	5	0	412	11	718	729
04:15 PM	3	0	10	9	13	9	219	14	5	242	16	0	14	10	30	4	387	6	0	397	24	682	706
04:30 PM	2	0	17	11	19	1	280	11	1	292	32	1	17	5	50	8	436	10	0	454	17	815	832
04:45 PM	7	0	13	12	20	2	224	9	2	235	21	0	4	2	25	20	381	7	1	408	17	688	705
Total	15	1	46	37	62	13	977	42	8	1032	88	3	47	23	138	38	1605	28	1	1671	69	2903	2972
05:00 PM	2	0	12	8	14	0	219	3	0	222	26	0	0	0	26	12	447	13	0	472	8	734	742
05:15 PM	5	0	11	8	16	0	234	4	0	238	20	0	4	2	24	14	424	8	0	446	10	724	734
05:30 PM	4	0	11	9	15	1	244	1	0	246	8	0	6	5	14	11	409	5	0	425	14	700	714
05:45 PM	5	0	12	12	17	0	202	9	0	211	11	1	4	2	16	4	360	4	0	368	14	612	626
Total	16	0	46	37	62	1	899	17	0	917	65	1	14	9	80	41	1640	30	0	1711	46	2770	2816
Grand Total	31	1	92	74	124	14	1876	59	8	1949	153	4	61	32	218	79	3245	58	1	3382	115	5673	5788
Apprch %	25	0.8	74.2			0.7	96.3	3			70.2	1.8	28			2.3	95.9	1.7					
Total %	0.5	0	1.6		2.2	0.2	33.1	1		34.4	2.7	0.1	1.1		3.8	1.4	57.2	1		59.6	2	98	
Passenger Vehicles	31	1	91		196	14	1817	59		1898	148	4	58		240	77	3145	57		3280	0	0	5614
% Passenger Vehicles	100	100	98.9	98.6	99	100	96.9	100	100	97	96.7	100	95.1	93.8	96	97.5	96.9	98.3	100	97	0	0	97
Large 2 Axle Vehicles	0	0	1		2	0	52	0		52	3	0	3		8	2	66	1		69	0	0	131
% Large 2 Axle Vehicles	0	0	1.1	1.4	1	0	2.8	0	0	2.7	2	0	4.9	6.2	3.2	2.5	2	1.7	0	2	0	0	2.3
3 Axle Vehicles	0	0	0		0	0	3	0		3	2	0	0		2	0	19	0		19	0	0	24
% 3 Axle Vehicles	0	0	0	0	0	0	0.2	0	0	0.2	1.3	0	0	0	0.8	0	0.6	0	0	0.6	0	0	0.4
4+ Axle Trucks	0	0	0		0	0	4	0		4	0	0	0		0	0	15	0		15	0	0	19
% 4+ Axle Trucks	0	0	0	0	0	0	0.2	0	0	0.2	0	0	0	0	0	0	0.5	0	0	0.4	0	0	0.3

	Golden Avenue Southbound				Pacific Coast Highway Westbound				Frontage Road Northbound				Pacific Coast Highway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	2	0	**17**	19	1	**280**	**11**	**292**	**32**	**1**	**17**	**50**	8	436	10	454	**815**
04:45 PM	**7**	0	13	**20**	**2**	224	9	235	21	0	4	25	**20**	381	7	408	688
05:00 PM	2	0	12	14	0	219	3	222	26	0	0	26	12	**447**	**13**	**472**	734
05:15 PM	5	0	11	16	0	234	4	238	20	0	4	24	14	424	8	446	724
Total Volume	16	0	53	69	3	957	27	987	99	1	25	125	54	1688	38	1780	2961
% App. Total	23.2	0	76.8		0.3	97	2.7		79.2	0.8	20		3	94.8	2.1		
PHF	.571	.000	.779	.863	.375	.854	.614	.845	.773	.250	.368	.625	.675	.944	.731	.943	.908

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Large 2 Axle Vehicles

	Golden Avenue Southbound					Pacific Coast Highway Westbound					Frontage Road Northbound					Pacific Coast Highway Eastbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	0	0	1	1	1	0	11	0	0	11	0	0	0	0	0	1	9	0	0	10	1	22	23
04:15 PM	0	0	0	0	0	0	4	0	0	4	1	0	1	1	2	0	11	1	0	12	1	18	19
04:30 PM	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	1	5	0	0	6	0	15	15
04:45 PM	0	0	0	0	0	0	6	0	0	6	1	0	0	0	1	0	7	0	0	7	0	14	14
Total	0	0	1	1	1	0	30	0	0	30	2	0	1	1	3	2	32	1	0	35	2	69	71
05:00 PM	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	11	0	0	11	0	19	19
05:15 PM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	10	0	0	10	0	14	14
05:30 PM	0	0	0	0	0	0	7	0	0	7	0	0	2	1	2	0	6	0	0	6	1	15	16
05:45 PM	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	0	7	0	0	7	0	11	11
Total	0	0	0	0	0	0	22	0	0	22	1	0	2	1	3	0	34	0	0	34	1	59	60
Grand Total	0	0	1	1	1	0	52	0	0	52	3	0	3	2	6	2	66	1	0	69	3	128	131
Apprch %	0	0	100			0	100	0			50	0	50			2.9	95.7	1.4					
Total %	0	0	0.8		0.8	0	40.6	0		40.6	2.3	0	2.3		4.7	1.6	51.6	0.8		53.9	2.3	97.7	

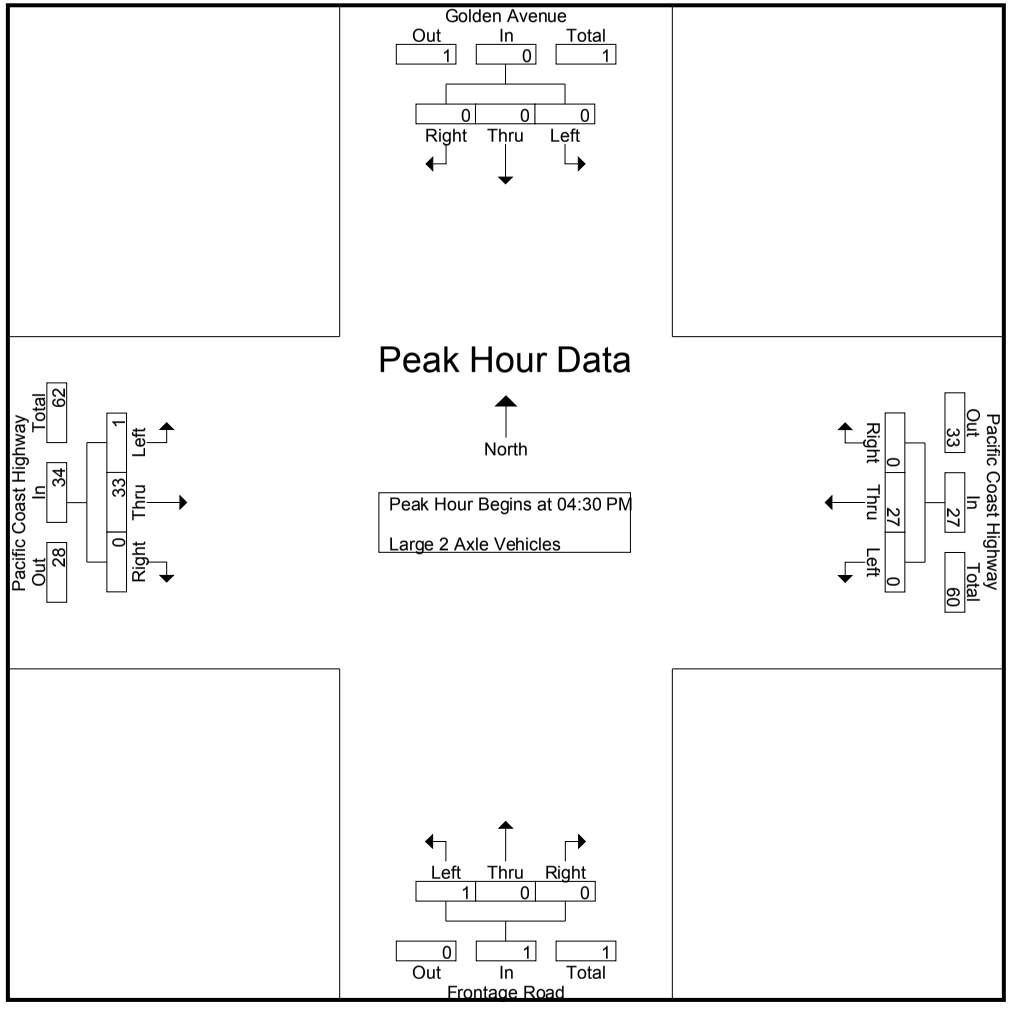
3.1-11

	Golden Avenue Southbound				Pacific Coast Highway Westbound				Frontage Road Northbound				Pacific Coast Highway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	**9**	0	**9**	0	0	0	0	**1**	5	0	6	15
04:45 PM	0	0	0	0	0	6	0	6	**1**	0	0	**1**	0	7	0	7	14
05:00 PM	0	0	0	0	0	8	0	8	0	0	0	0	0	**11**	0	**11**	**19**
05:15 PM	0	0	0	0	0	4	0	4	0	0	0	0	0	10	0	10	14
Total Volume	0	0	0	0	0	27	0	27	1	0	0	1	1	33	0	34	62
% App. Total	0	0	0		0	100	0		100	0	0		2.9	97.1	0		
PHF	.000	.000	.000	.000	.000	.750	.000	.750	.250	.000	.000	.250	.250	.750	.000	.773	.816

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 3 Axle Vehicles

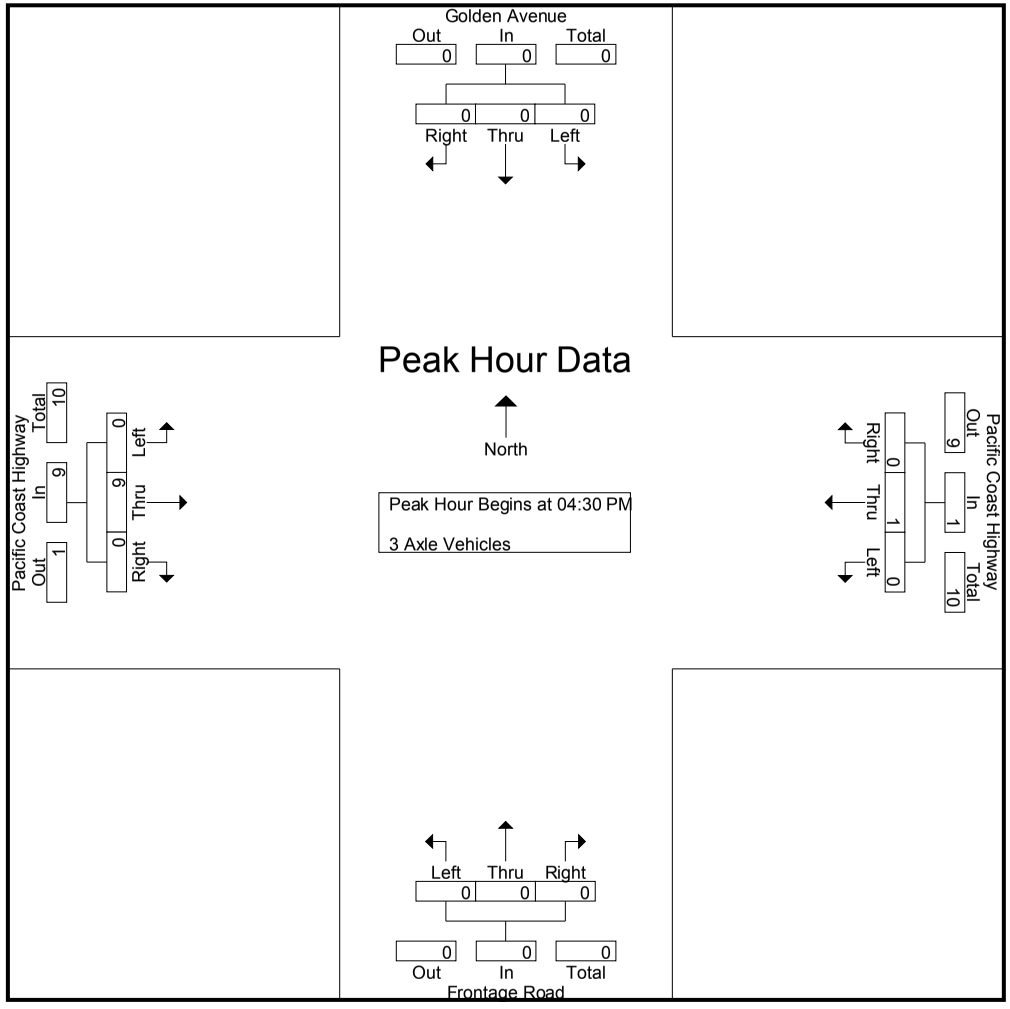
	Golden Avenue Southbound					Pacific Coast Highway Westbound					Frontage Road Northbound					Pacific Coast Highway Eastbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	0	6	0	0	6	0	9	9
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	2
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	3	3
04:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	2	2
Total	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	0	12	0	0	12	0	16	16
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	3	3
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	2	0	3	3
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	7	0	0	7	0	8	8
Grand Total	0	0	0	0	0	0	3	0	0	3	2	0	0	0	2	0	19	0	0	19	0	24	24
Apprch %	0	0	0			0	100	0			100	0	0			0	100	0					
Total %	0	0	0		0	0	12.5	0		12.5	8.3	0	0		8.3	0	79.2	0		79.2	0	100	

	Golden Avenue Southbound				Pacific Coast Highway Westbound				Frontage Road Northbound				Pacific Coast Highway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	**3**	0	**3**	**3**
04:45 PM	0	0	0	0	0	**1**	0	**1**	0	0	0	0	0	1	0	1	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Total Volume	0	0	0	0	0	1	0	1	0	0	0	0	0	9	0	9	10
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.000	.750	.000	.750	.833

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 4+ Axle Trucks

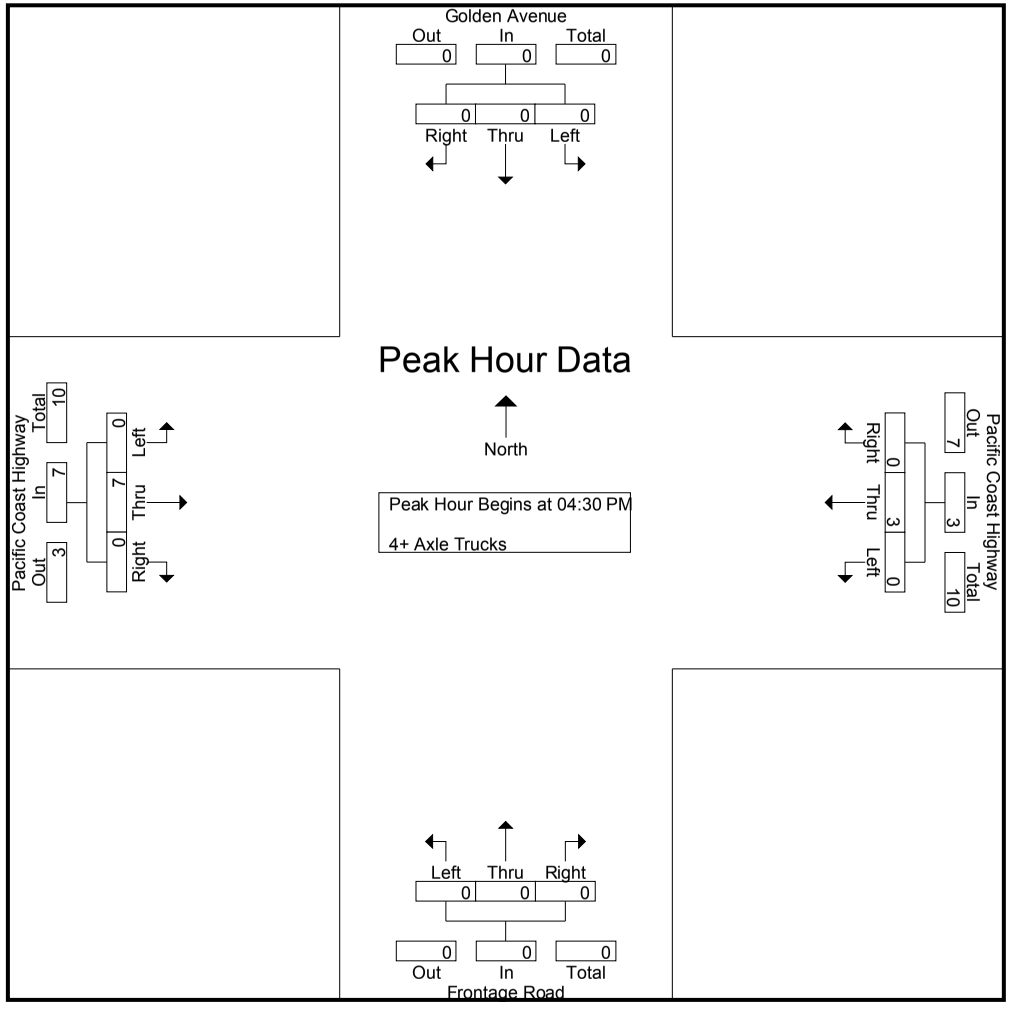
	Golden Avenue Southbound					Pacific Coast Highway Westbound					Frontage Road Northbound					Pacific Coast Highway Eastbound							
Start Time	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Left	Thru	Right	RTOR	App. Total	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	4	4
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	2
04:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	4	4
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	9	0	0	9	0	10	10
05:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	5	5
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	3	3
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	0	9	9
Grand Total	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	15	0	0	15	0	19	19
Apprch %	0	0	0			0	100	0			0	0	0			0	100	0					
Total %	0	0	0		0	0	21.1	0		21.1	0	0	0		0	0	78.9	0		78.9	0	100	

	Golden Avenue Southbound				Pacific Coast Highway Westbound				Frontage Road Northbound				Pacific Coast Highway Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:30 PM to 05:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:30 PM																	
04:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	**3**	0	**3**	4
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	**2**	0	**2**	0	0	0	0	0	3	0	3	**5**
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	0	0	0	0	0	3	0	3	0	0	0	0	0	7	0	7	10
% App. Total	0	0	0		0	100	0		0	0	0		0	100	0		
PHF	.000	.000	.000	.000	.000	.375	.000	.375	.000	.000	.000	.000	.000	.583	.000	.583	.500

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway (SR-1)
Weather: Clear

File Name : 01_LBC_Golden_Frontage_PCH PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Location: Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway

Date: 9/11/2018
Day: Tuesday

PEDESTRIANS

	North Leg Golden Avenue	East Leg Pacific Coast Highway	South Leg Frontage Road	West Leg Pacific Coast Highway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	2	0	0	2
7:15 AM	0	4	0	0	4
7:30 AM	0	0	2	0	2
7:45 AM	1	2	1	0	4
8:00 AM	0	4	3	0	7
8:15 AM	0	0	0	1	1
8:30 AM	0	1	0	0	1
8:45 AM	0	0	1	0	1
TOTAL VOLUMES:	1	13	7	1	22

	North Leg Golden Avenue	East Leg Pacific Coast Highway	South Leg Frontage Road	West Leg Pacific Coast Highway	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	1	3	0	5
4:15 PM	1	2	3	0	6
4:30 PM	1	0	0	0	1
4:45 PM	2	0	1	0	3
5:00 PM	0	1	3	0	4
5:15 PM	1	2	1	0	4
5:30 PM	0	0	0	0	0
5:45 PM	1	0	1	0	2
TOTAL VOLUMES:	7	6	12	0	25

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Long Beach
N/S: Golden Avenue/Frontage Road
E/W: Pacific Coast Highway

Date: 9/11/2018
Day: Tuesday

BICYCLES

	Southbound Golden Avenue			Westbound Pacific Coast Highway			Northbound Frontage Road			Eastbound Pacific Coast Highway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	2	0	2
7:45 AM	0	1	1	0	0	0	0	0	0	0	2	0	4
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	2	0	0	1	0	0	2	0	5
TOTAL VOLUMES:	0	1	1	0	3	0	0	1	0	0	7	0	13

	Southbound Golden Avenue			Westbound Pacific Coast Highway			Northbound Frontage Road			Eastbound Pacific Coast Highway			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	0	0	0	4	0	0	0	0	0	3	0	7
4:15 PM	0	0	0	0	4	0	0	0	0	0	2	1	7
4:30 PM	0	1	0	0	2	0	1	0	0	0	6	0	10
4:45 PM	0	0	0	0	1	0	0	2	0	0	2	0	5
5:00 PM	0	1	0	0	0	0	0	0	0	0	1	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	3	0	0	0	0	0	0	0	3
5:45 PM	0	0	0	0	0	1	0	0	0	0	0	1	2
TOTAL VOLUMES:	0	2	0	0	14	1	1	2	0	0	15	2	37

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

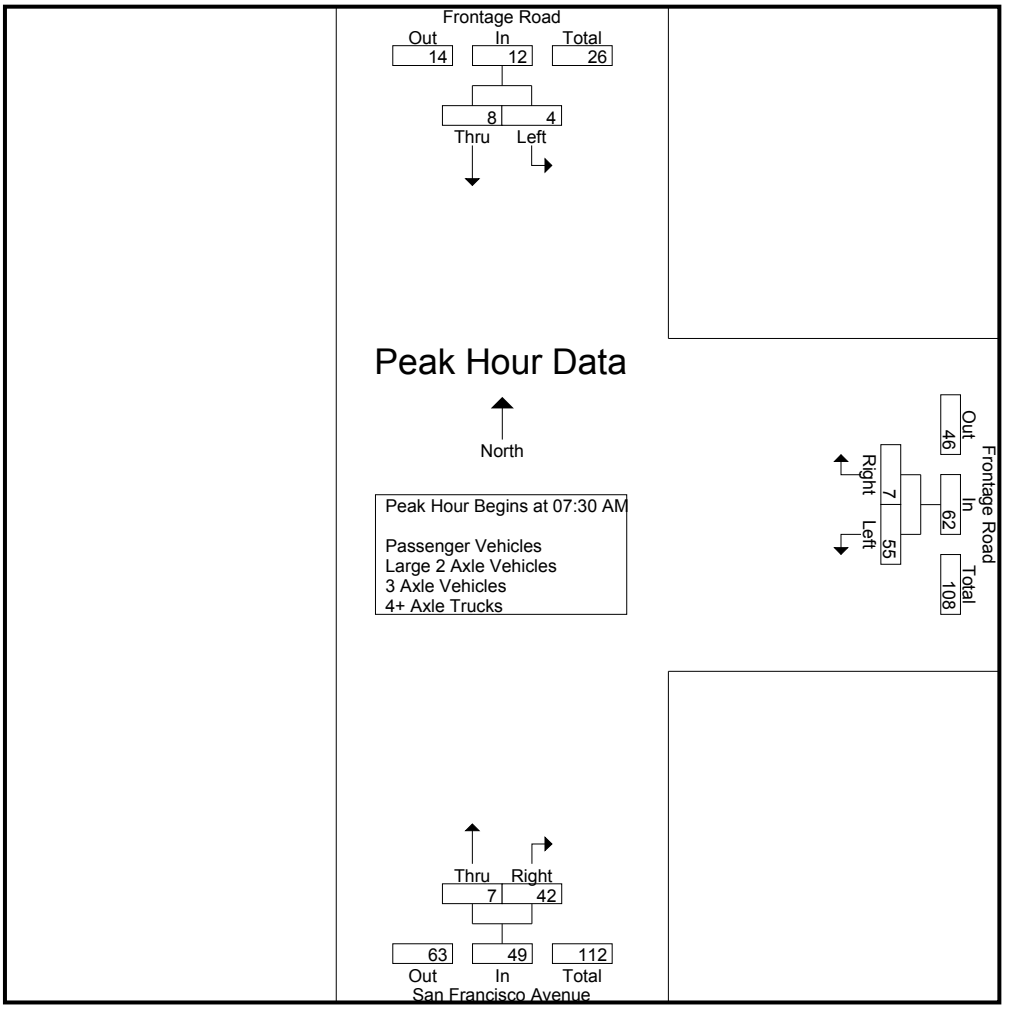
	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	1	2	3	7	0	7	3	8	11	21
07:15 AM	0	3	3	11	3	14	0	6	6	23
07:30 AM	0	0	0	19	1	20	1	6	7	27
07:45 AM	1	3	4	19	4	23	2	11	13	40
Total	2	8	10	56	8	64	6	31	37	111
08:00 AM	3	3	6	10	2	12	3	8	11	29
08:15 AM	0	2	2	7	0	7	1	17	18	27
08:30 AM	0	0	0	12	0	12	1	6	7	19
08:45 AM	0	0	0	5	1	6	3	4	7	13
Total	3	5	8	34	3	37	8	35	43	88
Grand Total	5	13	18	90	11	101	14	66	80	199
Apprch %	27.8	72.2		89.1	10.9		17.5	82.5		
Total %	2.5	6.5	9	45.2	5.5	50.8	7	33.2	40.2	
Passenger Vehicles	5	12	17	89	11	100	13	56	69	186
% Passenger Vehicles	100	92.3	94.4	98.9	100	99	92.9	84.8	86.2	93.5
Large 2 Axle Vehicles	0	0	0	1	0	1	0	6	6	7
% Large 2 Axle Vehicles										
3 Axle Vehicles	0	1	1	0	0	0	0	1	1	2
% 3 Axle Vehicles	0	7.7	5.6	0	0	0	0	1.5	1.2	1
4+ Axle Trucks	0	0	0	0	0	0	1	3	4	4
% 4+ Axle Trucks	0	0	0	0	0	0	7.1	4.5	5	2

