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FIRST REVISED RESPONSE PLAN

777 North Front Street

Burbank, California

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Geosyntec's services were performed and this report has been prepared in accordance with generally accepted professional standards of care applicable to the scope of services authorized by the client, and no other warranty is provided in connection therewith.

Consistent with applicable professional standards of care, information and results presented in this report were based in part on data furnished by others. Although we were not able to independently verify such data, we did evaluate its consistency with other information that was developed in the course of our performance of this scope of services.

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LIST OF ACRONYMS / ABBREVIATIONS

1,1,1-TCA	1,1,1-Tichloroethylene
1,1-DCE	1,1-Dichloroethylene
ac-ft	acre-feet
bgs	below ground surface
Cal EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CAM	California Administrative Manual
CCR	California Code of Regulations
CDWR	California Department of Water Resources
CHHSLs	California Human Health Screening Levels
CO(P)C	Contaminant of (Potential) Concern
CrVI	Hexavalent Chromium
DTSC	Department of Toxic Substance Control
ELAP	Environmental Laboratory Accreditation Program
ft	feet
GAMA	Groundwater Ambient Monitoring and Assessment
GC/MS	Gas Chromatography/Mass Spectrometry
GPS	Global Positioning System
HGC	Hydro Geo Chem. Inc.
IDW	Investigation Derived Waste
ml/min	milliliter per minute
OTIE	Oneida Total Integrated Enterprises
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethylene
PID	Photoionization Detector
RL	Reporting Limit
RSL	Regional Screening Levels
RWQCB	Regional Water Quality Control Board

SCMP	Soil Contingency and Management Plan
SFV	San Fernando Valley
SWRCB	State Water Resources Control Board
SVE	Soil Vapor Extraction
TCE	Trichloroethylene
TPH	Total Petroleum Hydrocarbon
ULARA	Upper Los Angeles River Area
ULARAW	Upper Los Angeles River Area Watermaster
USEPA	United States Environmental Protection Agency
USCS	Unified Soil Classification System
USGS	United States Geological Survey
VOC	Volatile Organic Compound

1. INTRODUCTION

1.1 Overview

Geosyntec Consultants, Inc. (Geosyntec) prepared this *First Revised Response Plan* (Response Plan or Plan) to address the subsurface contamination at the approximately 8-acre proposed mixed use development property located at 777 North Front Street in Burbank, California (Site, shown in Figure 1). This Plan is prepared and submitted to the Los Angeles Regional Water Quality Control Board (RWQCB) for review and approval in general accordance with the provisions of the California Land Reuse and Revitalization Act (CLRRA) of 2004, and responds to comments from the RWQCB as set forth in its letter of February 13, 2019.

Soil beneath the Site is known to be impacted with volatile organic compounds (VOCs) and certain metals due to historical industrial manufacturing operations. Soil vapor has also been affected by the release of VOCs into the subsurface. With the goal of performing appropriate engineering control and cleanup activities to allow re-development of the Site, the developer (SJ4 Burbank LLC) is planning to enter into a CLRRA agreement with the RWQCB which will establish re-development requirements for the Site, including the implementation of this Plan. This Plan presents a summary of the evaluation of remedial technologies applicable to the chemicals and conditions at the Site with the objectives of protecting human health (for the proposed land use) and reducing the potential for groundwater impacts by removing mass of the chemicals of concern from the subsurface.

SJ4 Burbank LLC (SJ4) and Northridge Properties, LLC (Northridge), the current owner of the property located 777 Front Street, Burbank, CA 91502 (Site), entered into an Option Agreement, as amended, for the future acquisition and redevelopment of the Site by SJ4 (“Option Agreement”). The RWQCB is the designated administering agency for the Site under the Unified Agency Review of Hazardous Materials Release Sites law. Pursuant to the CLRRA Agreement for the Site, the RWQCB has approved Northridge’s investigation and assessment of the Site, and in the event that SJ4 acquires the Site, will oversee any necessary remediation of the Site by SJ4 pursuant to this Plan so that SJ4 may be entitled to the immunities afforded under CLRRA. The development planned by SJ4 will encompass mixed-use commercial/residential structures and will integrate both short- and long-term remedial activities into the Site construction and eventual layout as described in this Plan.

Geosyntec is the consulting firm for Northridge. SJ4’s consultant is Leighton & Associates, Inc. (Leighton). This Plan was prepared for Northridge by Geosyntec in collaboration with SJ4 and Leighton, as an accommodation for SJ4 since it will implement the Plan if it purchases the property. The Soil Contingency and Management Plan (SCMP) referred to in this Plan was prepared by Leighton for SJ4 with cooperation from Northridge and Geosyntec. Northridge's investigation and assessment work and development of this Plan, and Leighton's development of the SCMP, have been done cooperatively with the benefit of discussions with RWQCB staff in order to expedite process and to plan cost-effectively for what is necessary to satisfy RWQCB requirements for environmental response at the Site and eventual regulatory closure of the Site in light of Site conditions and SJ4's planned development. Northridge disclaims responsibility for implementation of the Plan, SCMP and any other work or activity that may be required or done at or about the Site after SJ4 acquires it, and Northridge reserves all of its rights, remedies, claims and defenses with respect to the Site. Approval of the Plan and SCMP by the RWQCB will remain effective only if SJ4 actually acquires the Site from Northridge.

1.2 Objectives of the Response Plan

This Plan presents the activities performed to date to assess the environmental impacts to the property as well as the proposed implementation plan to prepare the Site for re-development that is protective of human health and the environment. As noted in the RWQCB's letter of February 13, 2019, "the [RWQCB] believes that proper implementation and completion of the revised Response Plan, together with all remedial measures that the [RWQCB] determines are necessary, the proposed engineering controls set forth in 'this Plan' and the long-term operations and maintenance plan, should render the property safe for its intended uses."

The objectives of this Plan are as follows:

- Summarize the environmental conditions at the Site and identify potential engineering controls and remedies that will be protective of human health and the environment given the anticipated land use; and

- Provide technical information to support the public participation process as part of the regulatory and administrative review and approval process.

Upon approval of this Plan by the RWQCB, SJ4 acknowledges the RWQCB shall retain oversight of the implementation and rights to approval of the completed response actions herein pursuant to California Health and Safety Code (HSC) sections 25395.67(a)(3) and 25395.90 et seq.

1.3 Response Plan Elements and Organization

To accomplish the objectives stated above, the Plan includes the following elements in Sections as described below:

- Section 2 – *Site Background*, which summarizes the Site history, background, usage, prior investigations/remediation, regulatory context and proposed re-development plan.
- Section 3 – *Site Conceptual Model*, which describes the origin and extent of contaminants affecting soil and soil vapor at the Site.
- Section 4 – *Engineering Controls and Remedial Action Plan*, which describes the remedial action objectives (RAOs) of the remedial action, as well as the regulatory framework guiding the implementation.
- Section 5 – *Identification and Screening of Engineering Controls and Remedial Alternatives*, which summarizes the control and remedial alternatives considered for the Site re-development.
- Section 6 – *Proposed Engineering Controls and Remedial Alternative Description*, which describes the proposed alternative.
- Section 7 – *Engineering Controls and Remedial Alternative Implementation*, which describes the implementation activities associated with the proposed alternative.
- Section 8 – *References* used in the preparation of this Plan.

Tables, figures, and attachments follow the text of this Plan.

2. SITE BACKGROUND

2.1 Site Description

The Site is located at 777 North Front Street in Burbank, California, in a commercial/industrial area of Los Angeles County. The Site is bounded by the Interstate-5 freeway to the northeast, North Front Street to the southwest, West Burbank Boulevard to the northwest, and West Magnolia Boulevard to the southeast (Figure 1).

Background information regarding the Site presented in this section was obtained from historical investigations performed at the Site and the most recent Site-wide investigation report "*Soil Vapor Survey and Soil Investigation, Eight-Acre Proposed Mixed Use Development*" [Leighton, 2016] and the "*Supplemental Site Investigation Report*" [Geosyntec, 2018]. From the 1930s to 1961, the Site was the location of a water heater manufacturing company with operations that included galvanizing, vulcanizing, plating, welding, and metalwork. From 1961 to 1991, the Site was owned and operated by Zero Corporation, whose manufacturing operations included aluminum case drawing and washing, aluminum alodining (a metal coating process involving chromium and aluminum), chromate deoxidizing, steel phosphate coating and chromium sealing [Leighton, 2016]. A facility map depicting the location of Zero Corporation activities and features is provided in Figure 2. Zero Corporation ceased operations onsite in 1991 and sold the Site in 1998 but continued remedial activities thereafter. The Site buildings were demolished in 2004, with the building concrete slabs and footings (i.e., surface cover comprised of several inches to approximately one-foot thick concrete) left in place. The Site has been vacant since that time, having no uses since 1991 other than temporary rentals for filming of motion picture or television productions and other marginal uses until the buildings were demolished.

Northridge purchased the Site in 2005, and is the current owner. Site use during Northridge Properties' ownership has included occasional, short-term licenses or rentals to horse circus show productions (e.g., Cavalia). In addition, Caltrans has had a temporary construction staging area easement on a portion of the Site during the Interstate 5 widening operations, and a portion of the Caltrans' easement area is permanent for the widening of Interstate 5. Otherwise, the Site is vacant.

As noted above, Northridge and SJ4 entered into an Option Agreement for the future acquisition and redevelopment of the Site by SJ4. In the event that SJ4 acquires the Site, the RWQCB will oversee any necessary remediation of the Site by SJ4 pursuant to this Plan so that SJ4 may be entitled to the immunities afforded under CLRRA.

2.2 Geological Description

2.2.1 Regional Geology

The Site is located in the San Fernando Valley (SFV), a late Tertiary-Quaternary basin bounded by the Santa Susana Mountains to the northwest, the San Gabriel and Verdugo Mountains to the northeast, the San Rafael Hills to the east, the Santa Monica Mountains to the south, and the Simi Hills to the west [Upper Los Angeles River Area Water Master (ULARAW), 2016; Tinsley, 2001]. The SFV is part of the broader Transverse Ranges physiographic province [United States Geological Survey (USGS), 1996]. The Transverse Ranges province is characterized by fault-created valleys filled with marine to terrestrial sediments of Pleistocene through Holocene age, which are underlain by sedimentary bedrock and/or crystalline basement rock [USGS, 2012; ULARAW, 2015].

The water-bearing alluvial deposits in SFV consist of the Holocene and Pleistocene age alluvium underlain by the lower Pleistocene Saugus Formation, [California Department of Water Resources (CDWR), 2004]. The eastern part of the SFV Holocene age alluvium consists of about 20% clay mixed with primarily coarse-grained unsorted gravel and sand. The Pleistocene age alluvium consists of mostly highly permeable, unconsolidated coarse-grained alluvial fan interspersed with lower permeability paleosols. The Saugus Formation consists of continental and shallow marine deposits with lower permeability than that of the overlying alluvium [ULARAW, 2016]. In the eastern SFV, the Saugus Formation lies above the crystalline bedrock, where it reaches a maximum thickness of approximately 1,000 ft.

2.2.2 Site-Specific Geology

The geology of the Site has been described in previous reports based on subsurface investigations conducted since the early 1990s [Targhee Inc., 1991; Hydro Geo Chem (HGC), 1992; HGC, 1999; Ninyo & Moore, 2009; Geosyntec 2012; Geocon West Inc. (Geocon), 2016; Leighton, 2016; Oneida Total Integrated Enterprises (OTIE), 2016; and Geosyntec, 2017]. Each study found that Quaternary alluvial soils extended to the maximum depth of exploration. Soil borings on the Site indicate that Quaternary alluvial soils extend to at least 90 ft depth [Geosyntec, 2017], while nearby borings drilled for the installation of groundwater monitoring wells PWA-2 and PWA-3 indicate that, locally, alluvial soils extend to a least 163 ft [OTIE, 2016].

One study [Geocon, 2016] describes a continuous layer of artificial fill across the entirety of the Site, from surface or below the concrete slab, to as deep as 14 ft bgs. The other Site studies reviewed have not identified a continuous layer of artificial fill at the Site, and at least one [Ninyo & Moore, 2009] describes the upper-most soils as alluvium. Field observations by Geosyntec staff [Geosyntec, 2012; 2016; 2017] suggest that, outside of uncommon instances where concrete clasts are observed in soils beneath the slab, shallow soils at the Site likely consist of alluvial soils.

Soils within the upper 90 ft at the Site can be grouped into three general categories. Silty sands (SM) and sandy silts (ML) are most common, and are typically brown, moist to slightly moist, and have poorly graded fine sand and a minor gravel component (5-15%). Well graded sands (SW) with gravel are also observed, especially in the northwestern portion of the Site. These soils are typically pale grey, slightly moist or dry, and have notably angular sand grains and gravel clasts suggesting very little weathering and transport prior to deposition. Significantly bedded (i.e., more than a 1 ft in thickness) clays (CL) are also present, though uncommon as a continuous layer, but rather are discontinuously distributed across the Site. These soils are typically brown, moist, medium plastic, and contain little sand and only trace gravel, if any.

The stratigraphy of the Site may be defined in terms of two distinct zones: a sequence of sandy silts and silty sands in the upper-most 12 to 30 ft, and a sequence of well graded sands to silty sands containing thin discontinuous lenses of fine-grained material below. The lower sequence is characteristic of typical alluvial fan deposits, with coarse-grained, angular, gravelly well graded sands, silty sands with gravel, and scattered sheets or lenses of finer grained material. The upper sequence records recent development of the eastern SFV, with semi-continuous layers of sandy silt and silty sand typical of basin deposition. Generalized Site stratigraphy, based on the Geosyntec 2017 investigation (described in Section 2.4.3) is depicted in northwest to southeast oriented cross section in Figure 3.

2.3 Hydrogeological Description

2.3.1 Regional Hydrogeology

The Site is located in the Upper Los Angeles River Area (ULARA) in the eastern part of SFV Basin of the South Coast Hydrologic Region. The SFV receives an average annual precipitation of about 17 in. and much of this surface water is drained by the Los Angeles River and its tributaries [CWDR, 2004]. Groundwater flows from the edges to the central portion of the SFV Basin, into the eastern portion of the basin, beneath the Los Angeles River Narrows following the Los Angeles River near Glendale, and into the Coastal Plain of Los Angeles Basin. The groundwater flow velocity is about 5 ft per year in the western part of the basin and reaches as much as 1,300 ft per year beneath the Los Angeles River Narrows [CWDR, 2004].

Groundwater in the eastern part of the SFV basin is primarily calcium bicarbonate in nature [CDWR, 2004]. The SFV Basin has an estimated storage capacity of 3,200,000 acre-feet (ac-ft) of groundwater, with a maximum thickness of water-bearing alluvial deposits in the eastern portion of the SFV Basin of about 200 to 300 ft [ULARAW, 1999; ULARAW, 2016]. Groundwater in this region is mainly unconfined and, since water adjudication in the 1980s, levels have remained reasonably stable, although up to 80 ft variations in water level in the eastern portion has occurred historically [CDWR, 2004].

2.3.2 Site-Specific Hydrogeology

In 1991, as a part of a soil vapor survey performed by Leighton on the adjacent Hyrail property (a linear rail property extending along the western boundary of the Site), two soil borings were drilled to groundwater at approximately 110 ft bgs [Leighton, 2016]. As part of regional United States Environmental Protection Agency (USEPA) investigations, depth to groundwater in two wells adjacent to the Site, PWA-2 and PWA-3, was measured on 31 January 2013 at 123.34 and 105.84 ft bgs, respectively [OTIE, 2016]. Based on the Site-specific geology and regional geologic descriptions, the predominant soil type within the aquifer is sand, with some intervals of finer (silt) or coarser (gravel) materials mixed with sand. Groundwater gradient below the Site has varied over time due to localized pumping; the very flat gradient observed in the area of the Site results in difficulty in determining groundwater flow direction [OTIE, 2016].

2.3.3 Water Usage

The South Coast Hydrologic Region meets approximately 23% of its agricultural and municipal water demands with groundwater [CDWR, 2004]. The three parties with pumping rights in the SFV Groundwater Basin, the City of Los Angeles, Burbank, and Glendale, get a significant portion of their municipal water supply from the basin [ULARAW, 2016].

Based on the California State Water Resources Control Board's (SWRCB) Groundwater Ambient Monitoring and Assessment (GAMA) online database, there are eight supply wells within one mile of the Site. Six of these are Department of Water Resources wells, and limited information about these wells could be identified. The other wells are City of Burbank Water Department wells [ERM, 2011]; these supply wells are screened from approximately 75 to 330 ft bgs, indicating that groundwater in the Site vicinity has been used for water supply.

2.4 Historical Site Investigations, Assessments and Remedial Activities

2.4.1 Pre-Remediation Site Investigations

An initial site investigation in 1991 identified that soils in the areas of former clarifiers and former chemical/oils storage were impacted by VOCs and total petroleum hydrocarbons (TPH) [Targhee Inc., 1991]. Additional investigations performed between 1992 and 1995 by HGC indicated that Site soil and soil vapor were affected by chlorinated VOCs. Subsurface environmental assessment was performed by Law/Crandall in 1997 at five "hot spots" identified on the Site. Sampling locations by Targhee Inc., HGC and Law/Crandall are presented in Figure 4 and 5 for soil and soil vapor respectively, to the extent they were available.

2.4.2 Remediation and Closure

Site remediation activities were performed from 1998 to 2001 [HGC, 2001]. Two active soil remedial phases were approved by the RWQCB in 1998 and 1999, consisting of a shallow soil vapor extraction (SVE) and treatment system (Phase 1) to gain soil closure for the upper approximately 20 ft bgs of the Site, and a deeper SVE and treatment system with air sparging wells (Phase 2) extending to 85 ft bgs. Approximately 8,000 pounds of VOCs were removed by the SVE systems; 79% of the total mass consisted of perchloroethylene (PCE) and petroleum hydrocarbons removal, and the remaining 21% of total mass removal consisted of trichloroethene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), and 1,1-dichloroethene (1,1-DCE) [HGC, 2001].

Following Phase 1 and Phase 2 remediation activities, HGC submitted a work plan for site closure based on the remedial progress. The RWQCB approved the work plan on 2 October 2000. Closure activities conducted between October 2000 and February 2001 consisted of two rounds of soil vapor sampling, rebound monitoring, and groundwater sampling [HGC, 2001]. APW North America, Inc. (the former Zero Corporation) obtained a No Further Requirements (NFR) letter for VOC soil contamination with respect to the San Fernando Cleanup Program from the RWQCB on 28 November 2001. Further, a Certificate of Completion was provided to APW North America, Inc. on 1 July 2002 from the RWQCB as the designated Administering Agency for the Site under California's Unified Agency Review of Hazardous Materials Release Sites Law. The Certificate of Completion noted "…*Site mitigation activities have satisfied the requirements of all agencies concerned with the hazardous substance release*."