	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	0	0	0	**19**	1	20	1	6	7	27
07:45 AM	1	**3**	4	19	**4**	**23**	2	11	13	**40**
08:00 AM	**3**	3	**6**	10	2	12	**3**	8	11	29
08:15 AM	0	2	2	7	0	7	1	**17**	**18**	27
Total Volume	4	8	12	55	7	62	7	42	49	123
% App. Total	33.3	66.7		88.7	11.3		14.3	85.7		
PHF	.333	.667	.500	.724	.438	.674	.583	.618	.681	.769

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:15 AM			07:30 AM		
+0 mins.	0	**3**	3	11	3	14	1	6	7
+15 mins.	0	0	0	**19**	1	20	2	11	13
+30 mins.	1	3	4	19	**4**	**23**	**3**	8	11
+45 mins.	**3**	3	**6**	10	2	12	1	**17**	**18**
Total Volume	4	9	13	59	10	69	7	42	49
% App. Total	30.8	69.2		85.5	14.5		14.3	85.7	
PHF	.333	.750	.542	.776	.625	.750	.583	.618	.681

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Large 2 Axle Vehicles

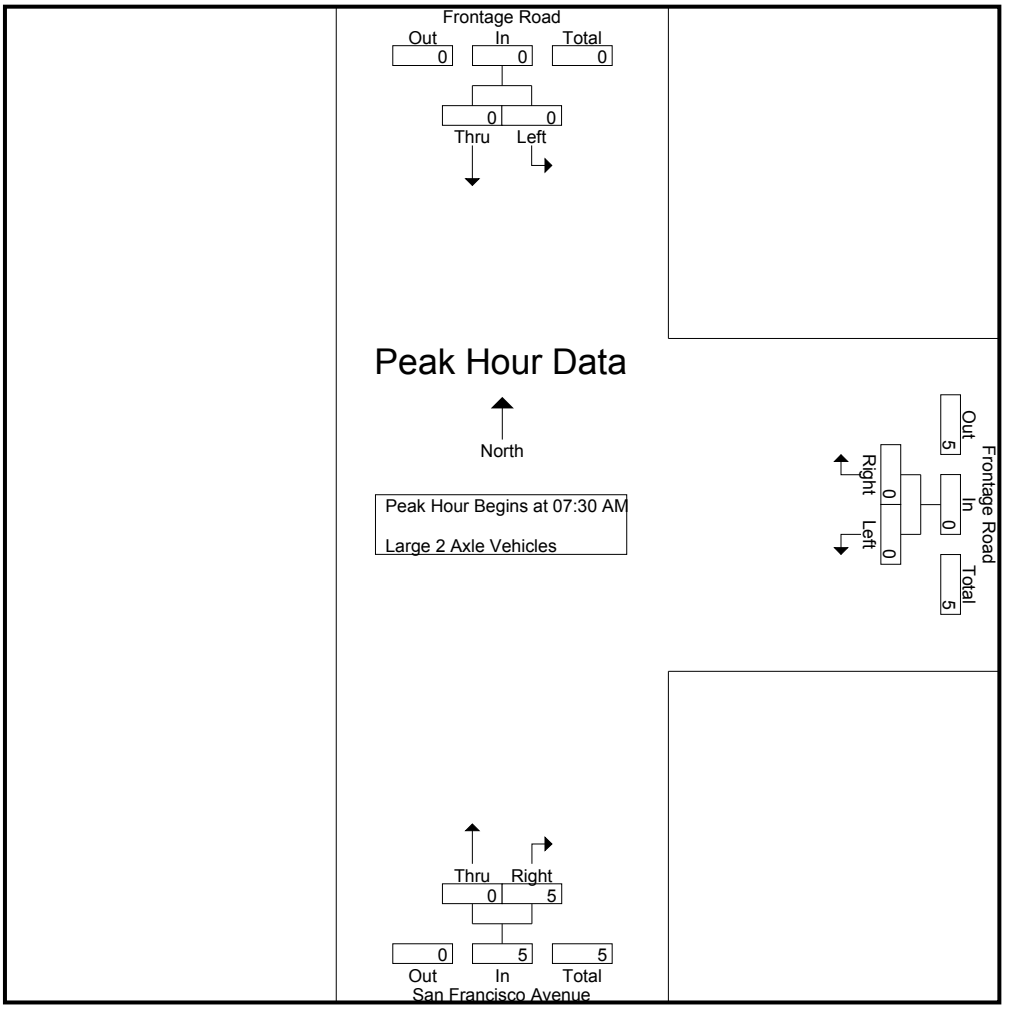
	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	2	2	2
08:15 AM	0	0	0	0	0	0	0	3	3	3
08:30 AM	0	0	0	1	0	1	0	1	1	2
08:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	0	1	0	6	6	7
Grand Total	0	0	0	1	0	1	0	6	6	7
Apprch %	0	0		100	0		0	100		
Total %	0	0	0	14.3	0	14.3	0	85.7	85.7	

	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	2	2	2
08:15 AM	0	0	0	0	0	0	0	**3**	**3**	**3**
Total Volume	0	0	0	0	0	0	0	5	5	5
% App. Total	0	0		0	0		0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.417	.417	.417

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:30 AM			07:30 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	2	2
+45 mins.	0	0	0	0	0	0	0	**3**	**3**
Total Volume	0	0	0	0	0	0	0	5	5
% App. Total	0	0		0	0		0	100	
PHF	.000	.000	.000	.000	.000	.000	.000	.417	.417

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 3 Axle Vehicles

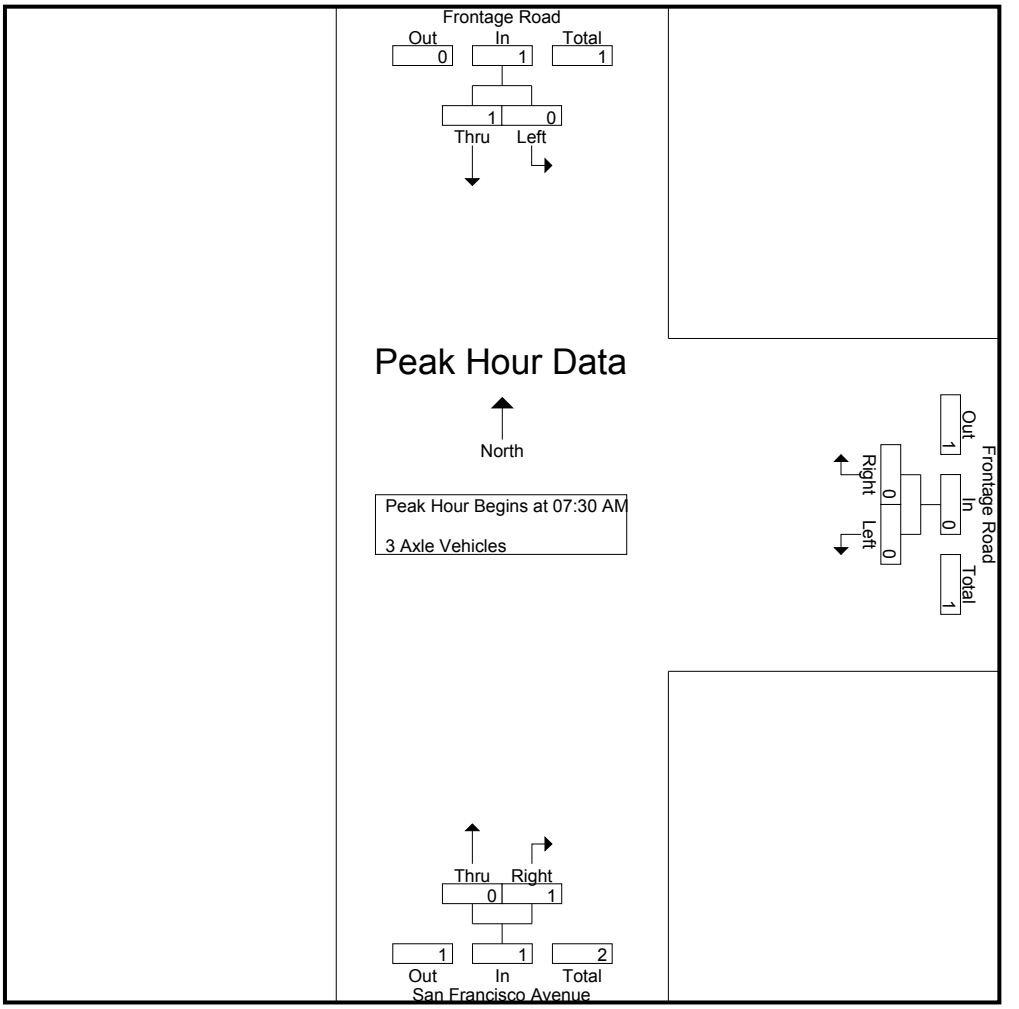
	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	1	1	0	0	0	0	1	1	2
08:15 AM	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	1	1	0	0	0	0	1	1	2
Grand Total	0	1	1	0	0	0	0	1	1	2
Apprch %	0	100		0	0		0	100		
Total %	0	50	50	0	0	0	0	50	50	

	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	**1**	**1**	0	0	0	0	**1**	**1**	**2**
08:15 AM	0	0	0	0	0	0	0	0	0	0
Total Volume	0	1	1	0	0	0	0	1	1	2
% App. Total	0	100		0	0		0	100		
PHF	.000	.250	.250	.000	.000	.000	.000	.250	.250	.250

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:30 AM			07:30 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	**1**	**1**	0	0	0	0	**1**	**1**
+45 mins.	0	0	0	0	0	0	0	0	0
Total Volume	0	1	1	0	0	0	0	1	1
% App. Total	0	100		0	0		0	100	
PHF	.000	.250	.250	.000	.000	.000	.000	.250	.250

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 4+ Axle Trucks

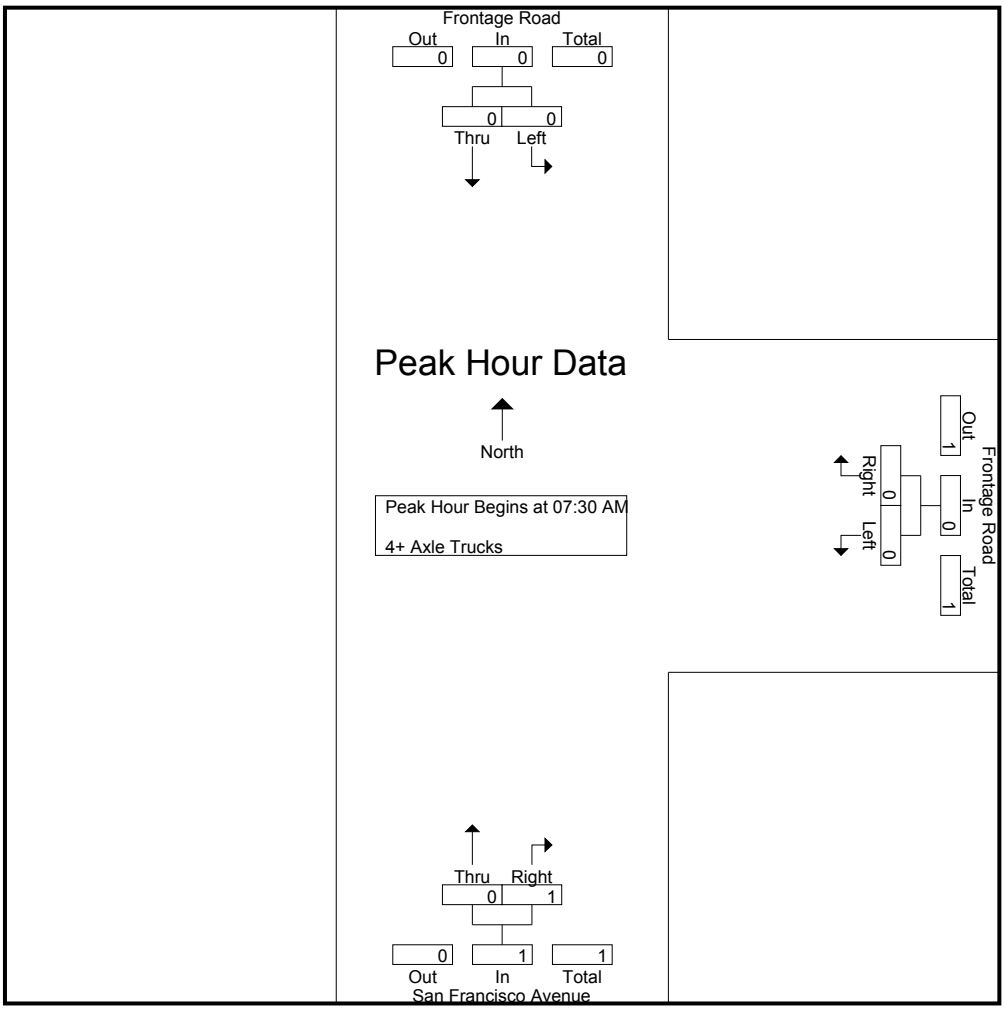
	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	1	1	1
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	2	2	2
08:00 AM	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	1	1	1
08:45 AM	0	0	0	0	0	0	1	0	1	1
Total	0	0	0	0	0	0	1	1	2	2
Grand Total	0	0	0	0	0	0	1	3	4	4
Apprch %	0	0		0	0		25	75		
Total %	0	0	0	0	0	0	25	75	100	

	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:30 AM										
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	**1**	**1**	**1**
08:00 AM	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	1	1	1
% App. Total	0	0		0	0		0	100		
PHF	.000	.000	.000	.000	.000	.000	.000	.250	.250	.250

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 07:30 AM to 08:15 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM			07:30 AM			07:30 AM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	**1**	**1**
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	1	1
% App. Total	0	0		0	0		0	100	
PHF	.000	.000	.000	.000	.000	.000	.000	.250	.250

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

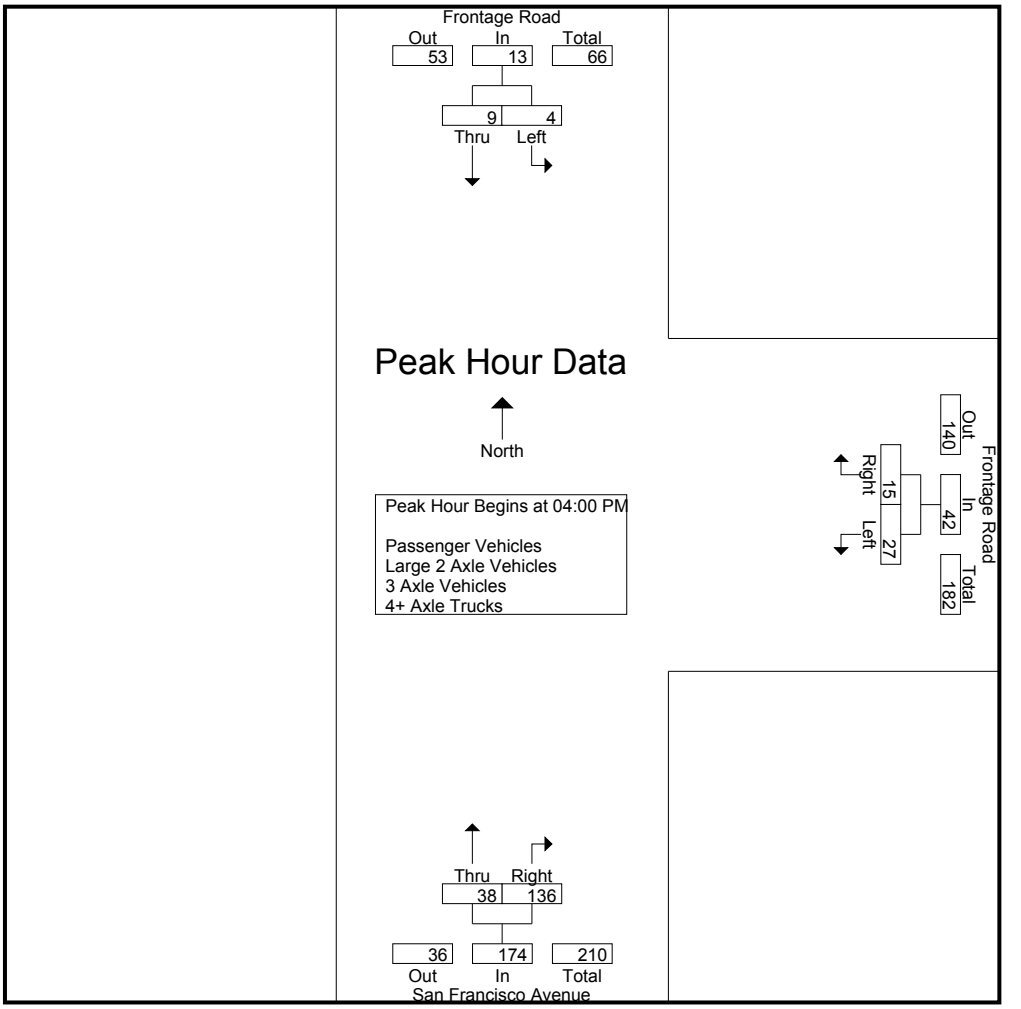
	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	1	4	5	5	2	7	3	35	38	50
04:15 PM	2	2	4	12	2	14	8	27	35	53
04:30 PM	0	2	2	5	7	12	16	55	71	85
04:45 PM	1	1	2	5	4	9	11	19	30	41
Total	4	9	13	27	15	42	38	136	174	229
05:00 PM	0	0	0	5	6	11	8	26	34	45
05:15 PM	1	1	2	5	3	8	11	21	32	42
05:30 PM	1	2	3	2	3	5	6	13	19	27
05:45 PM	2	4	6	3	1	4	6	9	15	25
Total	4	7	11	15	13	28	31	69	100	139
Grand Total	8	16	24	42	28	70	69	205	274	368
Apprch %	33.3	66.7		60	40		25.2	74.8		
Total %	2.2	4.3	6.5	11.4	7.6	19	18.8	55.7	74.5	
Passenger Vehicles	7	15	22	41	28	69	68	200	268	359
% Passenger Vehicles	87.5	93.8	91.7	97.6	100	98.6	98.6	97.6	97.8	97.6
Large 2 Axle Vehicles	0	0	0	1	0	1	0	5	5	6
% Large 2 Axle Vehicles										
3 Axle Vehicles	1	1	2	0	0	0	1	0	1	3
% 3 Axle Vehicles	12.5	6.2	8.3	0	0	0	1.4	0	0.4	0.8
4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0
% 4+ Axle Trucks	0	0	0	0	0	0	0	0	0	0

	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	1	**4**	**5**	5	2	7	3	35	38	50
04:15 PM	**2**	2	4	**12**	2	**14**	8	27	35	53
04:30 PM	0	2	2	5	**7**	12	**16**	**55**	**71**	**85**
04:45 PM	1	1	2	5	4	9	11	19	30	41
Total Volume	4	9	13	27	15	42	38	136	174	229
% App. Total	30.8	69.2		64.3	35.7		21.8	78.2		
PHF	.500	.563	.650	.563	.536	.750	.594	.618	.613	.674

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:15 PM			04:00 PM		
+0 mins.	1	**4**	**5**	**12**	2	**14**	3	35	38
+15 mins.	**2**	2	4	5	**7**	12	8	27	35
+30 mins.	0	2	2	5	4	9	**16**	**55**	**71**
+45 mins.	1	1	2	5	6	11	11	19	30
Total Volume	4	9	13	27	19	46	38	136	174
% App. Total	30.8	69.2		58.7	41.3		21.8	78.2	
PHF	.500	.563	.650	.563	.679	.821	.594	.618	.613

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Large 2 Axle Vehicles

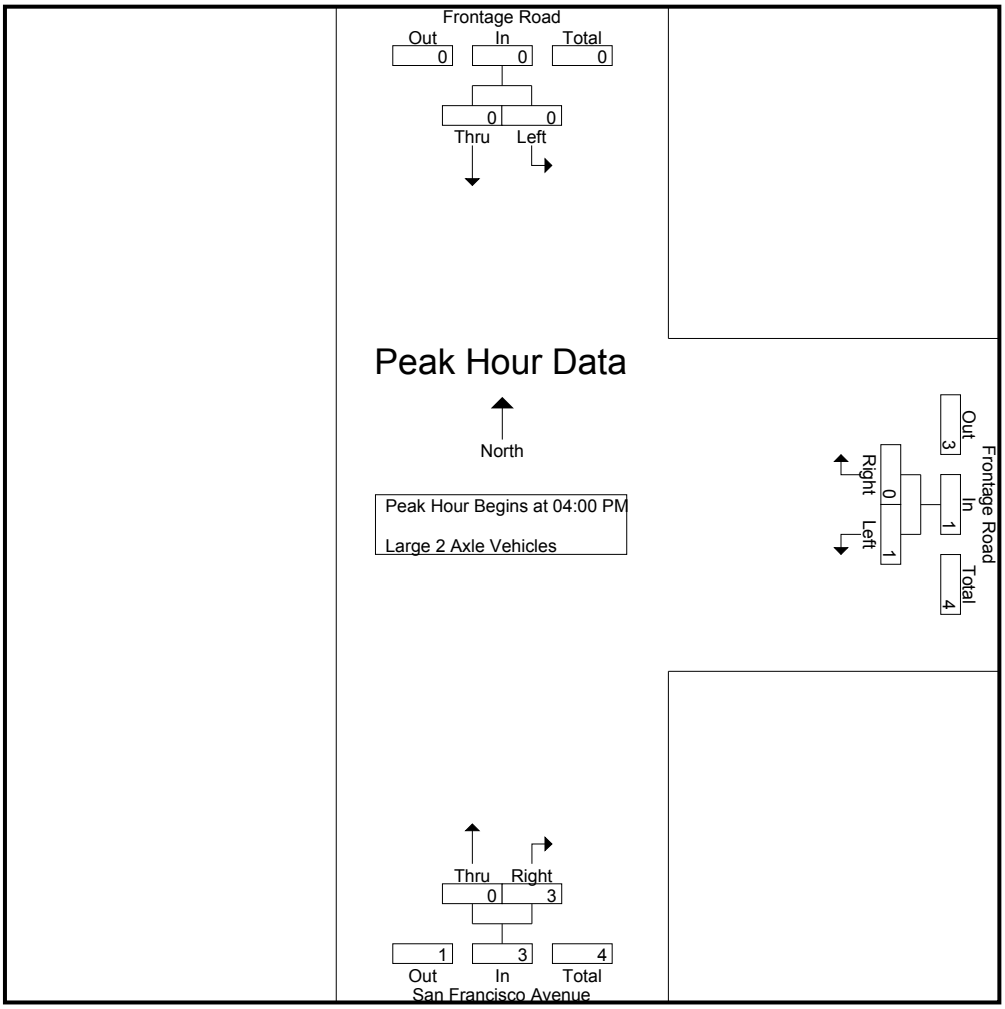
	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	1	0	1	0	2	2	3
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	1	0	1	0	3	3	4
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	1	1	1
05:45 PM	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	2	2	2
Grand Total	0	0	0	1	0	1	0	5	5	6
Apprch %	0	0		100	0		0	100		
Total %	0	0	0	16.7	0	16.7	0	83.3	83.3	

	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	**1**	0	**1**	0	**2**	**2**	**3**
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	1	1	1
Total Volume	0	0	0	1	0	1	0	3	3	4
% App. Total	0	0		100	0		0	100		
PHF	.000	.000	.000	.250	.000	.250	.000	.375	.375	.333

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:00 PM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	**1**	0	**1**	0	**2**	**2**
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	1	1
Total Volume	0	0	0	1	0	1	0	3	3
% App. Total	0	0		100	0		0	100	
PHF	.000	.000	.000	.250	.000	.250	.000	.375	.375

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 3 Axle Vehicles

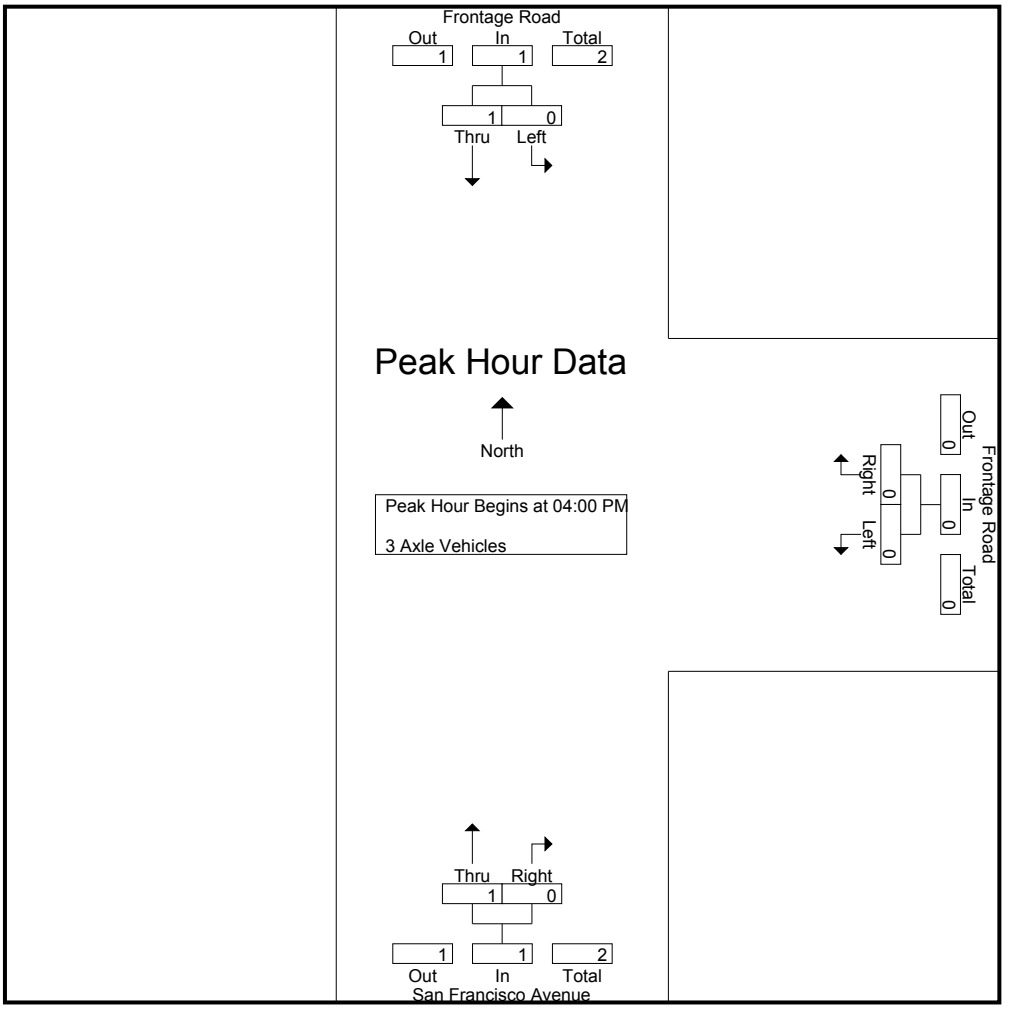
	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	0	1	1	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	1	0	1	1
Total	0	1	1	0	0	0	1	0	1	2
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	1	0	1	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	0	0	0	0	0	0	1
Grand Total	1	1	2	0	0	0	1	0	1	3
Apprch %	50	50		0	0		100	0		
Total %	33.3	33.3	66.7	0	0	0	33.3	0	33.3	

	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	0	**1**	**1**	0	0	0	0	0	0	**1**
04:15 PM	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	**1**	0	**1**	1
Total Volume	0	1	1	0	0	0	1	0	1	2
% App. Total	0	100		0	0		100	0		
PHF	.000	.250	.250	.000	.000	.000	.250	.000	.250	.500

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:00 PM		
+0 mins.	0	**1**	**1**	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	**1**	0	**1**
Total Volume	0	1	1	0	0	0	1	0	1
% App. Total	0	100		0	0		100	0	
PHF	.000	.250	.250	.000	.000	.000	.250	.000	.250

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 4+ Axle Trucks

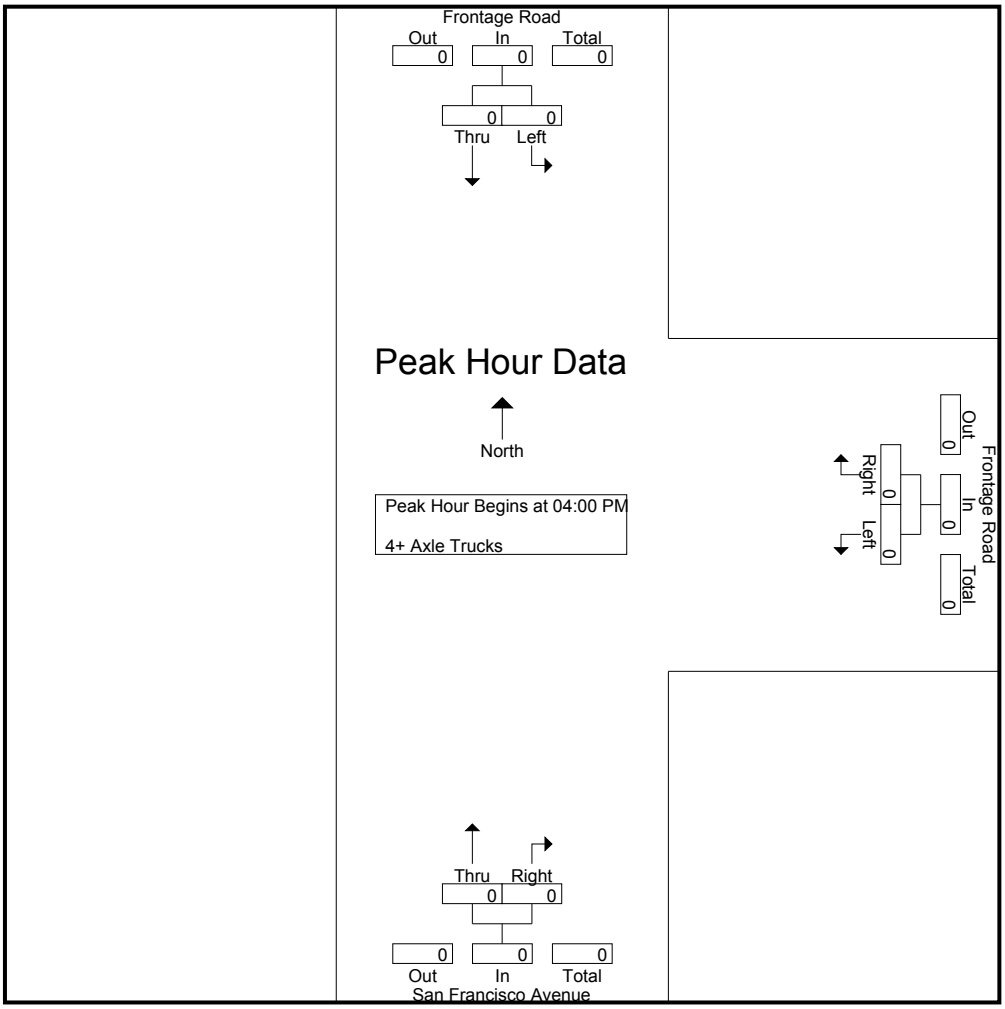
	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0		0	0		0	0		
Total %										

	Frontage Road Southbound			Frontage Road Westbound			San Francisco Avenue Northbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:00 PM										
04:00 PM	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0		0	0		0	0		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue/Frontage Road
E/W: Frontage Road
Weather: Clear

File Name : 02_LBC_San Francisco_Frontage PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM			04:00 PM			04:00 PM		
+0 mins.	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0
% App. Total	0	0		0	0		0	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000

Location: Long Beach
N/S: San Francisco Avenue
E/W: Frontage Road

Date: 9/11/2018
Day: Tuesday

PEDESTRIANS

	North Leg Frontage Road	East Leg Frontage Road	South Leg San Francisco Avenue	West Leg Dead End	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	0	0
7:15 AM	1	0	3	0	4
7:30 AM	0	1	0	0	1
7:45 AM	0	0	0	0	0
8:00 AM	0	0	0	0	0
8:15 AM	1	0	1	0	2
8:30 AM	0	0	0	0	0
8:45 AM	0	1	0	0	1
TOTAL VOLUMES:	2	2	4	0	8

	North Leg Frontage Road	East Leg Frontage Road	South Leg San Francisco Avenue	West Leg Dead End	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	0	0	1	0	1
4:15 PM	0	0	1	0	1
4:30 PM	0	0	0	0	0
4:45 PM	0	0	3	0	3
5:00 PM	0	0	1	0	1
5:15 PM	0	0	1	0	1
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	0	0	7	0	7

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Long Beach
N/S: San Francisco Avenue
E/W: Frontage Road

Date: 9/11/2018
Day: Tuesday

BICYCLES

	Southbound Frontage Road			Westbound Frontage Road			Northbound San Francisco Avenue			Eastbound Dead End			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
7:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	1	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	1	0	0	0	0	1	0	2	0	0	0	0	4

	Southbound Frontage Road			Westbound Frontage Road			Northbound San Francisco Avenue			Eastbound Dead End			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	2	0	0	0	0	0	0	2
4:30 PM	2	0	0	0	0	0	0	1	0	0	0	0	3
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
5:15 PM	1	0	0	0	0	0	0	3	0	0	0	0	4
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	4	0	0	0	0	3	0	5	0	0	0	0	12

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

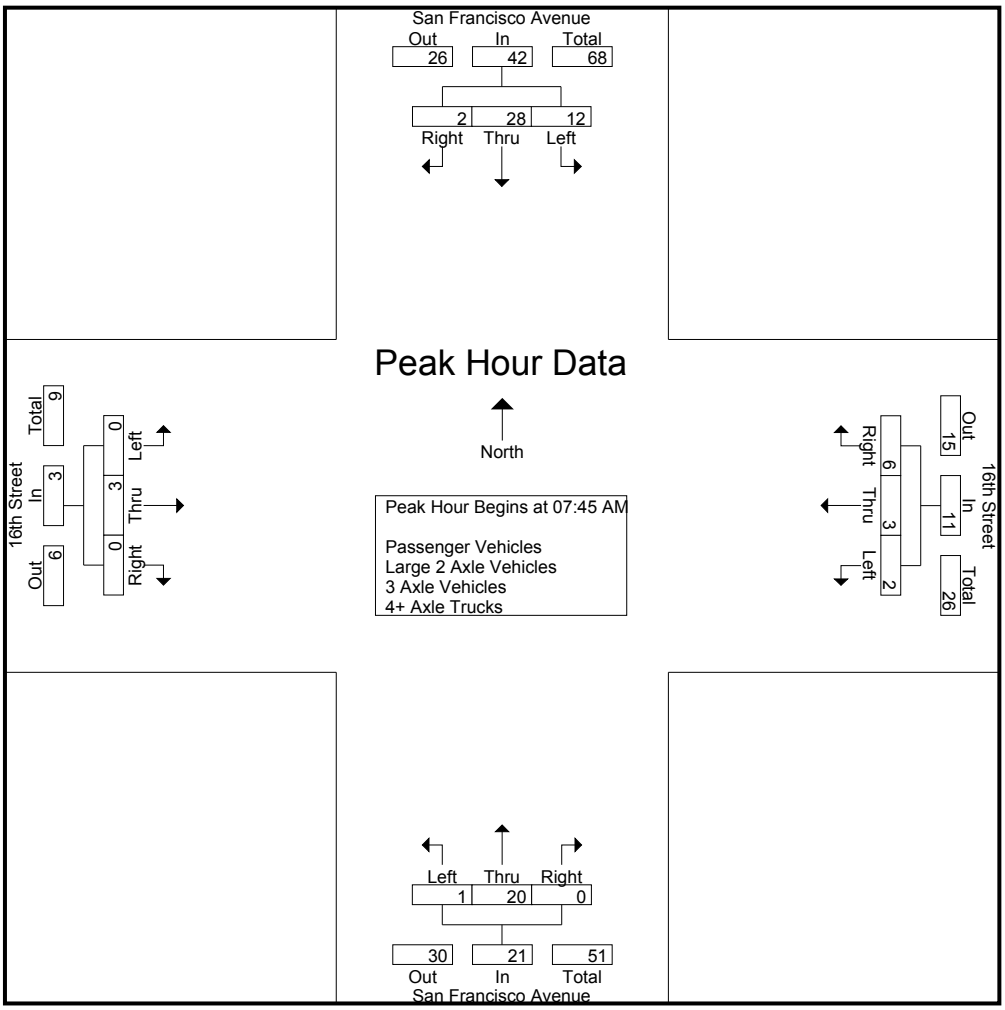
	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	1	3	0	4	0	0	0	0	0	5	0	5	0	0	1	1	10
07:15 AM	1	4	0	5	0	0	3	3	0	1	0	1	0	0	0	0	9
07:30 AM	2	4	0	6	0	0	1	1	0	5	0	5	0	0	0	0	12
07:45 AM	0	7	0	7	1	0	0	1	0	6	0	6	0	0	0	0	14
Total	4	18	0	22	1	0	4	5	0	17	0	17	0	0	1	1	45
08:00 AM	6	14	0	20	0	2	1	3	0	3	0	3	0	0	0	0	26
08:15 AM	2	2	0	4	1	1	5	7	0	6	0	6	0	2	0	2	19
08:30 AM	4	5	2	11	0	0	0	0	1	5	0	6	0	1	0	1	18
08:45 AM	2	5	0	7	1	0	1	2	0	2	0	2	0	0	0	0	11
Total	14	26	2	42	2	3	7	12	1	16	0	17	0	3	0	3	74
Grand Total	18	44	2	64	3	3	11	17	1	33	0	34	0	3	1	4	119
Apprch %	28.1	68.8	3.1		17.6	17.6	64.7		2.9	97.1	0		0	75	25		
Total %	15.1	37	1.7	53.8	2.5	2.5	9.2	14.3	0.8	27.7	0	28.6	0	2.5	0.8	3.4	
Passenger Vehicles	14	36	2	52	2	0	8	10	1	25	0	26	0	2	1	3	91
% Passenger Vehicles	77.8	81.8	100	81.2	66.7	0	72.7	58.8	100	75.8	0	76.5	0	66.7	100	75	76.5
Large 2 Axle Vehicles	2	5	0	7	0	0	1	1	0	7	0	7	0	0	0	0	15
% Large 2 Axle Vehicles	11.1	11.4	0	10.9	0	0	9.1	5.9	0	21.2	0	20.6	0	0	0	0	12.6
3 Axle Vehicles	1	3	0	4	0	2	1	3	0	1	0	1	0	1	0	1	9
% 3 Axle Vehicles	5.6	6.8	0	6.2	0	66.7	9.1	17.6	0	3	0	2.9	0	33.3	0	25	7.6
4+ Axle Trucks	1	0	0	1	1	1	1	3	0	0	0	0	0	0	0	0	4
% 4+ Axle Trucks	5.6	0	0	1.6	33.3	33.3	9.1	17.6	0	0	0	0	0	0	0	0	3.4

	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	7	0	7	**1**	0	0	1	0	**6**	0	**6**	0	0	0	0	14
08:00 AM	**6**	**14**	0	**20**	0	**2**	1	3	0	3	0	3	0	0	0	0	**26**
08:15 AM	2	2	0	4	1	1	**5**	**7**	0	6	0	6	0	**2**	0	**2**	19
08:30 AM	4	5	**2**	11	0	0	0	0	**1**	5	0	6	0	1	0	1	18
Total Volume	12	28	2	42	2	3	6	11	1	20	0	21	0	3	0	3	77
% App. Total	28.6	66.7	4.8		18.2	27.3	54.5		4.8	95.2	0		0	100	0		
PHF	.500	.500	.250	.525	.500	.375	.300	.393	.250	.833	.000	.875	.000	.375	.000	.375	.740

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:30 AM				07:45 AM				07:45 AM			
+0 mins.	0	7	0	7	0	0	1	1	0	**6**	0	**6**	0	0	0	0
+15 mins.	**6**	**14**	0	**20**	**1**	0	0	1	0	3	0	3	0	0	0	0
+30 mins.	2	2	0	4	0	**2**	1	3	0	6	0	6	0	**2**	0	**2**
+45 mins.	4	5	**2**	11	1	1	**5**	**7**	**1**	5	0	6	0	1	0	1
Total Volume	12	28	2	42	2	3	7	12	1	20	0	21	0	3	0	3
% App. Total	28.6	66.7	4.8		16.7	25	58.3		4.8	95.2	0		0	100	0	
PHF	.500	.500	.250	.525	.500	.375	.350	.429	.250	.833	.000	.875	.000	.375	.000	.375

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Large 2 Axle Vehicles

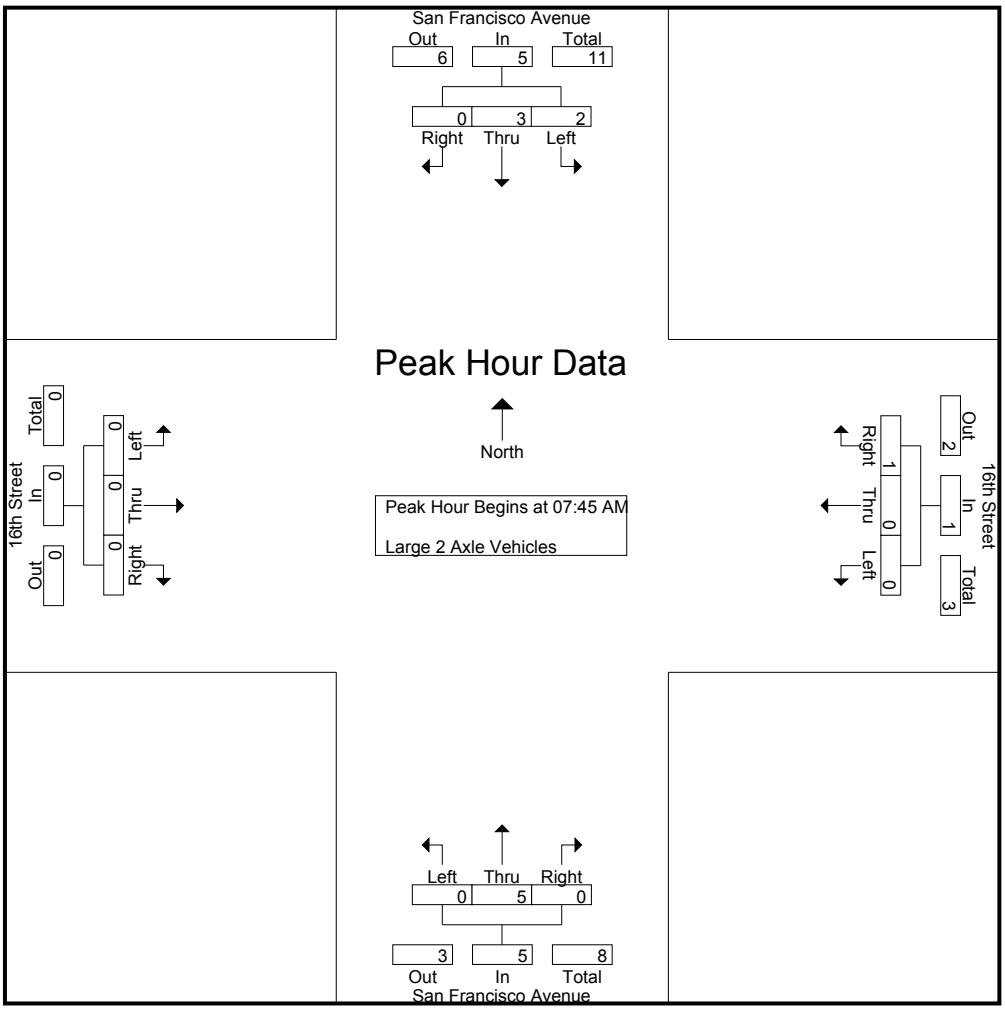
	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
07:45 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
Total	0	1	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
08:00 AM	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
08:15 AM	0	0	0	0	0	0	1	1	0	3	0	3	0	0	0	0	4
08:30 AM	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
08:45 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
Total	2	4	0	6	0	0	1	1	0	5	0	5	0	0	0	0	12
Grand Total	2	5	0	7	0	0	1	1	0	7	0	7	0	0	0	0	15
Apprch %	28.6	71.4	0		0	0	100		0	100	0		0	0	0		
Total %	13.3	33.3	0	46.7	0	0	6.7	6.7	0	46.7	0	46.7	0	0	0	0	