2.4.3 Post-Closure Investigations (representing Current Site Conditions)

Additional Site investigations were performed following issuance of the Certificate of Completion. The post-closure Site investigations included:

- Soil sampling performed in 2005 by Golder & Associates in former electrical transformer areas that were identified as potential polychlorinated biphenyl (PCB) sources after the demolition of the buildings in 2004. The results[1] of this study did not indicate the presence of PCBs in soil on-Site [Leighton, 2016].
- Soil and soil vapor sampling performed in 2009 by Ninyo & Moore within the northeastern portion of the Site where the Interstate I-5 widening project was planned indicated soil concentrations of hexavalent chromium (CrVI) above regional background, and concentrations of VOCs in soil vapor above relevant human health screening criteria for a construction worker scenario. The area of this investigation has since been deeded to Caltrans as a permanent easement in connection with the Interstate I-5 widening project and is no longer a part of the Site.
- Soil sampling for CrVI performed at the request of the RWQCB in 2012 by Geosyntec found detectable levels of CrVI that were below the residential and commercial/industrial soil California Human Health Screening Levels (CHHSLs). The CrVI concentrations in the soil samples were above the relevant United States Environmental Protection Agency's (USEPA's) residential soil regional screening level (RSL) but below the relevant commercial/industrial soil RSL at the time of the investigation. Select soil samples were additionally analyzed for a larger suite of metals listed in the California Code of Regulations (Title 22). The vertical distribution of CrVI in soil was inconsistent with historical releases of CrVI that would have affected groundwater and did not suggest that historical Site activities had contributed to the groundwater basin's regional CrVI contamination. In addition, at the request of the RWQCB, confirmation soil sampling was performed in 2016 with no detectable concentration of CrVI in shallow soils identified [Geosyntec, 2016].
- A geotechnical investigation in support of the currently-proposed multi-family residential, hotel, and commercial mixed-use re-development at the Site was conducted in 2016 by Geocon. This investigation[2] included collection of soil dry bulk density, soil moisture, and porosity soil data at depths up to 61.5 ft bgs.

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[1] Location and results of this sampling was not available for inclusion in this document.

[2] Environmental sampling was not included during this investigation; therefore, the locations are not included in the figures.

- In addition to the geotechnical investigation, a pre-development environmental soil and soil vapor investigation was performed at the Site by Leighton in 2016 [Leighton, 2016]; a grid-based (approximately 100 ft by 100 ft) and biased sampling approach included a total of 36 soil borings up to 30 ft bgs. The borings were advanced and soil was sampled at multiple depths. The soil samples were analyzed for VOCs, TPH, and California Title 22 metals. Soil samples with total chromium results greater than 50 milligrams per kilogram (mg/kg) were subsequently analyzed for CrVI. Soil vapor probes were installed at the bottom of each boring, at various depths. Soil vapor samples were analyzed for VOCs and VOCs were detected at multiple depths. The most elevated VOCs (i.e., PCE, TCE, 1,1-DCE) were distributed in the northwest-central portion of the Site and are consistent with the pre-remediation levels documented by HGC in this area of the Site. The soil vapor data acquired by Leighton suggested that significant rebound of VOCs had occurred in the shallow vadose zone. VOCs and metals were detected in the soil samples from the Site vadose zone. Multiple soil samples collected in the northwest-central portion of the Site contained elevated concentrations of total lead, zinc, and copper which, upon excavation, will require environmental management of the soil.
- A supplemental investigation was performed by Geosyntec in 2017 to further evaluate the distribution of VOCs in soil and soil vapor within the vadose zone at depths of up to approximately 90 ft bgs in the area where historical impacts of VOCs have been documented. PCE was primarily detected in the soil and soil vapor at elevated concentrations in the northwest-central portion of the Site consistent with the historical data.

Soil and soil vapor sampling locations from these investigations are presented in Figure 6 (soil) and Figure 7 (soil vapor) to the extent they were available and well documented. The results of the above investigations[3] are summarized in Tables 1 through 3. Post-remediation PCE and TCE concentrations in soil vapor (from Leighton 2016 and Geosyntec 2017 investigation) are presented in Figures 8 and 9. Cross-sections showing stratigraphy and contaminant distribution in the shallow and deep vadose zones are presented in Figures 8b and 9b. Further description of the extent of Site's contaminants of potential concern (COPCs) is provided in Section 3. The location of the site stratigraphic cross-section was initially presented to the RWQCB in the Supplemental

[3] With the exception of 2005 Golder and Associates (not available), and 2009 Ninyo and Moore (outside the Site) data set.

Site Investigation [Geosyntec, 2018a], and is included in this Plan as Attachment B for reference.

2.5 Future Re-Development Plans

The proposed re-development plan for the Site is a mixed-use residential and commercial complex. Proposed improvements include 573 residential apartments, courtyards, a hotel with amenity deck and swimming pool, ground floor commercial use, a park and bicycle hub, and podium style parking at ground level and first floor as well as subterranean parking. These future development plans are depicted in Figure 10 and can be viewed at the following link: http://laterraselectburbank.com/project.php . Information related to the Site re-development plans provided by SJ4 Burbank LLC indicate that significant volumes of soil will need to be removed in accordance with the architectural and engineering plans. Accordingly, implementation of the re-development plan will require the excavation, stockpiling, profiling, and appropriate disposal of soil generated during the Site redevelopment activities.

2.6 Human Health Risk Assessment

Based on the proposed future land use, Geosyntec performed a human health risk assessment (HHRA) for both the construction and post-remediation conditions [Geosyntec, 2017]. By way of example and as a basis for evaluating the potential exposure/receptor scenarios, the PCE soil vapor concentration plume shown in Figure 8 is overlaid on the re-development plan in Figure 11. The HHRA was performed using the Geosyntec 2012 / Leighton 2016 data set[4] for constituents of potential concern (COPC)[5]

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[4] Results of the 2009 Ninyo & Moore Site investigation were not included as this portion of the Site had since been deeded to Caltrans as permanent easement, and is not within the proposed re-development boundary. In addition, this dataset is not considered to be recent enough to represent current Site conditions.

[5] Both the average and 95 UCL of the average concentration of TPH were below the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) approved Tier 1 Environmental Screening Levels derived for protection of residential land use (ESLs; SFRWQCB 2016) and therefore not considered as COPCs for the Site.

which are VOCs, metals[6] (copper, lead[7] and hexavalent chromium). An HHRA Addendum [Geosyntec, 2018b] was also prepared to include evaluation of the supplemental investigation data set [Geosyntec, 2017]. The HHRA and HHRA Addendum evaluated the following receptors, exposure media and pathways given the existing contaminant distribution. The exposure from soil vapor due to indoor air inhalation pathway was evaluated using both slab-on-grade (over-conservative) and second floor residential (realistic) scenarios.

Receptor Population (applicable threshold)	**Exposure Medium**	**Potentially Complete Exposure Pathway**
Future Resident (cancer risks and noncancer hazards of 1×10^{-6} and 1 respectively)	Shallow Soil (0 - 12[8] ft bgs)	• Incidental Ingestion • Dermal Contact • Outdoor Fugitive Dust Inhalation • Outdoor Vapor Inhalation
	Soil Vapor (0 to 86 ft bgs)	• Indoor Air Inhalation
Future Commercial Worker (cancer risks and non-cancer hazards of 1×10^{-5} and 1 respectively)	Shallow Soil and Soil Vapor (0 - 12 ft bgs)	• Incidental Ingestion • Dermal Contact • Outdoor Fugitive Dust Inhalation • Outdoor Vapor Inhalation
	Soil Vapor (0 to 86 ft bgs)	• Indoor Air Inhalation
Future Construction Worker (cancer risks and non-cancer hazards of 1×10^{-5} and 1 respectively)	Shallow Soil (0 - 12 ft bgs)	• Incidental Ingestion • Dermal Contact • Outdoor Fugitive Dust Inhalation • Outdoor Vapor Inhalation

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[6] Based on the evaluation of background concentrations, other metals were determined to be within background levels and therefore not considered COPCs.

[7] Quantitative risk evaluation of lead was not conducted as this metal is compared to the Cal-EPA residential and industrial screening of 80 and 320 mg/kg respectively. In other words, lead concentrations detected at this Site are not factored into the cancer risk and non-cancer hazard estimates.

[8] This soil interval was evaluated based on the assumption that 12 feet would be the likely maximum depth of disturbance during potential future re-development in the impacted area and Site use and maintenance activities, and is therefore the maximum depth of soil to which future receptor populations would likely be directly exposed.

The results of the HHRA and HHRA Addendum (presented in Tables 4 through 8) indicate exceedances of the applicable thresholds at the following locations for each receptor, exposure medium and construction scenarios (slab-on-grade and second floor scenario):

- Soil
  - six locations for future resident (Figure 12)
  - one location for both future commercial worker (Figure 13) and future construction worker (Figure 14).
- Soil Vapor
  - thirteen locations for future resident based on the slab-on-grade scenario (Figure 15).
  - three locations for future resident based on the second floor scenario (Figure 16).
  - two locations for future commercial worker based on slab-on-grade scenario (Figure 17).

Risk-based Concentrations (RBCs) in soil and depth-specific RBCs in soil vapor were also derived in the HHRA [Geosyntec, 2017 and 2018b] for future comparison of the COPC concentrations and are presented in Tables 10 and 11. Note that following the soil excavation activities, and implementation of the proposed vapor controls, the affected media and exposure pathways will be, in part, removed, thereby increasing the protectiveness to Site tenants and users.

2.7 Groundwater Impact Assessment

A groundwater impact assessment (GIA) was prepared at the request of the RWQCB in 2017 to evaluate the potential for residual concentrations of chemicals detected in soil and soil vapor samples at the Site to impact groundwater [Geosyntec, 2017]. Similar to the HHRA, this assessment was initially performed using the Geosyntec 2012 and Leighton 2016 data set. An Updated GIA (UGIA) was prepared to include using the Geosyntec 2017 data set [Geosyntec, 2018c]. The GIA and UGIA modeled the soil leaching/infiltration pathway for chemicals to potentially travel from the vadose zone into groundwater using a one-dimensional vertical transport model, SESOIL (with the SEVIEW 7.1 interface). SESOIL simulates contaminant transport and fate including the processes of diffusion, adsorption, biodegradation, and hydrolysis. SESOIL also simulates seasonal climatic variation with the input and incorporation of climate data by monthly averages. The GIA results were superseded by UGIA results and are presented in this document. The following three different model scenarios were evaluated in the UGIA:

- Scenario 1: Current Site conditions i.e., the Site is covered with aged concrete
- Scenario 2: Future Site conditions according to the proposed re-development plan i.e., residential/commercial structures with concrete foundations
- Scenario 3: Future Site conditions where the soil is potentially exposed in an undeveloped condition

At this point, Scenario 2 i.e., future Site conditions according to the proposed re-development, is the most relevant scenario and further described below.

Under the model assumption of Scenario 2, the amount of contaminant mass modeled to reach groundwater is reduced, and the travel time of contaminants to reach groundwater was increased compared to the other two scenarios. The COPC-specific results are:

- Chromium (III or VI) – insignificantly small contaminant mass was found to reach groundwater;
- Benzene – 2% of the benzene mass was modeled to potentially reach groundwater;
- PCE – 9% of the PCE mass was modeled to potentially reach groundwater;
- TCE – 3% of the TCE mas was modeled to potentially reach groundwater; and
- 1,1-DCE – 6% of the 1,1-DCE mass was modeled to potentially reach groundwater.

Given the results of both the HHRA and GIA, engineering controls and remedial removals of contaminant mass have been proposed by the developer to be incorporated into Site re-development plans. These measures will be protective of human health and provide additional protections to the environment over the Site coverage that currently exists.

3. SITE CONCEPTUAL MODEL

This section summarizes the Site Conceptual Model (SCM) identifying the sources and locations of chemical impacts.

3.1 Land Use and Receptors

The Site was used for industrial operations from the 1930s to 1991, as described in Section 2, that included processes such as galvanizing, vulcanizing, plating, welding, metalwork, aluminum case drawing and washing, aluminum alodining (a metal coating process involving chromium and aluminum), chromate deoxidizing, steel phosphate coating and chromium sealing. The industrial operations were the original source of the chemicals observed in the Site subsurface. The Site is currently vacant and is proposed to be re-developed into mixed residential and commercial use. The re-development plan consists of a one or two-level podium style parking structure below the residential units and the hotel. The land use in the vicinity of the Site is primarily industrial/commercial.

3.2 Geologic and Hydrogeologic Model Setting

The stratigraphy of the Site may be defined in terms of two distinct zones: a continuous sequence of sandy silts and silty sands in the upper-most 12 to 30 ft, and a sequence of well graded sands to silty sands containing thin discontinuous lenses of fine-grained material below. The lower sequence is characteristic of typical alluvial fan deposits, with coarse-grained, angular, gravelly well graded sands, silty sands with gravel, and scattered sheets or lenses of finer grained material. Following the cessation of industrial activities at the site in 1991 and the performance of remediation in the late 1990s and early 2000s, there are residual chemical impacts contained in soil and soil vapor that result in the observed chemical concentrations in more recent investigations.

The Site is in the SFV where the SFV basin has been affected by historical industrial operations contaminating the region’s groundwater due to VOCs, pesticides, heavy metals (e.g., CrVI), petroleum hydrocarbon constituents, chloroform, and sulfate. The groundwater at the Site is found at approximately 105 to 125 ft bgs based on data for wells located adjacent to the Site [OTIE, 2016]. The regional direction of groundwater flow is poorly characterized in the immediate vicinity of the Site and is highly influenced by pumping of the aquifer in nearby areas as part of the cleanup activities which are conducted under regulatory oversight of the USEPA. There are several detections above the respective California maximum contaminant level (MCL) for drinking water by VOCs (1,1,1-TCA, 1,1-DCE, 1,2-DCA, PCE, TCE and vinyl chloride) within the groundwater near the Site due to releases from adjacent and regional industrial and manufacturing operations.

3.3 Extent of COPCs[9]

Based on the results of the multiple Site investigations, the extent of the COPCs (the VOCs PCE [Figure 8] and TCE [Figure 9] and select metals [Figure 11]) in soil and soil vapor at the Site are shown on Figures 8, 9 and 11. Additional details regarding the Site soil impacts are provided in the SCMP attached to this Plan as Attachment A. As requested by the RWQCB, the analytical test data for soils samples were compared to USEPA Region 9 RSLs. The post-remediation investigation that represents current Site condition indicate the following regarding the distribution of COPCs in soil:

- PCE was detected above the HHRA Soil RBCs primarily in the northwestern-central portion of the Site consistent with historical information (Table 1).

- Copper, lead and hexavalent chromium were sporadically detected in soil above their respective USEPA Region 9 RSLs established for a residential scenario (Table 1).

- PCE was also detected above its respective USEPA Region 9 RSL primarily in the northwestern-central portion of the Site (Table 1).

The post-remediation investigation that represents current Site conditions indicate the following regarding the extent of COPCs in soil vapor:

- A number of VOCs were detected in soil vapor samples collected at various depths; the detections, however, were below the respective worst case HHRA Soil Vapor RBC with the exception of PCE and TCE (Table 2).

- Since PCE and TCE exceeded the worst case HHRA Soil Vapor RBC, the concentrations were compared with the Depth Specific HHRA Soil Vapor RBC (Table 3). As shown in Table 3:

[9] As described in Section 2.4.3, the post-remediation data set represents current Site conditions and therefore used to evaluate extent of COPCs.

  - 1,1,1-TCA, 1,1-DCE, and TCE in the soil vapor samples did not exceed the Depth-Specific Vapor RBCs;

  - PCE concentrations exceeded the Depth-Specific HHRA Soil Vapor RBC at a number of locations and multiple depths. These locations are primarily located in the northwestern-central portion of the Site consistent with the historical information.

In summary:

- Lead, copper, and hexavalent chromium were sporadically detected above their respective RSLs in shallow soil; and

- VOCs (primarily PCE) are found above the human-health risk based and groundwater protection-based screening levels in the northwestern-central area of the Site (near the former connection between Buildings 11 and 12). Figures 8a and 9a present isometric view of interpolated PCE/TCE soil vapor concentration above 200 µg/l and 5 µg/l respectively at the Site, and Figures 8b and 9b present the PCE/TCE distribution on the Site geologic stratigraphy cross-section.

4. ENGINEERING CONTROLS AND REMEDIAL ACTION PLAN

4.1 Remedial Action Objectives

Remedial Action Objectives (RAOs) established for the Site is to protect human health and the environment from identified unacceptable risk which are further described as follows:

- Protect human health by limiting exposures to COPCs in soil and soil vapor via dermal contact, ingestion, and/or inhalation of particulates/vapors present in the indoor/ambient air;

- Reduce the potential for migration of COPCs to the underlying groundwater and protect the current and potential beneficial uses of groundwater to the extent feasible and practicable; and

- Allow for the proposed re-development mitigating risks of residual chemical impacts to below regulatory thresholds.

The Site is currently slated for mixed residential commercial land use. The remedial measures are designed to remove the identified exposure pathways, or design engineering controls to limit exposure via that pathway, as well as to provide additional protection (via additional mass removal) of resource beneficial uses to the degree that they are not impacted by regional influences. Numeric or site-specific remediation goals and non-numeric performance-based goals for the Site are as follows:

- Shallow Soils – The proposed soil excavation activities and depths for the SJ4 development are summarized in the SCMP, including boundaries and proposed shallow-soil excavation depths for three designated areas, referred to respectively as "Area A," "Area B" and "Area C" in SCMP Figures 2 and 7.[10] During the

[10] Appendix B of the SCMP includes legal "metes and bounds" descriptions for the proposed Areas A, B and C. Note that the final dimensions and boundaries of the excavation areas (designated as Areas A, B and C) are subject to modification based on final construction designs for the project. In the event of any future modifications to the boundaries of Areas A, B or C, the required depth of soil excavation within the revised boundary between any two Areas shall default to the more conservative value (i.e., deeper of the excavation zones) to ensure protection of health and the environment. Furthermore, correct (and, as applicable, revised) legal "metes and bounds" descriptions shall be provided as a condition of the RWQCB's issuance of a "no further action" determination for shallow soil remedial work for any of Areas A, B or C.

mass grading activities, shallow soils are likely to come in contact with future construction worker or utility worker and will therefore be excavated subject to post-remedial confirmation sampling. Confirmation soil samples will be analyzed for COPCs and the results will be compared to a numerical remediation goal (e.g., Site-specific RBCs identified in the Geosyntec HHRA, background concentrations, USEPA Region 9 RSLs) – See SCMP, Attachment A.

- Shallow Soil Vapor Impacts – While a remedial alternative is proposed to mitigate soil vapor within deeper soils at the Site, engineering controls are also proposed for the building structure to serve as a VOC-migration barrier to mitigate the risk of inhalation of VOCs in indoor air. Therefore, remediation goals are not applicable here.

- Deep Soils/Soil Vapor – COPCs within deep soils (from the base of final grade to approximately 90 ft bgs) and soil vapor will be remediated to the extent feasible and practicable by the selected remedial technology (soil excavation, soil vapor extraction [SVE] and treatment). Off-site sources of contamination continue to affect the groundwater in the vicinity of the Site, therefore, numerical goals may not be achievable despite best efforts. Given that an engineering control (i.e., vapor barrier) that will be implemented for soil vapor, deep soils and soil vapors are subject to performance-based remediation goals of removing mass and reducing the residual chlorinated VOC concentrations to the extent practicable (i.e., low and sustainable asymptotic influent concentrations to the proposed SVE treatment unit).

4.2 Applicable or Relevant and Appropriate Requirements

Applicable or Relevant and Appropriate Requirements (ARARs) are used to define the minimum level of protection for human health and the environment that must be provided by a remedy selected and implemented under the Comprehensive Environmental Response, Compensation, and Liability Act[11] (CERCLA). The ARARs, identified for the remedial actions should comply with Federal environmental law or more stringent State environmental law. The three types of ARARs evaluated for the Site are listed below.

[11] Note that the proposed Response Plan is not being implemented under CERCLA.

4.2.1 Chemical Specific ARARs

Chemical-specific ARARs are typically health-based or risk-based numerical values that establish the acceptable concentration of a COPC that may remain in, or be discharged to, the environment. At the Site, chemical-specific ARARs include:

- risk-based concentrations developed in the HHRA [Geosyntec, 2017] and USEPA Region 9 RSLs for shallow soils (approximately 0 to 20 ft bgs);

- State of California Code of Regulations (CCR) criteria or off-site disposal facility acceptance criteria, defining disposal of excavated soil as nonhazardous waste, RCRA hazardous waste, and/or non-RCRA hazardous waste (aka California hazardous waste); and

- primary and secondary national standards for ambient air quality during excavation and SVE treatment.

4.2.2 Location-Specific ARARs

No location-specific ARARS were identified since the Site is not located in any sensitive or protected area.

4.2.3 Action-Specific ARARs

The potential action-specific requirements for the Site include:

- RWQCB: Water effluent standards are applied to waste water, groundwater, and stormwater runoff from the Site;

- South Coast Air Quality Management District (SCAQMD): Emissions of gases, particulate matter, and fugitive dust are set by the SCAQMD and may apply if they are part of the State Implementation Plan pursuant to the Clean Air Act;

- National Pollution Discharge Elimination System (NPDES): Requires the elimination of most non-stormwater discharges, Stormwater Pollution Prevention Plan (SWPPP) preparation, and stormwater discharge monitoring;

- California Civil Code and California Health and Safety Code governing land use restrictions;

- California Occupational Safety and Health Administration code governing the safety of the construction workers at the Site;
- California Environmental Quality Act; and
- DTSC hazardous constituent regulations as outlined in 22 CCR Division 4.5.

5. IDENTIFICATION AND SCREENING OF ENGINEERING CONTROL AND REMEDIAL ALTERNATIVES

The screening of remedial technologies presented in this section does not necessarily follow the USEPA Feasibility Study guidance for National Priority List (NPL) sites. Rather, presumptive engineering controls and remedies that have been used in similar conditions and have demonstrated success are proposed as remedial technologies for the Site. This approach has been discussed with the RWQCB at meetings held at the RWQCB offices in May and June 2018. Based on the proposed future land use, Geosyntec performed the human health risk assessment (HHRA) evaluating onsite exposures to construction workers during redevelopment and residential and commercial occupants post development. Potential outdoor exposures via incidental ingestion, dermal contact and outdoor air inhalation to chemicals detected in soil, as well as potential indoor exposures to volatile chemicals from soil vapors were evaluated for each sampling location. The remedial actions that were identified to mitigate these potential exposures include:

- Excavation and Removal of Shallow Soil
- Engineering Controls for Building
- SVE Treatment

The following section describes various remedial alternatives identified and selected for each media of impact (soil and soil vapor) at the Site.

5.1 Shallow Soil Impacts

Shallow soil has been affected by certain metals and chlorinated VOCs. The proposed re-development is anticipated to require grading to accommodate subterranean parking and will require soil to be exported, as presented in the SCMP (Attachment A to this Plan). Given this scenario, excavation and off-Site disposal of soil impacted by COPCs is the most practical remedial technology to be applied for the shallow soil. This remedial technology will consist of environmental monitoring and removal and off-Site disposal of contaminated soil that is in excess of the clean-up goals meeting the RAOs.

Shallow soil will be removed to cleanup levels that are health-protective for future residential development. To accommodate parking for the development, shallow soils will initially be excavated at multiple depths within the areas that were identified in the HHRA. Following implementation of the soil excavation activities, the analytical test results for confirmation soil samples will be documented in a report and submitted to the RWQCB for shallow soil closure, per discussions with the RWQCB.

Soil excavation implementation is presented in Section 6.

5.2 Soil Vapor Impacts

Soil vapor has been investigated and exceeds the human-health risk threshold for a slab-on-grade and second floor scenario for both future resident and commercial worker. Given this condition, and to allow for the contemporaneous re-development, incorporation of engineering controls in the building foundation (to mitigate vapor intrusion inside the buildings) is the most practical technology to protect the receptors. The engineering controls will also be recorded as part of an administrative deed restriction for the Site.

Engineering controls will be installed underneath Site structures to prevent the migration of chemical vapors into indoor air. Engineering controls will include sub-slab venting and depressurization systems, vapor barriers, building pressurization, podium-style buildings and/or aerated floors as discussed in agency guidance (DTSC, 2011). Sub-slab venting (SSV) systems vent soil vapors by providing a pathway to allow vapors to migrate to the exterior of the structure rather than entering it. Sub-slab vapor barriers are liners that are installed to limit the entry of vapors into a structure. Sub-slab liners, when installed properly, are effective at limiting the exposure pathway into the structures. Vapor barriers are often used in combination with SSV, as proposed for the Site development. The podium-style structural design incorporated into the re-development plan was engineered to offer an additional level of protection from volatile chemicals for residents/users/tenants. Podium style buildings rely on open air, stilts, or other appropriately ventilated ground floors.

The above remedial technologies will be sufficient to reduce human health exposures from subsurface COPCs to below regulatory thresholds. However, the deeper soil and soil vapor impacts have been modeled to demonstrate potential impact to groundwater, therefore an additional engineering control is proposed. The following alternatives were evaluated and screened to identify the most practical and reasonable remedial technology to remediate the deeper soil/soil vapor impacts as shown in Table 12.

- Alternative 1: No Action
- Alternative 2: SVE Treatment

- Alternative 3: Thermal Remediation

- Alternative 4: Excavation and Off-Site Disposal

The result of this evaluation indicates that SVE Treatment is the most practical alternative considering the following:

- Effectiveness – SVE has been widely used and is a presumptive remedy for such conditions and can be used to achieve the RAOs.

- Implementability – SVE infrastructure can be readily integrated with the re-development plan. Both short and, if needed, longer-term operation, maintenance and monitoring can be performed during the operation of the re-development project.

- Cost – Among the other alternatives, SVE is the most reasonable alternative.

Therefore, the deeper soils that contain volatile chemicals will be treated using SVE treatment, operated for a period of time dependent on the VOC concentrations extracted from the deeper soils. The SVE process takes advantage of the volatile property of the chemicals which allows its transfer from soil to the vapor phase, where it is removed by vacuum and treated above ground. SVE will reduce volatile chemical concentrations in the deeper soils by removing mass and reducing the residual chlorinated VOC concentrations to the extent practicable (i.e., low and sustainable asymptotic influent concentrations to the proposed SVE treatment unit) thus limiting the potential migration to shallower soils. The use of multiple controls results in a very effective reduction/elimination of vapor migration into indoor spaces.

6. PROPOSED ENGINEERING CONTROLS AND REMEDIAL ALTERNATIVE DESCRIPTION

The engineering control and remedial alternatives proposed for the Site are further described in the following subsections.

6.1 Excavation and Removal of Shallow Soil

This remedial alternative entails identification and excavation of shallow soils impacted by Site COPCs, characterization and appropriate off-site disposal. This remedial technology has been widely used and was designed as an integral component of the re-development plan. To accommodate parking for the development, shallow soils will be excavated at multiple depths (see SCMP). Remedial excavation has been used at multiple sites under the jurisdiction of the RWQCB and will reduce the mass of contaminants present at the Site. This remedial alternative is further detailed in the SCMP prepared by Leighton on behalf of the developer (Attachment A to this Plan). The SCMP presents the known areas/volumes of COPC-impacted soils that exceed USEPA Region 9 RSLs and describes the excavation/removal methodology, defines the numerical clean-up goals and confirmation soil sampling protocol to be implemented. Areas where hexavalent chromium was detected above laboratory detection limits in shallow soils at sampling locations SS-2, SS-4 and SS-5 in the HHRA will be removed as part of the proposed soil excavation detailed in the SCMP. If additional removal of soil beyond the base of the grading plan is required to achieve the USEPA Region 9 RSLs, the excavated areas will be backfilled with imported clean soil in targeted areas, if and where necessary.

Following implementation of the soil excavation activities, the analytical test results for confirmation soil samples will be documented in a report and submitted to the RWQCB for shallow soil closure, per discussions with the RWQCB.

6.2 Engineering Control for Building

Engineering controls for the Site structures may include sub-slab venting and depressurization systems, vapor barriers, building pressurization, podium-style buildings and/or aerated floors (DTSC, 2011). Select design details of these engineering controls are conceptually illustrated in Figure 18. These approaches, their application, and their relative advantages are provided below.

6.2.1 Sub-Slab Venting Systems

Sub-slab venting (SSV) systems vent soil vapors by providing a pathway to allow vapors to migrate to the exterior of the structure rather than entering it. SSV systems draw in outside air which dilutes and reduces the concentrations of VOCs. The systems typically consist of a venting layer beneath a vapor barrier and floor slab. Vapors move laterally under natural diffusion or pressure gradients to collection piping and either discharge to the atmosphere when COPCs in these vapors meet regulatory thresholds, or are treated along with the vapors extracted by the SVE system described below. The vapor barrier aids in venting of the vapors rather than upward into the building (DTSC, 2011).

SSV systems may operate either passively or actively (installed fan). Passive SSV systems utilize natural thermal and/or wind effects to ventilate vapors. Active SSV systems use fans to withdraw and vent vapors or blow ambient air into the venting layer. SSV systems are typically used for new, slab-on-grade construction with low soil vapor flux. The advantages of the system include a successful track record of performance and low operations and maintenance (O&M) costs for passive systems (DTSC, 2011).

6.2.2 Vapor Barriers

Sub-slab vapor barriers are installed to limit the entry of vapors into a structure. Sub-slab liners are not able to completely eliminate vapor intrusion due to the potential for punctures, perforations, tears, and incomplete seals. Typically, vapor barriers are used in combination with SSV. Vapor barriers are typically implemented in new construction or within crawl spaces of existing buildings. Advantages of vapor barriers include increased effectiveness of SSV systems and design redundancy (DTSC, 2011).

6.2.3 Podium Style Buildings

The selected podium-style structural design incorporated into the re-development plan was engineered to offer an additional level of protection from VOCs for residents/users/tenants. Podium style buildings rely on open air, stilts, or other appropriately ventilated ground floors. Typically, first floor parking structures are incorporated into podium style buildings. Potential vapor conduits to upper floors are engineered and sealed to reduce the risk of vapor intrusion; for example, sealing and ventilating the base of elevators and/or construction of elevators on exterior or parking podium walls (DTSC, 2011).

6.2.4 Aerated Floors

Aerated floors consist of a continuous void space under a structure. The void space is created using modular plastic forms (e.g., Cupolex®, see Figure 18) that are placed on the subgrade and can be used to form floating or fully structural and post-tensioned slabs. This approach is similar to the passive ventilation system in that the soil vapor is depressurized and it relies on advective flow of air due to wind and head stack effects. Because the aerated floor creates a void space beneath the structure, head losses are minimal meaning wind-turbines and/or fewer, small fans, such as radon vans, can be used to extract vapors Aerated floors are used in new construction, where advantages include low capital costs and simplified monitoring and testing (DTSC, 2011).

6.3 SVE Treatment

Deeper impacts by the VOCs PCE and TCE in the vadose zone are shown in Figures 8 and 9. SVE is a widely accepted, recognized and cost-effective remedy for soils impacted with VOCs. SVE was previously used at the Site to remove significant quantity of the VOC mass. The SVE process takes advantage of the volatile property of the contaminants which allows its transfer from adsorbed, dissolved and free phases in the soil to the vapor phase, where it is removed by vacuum and treated above ground. SVE involves inducing air flow in the subsurface using an applied vacuum and thus enhancing the in-situ volatilization of VOCs. PCE and TCE, the primary VOCs present at the Site, are highly volatile and therefore, amenable to treatment by SVE. Integrating SVE into the re-development plan has the following advantages:

- Once the infrastructure is in place, SVE can be implemented with a limited disturbance to the Site operations;
- SVE has the potential for treating large volumes of subsurface soil with strategically placed vapor extraction/air injection wells;
- The SVE can be mobilized and installed fairly quickly and integrated with the re-development plan; and
- SVE can be integrated with other technologies, if required.

SVE is achieved by a network of vertical extraction wells that are connected via surface/subsurface piping to a suitable blower (that imparts sufficient vacuum to achieve a desired influence to the subsurface) and above ground treatment for the extracted vapors. The permitted aboveground treatment system will be placed on the roof top of the parking structure (or other areas as acceptable by the developer) and will include components such as blower, knock-out pots (air/water separator), transfer pumps, treatment equipment (e.g., carbon units, catalytic/thermal oxidizer) and poly tank (for accumulation of condensate prior to disposal). Measurements will be made at the above ground treatment system and at the well heads to evaluate progress and tune, as necessary.

A pilot test will be first performed to evaluate the design parameters of SVE. The pilot test will entail installation of soil vapor extraction and soil vapor monitoring wells, step and constant rate test, and extracted vapor treatment and monitoring. Subsequently, a SVE Design Report (Design Report) will be submitted that will contain the basis of design, design calculations, components of the SVE system, integration within the development, operation and maintenance requirements, radius of influence, manufacturer's equipment cut sheets, construction specifications, along with an Operations, Maintenance and Monitoring Plan (OMM Plan) (see section 7.2.5 below). The Design Report and OMM Plan will be submitted by the development team to the RWQCB for review and approval. The Conceptual Drawings (1 through 4, attached to this Plan) present the preliminary layouts of the proposed engineering control systems. The SVE will provide the dual benefit of mitigating potential vapor intrusion into the building as well as reducing contamination mass in vadose zone.

7. ENGINEERING CONTROLS AND REMEDIAL ALTERNATIVE IMPLEMENTATION

The following sub-sections present a detailed overview of the implementation of the proposed engineering controls and remedial alternative, including the components of the public participation process. A pre-construction draft Site-specific Health and Safety Plan (HASP) provided in Attachment C will be used as a guidance document during implementation of the re-development construction activities and the proposed remedial alternatives.

7.1 Excavation and Disposal

In general, soil throughout the Site will be excavated at multiple depths based on the preliminary grading plan provided by SJ4 civil engineer (see SCMP). The excavated soil will be stockpiled, profiled, and disposed at an appropriate permitted facility (i.e., landfill) or location where unrestricted use may be acceptable. Implementation of this remedial alternative is described in the SCMP prepared by Leighton which is provided in Attachment A to this Plan.

7.2 Engineering Controls

Engineering controls at the Site will consist of vapor barriers with passive ventilation, aerated floors, and/or podium style construction/natural ventilation. The proposed approach is based on the proposed re-development plan as shown on Conceptual Drawings 1 through 4. For the protection of future residents, the boundary of vapor barrier and sub-slab ventilation that comprise engineering controls at the Site shall be extended to provide coverage for residential units and parking structures located in and around areas where soil vapor extraction wells are proposed to be installed.

A critical component of the Site re-development is limiting the area of "green space" that may result in infiltration of surface water into the subsurface. Conceptual Drawing 1 of 4 identifies the re-development conditions for the Site; these are described below with the proposed engineering controls for each condition.

7.2.1 Below-Grade Structures

Below-grade structures at the Site may consist of underground parking, storage, maintenance rooms, and elevators, elevator pits, and elevator lobbies. Engineering controls for below-grade structures will include a vapor barrier membrane and passive ventilation system. Vapor barrier membranes limit the advection and diffusion of VOCs while the passive ventilation system depressurizes the soil vapor below the membrane.

The system will consist of, from top to bottom, a concrete slab, minimum 15-mil vapor barrier (e.g., Stego Wrap®), vapor collection layer (4-inch minimum aggregate or geocomposite), and 4-inch diameter, perforated vapor extraction pipes or strip composite (horizontal pipes). The walls of below-grade structures will have a minimum 15-mil vapor barrier between the concrete walls and subgrade soil (Figure 18). Cushion geotextiles and/or 2-inches of sand will be placed to protect the vapor barrier from puncture.

Horizontal pipes will be spaced generally every 50 to 60-ft in either a gravel-filled trench, the vapor collection layer, or immediately above the subgrade as strip composite. The horizontal pipes will be connected to 4-in diameter, solid vertical vapor ventilation pipes (vent pipes). Vent pipes will extend vertically through the below-grade structure and ventilate a minimum of 10-ft above grade and a minimum of 10-ft from any air inlet and/or operable door or window. Ventilation pipes will be provided at a frequency of 1 per 10,000 square feet (sf) or a minimum of 4 per continuous, below-grade structure. A monitoring point (e.g., labcock valve or similar) will be installed within each vent riser.

The system will be designed to operate actively, e.g., head losses will be evaluated and blowers specified; however, it will operated passively upon initial start-up. Vapors will be extracted from the vapor collection layer due to natural changes in barometric pressure as well as changes in temperature within the building resulting in vapor rise through the vent riser. To enhance the passive extraction, a wind-driven turbine will be added to select vent risers. If an active system is identified for the Site without a passive option or a more robust membrane system (e.g., Liquid Boot Plus®) is specified, alternative pipe diameters and spacing may be specified.

7.2.2 At-Grade Occupied, Enclosed Structures

At-grade occupied, enclosed structures may consist of lobbies, elevators, or commercial space. Engineering controls for at-grade occupied, enclosed structures will consist of aerated floors such as Cupolex®.

The aerated floor system will consist of, from top to bottom, a concrete slab, aerated forms, and prepared subgrade (Figure 18). The void space beneath the structures will be connected to vent pipes. Vent pipes will ventilate a minimum of 10-ft above grade and a minimum of 10-ft from any air inlet and/or operable door or window. A minimum of 2 ventilation pipes will be provided per enclosed, continuous structure. A monitoring point (e.g., labcock valve or similar) will be installed within each vent riser.

7.2.3 At-Grade, Open Structures

At-grade, open structures may consist of parking garages. Engineering controls for at-grade, open structures will include podium style design/natural ventilation meeting the requirements of California Code of Regulations Title 24 (24 CCR) Chapter 4 Section 406.5.2 (24 CCR, 2016). The ventilation with outdoor air created by this approach disconnects the overlying occupied building space from the subsurface air.

In accordance with 24 CCR Chapter 4 Section 406.5.2, the exterior side of the structure will have uniformly distributed openings on two or more sides that will not be less than 20 percent of the total perimeter wall area of the ground-level tier. The total length of the openings will not be less than 40 percent of the ground-level tier. Interior walls will have uniformly-spaced openings which will be a minimum 20 percent open. Based on Site-specific design, the size of openings may be modified if HVAC controls are implemented in the structure to provide enhanced ventilation of the space(s).

7.2.4 Construction Quality Assurance

Construction Quality Assurance (CQA) involves the monitoring and testing of materials and construction to verify that the final product is constructed in accordance with the Construction Documents. A third party, independent of the contractor and hired by the owner, typically performs CQA. CQA information may be used to complement the Contractor's construction quality control (CQC) function, in correcting work that does not satisfy project requirements.

Continuous CQA during construction of the vapor barrier membrane and passive ventilation system as well as the aerated floor will be implemented to document the construction of the systems was implemented in accordance with the design. A CQA Report will be prepared at the conclusion of construction which documents the CQA activities performed for the engineering controls. The CQA Report will document design changes, submittals, and CQA activities (thickness and/or smoke testing), as well as contain as-built drawings.

7.2.5 Operation, Maintenance, and Monitoring

Operations, maintenance, and monitoring (OMM) at the Site will be performed to document the engineering controls continue to perform as intended. An OMM Plan will be developed which provides the as-built plans, details, and specifications for the vapor barrier and extraction system and aerated floor. Methods for monitoring and monitoring frequency will be described. Maintenance procedures and frequencies for system components will be included. In addition, contingency planning including contact names and numbers will be listed in the OMM Plan.

7.3 Soil Vapor Extraction

7.3.1 Field Work Preparation

The soil vapor extraction (SVE) system components are planned to be installed following completion of the soil excavation and rough grading activities as part of development construction. Field work preparation will include clearing drilling locations of utilities, review and update of the site-specific Health and Safety Plan (HASP) to address SVE installation activities, and coordination with drilling and specialty subcontractors. Well installation permits will be obtained from the County of Los Angeles Department of Health Services (DHS). The DHS requires well installation permits for the vertical borings and SVE wells; these permits will be obtained from DHS prior to mobilization to the site by installation subcontractors. The drilling subcontractor will be a California C57 licensed well driller.