	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
08:00 AM	**1**	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
08:15 AM	0	0	0	0	0	0	**1**	**1**	0	**3**	0	**3**	0	0	0	0	**4**
08:30 AM	1	**2**	0	**3**	0	0	0	0	0	0	0	0	0	0	0	0	3
Total Volume	2	3	0	5	0	0	1	1	0	5	0	5	0	0	0	0	11
% App. Total	40	60	0		0	0	100		0	100	0		0	0	0		
PHF	.500	.375	.000	.417	.000	.000	.250	.250	.000	.417	.000	.417	.000	.000	.000	.000	.688

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0
+15 mins.	**1**	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
+30 mins.	0	0	0	0	0	0	**1**	**1**	0	**3**	0	**3**	0	0	0	0
+45 mins.	1	**2**	0	**3**	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	2	3	0	5	0	0	1	1	0	5	0	5	0	0	0	0
% App. Total	40	60	0		0	0	100		0	100	0		0	0	0	
PHF	.500	.375	.000	.417	.000	.000	.250	.250	.000	.417	.000	.417	.000	.000	.000	.000

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 3 Axle Vehicles

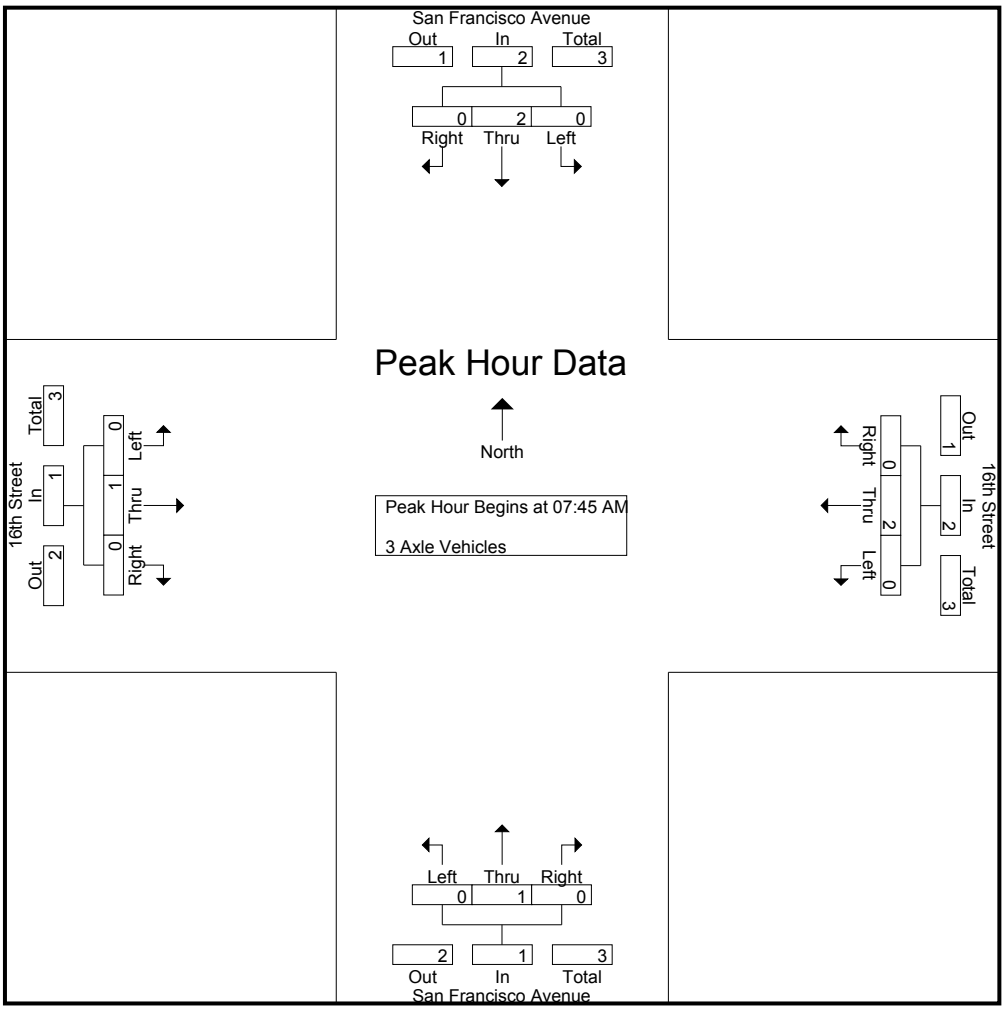
	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
07:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2
08:00 AM	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3
08:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
08:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:45 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	3	0	3	0	2	0	2	0	1	0	1	0	1	0	1	7
Grand Total	1	3	0	4	0	2	1	3	0	1	0	1	0	1	0	1	9
Apprch %	25	75	0		0	66.7	33.3		0	100	0		0	100	0		
Total %	11.1	33.3	0	44.4	0	22.2	11.1	33.3	0	11.1	0	11.1	0	11.1	0	11.1	

	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	**1**	0	**1**	0	**2**	0	**2**	0	0	0	0	0	0	0	0	**3**
08:15 AM	0	0	0	0	0	0	0	0	0	**1**	0	**1**	0	**1**	0	**1**	2
08:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	2	0	2	0	2	0	2	0	1	0	1	0	1	0	1	6
% App. Total	0	100	0		0	100	0		0	100	0		0	100	0		
PHF	.000	.500	.000	.500	.000	.250	.000	.250	.000	.250	.000	.250	.000	.250	.000	.250	.500

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	**1**	0	**1**	0	**2**	0	**2**	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	**1**	0	**1**	0	**1**	0	**1**
+45 mins.	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	2	0	2	0	2	0	2	0	1	0	1	0	1	0	1
% App. Total	0	100	0		0	100	0		0	100	0		0	100	0	
PHF	.000	.500	.000	.500	.000	.250	.000	.250	.000	.250	.000	.250	.000	.250	.000	.250

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 4+ Axle Trucks

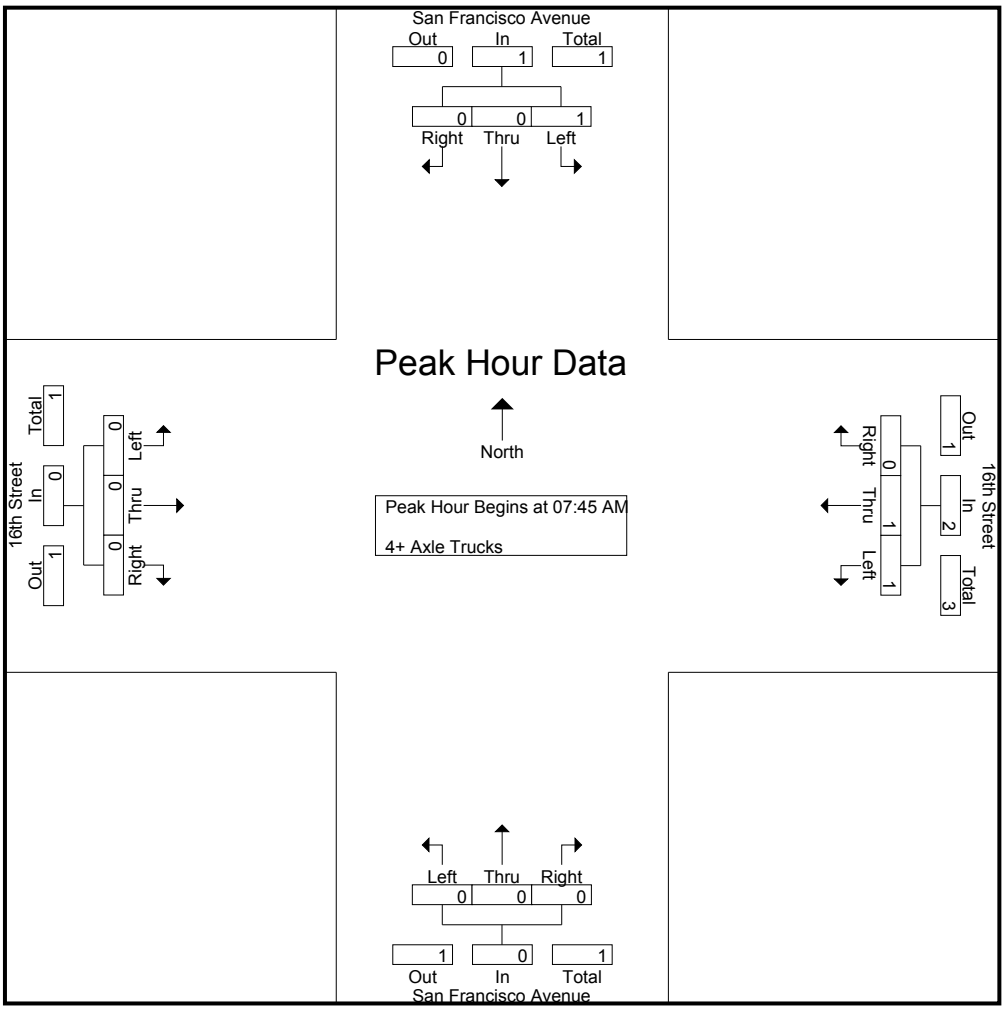
	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
08:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:45 AM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Total	1	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0	3
Grand Total	1	0	0	1	1	1	1	3	0	0	0	0	0	0	0	0	4
Apprch %	100	0	0		33.3	33.3	33.3		0	0	0		0	0	0		
Total %	25	0	0	25	25	25	25	75	0	0	0	0	0	0	0	0	

	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45 AM																	
07:45 AM	0	0	0	0	**1**	0	0	**1**	0	0	0	0	0	0	0	0	**1**
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	**1**	0	1	0	0	0	0	0	0	0	0	1
08:30 AM	**1**	0	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	1	0	0	1	1	1	0	2	0	0	0	0	0	0	0	0	3
% App. Total	100	0	0		50	50	0		0	0	0		0	0	0		
PHF	.250	.000	.000	.250	.250	.250	.000	.500	.000	.000	.000	.000	.000	.000	.000	.000	.750

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St AM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 07:45 AM to 08:30 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:45 AM				07:45 AM				07:45 AM			
+0 mins.	0	0	0	0	**1**	0	0	**1**	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	**1**	0	1	0	0	0	0	0	0	0	0
+45 mins.	**1**	0	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	1	1	0	2	0	0	0	0	0	0	0	0
% App. Total	100	0	0		50	50	0		0	0	0		0	0	0	
PHF	.250	.000	.000	.250	.250	.250	.000	.500	.000	.000	.000	.000	.000	.000	.000	.000

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Passenger Vehicles - Large 2 Axle Vehicles - 3 Axle Vehicles - 4+ Axle Trucks

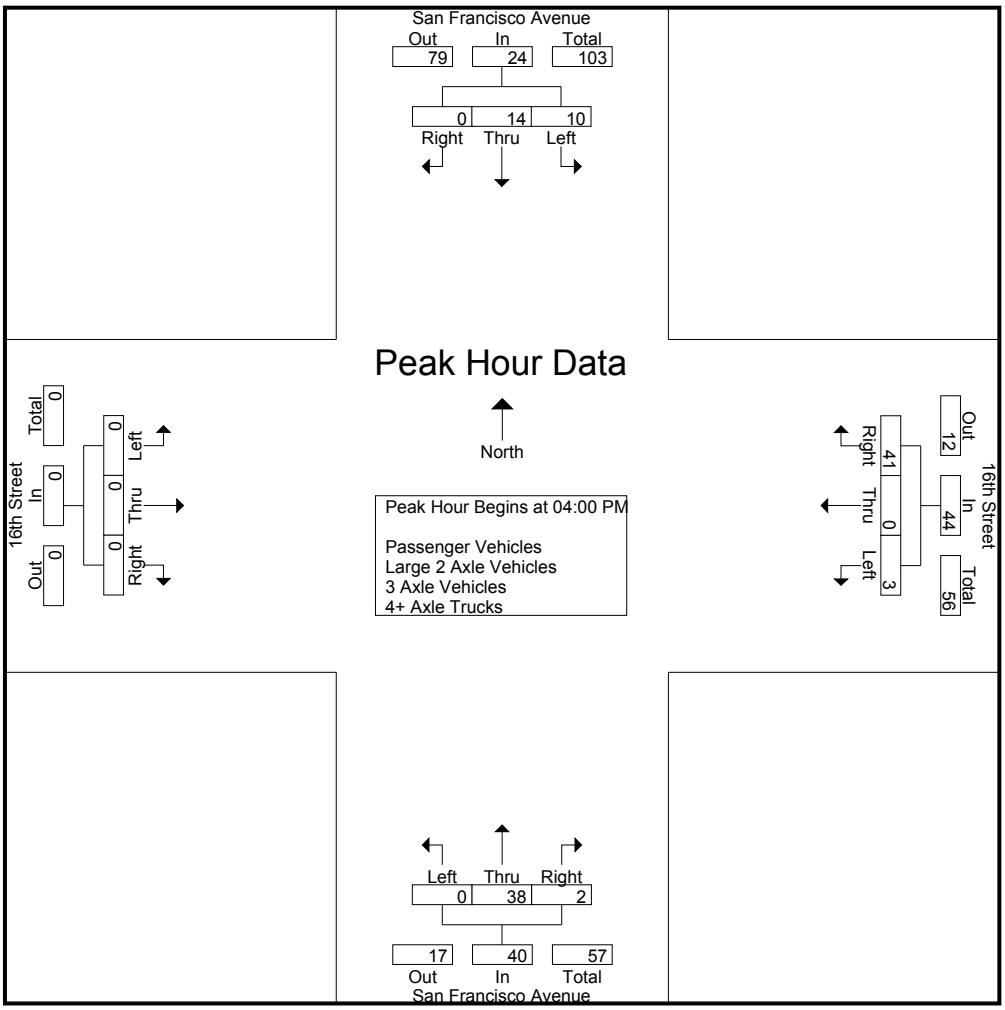
	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	5	2	0	7	1	0	9	10	0	7	0	7	0	0	0	0	24
04:15 PM	1	6	0	7	1	0	8	9	0	9	1	10	0	0	0	0	26
04:30 PM	3	3	0	6	0	0	15	15	0	18	1	19	0	0	0	0	40
04:45 PM	1	3	0	4	1	0	9	10	0	4	0	4	0	0	0	0	18
Total	10	14	0	24	3	0	41	44	0	38	2	40	0	0	0	0	108
05:00 PM	1	1	0	2	1	0	10	11	0	10	0	10	0	0	0	0	23
05:15 PM	0	2	0	2	0	0	6	6	0	10	1	11	0	0	0	0	19
05:30 PM	2	0	0	2	0	0	4	4	0	5	0	5	0	0	0	0	11
05:45 PM	2	5	0	7	1	0	2	3	0	7	0	7	0	0	0	0	17
Total	5	8	0	13	2	0	22	24	0	32	1	33	0	0	0	0	70
Grand Total	15	22	0	37	5	0	63	68	0	70	3	73	0	0	0	0	178
Apprch %	40.5	59.5	0		7.4	0	92.6		0	95.9	4.1		0	0	0		
Total %	8.4	12.4	0	20.8	2.8	0	35.4	38.2	0	39.3	1.7	41	0	0	0	0	
Passenger Vehicles	11	22	0	33	5	0	62	67	0	63	3	66	0	0	0	0	166
% Passenger Vehicles	73.3	100	0	89.2	100	0	98.4	98.5	0	90	100	90.4	0	0	0	0	93.3
Large 2 Axle Vehicles	1	0	0	1	0	0	1	1	0	4	0	4	0	0	0	0	6
% Large 2 Axle Vehicles	6.7	0	0	2.7	0	0	1.6	1.5	0	5.7	0	5.5	0	0	0	0	3.4
3 Axle Vehicles	2	0	0	2	0	0	0	0	0	3	0	3	0	0	0	0	5
% 3 Axle Vehicles	13.3	0	0	5.4	0	0	0	0	0	4.3	0	4.1	0	0	0	0	2.8
4+ Axle Trucks	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% 4+ Axle Trucks	6.7	0	0	2.7	0	0	0	0	0	0	0	0	0	0	0	0	0.6

	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	**5**	2	0	**7**	**1**	0	9	10	0	7	0	7	0	0	0	0	24
04:15 PM	1	**6**	0	7	1	0	8	9	0	9	**1**	10	0	0	0	0	26
04:30 PM	3	3	0	6	0	0	**15**	**15**	0	**18**	1	**19**	0	0	0	0	**40**
04:45 PM	1	3	0	4	1	0	9	10	0	4	0	4	0	0	0	0	18
Total Volume	10	14	0	24	3	0	41	44	0	38	2	40	0	0	0	0	108
% App. Total	41.7	58.3	0		6.8	0	93.2		0	95	5		0	0	0		
PHF	.500	.583	.000	.857	.750	.000	.683	.733	.000	.528	.500	.526	.000	.000	.000	.000	.675

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:15 PM				04:30 PM				04:00 PM			
+0 mins.	**5**	2	0	**7**	**1**	0	8	9	0	**18**	**1**	**19**	0	0	0	0
+15 mins.	1	**6**	0	7	0	0	**15**	**15**	0	4	0	4	0	0	0	0
+30 mins.	3	3	0	6	1	0	9	10	0	10	0	10	0	0	0	0
+45 mins.	1	3	0	4	1	0	10	11	0	10	1	11	0	0	0	0
Total Volume	10	14	0	24	3	0	42	45	0	42	2	44	0	0	0	0
% App. Total	41.7	58.3	0		6.7	0	93.3		0	95.5	4.5		0	0	0	
PHF	.500	.583	.000	.857	.750	.000	.700	.750	.000	.583	.500	.579	.000	.000	.000	.000

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- Large 2 Axle Vehicles

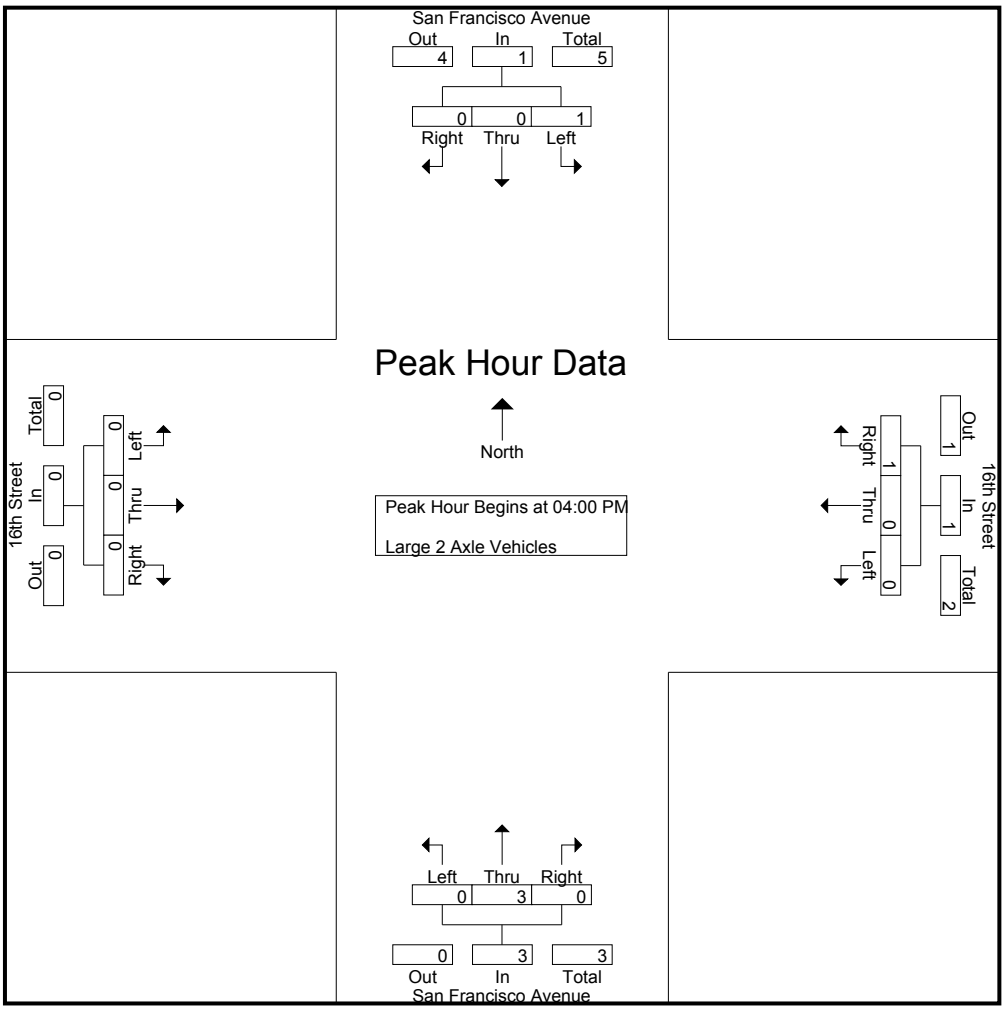
	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	2
04:15 PM	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	1	1	0	3	0	3	0	0	0	0	5
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Grand Total	1	0	0	1	0	0	1	1	0	4	0	4	0	0	0	0	6
Apprch %	100	0	0		0	0	100		0	100	0		0	0	0		
Total %	16.7	0	0	16.7	0	0	16.7	16.7	0	66.7	0	66.7	0	0	0	0	

	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	**1**	**1**	0	**1**	0	**1**	0	0	0	0	**2**
04:15 PM	**1**	0	0	**1**	0	0	0	0	0	1	0	1	0	0	0	0	2
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	0	0	1	1	0	3	0	3	0	0	0	0	5
% App. Total	100	0	0		0	0	100		0	100	0		0	0	0		
PHF	.250	.000	.000	.250	.000	.000	.250	.250	.000	.750	.000	.750	.000	.000	.000	.000	.625

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	0	0	0	0	**1**	**1**	0	**1**	0	**1**	0	0	0	0
+15 mins.	**1**	0	0	**1**	0	0	0	0	0	1	0	1	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	0	0	1	1	0	3	0	3	0	0	0	0
% App. Total	100	0	0		0	0	100		0	100	0		0	0	0	
PHF	.250	.000	.000	.250	.000	.000	.250	.250	.000	.750	.000	.750	.000	.000	.000	.000