As with each subsurface investigation that has been conducted at the Site, potential utility corridors will be cleared through contacting Underground Service Alert (USA) and conducting a private subsurface utility survey. USA will be notified a minimum of 48 hours prior to initiation of field tasks. As an added precaution due to the presence of an oil line easement across the southern portion of the property, the drilling subcontractor will use an air-knife or hand auger to advance through the shallowest five to eight feet of soil at each of the drilling locations.

The RWQCB will be notified at least seven working days prior to the start of field activities.

7.3.2 SVE Wells Installation

At this stage of the conceptual design planning, 16 new nested SVE wells are planned to be drilled and constructed at the Site. The approximate locations of the SVE are shown on the Engineering Controls Response Plan Drawing 2 of 4. The installation process for the 16 SVE wells will generally include:

- Using an air knife or hand auger for the upper five to eight feet of each borehole;

- Drilling the remaining borehole using a either rotosonic or standard hollow-stem auger rig;
- Recovering relatively continues soil cores for geologic logging, field screening, and screened interval selection;
- Constructing SVE wells with polyvinyl chloride (PVC) casings and screens; and
- Managing investigation derived waste (IDW) which includes drill cuttings and decontamination fluids.

Depending on the final selection of drilling methodology, the soil cores will be extracted through the core barrel and stored in plastic liners for logging and field screening. Cores will be screened in the field for impacts using a calibrated photoionization detector (PID) and examined/logged in accordance with the Unified Soil Classification System (USCS). Reusable drilling equipment will be decontaminated prior to use and between drilling locations. The decontamination procedures include washing drilling equipment with tap water mixed with a nonphosphate detergent (e.g., Alconox™), rinsing with tap water, followed by a final rinse using distilled water.

As indicated in Section 2.2.2, the geologic observations from borings across the Site during the environmental and geotechnical investigations generally consisted of silt, sandy silts, silty sands, and isolated lenses of clay (Figure 3). Based on this subsurface stratigraphy and distribution of contaminants as described in the “Supplemental Site Investigation Report” [Geosyntec, 2018a], the SVE well screen intervals will be targeted within silty sand layers immediately above and/or below lower permeability layers (e.g., clays and silts) to control vapors and corresponding contaminant mass flux from the lower permeability zones in the subsurface. Screen intervals will be adjusted based on field observations of soil stratigraphy during drilling activities.

Upon reaching total borehole depth, each SVE well will be constructed using 2-inch nominal inner diameter (ID) Schedule (SCH) 40 PVC casing with 0.020 slotted well screen with a cap at the bottom. The SVE wells will be constructed by hanging the PVC well casing inside the drill bit casing and gradually raising the drill bit as filter pack material and well seals are sequentially placed within the annular space. Depths of the filter pack and sealing materials will be verified during construction by measuring depths at regular intervals with a clean weighted tape.

The annulus filter pack material will consist of 3/8-in. pea gravel; seals will consist of a minimum 2-ft thick layer of hydrated bentonite pellets between screened intervals. After the placement of the filter pack layers and the seals, the upper 7 ft (minimum) of the annular space will be backfilled with a 95% cement 5% bentonite grout mixture to a depth of approximately 3 ft below subgrade level. Since these wells will be installed below the floor of the parking structures for the development, the upper portion of the well "head" will be integrated within the foundations/floors of the structure to anchor the completion and allow for access during system operation.

Drill cuttings and decontamination fluids from the SVE well installations will be placed into labeled 55-gallon drums for storage at the designated Site location. The wastes will be disposed of off-site in accordance with regulatory requirements.

7.3.3 SVE Piping and Systems Installation

Upon completion of the SVE wells installation, the SVE well heads will be connected to the SVE systems using SCH 80 PVC pipes and nodal grade vaults. Each SVE well will have a dedicated piping connecting the well head vault to the system manifold which will lead to the vapor treatment system. The PVC pipes will be supported and secured through pipe chases integrated within the development structures (see conceptual details, Figure 18). Sampling ports, flow control valves, and vacuum gauges will be installed to monitor SVE system performance. General pipe routes are shown on Engineering Controls Drawing 2 of 4.

Treatment systems will consist of pre-permitted (various locations South Coast Air Quality Management District [SCAQMD] permits), skid-mounted SVE package systems, equipped with granular activated carbon (GAC) vessels for treatment of VOCs from extracted soil vapors. The treatment system will be delivered and installed within the upper level of the parking structure prescribed by the developer based on final layouts. The SVE system will be connected to the Site development electrical systems and equipped with an auto-dialer alarm system that will notify personnel in the event of an unplanned system shutdown.

7.3.4 Engineering Controls Monitoring - Soil Vapor Probes Installation

The engineering controls for Site soil vapor impacts will be monitored during the life of the system component operation, as required by the regulators. Soil vapor (SV) probes will be installed to provide system performance data to document that VOCs in shallow soil vapor are mitigated to levels that are protective of human health for the proposed uses of the Site, including:

- within the vadose zone as nested SV probes below the Site development; and

- within the subfloor of the parking structure that underlies the entire development.

As part of previous Site investigations, eight deep nested soil vapor (SV) probes, NP-1 through NP-8, were installed at the Site (Figure 6) [Geosyntec, 2018c]. Depending on the final location of the SVE system components, certain of these existing probes will be incorporated into the Site monitoring network. In addition, additional nested SV probes will be drilled and constructed along select locations of the Site perimeter near currently impacted areas, and certain areas of the parking subfloor, based on the final development design plans. The purpose of the SV probe network is to provide monitoring points to evaluate the performance of the SVE systems, including building protection and remediation progress. SV probe installation permits will be obtained for the additional SV probe locations from the County of Los Angeles DHS, and installation procedures will generally follow the procedures used for the SVE wells, with the following exceptions:

- nested SV probes may be constructed using Nylaflow® tubing and pre-packed sampling port screens (or vapor implants); and

- subslab SV probes within the parking structure may be constructed using stainless steel tubing within the concrete floor of the structure completed with a flush-mounted traffic-rated well box.

It is anticipated that the combination of proposed active remedial measures, mitigation measures via engineering controls, and operations and monitoring requirements will be protective of health for future occupants at the Site in accordance with State health and safety requirements. Specifically, the combination of: (i) shallow soil excavation, handling and disposal to remove residual contaminants in shallow soil; (ii) vapor barriers and aerated flooring along with a venting system to prevent the migration of VOCs into the proposed buildings; (iii) an active soil vapor extraction system to remediate VOCs in deeper soil for the protection of health and groundwater; (iv) system monitoring during construction; and (v) a post-construction OMM Plan, including indoor air monitoring to demonstrate that conditions are protective of health for future occupants at the Site provide a robust combination of remedial and mitigation measures that, if properly implemented, should render the Site safe for its intended uses.

7.4 Implementation Process Description

The Site activities associated with the engineering control systems implementation described in this Response Plan are conceptual in nature due to the fact that detailed construction plans for the development have not been finalized. While the concepts are true to the overall design intent and development layout, some changes are likely as the development construction plans are finalized. Based on discussions with the RWQCB, the detailed (i.e., for construction) design plans for the environmental engineering controls (i.e., soil vapor barrier and SVE designs) will be submitted to the RWQCB for review and approval. The detailed design plans will include:

- Design Report and OMM Plan;
- Construction plan sheets; and
- Specifications (and special provisions, if warranted).

In addition, due to the fact that the engineering control systems will be integrated within the Site development, institutional controls (i.e., a deed restriction) will be required by the RWQCB. Details of the administrative process related to the deed restriction(s) placed on the property will be shared with the RWQCB when they are finalized.

7.5 Public Participation Process

As set forth in HSC section 25395.96, this Plan shall provide an opportunity for the public, or other agencies, and the City of Burbank to participate in decisions regarding the response actions set forth in this Plan, taking into consideration the nature of the community interest, and includes each of the following elements described below.

Thirty days before taking action pursuant to this Plan, the RWQCB shall take all of the following actions:

- Notify the City of Burbank and the Department of Toxic Substances Control regarding the proposed response activities;
- Place a notice in a newspaper of general circulation in the area of the Site; and
- Post notice of the proposed Plan at the Site.

In addition, SJ4 (in its capacity as the prospective purchaser) will comply with each of the following methods for public participation:

- Thirty days' prior public notice in a fact sheet format of the proposed Plan, in English and in any other language commonly spoken in the area of the Site;
- Access, at both the RWQCB and at local repositories, to the proposed Plan, site assessment, addenda, and any other supporting documentation, including materials listed as references in the Plan and site assessment;

- Procedures for providing a reasonable opportunity to comment on the Plan and related documents specified above;
- If a public meeting is requested, the holding of a public meeting by the RWQCB in the area to receive comments; and
- The RWQCB's consideration of any comments received before taking any action regarding the Plan.

7.6 Response Plan Implementation Schedule

The activities described in this Plan will be performed in several stages, following the satisfaction of the necessary pre-construction contingencies. These include, without limitation, SJ4's acquisition of the Site, obtaining all required entitlements, permits and approvals from the City of Burbank for the proposed development project (Project), securing all necessary construction and/or project financing for the Project, and finalizing the design and construction schedule for all phases of the Project. The key elements of this Plan, along with a tentative implementation schedule, are set forth below.

<u>Final Response Plan Design and Schedule</u>

Following satisfaction of the above pre-construction contingencies, the final design for the components of this Plan, including design details for the construction plan set used for contractor procurement, will be prepared. The final design process for the components of this Plan, including preparation of a "Final Response Plan Schedule," is expected to take approximately three to four months.

<u>Existing Slabs Demolition and Soil Excavation / Grading</u>

Following contractor bidding and procurement, and demolition of the existing slabs, the excavation and disposition of contaminated soils as contemplated under this Plan will be performed as part of the construction excavation and rough grading operation for the Project. These activities are expected to take approximately four to six months.

<u>Installation of SVE System Probes and Related Components</u>

Once final design grades for the Project are achieved, and prior to the construction of new concrete slabs, the SVE system probes and related components will be installed, along with other utility components. These activities are expected to take approximately two to three months.

Installation of Vapor Barrier System(s) and Related Infrastructure

Following installation of the SVE system probes and related components, and also prior to the construction of new concrete slabs for the Project, vapor barrier systems will be installed. This process may be performed in separate phases based on the development and construction schedule for the Project: e.g., the hotel portion of the Project may be built before or after the residential portion of the Project. Regardless of how construction of the Project is phased, vapor barrier systems will be installed before pouring any new concrete slabs. Additional details regarding the construction schedule and vapor barrier system installation will be provided in the Final Response Plan Schedule. Once the vapor barrier systems are in place, additional SVE infrastructure (e.g., vaults, piping, manifolds, electrical, treatment system area) will be integrated into the Project as vertical development is undertaken.

If SJ4 is unable to perform any activity or submit any document within the schedule prescribed in the Final Response Plan Schedule, SJ4 will notify the Los Angeles Water Board's Agreement Manager prior to the date the task was to be completed therein. The notice will be in writing and will describe the reason for the delay. The Los Angeles Water Board may, at its discretion, extend a deadline for good cause shown.

8. REFERENCES

California Code of Regulations Title 24 (24 CCR), Chapter 4, Section 406.5.2, Open Parking Garages, Openings.

California Department of Water Resources (CDWR), 2004. California's Groundwater Bulletin 118, San Fernando Valley Groundwater Basin, Update 2/27/2004.

Cal EPA, 2015. Advisory, Active Soil Gas Investigations. July 2015

California Regional Water Quality Control Board, Los Angeles Region, Review of, and Comments on, Draft Response Plan for Former Zero Corporation Facility, and Requirements to Submit a Revised Response Plan, Pursuant to SJ4 Burbank LLC's California Land Reuse and Revitalization Act of 2004 ("CLRRA") Agreement with the California Regional Water Quality Control Board, Los Angeles Region, February 13, 2019.

Environmental Resources Management (ERM). 2011. Fourth Quarter 2010 Remedial Investigation Well Sampling Report San Fernando Valley Superfund Sites Area 2 – Crystal Springs Glendale North and Glendale South Operable Units. Prepared by ERM for the Glendale Respondents Group, February.

Geocon West Inc., 2016. Proposed Multi-Family Residential Development and Hotel - 777 North Front Street City of Burbank, California. February.

Geosyntec Consultants (Geosyntec), 2012. Soil Assessment Report. 777 North Front Street. Burbank, California. September.

Geosyntec, 2016. Soil Assessment Report, Additional Boring SS-4A. 777 North Front Street. Burbank, California. 22 July.

Geosyntec, 2017. Human Health Risk Assessment. 777 North Front Street, Burbank, California. May.

Geosyntec, 2018a. Supplemental Soil Investigation Report. 777 North Front Street. Burbank, California. April.

Geosyntec, 2018b. Updated Human Health Risk Assessment Technical Memorandum (HHRA Addendum). 777 North Front Street. Burbank, California. January.

Geosyntec, 2018c. Updated Groundwater Impacts Assessment. 777 North Front Street, Burbank, California. January.

Hydro Geo Chem, Inc., 1992. Subsurface Investigation, Zero Enclosures Facility, 777 Front Street, Burbank, California. 29 September.

Hydro Geo Chem, Inc., 1999. Results of Phase I Soil Vapor Extraction Verification Sampling and Request for No Further Action Closure, Zero Enclosures Facility, 777 Front Street, Burbank, California. 11 August.

Hydro Geo Chem, Inc., 2000. Work Plan for No Further Action Closure: Soil Vapor Extraction and Groundwater Monitoring Systems, Former Zero Facility, 777 Front Street, Burbank, California. 26 June.

Hydro Geo Chem, Inc., 2001. Results of Site Remediation and Request for No Further Action, Former APW Facility, 777 Front Street, Burbank, California. 5 April.

Leighton & Associates, Inc., 2016. Report Soil Vapor Survey and Soil Investigation Eight-Acre Proposed Mixed Use Development - 777 North Front Street City of Burbank, California. July.

Ninyo & Moore 2009. Parcel Acquisition Site Investigation 777 North Front Street I-5 Southbound, Between Magnolia and Burbank Avenues 07-LA-5; PM 28.1/31.9. Burbank California. June.

Oneida Total Integrated Enterprises (OTIE), 2016. Final Remedial Investigation Report, Glendale Chromium Operable Unit, San Fernando Valley Superfund Sites, Los Angeles County, California. 15 January.

Targhee, Inc, 1991. Subsurface Investigation, Zero-West, Report of Findings. 14 February.

Tinsley, J.C. III, 2001. Aspects of the quaternary geology of the San Fernando Valley, California, Cordilleran Section—97th Annual Meeting, and Pacific Section, American Association of Petroleum Geologists. 9-11 April.

Upper Los Angeles River Area Watermaster (ULARAW), 1999. Watermaster Service in the Upper Los Angeles River Area, Los Angeles County; 1997-98 Water Year; October 1, 1997 – September 30, 1998. Los Angeles, California.

ULARAW, 2015. Watermaster Service in the Upper Los Angeles River Area, Los Angeles County; 2013-2014 Water Year; October 1, 2013 – September 30, 2014. Los Angeles, California.

ULARAW, 2016. Draft Introduction to the ULARA Groundwater Basins, Technical Memorandum No. 1 (TM-1) for the Salt Nutrient Management Plane for the Upper Los Angeles River Area, Los Angeles County. Los Angeles, California. February.

USGS, 1996. USGS Response to an Urban Earthquake – Northridge '94, The Geological Setting. 1996.

USGS, 2012. Groundwater Quality in the San Fernando - San Gabriel Groundwater Basins, California. March 2012.

TABLES

TABLE 1
Summary of Post Remediation Soil Investigation Results
777 N. Front Street
Burbank, California

Sample Location	Sample Depth	Sample Date	VOCs Detected in Soil (µg/kg)								Data Source
			Benzene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	
NP-1	12	10/9/2017	ND<0.73	ND<0.73	ND<0.73	ND<0.73	ND<0.73	ND<0.73	ND<0.73	ND<1.5	Geosyntec, 2017
	22	10/9/2017	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<1.6	
	50	10/9/2017	**2.9**	ND<0.84	ND<0.84	ND<0.84	ND<0.84	**1.4**	ND<0.84	ND<1.7	
	67	10/9/2017	ND<0.95	ND<0.95	ND<0.95	ND<0.95	ND<0.95	ND<0.95	ND<0.95	ND<1.9	
	88	10/9/2017	ND<0.95	ND<0.95	ND<0.95	ND<0.95	ND<0.95	ND<0.95	ND<0.95	ND<1.9	
NP-2	6	10/9/2017	ND<0.97	ND<0.97	ND<0.97	ND<0.97	**30**	ND<0.97	ND<0.97	ND<1.9	Geosyntec, 2017
	28	10/9/2017	ND<0.88	ND<0.88	ND<0.88	ND<0.88	**26**	ND<0.88	ND<0.88	ND<1.8	
	36	10/9/2017	**1.2**	ND<0.87	ND<0.87	ND<0.87	**110**	ND<0.87	ND<0.87	ND<1.7	
	50	10/10/2017	**1.1**	ND<0.90	ND<0.90	ND<0.90	**65**	ND<0.90	ND<0.90	ND<1.8	
	80	10/10/2017	ND<0.91	ND<0.91	ND<0.91	ND<0.91	**12**	ND<0.91	ND<0.91	ND<1.8	
NP-3	12	10/10/2017	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**91**	ND<1.0	ND<1.0	ND<2.0	Geosyntec, 2017
	16	10/10/2017	ND<47	ND<47	ND<47	ND<47	**99**	ND<47	ND<47	ND<93	
	32	10/10/2017	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<96	
	46	10/10/2017	ND<52	ND<52	ND<52	ND<52	ND<52	ND<52	ND<52	ND<100	
NP-4	10	10/11/2017	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<49	ND<97	Geosyntec, 2017
	18	10/11/2017	ND<52	ND<52	ND<52	ND<52	ND<52	ND<52	ND<52	ND<100	
	40	10/11/2017	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<99	
	58	10/11/2017	ND<59	ND<59	ND<59	ND<59	ND<59	ND<59	ND<59	ND<120	
	80	10/11/2017	ND<47	ND<47	ND<47	ND<47	ND<47	ND<47	ND<47	ND<94	
NP-5	18	10/11/2017	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<48	ND<97	Geosyntec, 2017
	36	10/11/2017	ND<47	ND<47	ND<47	ND<47	ND<47	ND<47	ND<47	ND<93	
	45	10/11/2017	**1.3**	ND<0.91	ND<0.91	ND<0.91	ND<0.91	**1.6**	ND<0.91	ND<1.8	
	56	10/11/2017	ND<0.88	ND<0.88	ND<0.88	ND<0.88	**2.4**	ND<0.88	ND<0.88	**3**	
NP-6	16	10/13/2017	ND<0.82	ND<0.82	ND<0.82	ND<0.82	ND<0.82	ND<0.82	ND<0.82	ND<1.6	Geosyntec, 2017
	26	10/13/2017	ND<0.90	ND<0.90	ND<0.90	ND<0.90	ND<0.90	ND<0.90	ND<0.90	ND<1.8	
	40	10/13/2017	ND<0.90	ND<0.90	ND<0.90	ND<0.90	ND<0.90	ND<0.90	ND<0.90	ND<1.8	
	55	10/13/2017	ND<0.99	ND<0.99	ND<0.99	ND<0.99	ND<0.99	ND<0.99	ND<0.99	ND<2.0	
	88	10/13/2017	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<2.3	
NP-7	22	10/12/2017	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<0.89	ND<1.8	Geosyntec, 2017
	34	10/12/2017	ND<0.97	ND<0.97	ND<0.97	ND<0.97	ND<0.97	ND<0.97	ND<0.97	ND<1.9	
	49	10/12/2017	ND<0.86	ND<0.86	ND<0.86	ND<0.86	ND<0.86	ND<0.86	ND<0.86	ND<1.7	

Sample Location	Sample Depth	Sample Date	VOCs Detected in Soil (µg/kg)								Data Source
			Benzene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	
NP-8	18	10/12/2017	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<0.80	ND<1.6	Geosyntec, 2017
	24	10/12/2017	ND<0.78	ND<0.78	ND<0.78	ND<0.78	ND<0.78	ND<0.78	ND<0.78	ND<1.6	
	42	10/12/2017	ND<0.82	ND<0.82	ND<0.82	ND<0.82	ND<0.82	ND<0.82	ND<0.82	ND<1.6	
	59	10/12/2017	ND<44	ND<44	ND<44	ND<44	ND<83	ND<84	ND<44	ND<88	
	81	10/12/2017	ND<44	ND<44	ND<44	ND<44	**120**	ND<44	ND<44	ND<89	
SS-4A	10.0	6/2/2016	--	--	--	--	--	--	--	--	Geosyntec, 2016
	20.0	6/2/2016	--	--	--	--	--	--	--	--	
	25.0	6/2/2016	--	--	--	--	--	--	--	--	
	30.0	6/2/2016	--	--	--	--	--	--	--	--	
	35.0	6/2/2016	--	--	--	--	--	--	--	--	
	40.0	6/2/2016	--	--	--	--	--	--	--	--	
A1	1	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
A2	1	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**8.2**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.1**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
A3	1.0	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**8.9**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**10.5**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**11.4**	ND<1.0	ND<1.0	ND<1.0	
	8.5D	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**6.6**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
A4	1	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2,540**	ND<1.0	ND<1.0	**11.5**	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**46.9**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**118**	ND<1.0	ND<1.0	**2.7**	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**58.7**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**6.8**	ND<1.0	ND<1.0	ND<1.0	

TABLE 1
Summary of Post Remediation Soil Investigation Results
777 N. Front Street
Burbank, California

Sample Location	Sample Depth	Sample Date	VOCs Detected in Soil (µg/kg)								Data Source
			Benzene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	
A5	1.25	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**810**	ND<1.0	ND<1.0	**2.8**	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**32.2**	ND<1.0	ND<1.0	ND<1.0	
A5B	1	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**253**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**39.8**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**16**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**181**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**57.5**	ND<1.0	ND<1.0	ND<1.0	
A6	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**13.7**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**16.6**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**10.7**	ND<1.0	ND<1.0	ND<1.0	
	20.5D	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**19.3**	ND<1.0	ND<1.0	ND<1.0	
A7	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**22.1**	ND<1.0	ND<1.0	**64.7**	Leighton, 2016
	3.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2,470**	ND<1.0	ND<1.0	**4,800**	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.4**	ND<1.0	ND<1.0	**2.6**	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.6**	ND<1.0	ND<1.0	**3**	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1**	ND<1.0	ND<1.0	ND<1.0	
A8	1	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**21.9**	ND<1.0	ND<1.0	**2.1**	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**11.4**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.5**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**5.7**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**3.1**	ND<1.0	ND<1.0	ND<1.0	
A9	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**4.3**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**4.5**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5D	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	25.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	30.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	

Sample Location	Sample Depth	Sample Date	VOCs Detected in Soil (µg/kg)								Data Source
			Benzene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	
A10	1	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**6.8**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	25.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	30.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
A11	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	8.5D	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
A12	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	5.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	11.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	17.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
A13	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	5.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	11.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	17.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
B1	1.0	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**27**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.1**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**14.8**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**5.4**	ND<1.0	ND<1.0	ND<1.0	
B2	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**12.7**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.7**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.3**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**3.3**	ND<1.0	ND<1.0	ND<1.0	

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			Benzene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	
B3	1.0	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**21.8**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**7.9**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.2**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**6.3**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**13.8**	ND<1.0	ND<1.0	ND<1.0	
B4	1.0	5/4/2016	ND<1.0	**5**	**2.3**	ND<1.0	**3,330**	ND<1.0	ND<1.0	**153**	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**24**	ND<1.0	ND<1.0	ND<1.0	
	4.5D	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**21.2**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**22.4**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**29.3**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**54.8**	ND<1.0	ND<1.0	ND<1.0	
B5	1.0	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**29.6**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**148**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**161**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**25.3**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**14.9**	ND<1.0	ND<1.0	ND<1.0	
B6	1.0	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**28.7**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**33.1**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**22.1**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**9.1**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/4/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**8.8**	ND<1.0	ND<1.0	ND<1.0	
B7	1.0	5/5/2016	**1.7**	ND<1.0	ND<1.0	ND<1.0	**5.8**	ND<1.0	ND<1.0	**1.6**	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**22.1**	ND<1.0	ND<1.0	**13.6**	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**4.5**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.2**	ND<1.0	ND<1.0	ND<1.0	
B8	1.0	5/5/2016	**4.3**	ND<1.0	ND<1.0	ND<1.0	**13.9**	ND<1.0	ND<1.0	**19.8**	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**3.3**	ND<1.0	ND<1.0	**1**	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**5.5**	ND<1.0	ND<1.0	**1.2**	
	8.5D	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**6**	ND<1.0	ND<1.0	**1.3**	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.5**	ND<1.0	ND<1.0	ND<1.0	

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			Benzene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	
B9	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.8**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.3**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.1**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2**	ND<1.0	ND<1.0	ND<1.0	
	25.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	30.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
B10	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**4.3**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.8**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	25.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.2**	ND<1.0	ND<1.0	ND<1.0	
	30.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
B11	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**7.3**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.4**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
B12	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**22.8**	ND<1.0	ND<1.0	**1.6**	Leighton, 2016
	5.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.4**	ND<1.0	ND<1.0	ND<1.0	
	5D	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.8**	ND<1.0	ND<1.0	ND<1.0	
	11.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.3**	ND<1.0	ND<1.0	ND<1.0	
	17.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
B13	1.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	5.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.1**	ND<1.0	ND<1.0	ND<1.0	
	11.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.2**	ND<1.0	ND<1.0	ND<1.0	
	17.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
B14	1.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	5.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	11.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	17.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	

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Sample Location	Sample Depth	Sample Date	VOCs Detected in Soil (µg/kg)								Data Source
			Benzene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	
B15	1.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	5.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	**3.0**	ND<1.0	**1.8**	ND<1.0	ND<1.0	
LB1	1.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.9**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.6**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1.8**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
LB2	1.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**28**	ND<1.0	ND<1.0	**1.4**	Leighton, 2016
	4.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.2**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.2**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**5.5**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**25.9**	ND<1.0	ND<1.0	ND<1.0	
LB3	1.0	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**43.9**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	1D	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**46.7**	ND<1.0	ND<1.0	ND<1.0	
	4.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**19.6**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**8.2**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**89.4**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/6/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**28.2**	ND<1.0	ND<1.0	ND<1.0	
LB4	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**4.4**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**25.6**	ND<1.0	ND<1.0	ND<1.0	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**5.4**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**26.7**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**4.3**	ND<1.0	ND<1.0	ND<1.0	
LB5	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	1D	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	4.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**21.2**	ND<1.0	ND<1.0	**5.3**	
	8.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**3.9**	ND<1.0	ND<1.0	ND<1.0	
	14.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1**	ND<1.0	ND<1.0	ND<1.0	
	20.5	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**2.2**	ND<1.0	ND<1.0	ND<1.0	

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Sample Location	Sample Depth	Sample Date	VOCs Detected in Soil (µg/kg)								Data Source
			Benzene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	
LB6	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	5.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	11.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	17.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
LB7	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**3.5**	ND<1.0	ND<1.0	ND<1.0	Leighton, 2016
	5.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
	11.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**1**	ND<1.0	ND<1.0	ND<1.0	
	17.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
LB8	1.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**187**	ND<1.0	**20.9**	**1.7**	Leighton, 2016
	5.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**21.5**	ND<1.0	**4.1**	ND<1.0	
	11.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**3**	ND<1.0	ND<1.0	ND<1.0	
	17.0	5/5/2016	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
SS-1	5.0	6/28/2012	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	--	--	--	--	--	--	--	--	
	15.0	6/28/2012	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	--	--	--	--	--	--	--	--	

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			Benzene[1]	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	
SS-2	5.0	6/28/2012	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	--	--	--	--	--	--	--	--	
	15.0	6/28/2012	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	--	--	--	--	--	--	--	--	
SS-3	5.0	6/28/2012	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	--	--	--	--	--	--	--	--	
	15.0	6/28/2012	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	--	--	--	--	--	--	--	--	
SS-4	5.0	6/28/2012	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	--	--	--	--	--	--	--	--	
	15.0	6/28/2012	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	--	--	--	--	--	--	--	--	
SS-5	5.0	6/28/2012	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	--	--	--	--	--	--	--	--	
	15.0	6/28/2012	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	--	--	--	--	--	--	--	--	
GSC HHRA Soil RBCs[2]			**1,000**	**--**	**--**	**16,000**	**950**	**2,400,000**	**--**	**8,400**	
EPA Region 9 RSLs[3]			**1,200**	**160,000**	**1,600,000**	**5,800**	**24,000**	**4,900,000**	**8,100,000**	**940**	

See detailed notes at the end of Table 1.

TABLE 1
Summary of Post Remediation Soil Investigation Results
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Metals Detected in Soil (mg/kg)														TPH Detected in Soil (mg/kg)		Data Source
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	DRO (C10-C28)	ORO (C29-C32)	
NP-1	12	10/9/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2017
	22	10/9/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	50	10/9/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	67	10/9/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	88	10/9/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
NP-2	6	10/9/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2017
	28	10/9/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	36	10/9/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	50	10/10/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	80	10/10/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
NP-3	12	10/10/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2017
	16	10/10/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	32	10/10/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	46	10/10/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
NP-4	10	10/11/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2017
	18	10/11/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	40	10/11/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	58	10/11/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	80	10/11/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
NP-5	18	10/11/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2017
	36	10/11/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	45	10/11/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	56	10/11/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
NP-6	16	10/13/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2017
	26	10/13/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	40	10/13/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	55	10/13/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	88	10/13/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
NP-7	22	10/12/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2017
	34	10/12/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	49	10/12/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

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Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Metals Detected in Soil (mg/kg)														TPH Detected in Soil (mg/kg)		Data Source
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	DRO (C10-C28)	ORO (C29-C32)	
NP-8	18	10/12/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2017
	24	10/12/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	42	10/12/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	59	10/12/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	81	10/12/2017	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
SS-4A	10.0	6/2/2016	--	--	--	--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2016
	20.0	6/2/2016	--	--	--	--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	25.0	6/2/2016	--	--	--	--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	30.0	6/2/2016	--	--	--	--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	35.0	6/2/2016	--	--	--	--	--	**0.49**	--	--	--	--	--	--	--	--	--	--	
	40.0	6/2/2016	--	--	--	--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
A1	1	5/4/2016	ND<0.5	**287**	ND<0.5	ND<0.5	**15.9**	--	**11.1**	**33.9**	**7.1**	ND<0.020	ND<0.5	**10.6**	**38.1**	**99.1**	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	**225**	ND<0.5	ND<0.5	**33.7**	--	**19.5**	**41.7**	**3.9**	**0.027**	ND<0.5	**25.8**	**71.9**	**76.1**	--	--	
	8.5	5/4/2016	ND<0.5	**246**	ND<0.5	ND<0.5	**43.2**	--	**22.6**	**47.3**	**4.2**	**0.038**	ND<0.5	**32.6**	**78.4**	**94.9**	--	--	
	14.5	5/4/2016	ND<0.5	**213**	ND<0.5	ND<0.5	**31.4**	--	**17.5**	**39.4**	**3.6**	ND<0.020	ND<0.5	**22**	**66.4**	**75.1**	--	--	
	20.5	5/4/2016	ND<0.5	**194**	ND<0.5	ND<0.5	**26.8**	--	**16**	**39.6**	**5.3**	**0.033**	ND<0.5	**20.5**	**59.3**	**71.1**	--	--	
A2	1	5/4/2016	ND<0.5	**188**	ND<0.5	ND<0.5	**28.5**	--	**15.5**	**33.8**	**3.2**	**0.051**	ND<0.5	**19.7**	**58.2**	**66.7**	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	**152**	ND<0.5	ND<0.5	**31.8**	--	**13.4**	**30.4**	**3.1**	**0.038**	ND<0.5	**21.5**	**52.5**	**62.5**	--	--	
	8.5	5/4/2016	ND<0.5	**111**	ND<0.5	ND<0.5	**18.3**	--	**8.4**	**16.4**	**0.6**	ND<0.020	ND<0.5	**9.5**	**39.9**	**38.8**	--	--	
	14.5	5/4/2016	ND<0.5	**195**	ND<0.5	ND<0.5	**29.6**	--	**16.9**	**35.3**	**3.6**	ND<0.020	ND<0.5	**20.9**	**64.9**	**73.6**	--	--	
	20.5	5/4/2016	ND<0.5	**192**	ND<0.5	ND<0.5	**28.5**	--	**15.2**	**38.9**	**3.6**	**0.027**	ND<0.5	**19.7**	**62.7**	**66.3**	--	--	
A3	1.0	5/4/2016	ND<0.5	**91.9**	ND<0.5	ND<0.5	**10.3**	--	**5.6**	**1,980**	**26.1**	**0.074**	ND<0.5	**13.4**	**28.9**	**114**	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	**218**	ND<0.5	ND<0.5	**32.9**	--	**18.3**	**48.8**	**3.4**	ND<0.020	ND<0.5	**24.1**	**70.4**	**72.5**	--	--	
	8.5	5/4/2016	ND<0.5	**231**	ND<0.5	ND<0.5	**33.3**	--	**18.6**	**37.9**	**2.8**	ND<0.020	ND<0.5	**24.2**	**70.4**	**76.8**	--	--	
	8.5D	5/4/2016	ND<0.5	**84.5**	ND<0.5	ND<0.5	**11.5**	--	**3.7**	**7.5**	ND<0.5	ND<0.020	**2.7**	**2.4**	**16.8**	**43.9**	--	--	
	14.5	5/4/2016	ND<0.5	**126**	ND<0.5	ND<0.5	**23.3**	--	**12**	**31**	**2.3**	ND<0.020	ND<0.5	**14.7**	**52.5**	**56.2**	--	--	
	20.5	5/4/2016	ND<0.5	**158**	ND<0.5	ND<0.5	**21.8**	--	**11.2**	**27**	**2**	ND<0.020	ND<0.5	**14.1**	**48.8**	**50.3**	--	--	
A4	1	5/4/2016	ND<0.5	**109**	ND<0.5	ND<0.5	**5.2**	--	**6.9**	**509**	**14.8**	**0.13**	ND<0.5	**6.1**	**38.2**	**108**	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	**97.4**	ND<0.5	ND<0.5	**16.4**	--	**8.6**	**20.3**	**0.8**	ND<0.020	ND<0.5	**11.3**	**37**	**39.7**	--	--	
	8.5	5/4/2016	ND<0.5	**88.5**	ND<0.5	ND<0.5	**13.9**	--	**6.3**	**16.1**	**0.8**	ND<0.020	ND<0.5	**7.6**	**31.8**	**307**	--	--	
	14.5	5/4/2016	ND<0.5	**99.5**	ND<0.5	ND<0.5	**15.4**	--	**7.9**	**13.8**	**1.2**	ND<0.020	ND<0.5	**8.8**	**34.5**	**41.5**	--	--	
	20.5	5/4/2016	ND<0.5	**133**	ND<0.5	ND<0.5	**20**	--	**11.1**	**23.9**	**1.9**	ND<0.020	ND<0.5	**14.4**	**46.2**	**49.7**	--	--	