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 3 Axle Vehicles

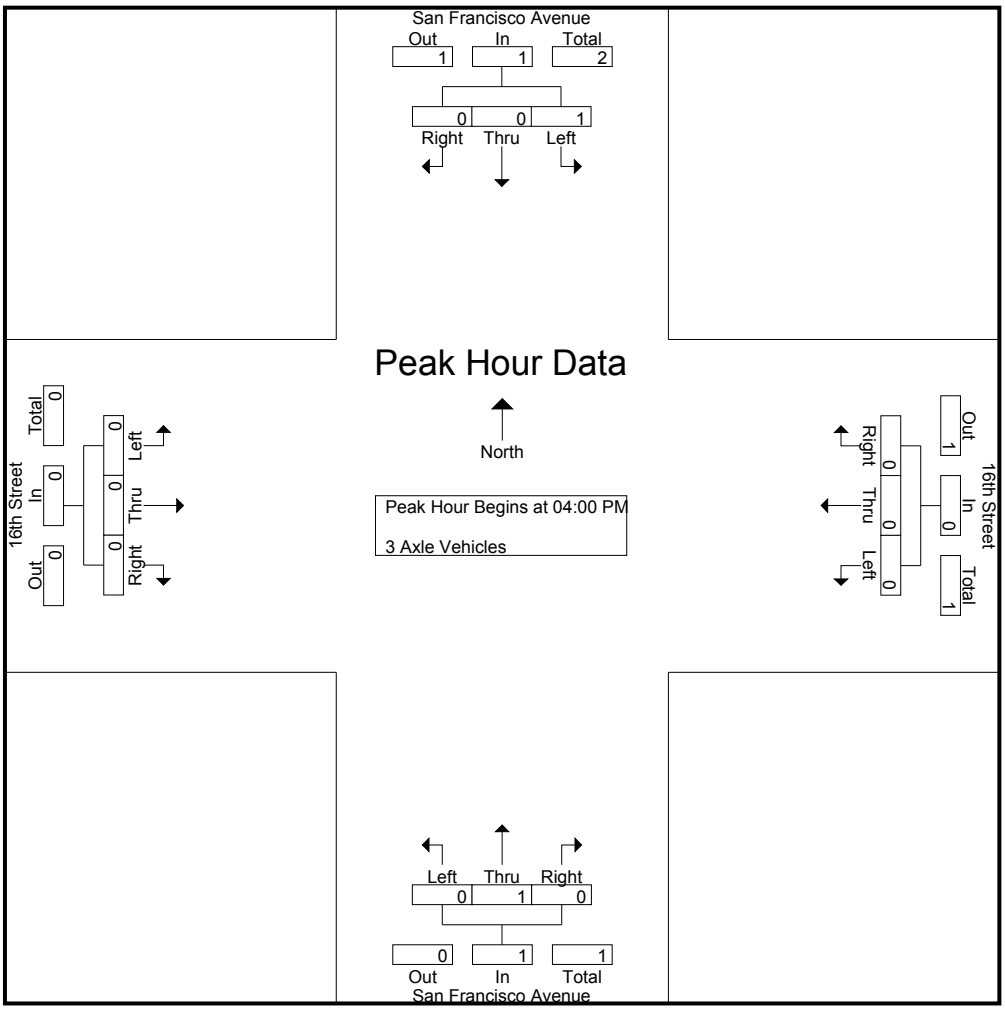
	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
05:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3
Grand Total	2	0	0	2	0	0	0	0	0	3	0	3	0	0	0	0	5
Apprch %	100	0	0		0	0	0		0	100	0		0	0	0		
Total %	40	0	0	40	0	0	0	0	0	60	0	60	0	0	0	0	

	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	**1**	0	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0	**1**
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	**1**	0	**1**	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2
% App. Total	100	0	0		0	0	0		0	100	0		0	0	0		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000	.500

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	**1**	0	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	**1**	0	**1**	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
% App. Total	100	0	0		0	0	0		0	100	0		0	0	0	
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.250	.000	.250	.000	.000	.000	.000

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 1

Groups Printed- 4+ Axle Trucks

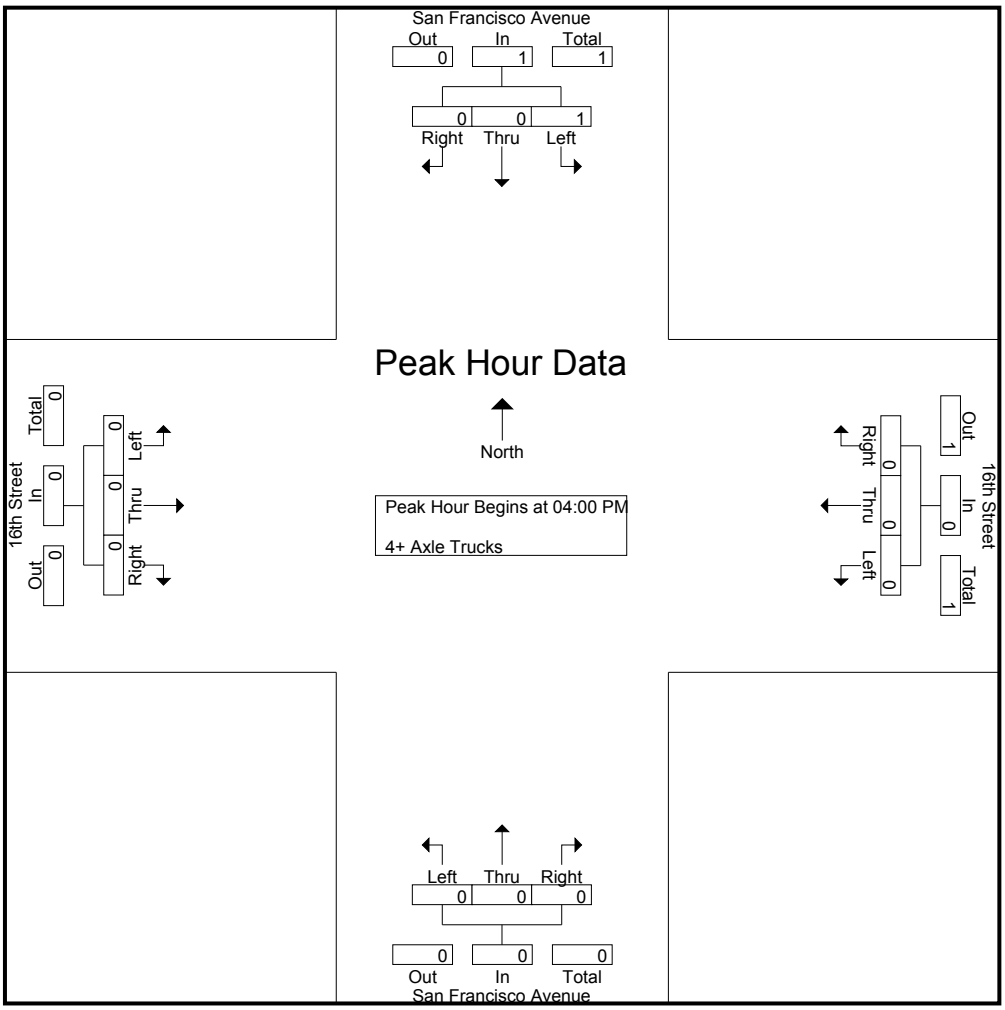
	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Apprch %	100	0	0		0	0	0		0	0	0		0	0	0		
Total %	100	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	

	San Francisco Avenue Southbound				16th Street Westbound				San Francisco Avenue Northbound				16th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 04:00 PM																	
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	**1**	0	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0	**1**
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% App. Total	100	0	0		0	0	0		0	0	0		0	0	0		
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Long Beach
N/S: San Francisco Avenue
E/W: 16th Street
Weather: Clear

File Name : 03_LBC_San Francisco_16th St PM
Site Code : 05118661
Start Date : 9/11/2018
Page No : 2



Peak Hour Analysis From 04:00 PM to 04:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:00 PM				04:00 PM				04:00 PM			
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	**1**	0	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	100	0	0		0	0	0		0	0	0		0	0	0	
PHF	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Location: Ontario
N/S: Grove Avenue
E/W: Merrill Avenue

Date: 4/12/2018
Day: Wednesday

PEDESTRIANS

	North Leg Grove Avenue	East Leg Merrill Avenue	South Leg Grove Avenue	West Leg Merrill Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	0	1	1
7:15 AM	0	0	0	0	0
7:30 AM	0	0	0	1	1
7:45 AM	0	0	0	1	1
8:00 AM	1	1	1	1	4
8:15 AM	0	1	0	2	3
8:30 AM	0	0	0	2	2
8:45 AM	0	0	0	0	0
TOTAL VOLUMES:	1	2	1	8	12

	North Leg Grove Avenue	East Leg Merrill Avenue	South Leg Grove Avenue	West Leg Merrill Avenue	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
4:00 PM	1	0	0	0	1
4:15 PM	0	0	0	0	0
4:30 PM	0	0	0	1	1
4:45 PM	0	1	0	0	1
5:00 PM	1	0	0	0	1
5:15 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0
5:45 PM	0	0	0	0	0
TOTAL VOLUMES:	2	1	0	1	4

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Location: Ontario
N/S: Grove Avenue
E/W: Merrill Avenue

Date: 4/12/2018
Day: Wednesday

BICYCLES

	Southbound Grove Avenue			Westbound Merrill Avenue			Northbound Grove Avenue			Eastbound Merrill Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	0	0	0	0	0	0	2	0	0	0	0	2

	Southbound Grove Avenue			Westbound Merrill Avenue			Northbound Grove Avenue			Eastbound Merrill Avenue			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
4:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES:	0	2	0	0	0	1	0	0	0	0	0	0	3

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
951-268-6268

Counts Unlimited, Inc.

PO Box 1178
Corona, CA 92878
Phone: (951) 268-6268
email: counts@countsunlimited.com

City of Long Beach
San Francisco Avenue
N/ 16th Street
24 Hour Directional Classification Count

LBC001
Site Code: 051-18661

Northbound, Southbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
09/11/18	**4**	7	2	0	1	0	0	0	0	0	0	0	0	14
01:00	1	10	3	0	4	0	0	1	0	0	0	0	0	19
02:00	0	6	1	0	2	0	0	0	0	0	0	0	0	9
03:00	0	1	2	1	0	0	0	0	0	0	0	0	0	4
04:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
05:00	0	14	6	0	1	0	0	0	0	0	0	0	0	21
06:00	0	19	9	1	**18**	1	0	**2**	**1**	0	0	0	0	51
07:00	0	19	**18**	0	9	2	0	0	0	0	0	0	0	48
08:00	1	26	17	0	16	**3**	0	0	0	**1**	0	0	0	**64**
09:00	2	27	17	0	5	1	0	0	1	0	0	0	0	53
10:00	4	27	15	**2**	14	1	0	0	0	0	0	0	0	63
11:00	2	**29**	16	2	11	1	0	1	0	0	0	0	0	62
12 PM	3	34	21	**3**	8	1	0	0	0	0	0	0	0	70
13:00	4	30	12	0	**10**	**5**	0	**1**	0	0	0	0	0	62
14:00	1	34	17	2	8	1	0	0	0	0	0	0	0	63
15:00	0	38	12	0	10	0	0	0	**1**	**1**	0	0	0	62
16:00	1	**70**	**29**	0	8	0	0	1	0	1	0	0	0	**110**
17:00	0	42	21	1	7	1	0	0	0	0	0	0	0	72
18:00	3	32	7	0	1	0	0	0	0	0	0	0	0	43
19:00	2	22	11	0	3	0	0	0	0	0	0	0	0	38
20:00	4	10	3	0	1	0	0	0	0	0	0	0	0	18
21:00	1	20	3	0	0	1	0	0	0	0	0	0	0	25
22:00	**6**	7	1	0	3	0	0	0	0	0	0	0	0	17
23:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9
Total	39	538	246	12	141	18	0	6	3	3	0	0	0	1006
Percent	3.9%	53.5%	24.5%	1.2%	14.0%	1.8%	0.0%	0.6%	0.3%	0.3%	0.0%	0.0%	0.0%	
AM Peak	00:00	11:00	07:00	10:00	06:00	08:00		06:00	06:00	08:00				08:00
Vol.	4	29	18	2	18	3		2	1	1				64
PM Peak	22:00	16:00	16:00	12:00	13:00	13:00		13:00	15:00	15:00				16:00
Vol.	6	70	29	3	10	5		1	1	1				110
Grand Total	39	538	246	12	141	18	0	6	3	3	0	0	0	1006
Percent	3.9%	53.5%	24.5%	1.2%	14.0%	1.8%	0.0%	0.6%	0.3%	0.3%	0.0%	0.0%	0.0%	

This Page Intentionally Left Blank

APPENDIX 3.2:

EXISTING (2018) CONDITIONS INTERSECTION OPERATIONS ANALYSIS

This Page Intentionally Left Blank

San Francisco Warehouse (JN 11853)
Existing (2018)
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Golden Av/San Francisco Av & Pacific Coast Hwy

Cycle (sec):	100	Critical Vol./Cap.(X):	0.522
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	35	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 2	1 0	1	0 2 1 0
Volume Module:												
Base Vol:	31	1	14	27	2	71	12	1087	63	10	1635	18
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	31	1	14	27	2	71	12	1087	63	10	1635	18
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	31	1	14	27	2	71	12	1087	63	10	1635	18
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	31	1	14	27	2	71	12	1087	63	10	1635	18
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00	1.00	0.90	1.00
FinalVolume:	31	1	14	27	2	71	12	978	63	10	1472	18
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	1.00	1.00	0.93	1.00
Lanes:	0.97	0.03	1.00	0.27	0.02	0.71	1.00	2.82	0.18	1.00	2.96	0.04
Final Sat.:	1550	50	1600	432	32	1136	1600	4190	290	1600	4422	58
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.01	0.02	0.06	0.06	0.01	0.23	0.22	0.01	0.33	0.31
Crit Moves:	****				****		****				****	

Traffix 8.0.0715 (c) 2008 Dowling Assoc. Licensed to URBAN CROSSROADS, IRVINE

Intersection	
Intersection Delay, s/veh	7.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	4	9	55	7	7	48
Future Vol, veh/h	4	9	55	7	7	48
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	5	12	71	9	9	62
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Righ	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay	6.8	7.7	6.9
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	13%	0%	89%
Vol Thru, %	0%	31%	11%
Vol Right, %	87%	69%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	55	13	62
LT Vol	7	0	55
Through Vol	0	4	7
RT Vol	48	9	0
Lane Flow Rate	71	17	81
Geometry Grp	1	1	1
Degree of Util (X)	0.071	0.017	0.094
Departure Headway (Hd)	3.57	3.67	4.215
Convergence, Y/N	Yes	Yes	Yes
Cap	996	972	852
Service Time	1.617	1.705	2.232
HCM Lane V/C Ratio	0.071	0.017	0.095
HCM Control Delay	6.9	6.8	7.7
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.2	0.1	0.3

Intersection	
Int Delay, s/veh	3.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	4	0	4	7	7	1	24	0	15	32	2
Future Vol, veh/h	0	4	0	4	7	7	1	24	0	15	32	2
Conflicting Peds, #/hr	0	0	1	0	0	1	0	0	2	0	0	6
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	74	74	74	74	74	74	74	74	74	74	74	74
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	5	0	5	9	9	1	32	0	20	43	3

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	135	127	52	124	128	35	52	0	0	34	0	0
Stage 1	91	91	-	36	36	-	-	-	-	-	-	-
Stage 2	44	36	-	88	92	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	841	767	1021	855	766	1044	1567	-	-	1591	-	-
Stage 1	921	823	-	985	869	-	-	-	-	-	-	-
Stage 2	975	869	-	925	823	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	811	750	1014	839	749	1041	1558	-	-	1588	-	-
Mov Cap-2 Maneuver	811	750	-	839	749	-	-	-	-	-	-	-
Stage 1	915	807	-	982	866	-	-	-	-	-	-	-
Stage 2	954	866	-	906	807	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	9.8	9.3	0.3	2.2
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1558	-	-	750	864	1588	-	-
HCM Lane V/C Ratio	0.001	-	-	0.007	0.028	0.013	-	-
HCM Control Delay (s)	7.3	0	-	9.8	9.3	7.3	0	-
HCM Lane LOS	A	A	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0	0.1	0	-	-

San Francisco Warehouse (JN 11853)
Existing (2018)
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Golden Av/San Francisco Av & Pacific Coast Hwy

Cycle (sec):	100	Critical Vol./Cap.(X):	0.564
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	37	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 2	1 0	1	0 2 1 0
Volume Module:												
Base Vol:	100	1	25	16	0	53	55	1728	38	3	978	27
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	100	1	25	16	0	53	55	1728	38	3	978	27
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	100	1	25	16	0	53	55	1728	38	3	978	27
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	100	1	25	16	0	53	55	1728	38	3	978	27
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00	1.00	0.90	1.00
FinalVolume:	100	1	25	16	0	53	55	1555	38	3	880	27
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	1.00	1.00	0.93	1.00
Lanes:	0.99	0.01	1.00	0.23	0.00	0.77	1.00	2.93	0.07	1.00	2.91	0.09
Final Sat.:	1584	16	1600	371	0	1229	1600	4366	114	1600	4337	143
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.02	0.01	0.00	0.04	0.03	0.36	0.33	0.00	0.20	0.19
Crit Moves:	****					****		****		****		

Traffix 8.0.0715 (c) 2008 Dowling Assoc. Licensed to URBAN CROSSROADS, IRVINE

Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	4	10	28	15	39	138
Future Vol, veh/h	4	10	28	15	39	138
Peak Hour Factor	0.67	0.67	0.67	0.67	0.67	0.67
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	6	15	42	22	58	206
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Righ	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.2	8	8
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	22%	0%	65%
Vol Thru, %	0%	29%	35%
Vol Right, %	78%	71%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	177	14	43
LT Vol	39	0	28
Through Vol	0	4	15
RT Vol	138	10	0
Lane Flow Rate	264	21	64
Geometry Grp	1	1	1
Degree of Util (X)	0.266	0.023	0.08
Departure Headway (Hd)	3.623	3.986	4.512
Convergence, Y/N	Yes	Yes	Yes
Cap	983	885	787
Service Time	1.676	2.069	2.577
HCM Lane V/C Ratio	0.269	0.024	0.081
HCM Control Delay	8	7.2	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.1	0.1	0.3

Intersection	
Int Delay, s/veh	4.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	0	3	0	42	0	41	2	14	14	0
Future Vol, veh/h	0	0	0	3	0	42	0	41	2	14	14	0
Conflicting Peds, #/hr	0	0	0	0	0	1	0	0	1	0	0	1
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	68	68	68	68	68	68	68	68	68	68	68	68
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	0	0	4	0	62	0	60	3	21	21	0

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	158	128	22	126	127	64	22	0	0	64	0	0
Stage 1	64	64	-	63	63	-	-	-	-	-	-	-
Stage 2	94	64	-	63	64	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	813	766	1061	852	767	1006	1607	-	-	1551	-	-
Stage 1	952	846	-	953	846	-	-	-	-	-	-	-
Stage 2	918	846	-	953	846	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	754	754	1060	842	755	1004	1605	-	-	1550	-	-
Mov Cap-2 Maneuver	754	754	-	842	755	-	-	-	-	-	-	-
Stage 1	951	833	-	952	845	-	-	-	-	-	-	-
Stage 2	861	845	-	940	833	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	8.9	0	3.7
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1605	-	-	-	991	1550	-	-
HCM Lane V/C Ratio	-	-	-	-	0.067	0.013	-	-
HCM Control Delay (s)	0	-	-	0	8.9	7.4	0	-
HCM Lane LOS	A	-	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0	-	-

APPENDIX 3.3:

EXISTING (2018) TRAFFIC SIGNAL WARRANT ANALYSIS

This Page Intentionally Left Blank

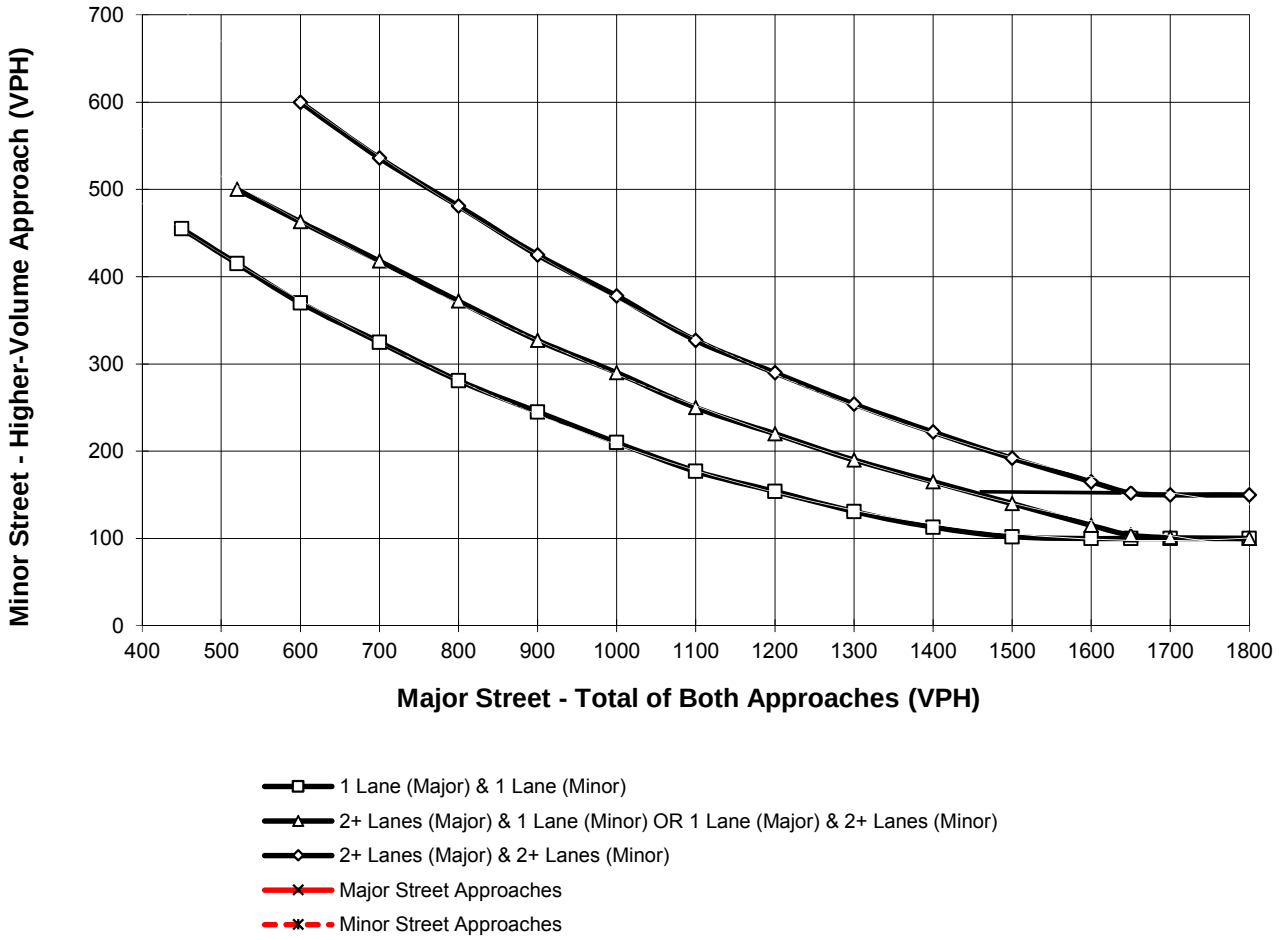
Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = **Existing (2018) Conditions - Weekday AM Peak Hour**

Major Street Name = **Frontage Rd./Driveway** Total of Both Approaches (VPH) = **75**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **San Francisco Av.** High Volume Approach (VPH) = **55**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