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Metals Detected in Soil (mg/kg)														TPH Detected in Soil (mg/kg)		Data Source
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	DRO (C10-C28)	ORO (C29-C32)	
A5	1.25	5/4/2016	ND<0.5	**181**	ND<0.5	ND<0.5	**29**	--	**16.5**	**30.8**	**2.8**	**0.024**	ND<0.5	**19.7**	**67.8**	**68.5**	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	**114**	ND<0.5	ND<0.5	**21.3**	--	**10.4**	**19.5**	**1.5**	ND<0.020	ND<0.5	**12.6**	**49.9**	**47.8**	--	--	
A5B	1	5/4/2016	ND<0.5	**147**	ND<0.5	**1.2**	**14.3**	--	**9.9**	**124**	**74.9**	ND<0.020	ND<0.5	**16.1**	**46.9**	**6,040**	**241**	**169**	Leighton, 2016
	4.5	5/4/2016	ND<0.5	**137**	ND<0.5	ND<0.5	**18.3**	--	**11.9**	**18.5**	**1.4**	**0.059**	ND<0.5	**12**	**53.1**	**55.9**	--	--	
	8.5	5/4/2016	ND<0.5	**152**	ND<0.5	ND<0.5	**24.9**	--	**12**	**21.8**	**1.6**	ND<0.020	ND<0.5	**14.3**	**53.8**	**53.1**	--	--	
	14.5	5/4/2016	ND<0.5	**196**	ND<0.5	ND<0.5	**35.2**	--	**15.8**	**32.2**	**3**	ND<0.020	ND<0.5	**18.9**	**61.4**	**72.7**	--	--	
	20.5	5/4/2016	ND<0.5	**218**	ND<0.5	ND<0.5	**32.1**	--	**18.1**	**40**	**3.1**	ND<0.020	ND<0.5	**21**	**74.7**	**68.4**	--	--	
A6	1.0	5/5/2016	ND<0.5	**45.9**	ND<0.5	ND<0.5	**22.5**	--	**13.6**	**11.9**	**1.5**	**0.026**	ND<0.5	**18.4**	**33.1**	**28.5**	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	**136**	ND<0.5	**1.2**	**157**	--	**19.7**	**39**	**75**	**0.03**	ND<0.5	**14.9**	**45.7**	**6,260**	--	--	
	8.5	5/5/2016	ND<0.5	**166**	ND<0.5	ND<0.5	**73**	--	**20.1**	**100**	**60**	ND<0.020	ND<0.5	**18.5**	**57.6**	**3,240**	--	--	
	14.5	5/5/2016	ND<0.5	**186**	ND<0.5	ND<0.5	**68**	--	**16.2**	**103**	**36.4**	ND<0.020	ND<0.5	**19.1**	**65.1**	**3,020**	--	--	
	20.5	5/5/2016	ND<0.5	**172**	ND<0.5	ND<0.5	**61**	--	**20.4**	**40.8**	**17.3**	ND<0.020	ND<0.5	**25.3**	**81.3**	**6,660**	--	--	
	20.5D	5/5/2016	ND<0.5	**176**	ND<0.5	ND<0.5	**59**	--	**19.7**	**40.4**	**17**	ND<0.020	ND<0.5	**24.4**	**78.2**	**7,050**	--	--	
A7	1.0	5/5/2016	ND<0.5	**131**	ND<0.5	ND<0.5	**25.8**	--	**9.6**	**35.2**	**15.9**	**0.035**	**2.2**	**21.4**	**58.3**	**154**	--	--	Leighton, 2016
	3.5	5/5/2016	**2.4**	**34.5**	ND<0.5	**6.1**	**7.9**	--	**1.1**	**6,740**	**1,110**	**0.029**	ND<0.5	**47.1**	**11.3**	**6,920**	**22**	ND<10.0	
	8.5	5/5/2016	ND<0.5	**176**	ND<0.5	ND<0.5	**34.3**	--	**16.7**	**609**	**100**	ND<0.020	ND<0.5	**28.1**	**64.8**	**359**	--	--	
	14.5	5/5/2016	ND<0.5	**107**	ND<0.5	ND<0.5	**15.7**	--	**7.5**	**26.5**	**1**	ND<0.020	ND<0.5	**8.5**	**40.5**	**41.3**	--	--	
	20.5	5/5/2016	ND<0.5	**139**	ND<0.5	ND<0.5	**23.5**	--	**12.7**	**32.1**	**2.1**	ND<0.020	ND<0.5	**15.5**	**54.7**	**55.5**	--	--	
A8	1	5/5/2016	ND<0.5	**131**	ND<0.5	ND<0.5	**18.5**	--	**12.2**	**25.1**	**4.1**	**0.022**	ND<0.5	**12.2**	**45.8**	**62.2**	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	**220**	ND<0.5	ND<0.5	**34.5**	--	**20.3**	**42.6**	**4.2**	**0.03**	ND<0.5	**25.7**	**74.4**	**46.8**	--	--	
	8.5	5/5/2016	ND<0.5	**129**	ND<0.5	ND<0.5	**21.5**	--	**11.3**	**24.3**	**1.4**	ND<0.020	ND<0.5	**13.9**	**49.7**	**45.6**	--	--	
	14.5	5/5/2016	ND<0.5	**246**	ND<0.5	ND<0.5	**25.4**	--	**15.7**	**34**	**3**	ND<0.020	ND<0.5	**18.8**	**59.3**	**64.3**	--	--	
	20.5	5/5/2016	ND<0.5	**152**	ND<0.5	ND<0.5	**26.3**	--	**13.5**	**30.6**	**2.2**	ND<0.020	ND<0.5	**16.8**	**57.1**	**53.5**	--	--	
A9	1.0	5/5/2016	ND<0.5	**126**	ND<0.5	ND<0.5	**17.7**	--	**12.3**	**22.4**	**4**	**0.022**	ND<0.5	**11.4**	**45.2**	**59.6**	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	**189**	ND<0.5	ND<0.5	**31.1**	--	**16.1**	**35.5**	**3**	ND<0.020	ND<0.5	**20**	**66.1**	**63.8**	--	--	
	8.5	5/5/2016	ND<0.5	**115**	ND<0.5	ND<0.5	**20.3**	--	**11.4**	**21.2**	**1.3**	ND<0.020	ND<0.5	**12.9**	**47.2**	**43.4**	--	--	
	14.5	5/5/2016	ND<0.5	**179**	ND<0.5	ND<0.5	**26.9**	--	**16.8**	**32.9**	**3**	ND<0.020	ND<0.5	**19.8**	**58.8**	**69**	--	--	
	20.5	5/5/2016	ND<0.5	**171**	ND<0.5	ND<0.5	**23.1**	--	**13**	**28.6**	**2.6**	ND<0.020	ND<0.5	**15.4**	**51.8**	**57.2**	--	--	
	20.5D	5/5/2016	ND<0.5	**142**	ND<0.5	ND<0.5	**22.6**	--	**12.3**	**25**	**1.1**	ND<0.020	ND<0.5	**13.8**	**56**	**48.9**	--	--	
	25.5	5/5/2016	ND<0.5	**113**	ND<0.5	ND<0.5	**12.6**	--	**9.2**	**16.3**	**0.6**	ND<0.020	ND<0.5	**7.8**	**43.7**	**36.1**	--	--	
	30.5	5/5/2016	ND<0.5	**60.8**	ND<0.5	ND<0.5	**10**	--	**5.6**	**10.7**	ND<0.5	ND<0.020	ND<0.5	**5**	**32.9**	**22.7**	--	--	

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Metals Detected in Soil (mg/kg)														TPH Detected in Soil (mg/kg)		Data Source
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	DRO (C10-C28)	ORO (C29-C32)	
A10	1	5/5/2016	ND<0.5	145	ND<0.5	ND<0.5	21.6	--	15	22.6	6.2	ND<0.020	ND<0.5	15.4	47.9	66.6	--	--	Leighton, 2016
	14.5	5/5/2016	ND<0.5	83.3	ND<0.5	ND<0.5	20.1	--	7.2	14.2	ND<0.5	ND<0.020	ND<0.5	8.2	33.1	34.5	--	--	
	20.5	5/5/2016	ND<0.5	129	ND<0.5	ND<0.5	18	--	9.8	23.9	2.8	ND<0.020	ND<0.5	12.2	40.5	50	--	--	
	25.5	5/5/2016	ND<0.5	242	ND<0.5	ND<0.5	13	--	16	30.3	1.4	ND<0.020	ND<0.5	5.3	70.2	63	--	--	
	30.5	5/5/2016	ND<0.5	142	ND<0.5	ND<0.5	19.2	--	12.6	29.3	2.8	ND<0.020	ND<0.5	14.2	49.8	62.8	--	--	
A11	1.0	5/5/2016	ND<0.5	196	ND<0.5	ND<0.5	28.2	--	15.8	106	9.6	ND<0.020	ND<0.5	19.9	62.2	161	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	126	ND<0.5	ND<0.5	21.9	--	11.6	22.8	2.2	ND<0.020	ND<0.5	14.4	47.3	49.3	--	--	
	8.5	5/5/2016	ND<0.5	205	ND<0.5	ND<0.5	31.6	--	18.1	31.3	3.1	ND<0.020	ND<0.5	22.3	67	73.6	--	--	
	8.5D	5/5/2016	ND<0.5	123	ND<0.5	ND<0.5	19.1	--	10.2	23.2	1.5	ND<0.020	ND<0.5	13.2	42.8	44.4	--	--	
	14.5	5/5/2016	ND<0.5	183	ND<0.5	ND<0.5	28	--	15.5	30.7	2.8	ND<0.020	ND<0.5	19.2	60.2	66.3	--	--	
	20.5	5/5/2016	ND<0.5	155	ND<0.5	ND<0.5	21.9	--	12.6	26.3	2.3	ND<0.020	ND<0.5	15.2	49.1	56.5	--	--	
A12	1.0	5/5/2016	ND<0.5	228	ND<0.5	ND<0.5	33.5	--	19.7	38.9	6.8	ND<0.020	ND<0.5	25.6	72.9	90.5	--	--	Leighton, 2016
	5.0	5/5/2016	ND<0.5	246	ND<0.5	ND<0.5	37.7	--	20.6	45.5	4.2	ND<0.020	ND<0.5	27.9	75	79.2	--	--	
	11.0	5/5/2016	ND<0.5	241	ND<0.5	ND<0.5	35.5	--	20	42.4	4.2	ND<0.020	ND<0.5	25.7	77.9	84.5	--	--	
	17.0	5/5/2016	ND<0.5	226	ND<0.5	ND<0.5	30.1	--	17.1	33.8	2.7	ND<0.020	ND<0.5	20.8	67.3	71.5	--	--	
A13	1.0	5/5/2016	ND<0.5	210	ND<0.5	ND<0.5	30.2	--	17.6	36.2	4	ND<0.020	ND<0.5	21.8	66.6	77.5	--	--	Leighton, 2016
	5.0	5/5/2016	ND<0.5	248	ND<0.5	ND<0.5	35.4	--	21	41.8	4.1	ND<0.020	ND<0.5	27.4	75.1	81.8	--	--	
	11.0	5/5/2016	ND<0.5	211	ND<0.5	ND<0.5	31.8	--	18.5	33.6	3.2	ND<0.020	ND<0.5	22.8	68.4	76.7	--	--	
	17.0	5/5/2016	ND<0.5	138	ND<0.5	ND<0.5	26	--	13.5	23.7	2.1	ND<0.020	ND<0.5	16	58.7	57.6	--	--	
B1	1.0	5/4/2016	ND<0.5	151	ND<0.5	ND<0.5	21.4	--	11.9	27	6.8	0.02	ND<0.5	15.3	47.2	64.7	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	128	ND<0.5	ND<0.5	20.1	--	10.4	22.9	5.5	0.037	ND<0.5	14.1	42.9	55.2	--	--	
	8.5	5/4/2016	ND<0.5	156	ND<0.5	ND<0.5	27.3	--	14	24.6	6.5	0.05	ND<0.5	17.9	57.5	63.2	--	--	
	14.5	5/4/2016	ND<0.5	180	ND<0.5	ND<0.5	29.2	--	15.5	38	5	0.081	ND<0.5	19.9	61.4	72.6	--	--	
	20.5	5/4/2016	ND<0.5	146	ND<0.5	ND<0.5	20.8	--	12.9	31	4.9	0.071	ND<0.5	15.6	48.8	58.6	--	--	
B2	1.0	5/5/2016	ND<0.5	155	ND<0.5	ND<0.5	23.4	--	14.3	23.5	3	ND<0.020	ND<0.5	16.3	50.6	62.4	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	235	ND<0.5	ND<0.5	33.3	--	19.1	38.5	4.1	ND<0.020	ND<0.5	24	69.6	76.1	--	--	
	8.5	5/5/2016	ND<0.5	111	ND<0.5	ND<0.5	19	--	10.4	16.5	1.2	ND<0.020	ND<0.5	12.6	43.3	43	--	--	
	14.5	5/5/2016	ND<0.5	177	ND<0.5	ND<0.5	28.5	--	17.1	34.9	3.3	0.026	ND<0.5	19.9	62.7	69.7	--	--	
	20.5	5/5/2016	ND<0.5	173	ND<0.5	ND<0.5	28.6	--	15.9	35.6	10.6	0.021	ND<0.5	18.7	59	75.5	--	--	

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Metals Detected in Soil (mg/kg)														TPH Detected in Soil (mg/kg)		Data Source
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	DRO (C10-C28)	ORO (C29-C32)	
B3	1.0	5/4/2016	ND<0.5	163	ND<0.5	ND<0.5	23.1	--	12.9	145	19.1	0.033	ND<0.5	17.6	51.7	136	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	136	ND<0.5	ND<0.5	23.7	--	12.2	34.5	2.1	ND<0.020	ND<0.5	17.5	49.4	54.3	--	--	
	8.5	5/4/2016	ND<0.5	122	ND<0.5	ND<0.5	19.8	--	10.3	19.7	2.6	ND<0.020	ND<0.5	12.8	46	43.4	--	--	
	14.5	5/4/2016	ND<0.5	173	ND<0.5	ND<0.5	26.8	--	14.9	33.4	2.9	ND<0.020	ND<0.5	18.7	58.4	65.1	--	--	
	20.5	5/4/2016	ND<0.5	130	ND<0.5	ND<0.5	18.5	--	11.1	28	3.7	0.039	ND<0.5	12.8	43.1	52.4	--	--	
B4	1.0	5/4/2016	2.3	182	ND<0.5	0.8	25.9	--	11.7	133	108	0.027	ND<0.5	19.7	44.3	1,580	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	151	ND<0.5	ND<0.5	26.4	--	13.7	32.3	2.7	ND<0.020	ND<0.5	17.7	58.8	880	--	--	
	4.5D	5/4/2016	ND<0.5	97.6	ND<0.5	ND<0.5	6.7	--	5.8	20.6	0.8	ND<0.020	ND<0.5	3.5	29.2	233	--	--	
	8.5	5/4/2016	ND<0.5	91.6	ND<0.5	ND<0.5	14.5	--	8	15.1	0.7	ND<0.020	ND<0.5	9.2	37.2	38.2	--	--	
	14.5	5/4/2016	ND<0.5	138	ND<0.5	ND<0.5	22.2	--	13.2	23	3.3	ND<0.020	ND<0.5	14.1	48	54.6	--	--	
	20.5	5/4/2016	ND<0.5	176	ND<0.5	ND<0.5	28.2	--	15.5	35.4	3.8	0.03	ND<0.5	19.7	62.8	68.5	--	--	
B5	1.0	5/4/2016	ND<0.5	66.2	ND<0.5	ND<0.5	16.4	--	10.4	10.7	ND<0.5	0.038	ND<0.5	8.7	27.4	37.6	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	215	ND<0.5	ND<0.5	16.2	--	10.6	17.2	1.1	0.047	ND<0.5	11.1	45	45.4	--	--	
	8.5	5/4/2016	ND<0.5	162	ND<0.5	ND<0.5	25.3	--	13.8	28	2.4	ND<0.020	ND<0.5	18.1	52.9	56.8	--	--	
	14.5	5/4/2016	ND<0.5	168	ND<0.5	ND<0.5	25	--	15.1	28.4	2.3	ND<0.020	ND<0.5	17.2	57.6	62	--	--	
	20.5	5/4/2016	ND<0.5	178	ND<0.5	ND<0.5	29.4	--	16.8	35	3.4	ND<0.020	ND<0.5	20.2	64.2	70.6	--	--	
B6	1.0	5/4/2016	ND<0.5	153	ND<0.5	ND<0.5	24	--	13.5	24.6	2.2	ND<0.020	ND<0.5	16	52.8	58.2	--	--	Leighton, 2016
	4.5	5/4/2016	ND<0.5	125	ND<0.5	ND<0.5	16.1	--	10.1	17.9	1	0.044	ND<0.5	11.4	43.2	41.1	--	--	
	8.5	5/4/2016	ND<0.5	197	ND<0.5	ND<0.5	31.8	--	18.7	37.9	5.1	ND<0.020	ND<0.5	23.6	67.3	78	--	--	
	14.5	5/4/2016	ND<0.5	90.7	ND<0.5	ND<0.5	10.9	--	7.1	11.9	ND<0.5	ND<0.020	ND<0.5	6.8	32.8	32.9	--	--	
	20.5	5/4/2016	ND<0.5	194	ND<0.5	ND<0.5	30	--	18.4	35.6	4.2	ND<0.020	ND<0.5	21.7	66.8	67.6	--	--	
B7	1.0	5/5/2016	ND<0.5	128	ND<0.5	ND<0.5	17.9	--	11	22.6	60	0.03	ND<0.5	10.8	41.1	62.8	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	189	ND<0.5	ND<0.5	29.7	--	16.9	33.4	3.8	0.036	ND<0.5	20.5	63.5	70.5	--	--	
	8.5	5/5/2016	ND<0.5	81.2	ND<0.5	ND<0.5	17.8	--	8	19.7	0.7	ND<0.020	ND<0.5	16.9	33.8	32.3	--	--	
	14.5	5/5/2016	ND<0.5	106	ND<0.5	ND<0.5	19	--	10.8	19.3	1	ND<0.020	ND<0.5	11.4	44.1	44	--	--	
	20.5	5/5/2016	ND<0.5	267	ND<0.5	ND<0.5	29.7	--	19.1	40.2	3.9	ND<0.020	ND<0.5	23	67.7	75.2	--	--	
B8	1.0	5/5/2016	ND<0.5	87.8	ND<0.5	ND<0.5	10.2	--	7.6	12.3	2.5	0.022	ND<0.5	6.8	28.2	40.4	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	184	ND<0.5	ND<0.5	29.5	--	17	32	2.8	ND<0.020	ND<0.5	20.8	64.3	67.8	--	--	
	8.5	5/5/2016	ND<0.5	153	ND<0.5	ND<0.5	22.4	--	13.8	25.2	1.8	ND<0.020	ND<0.5	15.5	52.9	50.6	--	--	
	8.5D	5/5/2016	ND<0.5	131	ND<0.5	ND<0.5	21.8	--	13.2	23.7	1.9	ND<0.020	ND<0.5	15.3	50.5	48.9	--	--	
	14.5	5/5/2016	ND<0.5	97	ND<0.5	ND<0.5	16	--	8.2	14.8	0.9	ND<0.020	ND<0.5	9	37.2	36.7	--	--	
	20.5	5/5/2016	ND<0.5	131	ND<0.5	ND<0.5	22.4	--	13.2	22.4	2.2	ND<0.020	ND<0.5	15.3	50.6	53.9	--	--	

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Metals Detected in Soil (mg/kg)														TPH Detected in Soil (mg/kg)		Data Source
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	DRO (C10-C28)	ORO (C29-C32)	
B9	1.0	5/5/2016	ND<0.5	116	ND<0.5	ND<0.5	14.3	--	10	18	4.7	ND<0.020	ND<0.5	9.8	37.2	57	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	190	ND<0.5	ND<0.5	29.5	--	16.7	33.3	3	ND<0.020	ND<0.5	21	62.8	68.4	--	--	
	8.5	5/5/2016	ND<0.5	158	ND<0.5	ND<0.5	25.7	--	14.2	25.8	2.1	ND<0.020	ND<0.5	17.7	56	56.1	--	--	
	14.5	5/5/2016	ND<0.5	124	ND<0.5	ND<0.5	13.6	--	9.8	15.2	ND<0.5	ND<0.020	ND<0.5	8.6	41.5	39.2	--	--	
	20.5	5/5/2016	ND<0.5	215	ND<0.5	ND<0.5	29.2	--	17.5	36.9	4.1	0.028	ND<0.5	21.2	65	68.2	--	--	
	25.5	5/5/2016	ND<0.5	111	ND<0.5	ND<0.5	17.7	--	10.3	18.8	2.3	ND<0.020	ND<0.5	11.3	43.3	46	--	--	
	30.5	5/5/2016	ND<0.5	112	ND<0.5	ND<0.5	18.7	--	11	20.1	2.1	ND<0.020	ND<0.5	12.4	49.9	44.6	--	--	
B10	1.0	5/5/2016	ND<0.5	169	ND<0.5	ND<0.5	24.6	--	14.1	25.6	5.2	ND<0.020	ND<0.5	16.7	56.1	69.3	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	221	ND<0.5	ND<0.5	29.6	--	18.1	36.5	3.1	ND<0.020	ND<0.5	22	66.7	73.7	--	--	
	8.5	5/5/2016	ND<0.5	236	ND<0.5	ND<0.5	34.6	--	19.6	39.3	3.4	ND<0.020	ND<0.5	24.9	72.6	77.3	--	--	
	14.5	5/5/2016	ND<0.5	97.8	ND<0.5	ND<0.5	13.6	--	8.2	13.6	ND<0.5	ND<0.020	ND<0.5	8.4	38.2	35.5	--	--	
	20.5	5/5/2016	ND<0.5	222	ND<0.5	ND<0.5	30.7	--	18.6	35.6	3	0.021	ND<0.5	22.1	71	71.3	--	--	
	25.5	5/5/2016	ND<0.5	214	ND<0.5	ND<0.5	30.4	--	15.9	51.5	3.1	ND<0.020	ND<0.5	19.9	79.8	65.6	--	--	
	30.5	5/5/2016	ND<0.5	139	ND<0.5	ND<0.5	16	--	13.5	18.2	1.8	ND<0.020	ND<0.5	12.5	48.6	53.1	--	--	
B11	1.0	5/5/2016	ND<0.5	152	ND<0.5	ND<0.5	22.3	--	12.7	29.4	3.3	ND<0.020	ND<0.5	15.9	50	122	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	206	ND<0.5	ND<0.5	30.2	--	17.1	30.5	2.8	ND<0.020	ND<0.5	20.7	64.8	77.6	--	--	
	8.5	5/5/2016	ND<0.5	221	ND<0.5	ND<0.5	33.9	--	18.7	42.7	3.1	ND<0.020	ND<0.5	24.6	71.7	77	--	--	
	14.5	5/5/2016	ND<0.5	199	ND<0.5	ND<0.5	31.6	--	17.8	32.6	3.2	ND<0.020	ND<0.5	21.4	67.3	77.7	--	--	
	20.5	5/5/2016	ND<0.5	174	ND<0.5	ND<0.5	24.7	--	14.8	28.8	1.8	ND<0.020	ND<0.5	17.3	59.8	61.5	--	--	
B12	1.0	5/5/2016	ND<0.5	221	ND<0.5	ND<0.5	32.8	--	21.3	35.6	5.8	ND<0.020	ND<0.5	23.4	73.1	86.3	--	--	Leighton, 2016
	5.0	5/5/2016	ND<0.5	218	ND<0.5	ND<0.5	32.4	--	18.2	34.3	3.1	ND<0.020	ND<0.5	23.3	68	75.4	--	--	
	5D	5/5/2016	ND<0.5	252	ND<0.5	ND<0.5	34.5	--	19.5	37.2	3.4	ND<0.020	ND<0.5	24.7	72.9	79.9	--	--	
	11.0	5/5/2016	ND<0.5	218	ND<0.5	ND<0.5	34.2	--	18.8	36	2.7	ND<0.020	ND<0.5	23.3	70.3	78.6	--	--	
	17.0	5/5/2016	ND<0.5	198	ND<0.5	ND<0.5	30.3	--	17.2	31.1	2.6	ND<0.020	ND<0.5	20.6	68.7	73.8	--	--	
B13	1.0	5/6/2016	ND<0.5	181	ND<0.5	ND<0.5	30.7	--	16.1	29.8	8.5	ND<0.020	ND<0.5	19.2	65.3	83.1	--	--	Leighton, 2016
	5.0	5/6/2016	ND<0.5	226	ND<0.5	ND<0.5	35.3	--	20.9	48.2	10.6	ND<0.020	ND<0.5	28.3	75.3	236	--	--	
	11.0	5/6/2016	ND<0.5	226	ND<0.5	ND<0.5	32.8	--	20.6	37	3.2	ND<0.020	ND<0.5	24.3	71.1	82	--	--	
	17.0	5/6/2016	ND<0.5	204	ND<0.5	ND<0.5	28.2	--	17.6	30.2	2.6	ND<0.020	ND<0.5	20.5	65.8	69.3	--	--	
B14	1.0	5/6/2016	ND<0.5	88.8	ND<0.5	ND<0.5	52	--	15.2	26.5	23.9	ND<0.020	ND<0.5	28.5	60.8	68.8	--	--	Leighton, 2016
	5.0	5/6/2016	ND<0.5	84.3	ND<0.5	ND<0.5	6.7	--	5.6	10.3	ND<0.5	ND<0.020	ND<0.5	2.3	38.7	21.7	--	--	
	11.0	5/6/2016	ND<0.5	179	ND<0.5	ND<0.5	26.7	--	15.2	28.8	2.1	ND<0.020	ND<0.5	18.9	57.1	63.5	--	--	
	17.0	5/6/2016	ND<0.5	190	ND<0.5	ND<0.5	30.6	--	15.8	30.9	3	ND<0.020	ND<0.5	20.2	63.1	68.5	--	--	