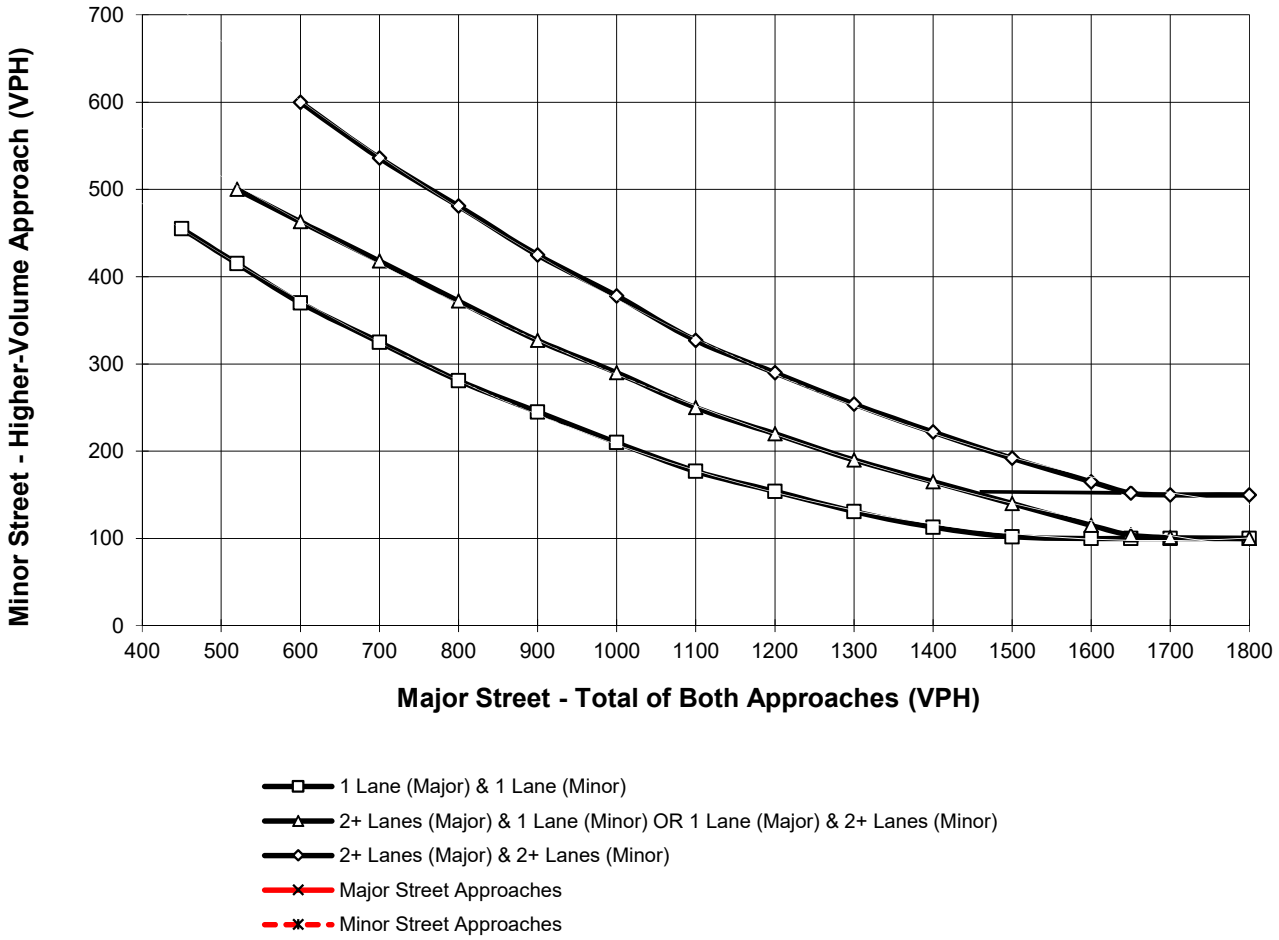
Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = **Existing (2018) Conditions - Weekday PM Peak Hour**

Major Street Name = **San Francisco Av.**
Total of Both Approaches (VPH) = **74**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **16th St.**
High Volume Approach (VPH) = **18**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

APPENDIX 5.1:

E+P CONDITIONS INTERSECTION OPERATIONS ANALYSIS

This Page Intentionally Left Blank

San Francisco Warehouse (JN 11853)
E+P
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Golden Av/San Francisco Av & Pacific Coast Hwy

Cycle (sec):	100	Critical Vol./Cap.(X):	0.526
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	35	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 2	1 0	1	0 2 1 0
Volume Module:												
Base Vol:	31	1	14	27	2	71	12	1087	63	10	1635	18
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	31	1	14	27	2	71	12	1087	63	10	1635	18
Added Vol:	6	0	3	0	0	0	0	0	43	19	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	37	1	17	27	2	71	12	1087	106	29	1635	18
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	37	1	17	27	2	71	12	1087	106	29	1635	18
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	37	1	17	27	2	71	12	1087	106	29	1635	18
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00	1.00	0.90	1.00
FinalVolume:	37	1	17	27	2	71	12	978	106	29	1472	18
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	1.00	1.00	0.93	1.00
Lanes:	0.97	0.03	1.00	0.27	0.02	0.71	1.00	2.71	0.29	1.00	2.96	0.04
Final Sat.:	1558	42	1600	432	32	1136	1600	4011	469	1600	4422	58
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.01	0.02	0.06	0.06	0.01	0.24	0.23	0.02	0.33	0.31
Crit Moves:	****				****		****				****	

Traffix 8.0.0715 (c) 2008 Dowling Assoc. Licensed to URBAN CROSSROADS, IRVINE

Intersection	
Intersection Delay, s/veh	7.8
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	4	9	118	7	7	56
Future Vol, veh/h	4	9	118	7	7	56
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	5	12	153	9	9	73
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Righ	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay	6.9	8.3	7.1
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	11%	0%	94%
Vol Thru, %	0%	31%	6%
Vol Right, %	89%	69%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	63	13	125
LT Vol	7	0	118
Through Vol	0	4	7
RT Vol	56	9	0
Lane Flow Rate	82	17	162
Geometry Grp	1	1	1
Degree of Util (X)	0.084	0.018	0.191
Departure Headway (Hd)	3.697	3.752	4.246
Convergence, Y/N	Yes	Yes	Yes
Cap	951	944	846
Service Time	1.793	1.815	2.27
HCM Lane V/C Ratio	0.086	0.018	0.191
HCM Control Delay	7.1	6.9	8.3
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.3	0.1	0.7

Intersection	
Int Delay, s/veh	2.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	0	18	0	7	0	32	2	15	95	0
Future Vol, veh/h	0	0	0	18	0	7	0	32	2	15	95	0
Conflicting Peds, #/hr	0	0	1	0	0	1	0	0	2	0	0	6
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	74	74	74	74	74	74	74	74	74	74	74	74
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	0	0	24	0	9	0	43	3	20	128	0

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	224	222	135	216	221	48	134	0	0	48	0	0
Stage 1	174	174	-	47	47	-	-	-	-	-	-	-
Stage 2	50	48	-	169	174	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	736	680	919	745	681	1027	1463	-	-	1572	-	-
Stage 1	833	759	-	972	860	-	-	-	-	-	-	-
Stage 2	968	859	-	838	759	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	717	665	913	735	666	1024	1455	-	-	1569	-	-
Mov Cap-2 Maneuver	717	665	-	735	666	-	-	-	-	-	-	-
Stage 1	828	744	-	970	858	-	-	-	-	-	-	-
Stage 2	958	857	-	825	744	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	9.7	0	1
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1455	-	-	-	798	1569	-	-
HCM Lane V/C Ratio	-	-	-	-	0.042	0.013	-	-
HCM Control Delay (s)	0	-	-	0	9.7	7.3	0	-
HCM Lane LOS	A	-	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	-	0.1	0	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	0	0	25	36	77
Future Vol, veh/h	10	0	0	25	36	77
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	11	0	0	27	39	84

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	108	81	123	0	-	0
Stage 1	81	-	-	-	-	-
Stage 2	27	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	894	985	1477	-	-	-
Stage 1	947	-	-	-	-	-
Stage 2	1001	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	894	985	1477	-	-	-
Mov Cap-2 Maneuver	894	-	-	-	-	-
Stage 1	947	-	-	-	-	-
Stage 2	1001	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.1	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1477	-	894	-	-
HCM Lane V/C Ratio	-	-	0.012	-	-
HCM Control Delay (s)	0	-	9.1	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	0	-	-

San Francisco Warehouse (JN 11853)
E+P
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Golden Av/San Francisco Av & Pacific Coast Hwy

Cycle (sec):	100	Critical Vol./Cap.(X):	0.591
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	39	Level Of Service:	A

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	-	R	L	- T	-	R	L	- T	-	R	L	- T	-	R
Control:	Permitted				Permitted				Protected				Protected			
Rights:	Include				Include				Include				Include			
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	0	1!	0	0	1	0	2	1	0	1
Volume Module:																
Base Vol:	100	1	25	16	0	53	55	1728	38	3	978	27				
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
Initial Bse:	100	1	25	16	0	53	55	1728	38	3	978	27				
Added Vol:	39	0	17	0	0	0	0	0	6	3	0	0				
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0				
Initial Fut:	139	1	42	16	0	53	55	1728	44	6	978	27				
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Volume:	139	1	42	16	0	53	55	1728	44	6	978	27				
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
Reduced Vol:	139	1	42	16	0	53	55	1728	44	6	978	27				
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00	1.00	0.90	1.00				
FinalVolume:	139	1	42	16	0	53	55	1555	44	6	880	27				
Saturation Flow Module:																
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600				
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	1.00	1.00	0.93	1.00				
Lanes:	0.99	0.01	1.00	0.23	0.00	0.77	1.00	2.92	0.08	1.00	2.91	0.09				
Final Sat.:	1589	11	1600	371	0	1229	1600	4348	132	1600	4337	143				
Capacity Analysis Module:																
Vol/Sat:	0.09	0.09	0.03	0.01	0.00	0.04	0.03	0.36	0.33	0.00	0.20	0.19				
Crit Moves:	****					****		****		****						

Traffix 8.0.0715 (c) 2008 Dowling Assoc. Licensed to URBAN CROSSROADS, IRVINE

Intersection	
Intersection Delay, s/veh	8.5
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	4	10	36	15	39	194
Future Vol, veh/h	4	10	36	15	39	194
Peak Hour Factor	0.67	0.67	0.67	0.67	0.67	0.67
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	6	15	54	22	58	290
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Righ	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.4	8.3	8.6
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	17%	0%	71%
Vol Thru, %	0%	29%	29%
Vol Right, %	83%	71%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	233	14	51
LT Vol	39	0	36
Through Vol	0	4	15
RT Vol	194	10	0
Lane Flow Rate	348	21	76
Geometry Grp	1	1	1
Degree of Util (X)	0.348	0.025	0.099
Departure Headway (Hd)	3.602	4.252	4.67
Convergence, Y/N	Yes	Yes	Yes
Cap	984	847	759
Service Time	1.673	2.252	2.753
HCM Lane V/C Ratio	0.354	0.025	0.1
HCM Control Delay	8.6	7.4	8.3
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.6	0.1	0.3

Intersection	
Int Delay, s/veh	2.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	0	5	0	42	0	97	15	14	22	0
Future Vol, veh/h	0	0	0	5	0	42	0	97	15	14	22	0
Conflicting Peds, #/hr	0	0	0	0	0	1	0	0	1	0	0	1
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	68	68	68	68	68	68	68	68	68	68	68	68
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	0	0	7	0	62	0	143	22	21	32	0

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	261	241	33	229	230	156	33	0	0	166	0	0
Stage 1	75	75	-	155	155	-	-	-	-	-	-	-
Stage 2	186	166	-	74	75	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	696	664	1046	730	673	895	1592	-	-	1424	-	-
Stage 1	939	836	-	852	773	-	-	-	-	-	-	-
Stage 2	820	765	-	940	836	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	639	653	1045	721	662	893	1590	-	-	1423	-	-
Mov Cap-2 Maneuver	639	653	-	721	662	-	-	-	-	-	-	-
Stage 1	938	823	-	851	772	-	-	-	-	-	-	-
Stage 2	763	764	-	926	823	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	9.5	0	2.9
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1590	-	-	-	871	1423	-	-
HCM Lane V/C Ratio	-	-	-	-	0.079	0.014	-	-
HCM Control Delay (s)	0	-	-	0	9.5	7.6	0	-
HCM Lane LOS	A	-	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	-	0.3	0	-	-

Intersection	
Int Delay, s/veh	4.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	69	0	0	43	17	10
Future Vol, veh/h	69	0	0	43	17	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	75	0	0	47	18	11

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	71	24	29	0	-	0
Stage 1	24	-	-	-	-	-
Stage 2	47	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	938	1058	1597	-	-	-
Stage 1	1004	-	-	-	-	-
Stage 2	981	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	938	1058	1597	-	-	-
Mov Cap-2 Maneuver	938	-	-	-	-	-
Stage 1	1004	-	-	-	-	-
Stage 2	981	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.2	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1597	-	938	-	-
HCM Lane V/C Ratio	-	-	0.08	-	-
HCM Control Delay (s)	0	-	9.2	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

APPENDIX 5.2:

E+P CONDITIONS TRAFFIC SIGNAL WARRANT ANALYSIS

This Page Intentionally Left Blank

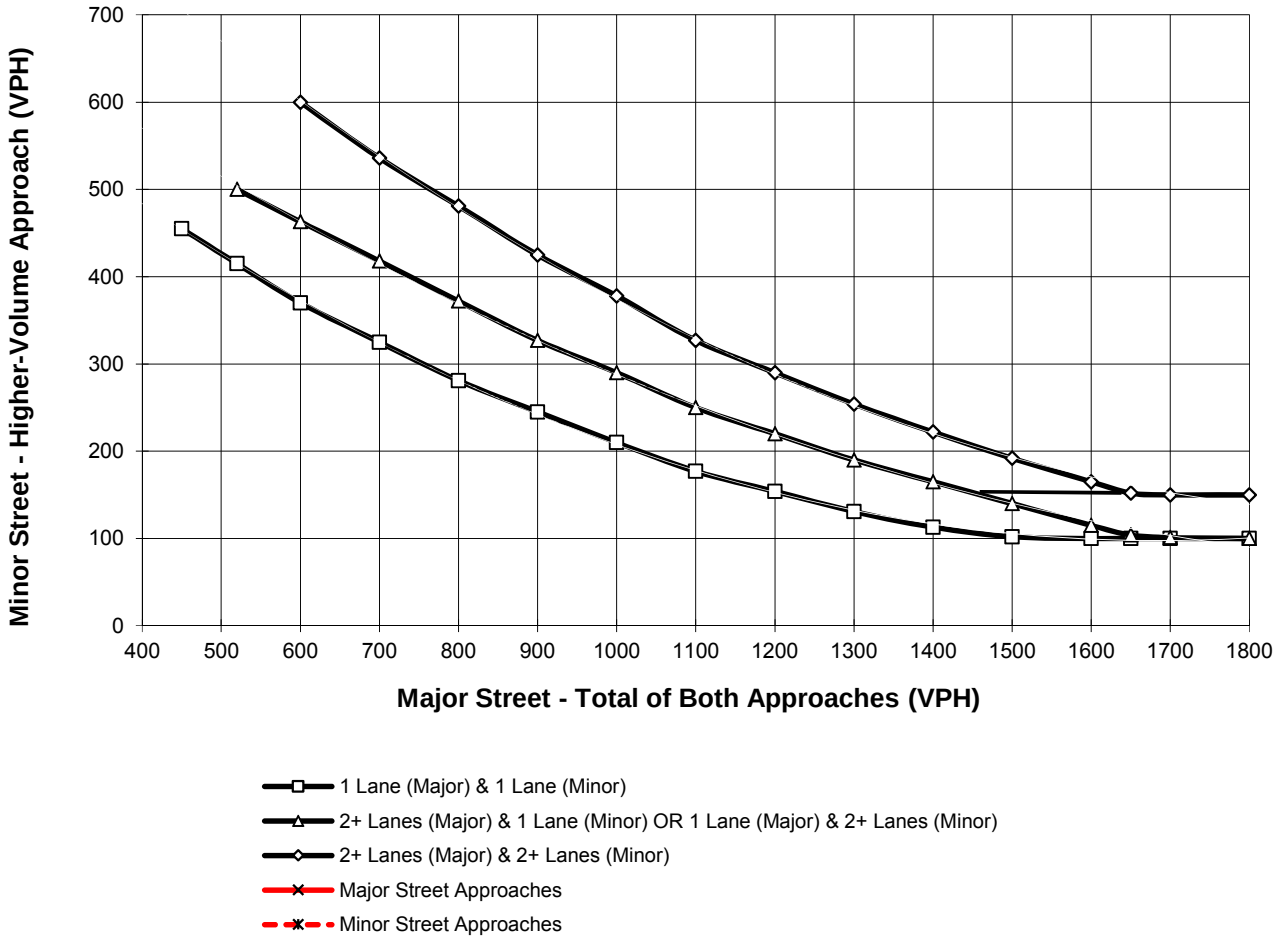
Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = **E+P Conditions - Weekday AM Peak Hour**

Major Street Name = **Frontage Rd./Driveway** Total of Both Approaches (VPH) = **138**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **San Francisco Av.** High Volume Approach (VPH) = **63**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

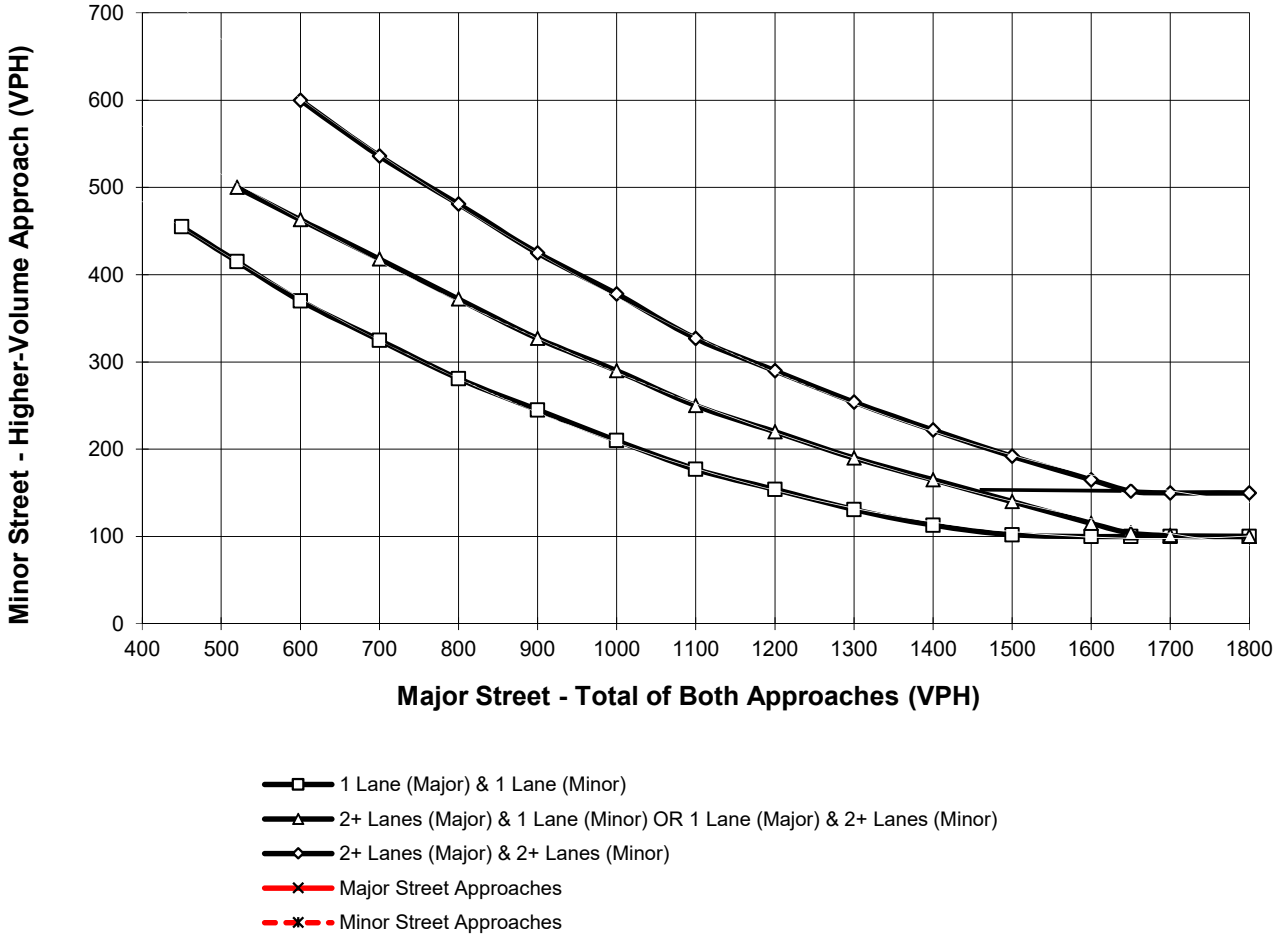
Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = **E+P Conditions - Weekday PM Peak Hour**

Major Street Name = **San Francisco Av.**
Total of Both Approaches (VPH) = **147**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **16th St.**
High Volume Approach (VPH) = **32**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

APPENDIX 6.1:

OPENING YEAR CUMULATIVE (2020) WITHOUT PROJECT CONDITIONS INTERSECTION OPERATIONS ANALYSIS

This Page Intentionally Left Blank

San Francisco Warehouse (JN 11853)
Opening Year Cumulative (2020) Without Project
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Golden Av/San Francisco Av & Pacific Coast Hwy

Cycle (sec):	100	Critical Vol./Cap.(X):	0.546
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	36	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 1	0	0 1	0	0	1! 0	0	1	0 2	1 0	1	0 2 1 0
Volume Module:												
Base Vol:	32	1	14	27	2	73	12	1190	64	10	1744	19
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	32	1	14	27	2	73	12	1190	64	10	1744	19
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	32	1	14	27	2	73	12	1190	64	10	1744	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	32	1	14	27	2	73	12	1190	64	10	1744	19
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00	1.00	0.90	1.00
FinalVolume:	32	1	14	27	2	73	12	1071	64	10	1570	19
Saturation Flow Module:												
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	1.00	1.00	0.93	1.00
Lanes:	0.97	0.03	1.00	0.26	0.02	0.72	1.00	2.83	0.17	1.00	2.96	0.04
Final Sat.:	1552	48	1600	424	31	1145	1600	4209	271	1600	4423	57
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.01	0.02	0.06	0.06	0.01	0.25	0.24	0.01	0.35	0.33
Crit Moves:	****				****		****				****	

Traffix 8.0.0715 (c) 2008 Dowling Assoc. Licensed to URBAN CROSSROADS, IRVINE

Intersection	
Intersection Delay, s/veh	7.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	4	9	56	7	7	48
Future Vol, veh/h	4	9	56	7	7	48
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	5	12	73	9	9	62
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Righ	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay	6.8	7.7	6.9
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	13%	0%	89%
Vol Thru, %	0%	31%	11%
Vol Right, %	87%	69%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	55	13	63
LT Vol	7	0	56
Through Vol	0	4	7
RT Vol	48	9	0
Lane Flow Rate	71	17	82
Geometry Grp	1	1	1
Degree of Util (X)	0.071	0.017	0.096
Departure Headway (Hd)	3.572	3.671	4.215
Convergence, Y/N	Yes	Yes	Yes
Cap	995	971	852
Service Time	1.621	1.707	2.233
HCM Lane V/C Ratio	0.071	0.018	0.096
HCM Control Delay	6.9	6.8	7.7
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.2	0.1	0.3

Intersection	
Int Delay, s/veh	3.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	4	0	4	7	7	1	24	0	15	32	2
Future Vol, veh/h	0	4	0	4	7	7	1	24	0	15	32	2
Conflicting Peds, #/hr	0	0	1	0	0	1	0	0	2	0	0	6
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	74	74	74	74	74	74	74	74	74	74	74	74
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	5	0	5	9	9	1	32	0	20	43	3