TABLE 1
Summary of Post Remediation Soil Investigation Results
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Metals Detected in Soil (mg/kg)														TPH Detected in Soil (mg/kg)		Data Source
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	DRO (C10-C28)	ORO (C29-C32)	
B15	1.0	5/6/2016	ND<0.5	47.5	ND<0.5	ND<0.5	45.4	--	16	19.5	7.8	ND<0.020	ND<0.5	27.5	51.6	52.6	--	--	Leighton, 2016
	4.0	5/6/2016	ND<0.5	253	ND<0.5	ND<0.5	24.4	--	13	23.8	6.2	0.042	ND<0.5	24.3	69.2	62.4	--	--	
	5.0	5/6/2016	ND<0.5	130	ND<0.5	ND<0.5	27.8	--	6.9	15.5	3.6	ND<0.020	ND<0.5	20.5	48.8	35.1	--	--	
LB1	1.0	5/6/2016	ND<0.5	148	ND<0.5	ND<0.5	24.9	--	12.8	26.1	5.6	ND<0.020	ND<0.5	17.1	46.7	65.9	--	--	Leighton, 2016
	4.5	5/6/2016	ND<0.5	145	ND<0.5	ND<0.5	22.8	--	13.1	26.9	4.1	ND<0.020	ND<0.5	15.4	51.7	60.9	--	--	
	8.5	5/6/2016	ND<0.5	210	ND<0.5	ND<0.5	28.7	--	17.2	28.5	2	ND<0.020	ND<0.5	20.6	62.5	74.7	--	--	
	14.5	5/6/2016	ND<0.5	212	ND<0.5	ND<0.5	31.4	--	19.7	44.6	3.9	ND<0.020	ND<0.5	23.3	72	82	--	--	
	20.5	5/6/2016	ND<0.5	156	ND<0.5	ND<0.5	26	--	16.1	35.9	6	0.024	ND<0.5	19.1	58.8	68.3	--	--	
LB2	1.0	5/6/2016	ND<0.5	59.5	ND<0.5	ND<0.5	7	--	4.5	9.3	0.8	ND<0.020	ND<0.5	14	37.5	27.4	67	128	Leighton, 2016
	4.5	5/6/2016	ND<0.5	246	ND<0.5	ND<0.5	8.1	--	19.2	17.9	1.4	ND<0.020	ND<0.5	8.2	83.8	58.6	--	--	
	8.5	5/6/2016	ND<0.5	188	ND<0.5	ND<0.5	27.4	--	17.3	30.7	2.7	ND<0.020	ND<0.5	17.9	65.6	71.5	--	--	
	14.5	5/6/2016	ND<0.5	191	ND<0.5	ND<0.5	28.2	--	17.5	30.7	2.6	ND<0.020	ND<0.5	20.6	64.8	68.6	--	--	
	20.5	5/6/2016	ND<0.5	250	ND<0.5	ND<0.5	32.8	--	21.6	44.9	4.3	ND<0.020	ND<0.5	25.4	73.9	83.2	--	--	
LB3	1.0	5/6/2016	ND<0.5	146	ND<0.5	ND<0.5	26.4	--	11	64.4	40.3	ND<0.020	ND<0.5	15.6	41	985	23	42	Leighton, 2016
	1D	5/6/2016	ND<0.5	194	ND<0.5	ND<0.5	28.7	--	16.2	37.2	5.4	ND<0.020	ND<0.5	21.2	63.1	104	--	--	
	4.5	5/6/2016	ND<0.5	184	ND<0.5	ND<0.5	32.4	--	17.5	38.3	4.2	ND<0.020	ND<0.5	24	66.3	77.2	--	--	
	8.5	5/6/2016	ND<0.5	94.4	ND<0.5	ND<0.5	6.6	--	6.3	6.8	0.9	0.046	ND<0.5	5.1	22	56.4	--	--	
	14.5	5/6/2016	ND<0.5	162	ND<0.5	ND<0.5	22.7	--	13.9	25	2.3	0.021	ND<0.5	16.3	54.9	57.9	--	--	
	20.5	5/6/2016	ND<0.5	173	ND<0.5	ND<0.5	30.5	--	16.9	31	3.4	ND<0.020	ND<0.5	21.5	66.2	71.5	--	--	
LB4	1.0	5/5/2016	ND<0.5	159	ND<0.5	ND<0.5	19.1	--	10.3	61.3	11.9	ND<0.020	ND<0.5	17.9	45.8	684	--	--	Leighton, 2016
	4.5	5/5/2016	ND<0.5	126	ND<0.5	ND<0.5	18.4	--	10.4	21.7	1.6	ND<0.020	ND<0.5	12.3	44.2	48	--	--	
	8.5	5/5/2016	ND<0.5	120	ND<0.5	ND<0.5	19.6	--	9.8	22.2	1.6	ND<0.020	ND<0.5	12.1	42.8	46.1	--	--	
	14.5	5/5/2016	ND<0.5	153	ND<0.5	ND<0.5	13.2	--	9.2	17.6	1.1	ND<0.020	ND<0.5	7.7	42.8	44	--	--	
	20.5	5/5/2016	ND<0.5	225	ND<0.5	ND<0.5	31.2	--	18.1	38.1	3.6	ND<0.020	ND<0.5	22.9	68.1	74.8	--	--	
LB5	1.0	5/5/2016	ND<0.5	183	ND<0.5	ND<0.5	27.2	--	15.6	33.4	4.9	ND<0.020	ND<0.5	19.5	57.7	87.7	--	--	Leighton, 2016
	1D	5/5/2016	ND<0.5	41.4	ND<0.5	ND<0.5	22.7	--	9.8	10.5	1.3	0.026	ND<0.5	21.3	31.8	28.4	--	--	
	4.5	5/5/2016	ND<0.5	189	ND<0.5	ND<0.5	26.9	--	16.2	30.9	2.7	0.052	ND<0.5	19.2	59	65.2	--	--	
	8.5	5/5/2016	ND<0.5	209	ND<0.5	ND<0.5	35.4	--	20.3	37.6	4.6	ND<0.020	ND<0.5	24.8	70.6	79.2	--	--	
	14.5	5/5/2016	ND<0.5	85.4	ND<0.5	ND<0.5	12.9	--	9.6	15.5	0.9	ND<0.020	ND<0.5	8.3	41.3	41.4	--	--	
	20.5	5/5/2016	ND<0.5	202	ND<0.5	ND<0.5	31.1	--	17.2	37.7	4	0.021	ND<0.5	21.7	66.5	72	--	--	

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777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Metals Detected in Soil (mg/kg)														TPH Detected in Soil (mg/kg)		Data Source
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	DRO (C10-C28)	ORO (C29-C32)	
LB6	1.0	5/5/2016	ND<0.5	260	ND<0.5	ND<0.5	35.7	--	19.9	45.6	4.2	ND<0.020	ND<0.5	26	75.1	81.7	79	356	Leighton, 2016
	5.0	5/5/2016	ND<0.5	205	ND<0.5	ND<0.5	30.1	--	17.1	32.6	2.7	ND<0.020	ND<0.5	21.6	65.4	73.7	--	--	
	11.0	5/5/2016	ND<0.5	190	ND<0.5	ND<0.5	28.7	--	16.3	33.3	3.2	ND<0.020	ND<0.5	20.6	63.2	68.8	--	--	
	17.0	5/5/2016	ND<0.5	147	ND<0.5	ND<0.5	23.4	--	13.8	30.7	2.9	ND<0.020	ND<0.5	15.7	57.3	57.6	--	--	
LB7	1.0	5/5/2016	ND<0.5	166	ND<0.5	ND<0.5	24.7	--	14.8	25.8	5.2	ND<0.020	ND<0.5	17.4	53.4	73.2	--	--	Leighton, 2016
	5.0	5/5/2016	ND<0.5	201	ND<0.5	ND<0.5	29.1	--	16.2	30.2	3.1	ND<0.020	ND<0.5	20.5	62.3	74.5	--	--	
	11.0	5/5/2016	ND<0.5	161	ND<0.5	ND<0.5	27.3	--	14.2	26.8	2.4	ND<0.020	ND<0.5	18.8	56.9	57.8	--	--	
	17.0	5/5/2016	ND<0.5	165	ND<0.5	ND<0.5	22.3	--	13.1	23	2.2	ND<0.020	ND<0.5	14.8	54	54.1	--	--	
LB8	1.0	5/5/2016	ND<0.5	179	ND<0.5	ND<0.5	27.7	--	14.8	29.4	8.2	ND<0.020	ND<0.5	19.1	58.1	83.4	--	--	Leighton, 2016
	5.0	5/5/2016	ND<0.5	227	ND<0.5	ND<0.5	35.1	--	20	38.2	4.2	0.062	ND<0.5	25.4	74.6	82	--	--	
	11.0	5/5/2016	ND<0.5	211	ND<0.5	ND<0.5	30	--	16.4	31.3	2.7	0.023	ND<0.5	20	64.8	71.7	--	--	
	17.0	5/5/2016	ND<0.5	182	ND<0.5	ND<0.5	25.8	--	14.9	26.9	2.4	ND<0.020	ND<0.5	17.4	61.1	60.4	--	--	
SS-1	5.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	15.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Metals Detected in Soil (mg/kg)														TPH Detected in Soil (mg/kg)		Data Source
			Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	DRO (C10-C28)	ORO (C29-C32)	
SS-2	5.0	6/28/2012	--	--		--	--	**1.10**	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	**6.2**	**75.7**	ND<0.25	ND<0.5	**33**	**0.96**	**7.02**	**244**	**1.67**	ND<0.0835	ND<0.25	**10.8**	**31.1**	**753**	--	--	
	15.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	**8.1**	**178**	**0.699**	**3.23**	**20.4**	ND<0.40	**30.6**	**79**	**2.21**	ND<0.0835	ND<0.25	**102**	**42.7**	**12,100**	--	--	
SS-3	5.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	**6.8**	**168**	**0.387**	ND<0.5	**23**	ND<0.40	**14.2**	**23.9**	**1.89**	ND<0.0835	ND<0.25	**17.6**	**44.5**	**63.8**	--	--	
	15.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	**7.8**	**234**	**0.436**	ND<0.5	**21.4**	ND<0.40	**14.4**	**26.9**	**2.44**	ND<0.0835	ND<0.25	**17.1**	**44.5**	**59.4**	--	--	
SS-4	5.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	15.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	--	--		--	--	**0.41**	--	--	--	--	--	--	--	--	--	--	
SS-5	5.0	6/28/2012	--	--		--	--	**1.3**	--	--	--	--	--	--	--	--	--	--	Geosyntec, 2012
	10.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	15.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
	20.0	6/28/2012	--	--		--	--	ND<0.40	--	--	--	--	--	--	--	--	--	--	
EPA Region 9 RSLs[3]			**12[4]**	**15,000**	**160**	**71**	**NA**	**0.3**	**23**	**3,100**	**400**	**11**	**390**	**1,500**	**390**	**23,000**	**96**	**230,000**	

Notes:

ft bgs = feet below ground surface

ND< = not detected above either the specified Reporting Limit (RL) (with the exception of the Geosyntec 2012 and 2016 metals data which is reported with the Detection Limit (DL).

µg/kg = microgram per kilogram

mg/kg - milligram per kilogram

NA = not available

Bold = detected above the RL

Bold = detected above the specified RBC or RSL

1. Constituents if not detected above the RL, are not included in this table.
2. Soil RBCs are Risk-Based Soil Concentration from Geosyntec's Human Health Risk Assessment dated May 2017. The RBCs used herein are the most conservative concentration of constituent among the various RBCs calculated for various land uses, receptors and cancer/non-cancer effects.
3. EPA Region 9 RSLs are Regional Screening Levels (TR=1E-06, THQ=1) as of May 2018. The RSLs used herein are for the Residential Soil scenario. The RSL presented for DRO are the "Total Petroleum Hydrocarbons (Aliphatic Medium)" RSLs and for ORO are the "Total Petroleum Hydrocarbons (Aliphatic High)" RSLs.
4. The regional background concentration of 12 mg/kg was used as comparison for Arsenic (CalEPA, DTSC, 2008)

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Units	1,1,1,2-Tetrachloroethane[1]	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Freon 11/Trichlorofluoromethane	Freon 113	Data Source
NP-1	19	11/16/2017	μg/m^3	ND<8	**1,100**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<40	Geosyntec, 2017
	19 (Replicate)	11/16/2017	μg/m^3	ND<8	**1,090**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<40	
	49	11/16/2017	μg/m^3	ND<8	**1,010**	ND<8	**192**	ND<8	ND<8	ND<8	ND<8	**10**	ND<8	ND<8	ND<8	**76**	
	70	11/16/2017	μg/m^3	ND<8	**455**	ND<8	**443**	ND<8	ND<8	ND<8	ND<8	**21**	ND<8	ND<8	ND<8	**98**	
	85	11/16/2017	μg/m^3	**11**	**157**	**260**	**1,090**	ND<8	ND<8	ND<8	ND<8	**22**	ND<8	ND<8	ND<8	ND<40	
NP-2	15	11/16/2017	μg/m^3	**145**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	**29**	**31**	ND<8	ND<8	ND<40	Geosyntec, 2017
	37	11/16/2017	μg/m^3	**147**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	**16**	ND<8	ND<8	ND<8	**41**	
	51	11/16/2017	μg/m^3	**514**	ND<8	ND<8	**45**	ND<8	ND<8	ND<8	ND<8	**93**	ND<8	ND<8	ND<8	**141**	
	81	11/16/2017	μg/m^3	**131**	ND<8	ND<8	**129**	ND<8	ND<8	ND<8	ND<8	**109**	ND<8	ND<8	ND<8	**108**	
NP-3	13	11/16/2017	μg/m^3	**502**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	**83**	ND<8	ND<8	ND<8	ND<40	Geosyntec, 2017
	33	11/16/2017	μg/m^3	**1,240**	**8**	ND<8	**14**	ND<8	ND<8	ND<8	ND<8	**98**	**20**	ND<8	ND<8	ND<40	
	53	11/16/2017	μg/m^3	**587**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	**181**	ND<8	ND<8	ND<8	ND<40	
NP-4	13	11/16/2017	μg/m^3	ND<8	**15**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<40	Geosyntec, 2017
	35	11/16/2017	μg/m^3	**5,530**	ND<8	ND<8	**26**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	**84**	
	51	11/16/2017	μg/m^3	**124**	ND<8	ND<8	**22**	ND<8	ND<8	ND<8	ND<8	**336**	ND<8	ND<8	ND<8	**46**	
	83	11/16/2017	μg/m^3	**31**	ND<8	ND<8	**61**	ND<8	ND<8	ND<8	ND<8	**1,040**	ND<8	ND<8	ND<8	**71**	
NP-5	15	11/16/2017	μg/m^3	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	**14**	ND<8	ND<8	ND<8	**42**	Geosyntec, 2017
	35	11/16/2017	μg/m^3	ND<8	ND<8	ND<8	**102**	ND<8	ND<8	ND<8	ND<8	**120**	ND<8	ND<8	ND<8	**229**	
	57	11/16/2017	μg/m^3	ND<8	ND<8	ND<8	**205**	ND<8	ND<8	ND<8	ND<8	**457**	ND<8	ND<8	ND<8	**116**	
NP-6	15	11/16/2017	μg/m^3	ND<8	**22**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<40	Geosyntec, 2017
	40	11/16/2017	μg/m^3	ND<8	ND<8	ND<8	**462**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<40	
	60	11/16/2017	μg/m^3	ND<8	**13**	ND<8	**502**	ND<8	ND<8	ND<8	ND<8	**22**	ND<8	ND<8	ND<8	ND<40	
	86	11/16/2017	μg/m^3	ND<8	ND<8	ND<8	**163**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<40	