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	135	127	52	124	128	35	52	0	0	34	0	0
Stage 1	91	91	-	36	36	-	-	-	-	-	-	-
Stage 2	44	36	-	88	92	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	841	767	1021	855	766	1044	1567	-	-	1591	-	-
Stage 1	921	823	-	985	869	-	-	-	-	-	-	-
Stage 2	975	869	-	925	823	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	811	750	1014	839	749	1041	1558	-	-	1588	-	-
Mov Cap-2 Maneuver	811	750	-	839	749	-	-	-	-	-	-	-
Stage 1	915	807	-	982	866	-	-	-	-	-	-	-
Stage 2	954	866	-	906	807	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	9.8	9.3	0.3	2.2
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1558	-	-	750	864	1588	-	-
HCM Lane V/C Ratio	0.001	-	-	0.007	0.028	0.013	-	-
HCM Control Delay (s)	7.3	0	-	9.8	9.3	7.3	0	-
HCM Lane LOS	A	A	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	0	0.1	0	-	-

San Francisco Warehouse (JN 11853)
Opening Year Cumulative (2020) Without Project
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Base Volume Alternative)

Intersection #1 Golden Av/San Francisco Av & Pacific Coast Hwy

Cycle (sec):	100	Critical Vol./Cap.(X):	0.595
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	40	Level Of Service:	A

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	-	R	L	- T	-	R	L	- T	-	R	L	- T	-	R
Control:	Permitted				Permitted				Protected				Protected			
Rights:	Include				Include				Include				Include			
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	0	1!	0	0	1	0	2	1	0	1
Volume Module:																
Base Vol:	103	1	26	16	0	55	56	1867	39	3	1089	28				
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
Initial Bse:	103	1	26	16	0	55	56	1867	39	3	1089	28				
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Volume:	103	1	26	16	0	55	56	1867	39	3	1089	28				
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
Reduced Vol:	103	1	26	16	0	55	56	1867	39	3	1089	28				
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00	1.00	0.90	1.00				
FinalVolume:	103	1	26	16	0	55	56	1680	39	3	980	28				
Saturation Flow Module:																
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600				
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	1.00	1.00	0.93	1.00				
Lanes:	0.99	0.01	1.00	0.23	0.00	0.77	1.00	2.93	0.07	1.00	2.92	0.08				
Final Sat.:	1585	15	1600	361	0	1239	1600	4371	109	1600	4347	133				
Capacity Analysis Module:																
Vol/Sat:	0.06	0.06	0.02	0.01	0.00	0.04	0.04	0.38	0.36	0.00	0.23	0.21				
Crit Moves:	****					****		****		****						

Traffix 8.0.0715 (c) 2008 Dowling Assoc. Licensed to URBAN CROSSROADS, IRVINE

Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	4	10	28	15	40	140
Future Vol, veh/h	4	10	28	15	40	140
Peak Hour Factor	0.67	0.67	0.67	0.67	0.67	0.67
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	6	15	42	22	60	209
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Righ	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.2	8	8
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	22%	0%	65%
Vol Thru, %	0%	29%	35%
Vol Right, %	78%	71%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	180	14	43
LT Vol	40	0	28
Through Vol	0	4	15
RT Vol	140	10	0
Lane Flow Rate	269	21	64
Geometry Grp	1	1	1
Degree of Util (X)	0.271	0.023	0.081
Departure Headway (Hd)	3.625	3.994	4.52
Convergence, Y/N	Yes	Yes	Yes
Cap	983	883	786
Service Time	1.679	2.08	2.587
HCM Lane V/C Ratio	0.274	0.024	0.081
HCM Control Delay	8	7.2	8
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.1	0.1	0.3

Intersection	
Int Delay, s/veh	4.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	0	3	0	42	0	41	2	14	14	0
Future Vol, veh/h	0	0	0	3	0	42	0	41	2	14	14	0
Conflicting Peds, #/hr	0	0	0	0	0	1	0	0	1	0	0	1
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	68	68	68	68	68	68	68	68	68	68	68	68
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	0	0	4	0	62	0	60	3	21	21	0

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	158	128	22	126	127	64	22	0	0	64	0	0
Stage 1	64	64	-	63	63	-	-	-	-	-	-	-
Stage 2	94	64	-	63	64	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	813	766	1061	852	767	1006	1607	-	-	1551	-	-
Stage 1	952	846	-	953	846	-	-	-	-	-	-	-
Stage 2	918	846	-	953	846	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	754	754	1060	842	755	1004	1605	-	-	1550	-	-
Mov Cap-2 Maneuver	754	754	-	842	755	-	-	-	-	-	-	-
Stage 1	951	833	-	952	845	-	-	-	-	-	-	-
Stage 2	861	845	-	940	833	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	8.9	0	3.7
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1605	-	-	-	991	1550	-	-
HCM Lane V/C Ratio	-	-	-	-	0.067	0.013	-	-
HCM Control Delay (s)	0	-	-	0	8.9	7.4	0	-
HCM Lane LOS	A	-	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	-	0.2	0	-	-

APPENDIX 6.2:

OPENING YEAR CUMULATIVE (2020) WITH PROJECT CONDITIONS INTERSECTION OPERATIONS ANALYSIS

This Page Intentionally Left Blank

San Francisco Warehouse (JN 11853)
Opening Year Cumulative (2020) With Project
AM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Golden Av/San Francisco Av & Pacific Coast Hwy

Cycle (sec):	100	Critical Vol./Cap.(X):	0.550
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	36	Level Of Service:	A

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	-	R	L	- T	-	R	L	- T	-	R	L	- T	-	R
Control:	Permitted				Permitted				Protected				Protected			
Rights:	Include				Include				Include				Include			
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	0	1!	0	0	1	0	2	1	0	1
Volume Module:																
Base Vol:	32	1	14	27	2	73	12	1190	64	10	1744	19				
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
Initial Bse:	32	1	14	27	2	73	12	1190	64	10	1744	19				
Added Vol:	6	0	3	0	0	0	0	0	43	19	0	0				
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0				
Initial Fut:	38	1	17	27	2	73	12	1190	107	29	1744	19				
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Volume:	38	1	17	27	2	73	12	1190	107	29	1744	19				
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
Reduced Vol:	38	1	17	27	2	73	12	1190	107	29	1744	19				
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00	1.00	0.90	1.00				
FinalVolume:	38	1	17	27	2	73	12	1071	107	29	1570	19				
Saturation Flow Module:																
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600				
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	1.00	1.00	0.93	1.00				
Lanes:	0.97	0.03	1.00	0.26	0.02	0.72	1.00	2.73	0.27	1.00	2.96	0.04				
Final Sat.:	1559	41	1600	424	31	1145	1600	4044	436	1600	4423	57				
Capacity Analysis Module:																
Vol/Sat:	0.02	0.02	0.01	0.02	0.06	0.06	0.01	0.26	0.25	0.02	0.35	0.33				
Crit Moves:	****				****		****				****					

Traffix 8.0.0715 (c) 2008 Dowling Assoc. Licensed to URBAN CROSSROADS, IRVINE

Intersection	
Intersection Delay, s/veh	7.8
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	4	9	119	7	7	56
Future Vol, veh/h	4	9	119	7	7	56
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	5	12	155	9	9	73
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Righ	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay	6.9	8.3	7.1
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	11%	0%	94%
Vol Thru, %	0%	31%	6%
Vol Right, %	89%	69%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	63	13	126
LT Vol	7	0	119
Through Vol	0	4	7
RT Vol	56	9	0
Lane Flow Rate	82	17	164
Geometry Grp	1	1	1
Degree of Util (X)	0.084	0.018	0.193
Departure Headway (Hd)	3.699	3.753	4.246
Convergence, Y/N	Yes	Yes	Yes
Cap	949	944	846
Service Time	1.797	1.816	2.271
HCM Lane V/C Ratio	0.086	0.018	0.194
HCM Control Delay	7.1	6.9	8.3
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.3	0.1	0.7

Intersection	
Int Delay, s/veh	2.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	0	18	0	7	0	32	2	15	95	0
Future Vol, veh/h	0	0	0	18	0	7	0	32	2	15	95	0
Conflicting Peds, #/hr	0	0	1	0	0	1	0	0	2	0	0	6
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	74	74	74	74	74	74	74	74	74	74	74	74
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	0	0	24	0	9	0	43	3	20	128	0

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	224	222	135	216	221	48	134	0	0	48	0	0
Stage 1	174	174	-	47	47	-	-	-	-	-	-	-
Stage 2	50	48	-	169	174	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	736	680	919	745	681	1027	1463	-	-	1572	-	-
Stage 1	833	759	-	972	860	-	-	-	-	-	-	-
Stage 2	968	859	-	838	759	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	717	665	913	735	666	1024	1455	-	-	1569	-	-
Mov Cap-2 Maneuver	717	665	-	735	666	-	-	-	-	-	-	-
Stage 1	828	744	-	970	858	-	-	-	-	-	-	-
Stage 2	958	857	-	825	744	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	9.7	0	1
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1455	-	-	-	798	1569	-	-
HCM Lane V/C Ratio	-	-	-	-	0.042	0.013	-	-
HCM Control Delay (s)	0	-	-	0	9.7	7.3	0	-
HCM Lane LOS	A	-	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	-	0.1	0	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	0	0	25	36	77
Future Vol, veh/h	10	0	0	25	36	77
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	11	0	0	27	39	84

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	108	81	123	0	-	0
Stage 1	81	-	-	-	-	-
Stage 2	27	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	894	985	1477	-	-	-
Stage 1	947	-	-	-	-	-
Stage 2	1001	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	894	985	1477	-	-	-
Mov Cap-2 Maneuver	894	-	-	-	-	-
Stage 1	947	-	-	-	-	-
Stage 2	1001	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.1	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1477	-	894	-	-
HCM Lane V/C Ratio	-	-	0.012	-	-
HCM Control Delay (s)	0	-	9.1	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	0	-	-

San Francisco Warehouse (JN 11853)
Opening Year Cumulative (2020) With Project
PM Peak Hour

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Golden Av/San Francisco Av & Pacific Coast Hwy

Cycle (sec):	100	Critical Vol./Cap.(X):	0.623
Loss Time (sec):	10	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	42	Level Of Service:	B

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	- T	-	R	L	- T	-	R	L	- T	-	R	L	- T	-	R
Control:	Permitted				Permitted				Protected				Protected			
Rights:	Include				Include				Include				Include			
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	1	0	0	1	0	0	1!	0	0	1	0	2	1	0	1
Volume Module:																
Base Vol:	103	1	26	16	0	55	56	1867	39	3	1089	28				
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
Initial Bse:	103	1	26	16	0	55	56	1867	39	3	1089	28				
Added Vol:	39	0	17	0	0	0	0	0	6	3	0	0				
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0				
Initial Fut:	142	1	43	16	0	55	56	1867	45	6	1089	28				
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
PHF Volume:	142	1	43	16	0	55	56	1867	45	6	1089	28				
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0				
Reduced Vol:	142	1	43	16	0	55	56	1867	45	6	1089	28				
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00				
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00	1.00	0.90	1.00				
FinalVolume:	142	1	43	16	0	55	56	1680	45	6	980	28				
Saturation Flow Module:																
Sat/Lane:	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600				
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	1.00	1.00	0.93	1.00				
Lanes:	0.99	0.01	1.00	0.23	0.00	0.77	1.00	2.92	0.08	1.00	2.92	0.08				
Final Sat.:	1589	11	1600	361	0	1239	1600	4355	125	1600	4347	133				
Capacity Analysis Module:																
Vol/Sat:	0.09	0.09	0.03	0.01	0.00	0.04	0.04	0.39	0.36	0.00	0.23	0.21				
Crit Moves:	****					****		****		****						

Traffix 8.0.0715 (c) 2008 Dowling Assoc. Licensed to URBAN CROSSROADS, IRVINE

Intersection	
Intersection Delay, s/veh	8.6
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	4	10	36	15	40	196
Future Vol, veh/h	4	10	36	15	40	196
Peak Hour Factor	0.67	0.67	0.67	0.67	0.67	0.67
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	6	15	54	22	60	293
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Righ	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.4	8.3	8.7
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	17%	0%	71%
Vol Thru, %	0%	29%	29%
Vol Right, %	83%	71%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	236	14	51
LT Vol	40	0	36
Through Vol	0	4	15
RT Vol	196	10	0
Lane Flow Rate	352	21	76
Geometry Grp	1	1	1
Degree of Util (X)	0.353	0.025	0.099
Departure Headway (Hd)	3.604	4.262	4.678
Convergence, Y/N	Yes	Yes	Yes
Cap	986	845	757
Service Time	1.675	2.262	2.763
HCM Lane V/C Ratio	0.357	0.025	0.1
HCM Control Delay	8.7	7.4	8.3
HCM Lane LOS	A	A	A
HCM 95th-tile Q	1.6	0.1	0.3

Intersection	
Int Delay, s/veh	2.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	0	5	0	42	0	97	15	14	22	0
Future Vol, veh/h	0	0	0	5	0	42	0	97	15	14	22	0
Conflicting Peds, #/hr	0	0	0	0	0	1	0	0	1	0	0	1
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	68	68	68	68	68	68	68	68	68	68	68	68
Heavy Vehicles, %	0	0	0	0	0	0	0	0	0	0	0	0
Mvmt Flow	0	0	0	7	0	62	0	143	22	21	32	0

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	261	241	33	229	230	156	33	0	0	166	0	0
Stage 1	75	75	-	155	155	-	-	-	-	-	-	-
Stage 2	186	166	-	74	75	-	-	-	-	-	-	-
Critical Hdwy	7.1	6.5	6.2	7.1	6.5	6.2	4.1	-	-	4.1	-	-
Critical Hdwy Stg 1	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.1	5.5	-	6.1	5.5	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.5	4	3.3	2.2	-	-	2.2	-	-
Pot Cap-1 Maneuver	696	664	1046	730	673	895	1592	-	-	1424	-	-
Stage 1	939	836	-	852	773	-	-	-	-	-	-	-
Stage 2	820	765	-	940	836	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	639	653	1045	721	662	893	1590	-	-	1423	-	-
Mov Cap-2 Maneuver	639	653	-	721	662	-	-	-	-	-	-	-
Stage 1	938	823	-	851	772	-	-	-	-	-	-	-
Stage 2	763	764	-	926	823	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	9.5	0	2.9
HCM LOS	A	A		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1590	-	-	-	871	1423	-	-
HCM Lane V/C Ratio	-	-	-	-	0.079	0.014	-	-
HCM Control Delay (s)	0	-	-	0	9.5	7.6	0	-
HCM Lane LOS	A	-	-	A	A	A	A	-
HCM 95th %tile Q(veh)	0	-	-	-	0.3	0	-	-

Intersection	
Int Delay, s/veh	4.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	69	0	0	43	17	10
Future Vol, veh/h	69	0	0	43	17	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	75	0	0	47	18	11

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	71	24	29	0	-	0
Stage 1	24	-	-	-	-	-
Stage 2	47	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	938	1058	1597	-	-	-
Stage 1	1004	-	-	-	-	-
Stage 2	981	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	938	1058	1597	-	-	-
Mov Cap-2 Maneuver	938	-	-	-	-	-
Stage 1	1004	-	-	-	-	-
Stage 2	981	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.2	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1597	-	938	-	-
HCM Lane V/C Ratio	-	-	0.08	-	-
HCM Control Delay (s)	0	-	9.2	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

APPENDIX 6.3:

OPENING YEAR CUMULATIVE (2020) WITH PROJECT CONDITIONS TRAFFIC SIGNAL WARRANT ANALYSIS

This Page Intentionally Left Blank

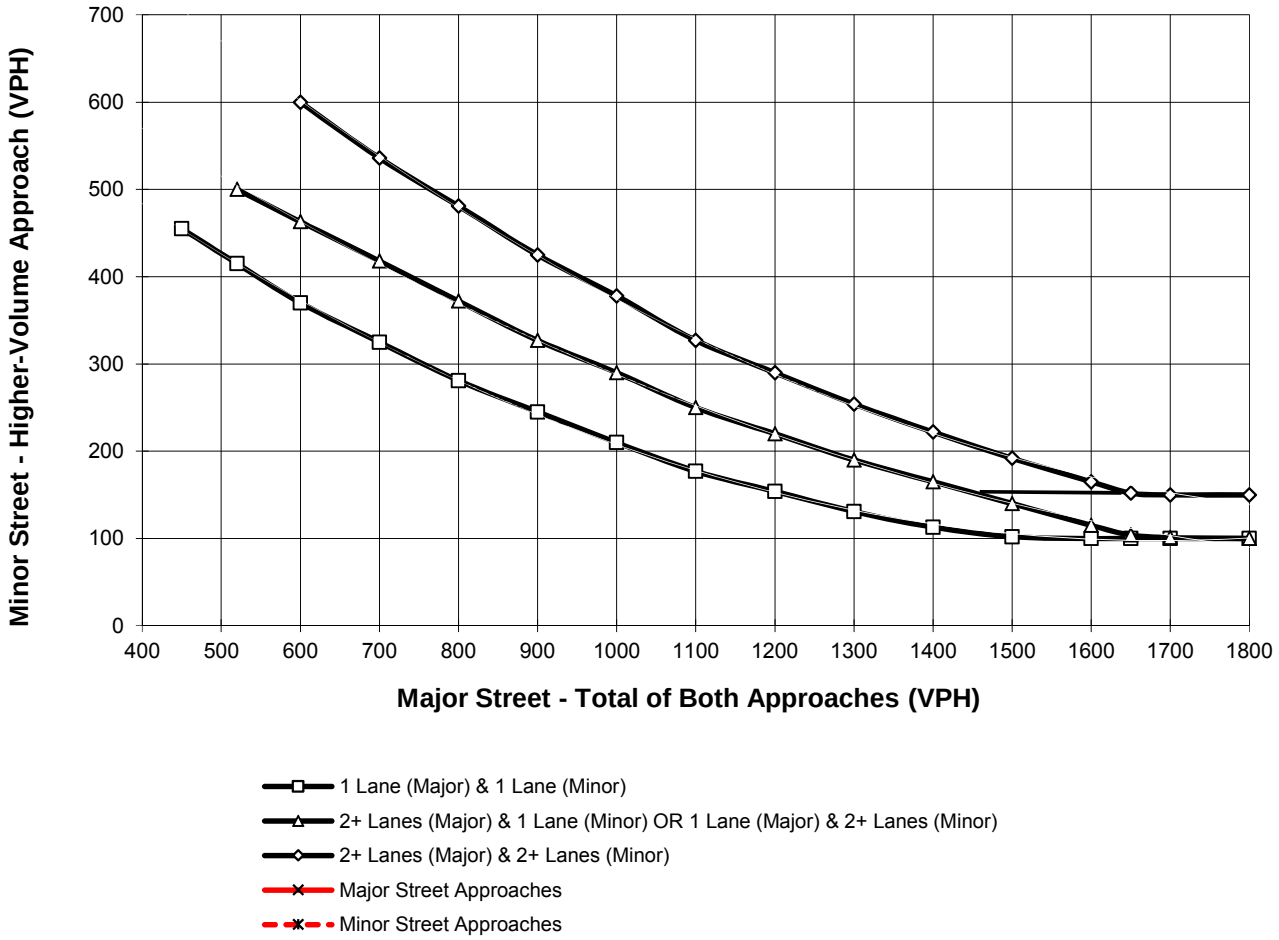
Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = **2020 Without Project Conditions - Weekday AM Peak Hour**

Major Street Name = **Frontage Rd./Driveway** Total of Both Approaches (VPH) = **77**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **San Francisco Av.** High Volume Approach (VPH) = **56**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

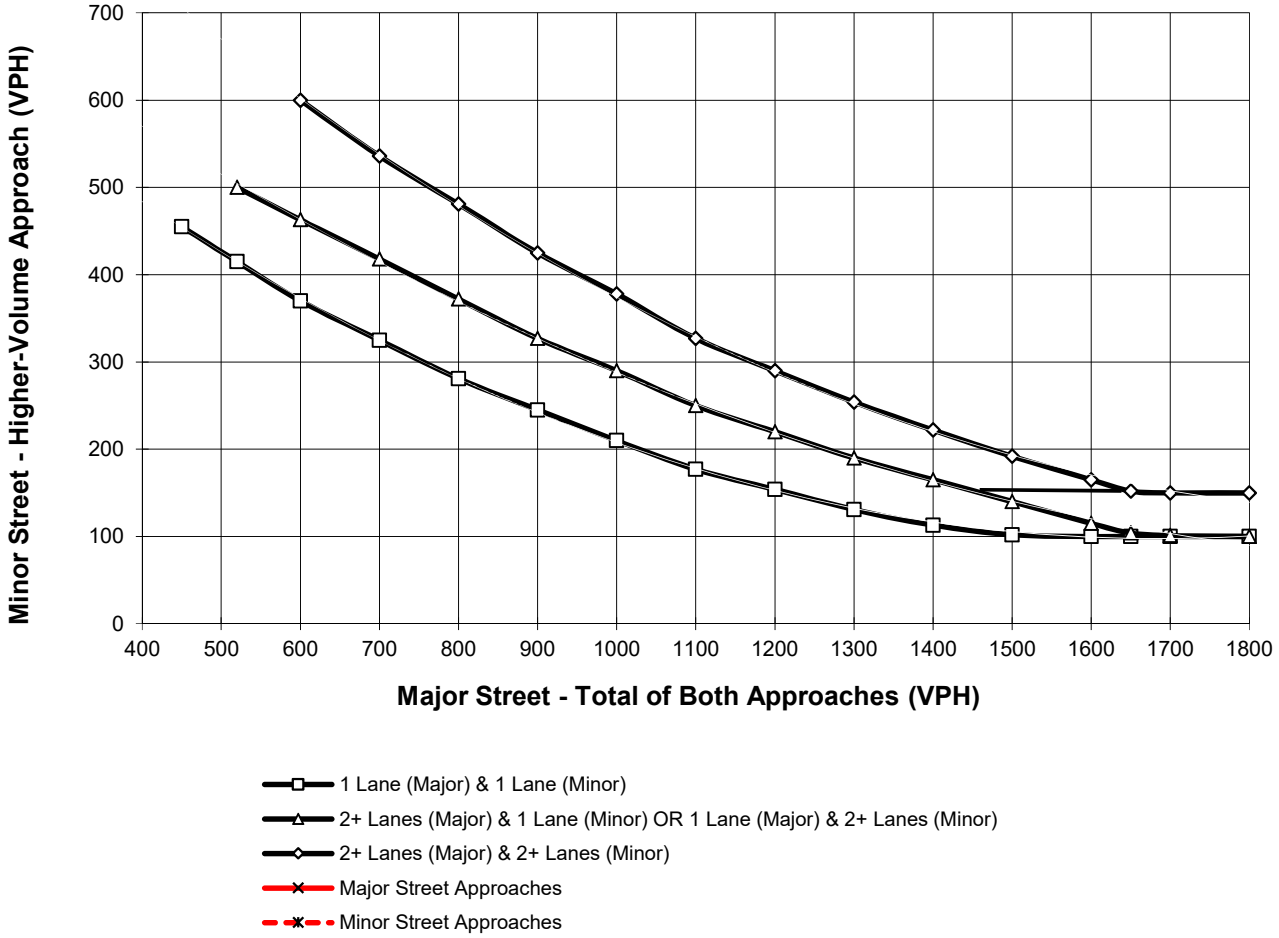
Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = **2020 Without Conditions - Weekday PM Peak Hour**

Major Street Name = **San Francisco Av.**
Total of Both Approaches (VPH) = **74**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **16th St.**
High Volume Approach (VPH) = **18**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

APPENDIX 6.4:

OPENING YEAR CUMULATIVE (2020) WITH PROJECT CONDITIONS FREEWAY OFF-RAMP QUEUING ANALYSIS

This Page Intentionally Left Blank

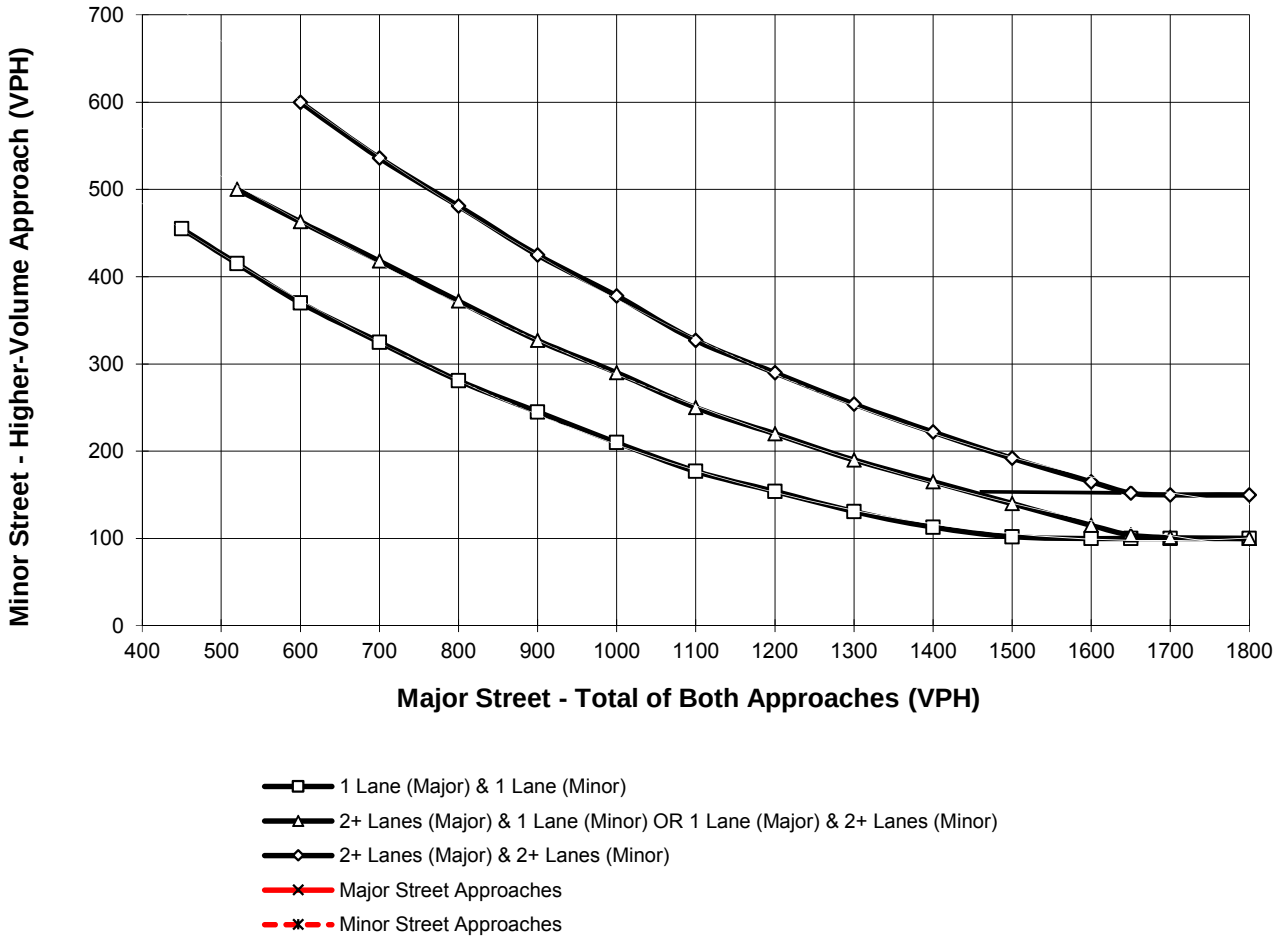
Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = **2020 With Project Conditions - Weekday AM Peak Hour**

Major Street Name = **Frontage Rd./Driveway** Total of Both Approaches (VPH) = **140**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **San Francisco Av.** High Volume Approach (VPH) = **64**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

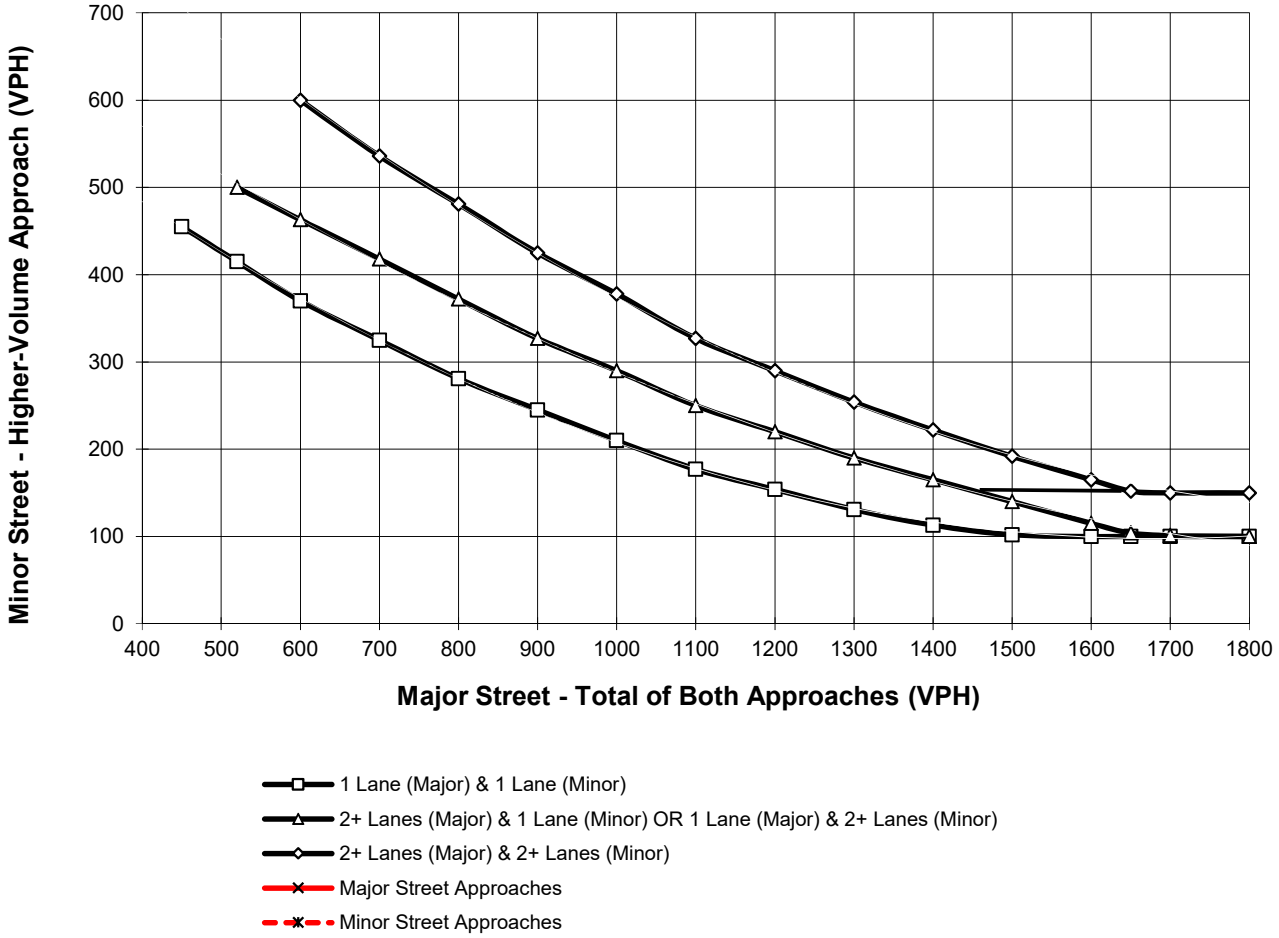
Figure 4C-3. Warrant 3, Peak Hour

Traffic Conditions = **2020 With Conditions - Weekday PM Peak Hour**

Major Street Name = **San Francisco Av.**
Total of Both Approaches (VPH) = **147**
Number of Approach Lanes on Major Street = **1**

Minor Street Name = **16th St.**
High Volume Approach (VPH) = **32**
Number of Approach Lanes On Minor Street = **1**

SIGNAL WARRANT NOT SATISFIED



*Note: 150 vph applies as the lower threshold for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold for a minor-street approach with one lane

Appendix H

Traffic Impact Analysis Peer Review

MEMORANDUM

To:	Susanne Huerta Senior Environmental Planner Rincon Consultants, Inc.	Date:	February 6, 2019
From:	Richard E. Barretto, P.E., Principal LLG, Engineers	LLG Ref:	2.19.4078.1
Subject:	***San Francisco Avenue Warehouse TIA Peer Review*** ***Long Beach, CA***		

LINSCOTT LAW & GREENSPAN engineers

Engineers & Planners
Traffic
Transportation
Parking

Linscott, Law & Greenspan, Engineers
2 Executive Circle
Suite 250
Irvine, CA 92614
949.825.6175 T
949.825.6173 F
www.llgengineers.com

Pasadena
Irvine
San Diego
Woodland Hills

Linscott, Law & Greenspan Engineers (LLG) is pleased to submit the following review of the traffic study for *San Francisco Avenue Warehouse Traffic Impact Analysis* prepared by Urban Crossroads, dated October 1, 2018. The Project consists of two (2) general light industrial buildings totaling approximately 95,373 square-feet (SF). The Project is located at San Francisco Avenue and W. 16th Street in the City of Long Beach, CA. Access to the Project site is provided via a proposed full access stop-controlled driveway located along San Francisco Avenue.

Study Area

- The TIA considered four (4) key study intersections for analysis, which were selected based on the City of Long Beach 50-trip threshold criteria. In addition, it is our understanding that the study intersections were identified in the scope of work approved by the City.

Existing Traffic Volumes

- Existing traffic counts at the study intersections were collected in September 2018. The counts collected include passenger cars, 2-axle trucks, 3-axle trucks, 4 or more axle trucks. A PCE factor of 1.5 was applied to 2-axle trucks, 2.0 for 3-axle trucks, and 3.0 for 4 or more axle trucks to estimate each turning movement, which is consistent with the San Bernardino County Transportation Authority (SBCTA) and was approved by the City; the use of factors are consistent with standard traffic engineering practices and are applicable for this study.

- Average daily traffic (ADT) volumes were based on applying a factor of 10.2146 to the PM peak hour leg volumes. Although this factor cannot be validated, overall a factor of 10 is consistent with standard traffic engineering practices and would be adequate for this study.

Project Trip Generation and Assignment

- *Table 4-1* summarizes the trip generation forecast for the proposed Project based on the ITE Trip Generation Manual (10th Edition). ITE Land Use 110: General Light Industrial was used to forecast the project trips. The truck mix was determined based on City of Fontana *Truck Trip Generation Study* (Land Use 150), dated August 2003. PCE factors of 1.5 was applied to 2-axle trucks, 2.0 for 3-axle trucks, and 3.0 for 4 or more axle trucks. The proposed Project is forecast

to generate a total of 619 daily PCE trips, with 87 AM peak hour PCE trips (77 in, 10 out) and 79 PM peak hour PCE trips (10 in, 69 out) on an average weekday.

- *Exhibit 4-1* presents the project trip distribution pattern for passenger cars while *Exhibit 4-2* presents the project trip distribution pattern for trucks.

Background Traffic

- The Project is anticipated to be constructed by the Year 2020, which has been utilized as the Project's opening year cumulative conditions. To account for background traffic growth, an ambient growth factor of 1.5% per year, compounded over two years was applied to existing (Year 2018) traffic counts. The annual growth rate of 1.5 is consistent with the LA CMP. This results in a total growth of 3.02% over two years to Year 2020 conditions. When developing the growth rate based on the LA CMP a straight line interpolation is used. Typically this growth rate is applied directly and not compounded. Further the LA CMP and Long Beach Guidelines do not make any mention of compounding the growth rate. Therefore, compounding the growth rate is not needed. However, the approach in this study is very conservative and shouldn't affect the overall findings of the report.

- Cumulative projects were also included as part of the background traffic. Review of *Table 4-2* indicates that fifteen (15) cumulative projects are located in the City of Long Beach and three (3) cumulative projects are located in the City of Los Angeles.

Level of Service Analysis

- Consistent with City of Long Beach criteria, Intersection Capacity Utilization (ICU) methodology for signalized intersections and the Highway Capacity Manual 6th Edition (HCM 6) methodology for unsignalized intersections was used for level of service analysis.

- ICU (signalized) intersections were evaluated with a PHF of 1.00, existing HCM (unsignalized) intersections were evaluated with existing PHF's, and new intersections were evaluated with a PHF of 0.92.

- Level of service analysis for Existing, Existing with Project, Opening Year Cumulative (2020) and Opening Year Cumulative (2020) with Project indicate that four (4) key study intersections are anticipated to operate/continue to operate at acceptable LOS during the peak hours. As such, no improvements are recommended.

LINSCOTT LAW & GREENSPAN engineers

Traffic Signal Warrant Analysis

- Traffic signal warrants based on the peak hour traffic volumes for Existing, Existing with Project, Opening Year Cumulative (2020) and Opening Year Cumulative (2020) with Project indicate that there are no study area intersections that warrant a traffic signal.

Site Access

- Project Driveway 1 will be controlled by a stop sign on the west leg with a single ingress and egress lane on the driveway. The curb and gutter and sidewalk on San Francisco Avenue shall be improved along the Project's frontage to accommodate the proposed driveway.

- A queueing analysis was completed for the Project driveway for Opening Year Cumulative (2020) with Project traffic conditions to determine the 95th percentile queues. As such, queueing issues are not anticipated to occur during the peak hours. Review of the appendix shows that the anticipated exiting queue at the project driveway would not exceed 2 vehicles.

- The turning radius of a large truck (WB-67) was confirmed to enter/exit and circulate the site. Exhibit 1-5 of the report validates these turning maneuvers.

<u>Additional Comments:</u>

1. Exhibit 3-1: Intersection 2 (San Francisco Avenue at Driveway) shows incorrect lane geometry for the eastbound approach. However, the LOS worksheets are correct.

2. Appendix pages 3-3.2, 5-2.2, 6-3.2, and 6.4-2 should be titled "Weekday PM Peak Hour".

3. Intersection 3 (San Francisco Avenue at 16th Street) plus Project LOS worksheets include the lanes and volumes associated with the existing driveway located on the western leg of the intersection. With the proposed development the existing driveway is anticipated to be removed/relocated to the south. It is recommended that the LOS worksheets be updated accordingly. It should be noted that if corrected the overall findings are anticipated to remain unchanged.

4. Appendix 6-4: Title page should say "Opening Year Cumulative (2020) With Project Conditions Traffic Signal Warrant Analysis".

LINSCOTT LAW & GREENSPAN engineers

5. A line of sight analysis should be performed at the Project driveway to validate sight lines and identify if on-street parking restrictions are needed. It is acknowledged that the TIA recommends that sight distance at each project access be reviewed (Section 1.5.1).

6. The report is lacking any discussion of whether the Project meets or is exempt from conducting a VMT assessment. Alternatively, the City of Long Beach should be consulted to determine if an assessment is even necessary. Please refer to SB 743 Guidelines which were adopted December 28, 2018.

* * * * * * * * * * *

We appreciate the opportunity to provide this review for Rincon Consultants, Inc. If you have any questions, please contact me at (949) 825-6175.

cc: File
Shane Green, P.E. LLG

Appendix I

Vehicles Miles Traveled Assessment

260 E. Baker St. | Suite 200 | Costa Mesa, CA 92626 | (949) 660-1994
urbanxroads.com

March 7, 2019

Mr. Cuentin Jackson
City of Long Beach
333 West Ocean Boulevard, 5th Floor
Long Beach, CA 90802

SUBJECT: SAN FRANCISCO AVENUE WAREHOUSE VEHICLE MILES TRAVELLED (VMT) ASSESSMENT

Dear Mr. Cuentin Jackson:

The following Vehicle Miles Travelled (VMT) Assessment has been prepared for the proposed San Francisco Avenue Warehouse development (referred to as "Project") located at San Francisco Avenue and W. 16th Street in the City of Long Beach (City) as shown on Exhibit 1-1.

It is our understanding that the Project is to consist of 2 general light industrial buildings totaling approximately 95,373 square feet. The Project is anticipated to be constructed in one phase by the year 2020. Driveway 1 on San Francisco Avenue is proposed to allow for full access movements serving both passenger cars and trucks.

The purpose of this VMT assessment is to evaluate the Project based on Senate Bill 743 (SB 743) requirements consistent with Technical Advisory on Evaluating Transportation Impacts in California Environmental Quality Act (CEQA) (December 2018, "2018 Technical Advisory") prepared by State of California Governor's Office of Planning and Research (OPR) and the *City of Long Beach DRAFT Traffic Impact Analysis Guidelines* (October 2018, "2018 TIA Guidelines").

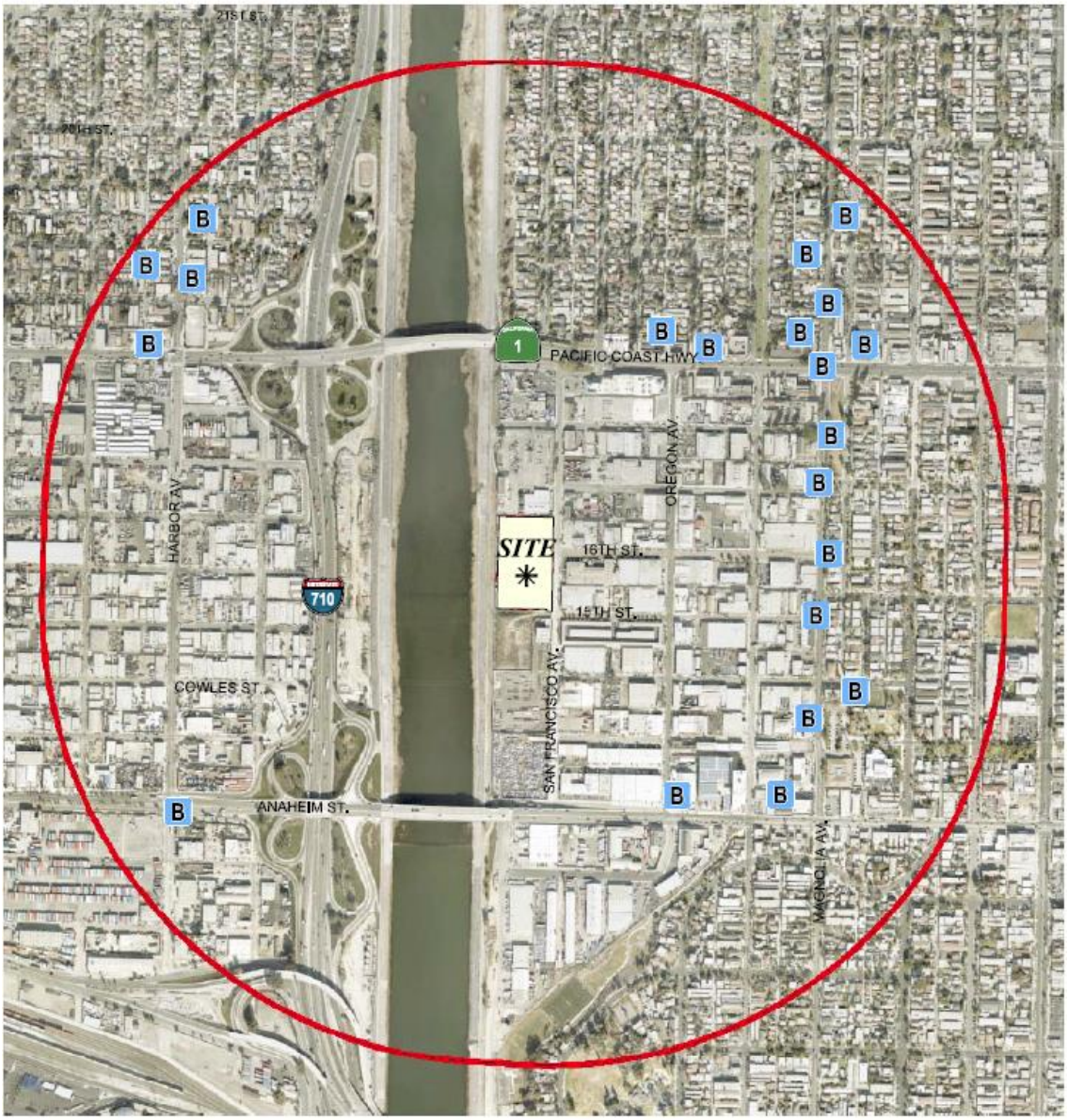
TRANSIT SERVICE

The study area is currently served by Long Beach Transit (LBT) and Torrance Transit (TT), municipal transit agencies serving the City of Long Beach and surrounding communities. The LBT offers 2 services: Local services and a Downtown Passport bus circulator. The shuttle service (Passport) provides service to popular downtown attractions, such as Shoreline Village, the Queen Mary, Aquarium, etc. Aqualink is a 68-foot catamaran which carries passengers from Downtown Long Beach waterfront to Alamitos Bay Landing. There is also the 49-passenger AquaBus water taxi service. The existing transit routes in the study area are shown on Exhibit 1. The existing transit stops within a ½ mile of the Project site are shown on Exhibit 2. Currently, the study area is served by LBT Routes 1, 171, 175, and 176 along Pacific Coast highway (CA-1) and LBT Route 181 along Magnolia Avenue. LBT has stops located on CA-1, less than ½-mile from the site. The study area is also served by TT (Line 3), which has stops on CA-1, also less than ½-mile from the site. The transit frequency at the stops along CA-1 is every 15-minutes during the morning and afternoon peak commute periods and therefore qualifies as a high-quality transit corridor.

EXHIBIT 1: EXISTING LOCAL TRANSIT ROUTES

Source: City of Long Beach General Plan Mobility Element 10/2013

EXHIBIT 2: TRANSIT STOPS WITHIN ½ MILE RADIUS OF THE PROJECT SITE



LEGEND:

- 1/2 MILE RADIUS
- B - TRANSIT STOP

N

PRESUMPTION OF LESS THAN SIGNIFICNAT IMPACT NEAR TRANSIT

The 2018 TIA guidelines state that a Project that is proposed within ½ mile of a high-quality transit corridor (fixed route bus service with service intervals no longer than 15 minutes during peak commute hours) would have a less than significant impact on VMT. As shown above, the Project is located within a ½ mile of a high-quality transit corridor (routes along CA-1). The adjacency of transit to the Project site supports a reduction in VMT per Employee as compared to if the Project site were not located near transit. As such, the VMT per Employee for the Project site is below the countywide average and presumed to be less than significant, and no further analysis is required.

CONCLUSION

The Project's VMT per employee is presumed to be less than significant due to the Project's proximity to existing high-quality transit.

If you have any questions, please contact me directly at (949) 336-5987.

Respectfully submitted,

URBAN CROSSROADS, INC.

Haseeb Qureshi
Senior Associate