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Units	1,1,1,2-Tetrachloroethane[1]	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Freon 11/Trichlorofluoromethane	Freon 113	Data Source
NP-7	17	11/16/2017	$\mu g/m^3$	ND<8	**19**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	**53**	Geosyntec, 2017
	17 (Replicate)	11/16/2017	$\mu g/m^3$	ND<8	**20**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	ND<8	**8**	**55**	
	35	11/16/2017	$\mu g/m^3$	ND<8	**14**	ND<8	**134**	ND<8	ND<8	ND<8	ND<8	**18**	ND<8	ND<8	**18**	**159**	
	53	11/16/2017	$\mu g/m^3$	ND<8	**20**	**9**	**991**	ND<8	ND<8	**14**	ND<8	**47**	ND<8	ND<8	ND<8	**117**	
NP-8	17	11/16/2017	$\mu g/m^3$	ND<8	**225**	ND<8	ND<8	ND<8	ND<8	**30**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<40	Geosyntec, 2017
	37	11/16/2017	$\mu g/m^3$	ND<8	**250**	ND<8	**109**	ND<8	ND<8	**34**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<40	
	37 (Replicate)	11/16/2017	$\mu g/m^3$	ND<8	**242**	ND<8	**103**	ND<8	ND<8	**32**	ND<8	ND<8	ND<8	ND<8	ND<8	ND<40	
	57	11/16/2017	$\mu g/m^3$	ND<8	**197**	ND<8	**1,210**	ND<8	ND<8	**9**	ND<8	ND<8	ND<8	ND<8	ND<8	**105**	
	80	11/16/2017	$\mu g/m^3$	ND<8	**196**	**30**	**3,840**	ND<8	ND<8	**27**	ND<8	**28**	ND<8	ND<8	ND<8	**186**	
A1	16.0	5/6/2016	$\mu g/m^3$	ND<8.0	**203**	ND<8.0	ND<8.0	ND<8.0	**11**	--	ND<8.0	ND<8.0	ND<8.0	**84.2**	ND<8.0	ND<40.0	Leighton, 2016
A2	16.0	5/6/2016	$\mu g/m^3$	ND<8.0	**182**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	**85.8**	ND<8.0	ND<40.0	Leighton, 2016
A3	20.5	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
A4	20.5	5/6/2016	$\mu g/m^3$	**243**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	**47.4**	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
A5	20.5	5/6/2016	$\mu g/m^3$	**847**	**26.6**	ND<8.0	ND<8.0	**20.2**	ND<8.0	--	**9**	**121**	ND<8.0	ND<8.0	ND<8.0	**66.4**	Leighton, 2016
A6	20.5	5/6/2016	$\mu g/m^3$	ND<8.0	**10.8**	ND<8.0	ND<8.0	**20.8**	ND<8.0	--	ND<8.0	**34.8**	ND<8.0	**34.2**	ND<8.0	**124**	Leighton, 2016
A7	20.5	5/6/2016	$\mu g/m^3$	ND<8.0	**22.2**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	**101**	**21.6**	ND<8.0	**29.4**	**290**	Leighton, 2016
A8	20.5	5/6/2016	$\mu g/m^3$	ND<8.0	**15**	ND<8.0	ND<8.0	**29**	ND<8.0	--	ND<8.0	**21.8**	ND<8.0	**35.4**	ND<8.0	**90.2**	Leighton, 2016
A9	30.5	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	**345**	ND<8.0	ND<8.0	--	ND<8.0	**29.2**	ND<8.0	ND<8.0	ND<8.0	**122**	Leighton, 2016
A10	30.5	5/6/2016	$\mu g/m^3$	ND<8.0	**19.4**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	**94.4**	Leighton, 2016
A11	20.5	5/6/2016	$\mu g/m^3$	ND<8.0	**25.8**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
A12	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**146**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
A13	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**6,060**	ND<8.0	**909**	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
	17 (Replicate)	5/6/2016	$\mu g/m^3$	ND<8.0	**5,880**	ND<8.0	**907**	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	
B2	16.5	5/6/2016	$\mu g/m^3$	ND<8.0	**67.6**	ND<8.0	ND<8.0	**65**	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	**105**	**10.8**	ND<40.0	Leighton, 2016
B3	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**28.2**	ND<8.0	ND<8.0	**124**	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	**335**	ND<8.0	ND<40.0	Leighton, 2016
B4	19.0	5/6/2016	$\mu g/m^3$	**48.2**	ND<8.0	ND<8.0	ND<8.0	**20.8**	**24.2**	--	ND<8.0	ND<8.0	ND<8.0	**30.5**	ND<8.0	ND<40.0	Leighton, 2016
B5	20.0	5/6/2016	$\mu g/m^3$	**103**	ND<8.0	ND<8.0	ND<8.0	**13.4**	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	**72.4**	ND<8.0	ND<40.0	Leighton, 2016
B8	20.5	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	**20.2**	**341**	ND<8.0	ND<8.0	--	ND<8.0	**58.7**	ND<8.0	ND<8.0	ND<8.0	**390**	Leighton, 2016
B9	30.5	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	**21.2**	**449**	**33**	**24.8**	--	ND<8.0	**78.6**	ND<8.0	**40.1**	ND<8.0	**385**	Leighton, 2016

TABLE 2
Summary of Post Remediation Soil Vapor Investigation Results
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Units	1,1,1,2-Tetrachloroethane[1]	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroform	cis-1,2-Dichloroethene	Ethylbenzene	Freon 11/Trichlorofluoromethane	Freon 113	Data Source
B10	30.5	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	**424**	ND<8.0	ND<8.0	--	ND<8.0	**55.2**	ND<8.0	ND<8.0	ND<8.0	**297**	Leighton, 2016
	30.5 (Replicate)	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	**417**	ND<8.0	ND<8.0	--	ND<8.0	**54.5**	ND<8.0	ND<8.0	ND<8.0	**296**	
B11	20.5	5/6/2016	$\mu g/m^3$	ND<8.0	**44.3**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	**89**	Leighton, 2016
B12	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**491**	ND<8.0	**71.4**	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
B13	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**107**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
B14	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**14.4**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
B15	4.0	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
LB1	15.0	5/6/2016	$\mu g/m^3$	ND<8.0	**39.2**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
LB1	20.5	5/6/2016	$\mu g/m^3$	ND<8.0	**167**	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
LB2	19.5	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	ND<8.0	**15.2**	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
LB3	20.0	5/6/2016	$\mu g/m^3$	**635**	**8**	ND<8.0	**242**	**26.9**	ND<8.0	--	ND<8.0	**67**	ND<8.0	**35.7**	ND<8.0	ND<40.0	Leighton, 2016
LB4	20.5	5/6/2016	$\mu g/m^3$	**10.6**	ND<8.0	ND<8.0	ND<8.0	**25.2**	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	**32**	ND<8.0	**107**	Leighton, 2016
LB5	14.5	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	**141**	Leighton, 2016
LB5	20.5	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	ND<8.0	**27.4**	ND<8.0	--	ND<8.0	**14.2**	ND<8.0	**23.2**	ND<8.0	**186**	Leighton, 2016
LB6	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**17.4**	ND<8.0	**67.6**	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<40.0	Leighton, 2016
LB7	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**85.6**	ND<8.0	**67.3**	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	**53.2**	Leighton, 2016
LB8	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**1,630**	ND<8.0	**937**	ND<8.0	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	**17.8**	ND<8.0	ND<40.0	Leighton, 2016
GSC HHRA Soil Vapor RBCs[2]			$\mu g/m^3$	**5.10E+03**	**1.10E+07**	**1.40E+04**	**5.70E+05**	**7.30E+02**	--	--	--	**1.10E+03**	**6.40E+04**	--	**1.30E+07**	**5.50E+08**	**Geosyntec, 2017**

TABLE 2
Summary of Post Remediation Soil Vapor Investigation Results
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Units	Freon 12/Dichlorodifluoromethane	m&p-Xylenes	n-Propylbenzene	p-Cymene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Data Source
NP-1	19	11/16/2017	µg/m^3	79	ND<8	ND<8	ND<8	**26,500**	ND<8	ND<8	38	--	--	Geosyntec, 2017
	19 (Replicate)	11/16/2017	µg/m^3	90	ND<8	ND<8	ND<8	**20,000**	ND<8	ND<8	82	--	--	
	49	11/16/2017	µg/m^3	1,720	ND<8	ND<8	ND<8	**21,800**	ND<8	ND<8	54	--	--	
	70	11/16/2017	µg/m^3	2,530	ND<8	ND<8	ND<8	**13,200**	ND<8	ND<8	86	--	--	
	85	11/16/2017	µg/m^3	2,900	ND<8	ND<8	ND<8	**46,200**	ND<8	ND<8	508	--	--	
NP-2	15	11/16/2017	µg/m^3	357	ND<8	ND<8	ND<8	**1,270,000**	ND<8	ND<8	3,350	--	--	Geosyntec, 2017
	37	11/16/2017	µg/m^3	ND<8	ND<8	ND<8	ND<8	**1,450,000**	ND<8	ND<8	2,600	--	--	
	51	11/16/2017	µg/m^3	ND<8	ND<8	ND<8	ND<8	**3,150,000**	10	8	3,990	--	--	
	81	11/16/2017	µg/m^3	ND<8	ND<8	ND<8	ND<8	**1,570,000**	ND<8	ND<8	3,380	--	--	
NP-3	13	11/16/2017	µg/m^3	208	ND<8	ND<8	ND<8	**5,120,000**	ND<8	10	**5,120**	--	--	Geosyntec, 2017
	33	11/16/2017	µg/m^3	471	ND<8	ND<8	ND<8	**8,030,000**	20	10	**4,790**	--	--	
	53	11/16/2017	µg/m^3	ND<8	ND<8	ND<8	ND<8	**3,480,000**	ND<8	ND<8	3,210	--	--	
NP-4	13	11/16/2017	µg/m^3	485	ND<8	ND<8	ND<8	**1,890,000**	ND<8	ND<8	2,340	--	--	Geosyntec, 2017
	35	11/16/2017	µg/m^3	ND<8	ND<8	ND<8	ND<8	**1,790,000**	ND<8	ND<8	3,430	--	--	
	51	11/16/2017	µg/m^3	762	ND<8	ND<8	ND<8	**684,000**	ND<8	ND<8	2,550	--	--	
	83	11/16/2017	µg/m^3	ND<8	ND<8	ND<8	ND<8	**781,000**	ND<8	ND<8	**4,950**	--	--	
NP-5	15	11/16/2017	µg/m^3	303	ND<8	ND<8	ND<8	**6,610**	ND<8	ND<8	**7,320**	--	--	Geosyntec, 2017
	35	11/16/2017	µg/m^3	1,940	ND<8	ND<8	ND<8	**20,800**	ND<8	ND<8	**18,900**	--	--	
	57	11/16/2017	µg/m^3	1,070	ND<8	ND<8	ND<8	**18,000**	ND<8	ND<8	**11,700**	--	--	
NP-6	15	11/16/2017	µg/m^3	60	ND<8	ND<8	ND<8	5,580	ND<8	ND<8	13	--	--	Geosyntec, 2017
	40	11/16/2017	µg/m^3	ND<8	ND<8	ND<8	ND<8	5,580	ND<8	ND<8	178	--	--	
	60	11/16/2017	µg/m^3	329	ND<8	ND<8	ND<8	4,440	ND<8	ND<8	678	--	--	
	86	11/16/2017	µg/m^3	ND<8	ND<8	ND<8	ND<8	5,220	ND<8	ND<8	173	--	--	

TABLE 2
Summary of Post Remediation Soil Vapor Investigation Results
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Units	Freon 12/Dichlorodifluoromethane	m&p-Xylenes	n-Propylbenzene	p-Cymene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Data Source
NP-7	17	11/16/2017	$\mu g/m^3$	624	ND<8	ND<8	ND<8	5,450	ND<8	ND<8	28	--	--	Geosyntec, 2017
	17 (Replicate)	11/16/2017	$\mu g/m^3$	625	ND<8	ND<8	ND<8	5,920	ND<8	ND<8	20	--	--	
	35	11/16/2017	$\mu g/m^3$	1,830	ND<8	ND<8	ND<8	7,920	ND<8	ND<8	1,160	--	--	
	53	11/16/2017	$\mu g/m^3$	1,040	ND<8	ND<8	ND<8	8,410	ND<8	ND<8	3,080	--	--	
NP-8	17	11/16/2017	$\mu g/m^3$	33	ND<8	ND<8	ND<8	2,290	ND<8	ND<8	ND<8	--	--	Geosyntec, 2017
	37	11/16/2017	$\mu g/m^3$	184	ND<8	ND<8	ND<8	3,440	ND<8	ND<8	18	--	--	
	37 (Replicate)	11/16/2017	$\mu g/m^3$	181	ND<8	ND<8	ND<8	2,900	ND<8	ND<8	17	--	--	
	57	11/16/2017	$\mu g/m^3$	363	ND<8	ND<8	ND<8	3,370	ND<8	ND<8	429	--	--	
	80	11/16/2017	$\mu g/m^3$	450	ND<8	ND<8	ND<8	5,980	ND<8	ND<8	2,310	--	--	
A1	16.0	5/6/2016	$\mu g/m^3$	110	550	16.2	51.8	9,860	281	--	143	288	144	Leighton, 2016
A2	16.0	5/6/2016	$\mu g/m^3$	111	590	16.4	50	6,680	244	--	110	329	174	Leighton, 2016
A3	20.5	5/6/2016	$\mu g/m^3$	109	ND<8.0	ND<8.0	ND<8.0	56,500	15	--	59.8	ND<8.0	ND<8.0	Leighton, 2016
A4	20.5	5/6/2016	$\mu g/m^3$	191	8	ND<8.0	18.8	1,080,000	9.4	--	4,350	11	ND<8.0	Leighton, 2016
A5	20.5	5/6/2016	$\mu g/m^3$	331	ND<8.0	ND<8.0	ND<8.0	3,120,000	84	--	8,400	ND<8.0	ND<8.0	Leighton, 2016
A6	20.5	5/6/2016	$\mu g/m^3$	505	187	ND<8.0	ND<8.0	105,000	234	--	2,020	31.8	ND<8.0	Leighton, 2016
A7	20.5	5/6/2016	$\mu g/m^3$	978	ND<8.0	ND<8.0	ND<8.0	38,000	ND<8.0	--	40,500	ND<8.0	ND<8.0	Leighton, 2016
A8	20.5	5/6/2016	$\mu g/m^3$	326	213	ND<8.0	38.8	12,900	204	--	1,820	47.6	ND<8.0	Leighton, 2016
A9	30.5	5/6/2016	$\mu g/m^3$	454	ND<8.0	ND<8.0	ND<8.0	8,010	ND<8.0	--	2,140	ND<8.0	ND<8.0	Leighton, 2016
A10	30.5	5/6/2016	$\mu g/m^3$	307	31.4	ND<8.0	ND<8.0	8,810	60.6	--	801	ND<8.0	ND<8.0	Leighton, 2016
A11	20.5	5/6/2016	$\mu g/m^3$	66	59	ND<8.0	ND<8.0	1,800	67.6	--	30.8	22.2	ND<8.0	Leighton, 2016
A12	17.0	5/6/2016	$\mu g/m^3$	38.8	32.2	ND<8.0	ND<8.0	972	72	--	94.4	ND<8.0	ND<8.0	Leighton, 2016
A13	17.0	5/6/2016	$\mu g/m^3$	22.2	ND<8.0	ND<8.0	ND<8.0	845	52.4	--	82.6	ND<8.0	ND<8.0	Leighton, 2016
	17 (Replicate)	5/6/2016	$\mu g/m^3$	23.6	ND<8.0	ND<8.0	ND<8.0	1,070	ND<8.0	--	243	ND<8.0	ND<8.0	
B2	16.5	5/6/2016	$\mu g/m^3$	116	628	ND<8.0	23.2	3,310	574	--	78.4	124	31.8	Leighton, 2016
B3	17.0	5/6/2016	$\mu g/m^3$	32.8	1,850	67.6	4,050	11,300	1,290	--	69.6	619	177	Leighton, 2016
B4	19.0	5/6/2016	$\mu g/m^3$	90.8	182	ND<8.0	60.6	1,030,000	127	--	431	56.9	20.4	Leighton, 2016
B5	20.0	5/6/2016	$\mu g/m^3$	269	85.2	ND<8.0	27.9	1,410,000	72.5	--	373	20	ND<8.0	Leighton, 2016
B8	20.5	5/6/2016	$\mu g/m^3$	3,060	ND<8.0	ND<8.0	ND<8.0	14,600	11.3	--	6,380	ND<8.0	ND<8.0	Leighton, 2016
B9	30.5	5/6/2016	$\mu g/m^3$	2,400	235	ND<8.0	36.3	14,400	171	--	8,270	71.1	26.2	Leighton, 2016

TABLE 2
Summary of Post Remediation Soil Vapor Investigation Results
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Units	Freon 12/Dichlorodifluoromethane	m&p-Xylenes	n-Propylbenzene	p-Cymene	Tetrachloroethene (PCE)	Toluene	trans-1,2-Dichloroethene	Trichloroethene (TCE)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Data Source
B10	30.5	5/6/2016	$\mu g/m^3$	**1,730**	ND<8.0	ND<8.0	ND<8.0	**13,300**	**11.9**	--	**4,540**	ND<8.0	ND<8.0	Leighton, 2016
	30.5 (Replicate)	5/6/2016	$\mu g/m^3$	**1,690**	ND<8.0	ND<8.0	ND<8.0	**13,800**	**16.1**	--	**4,400**	ND<8.0	ND<8.0	
B11	20.5	5/6/2016	$\mu g/m^3$	**312**	ND<8.0	ND<8.0	**22.6**	**3,630**	ND<8.0	--	**19.1**	ND<8.0	ND<8.0	Leighton, 2016
B12	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	ND<8.0	**5,790**	ND<8.0	--	ND<8.0	ND<8.0	ND<8.0	Leighton, 2016
B13	17.0	5/6/2016	$\mu g/m^3$	**11.6**	ND<8.0	ND<8.0	ND<8.0	**323**	**10**	--	**17**	ND<8.0	ND<8.0	Leighton, 2016
B14	17.0	5/6/2016	$\mu g/m^3$	**8.2**	**27**	ND<8.0	ND<8.0	**143**	**80.6**	--	**41.4**	ND<8.0	ND<8.0	Leighton, 2016
B15	4.0	5/6/2016	$\mu g/m^3$	**16.6**	ND<8.0	ND<8.0	ND<8.0	**222**	**18.4**	--	**31.8**	ND<8.0	ND<8.0	Leighton, 2016
LB1	15.0	5/6/2016	$\mu g/m^3$	**43.4**	**11.6**	ND<8.0	ND<8.0	**423**	**76**	--	**38**	ND<8.0	ND<8.0	Leighton, 2016
LB1	20.5	5/6/2016	$\mu g/m^3$	**33**	ND<8.0	ND<8.0	ND<8.0	**11,000**	**45.4**	--	**332**	ND<8.0	ND<8.0	Leighton, 2016
LB2	19.5	5/6/2016	$\mu g/m^3$	**99.2**	ND<8.0	ND<8.0	ND<8.0	**63,200**	**68.2**	--	**110**	ND<8.0	ND<8.0	Leighton, 2016
LB3	20.0	5/6/2016	$\mu g/m^3$	**200**	**35.3**	ND<8.0	ND<8.0	**10,600,000**	**114**	--	**4,930**	ND<8.0	ND<8.0	Leighton, 2016
LB4	20.5	5/6/2016	$\mu g/m^3$	**698**	**156**	ND<8.0	**18.3**	**544,000**	**175**	--	**648**	**10.6**	ND<8.0	Leighton, 2016
LB5	14.5	5/6/2016	$\mu g/m^3$	**754**	**21.4**	ND<8.0	ND<8.0	**11,800**	**54.7**	--	**881**	ND<8.0	ND<8.0	Leighton, 2016
LB5	20.5	5/6/2016	$\mu g/m^3$	**927**	**115**	ND<8.0	**16.9**	**12,400**	**169**	--	**1,500**	**12.3**	ND<8.0	Leighton, 2016
LB6	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	ND<8.0	ND<8.0	ND<8.0	**1,590**	ND<8.0	--	**115**	ND<8.0	ND<8.0	Leighton, 2016
LB7	17.0	5/6/2016	$\mu g/m^3$	**185**	ND<8.0	ND<8.0	ND<8.0	**3,280**	ND<8.0	--	**42**	ND<8.0	ND<8.0	Leighton, 2016
LB8	17.0	5/6/2016	$\mu g/m^3$	ND<8.0	**89.1**	ND<8.0	**8.6**	**14,600**	**97.4**	--	**173**	ND<8.0	ND<8.0	Leighton, 2016
GSC HHRA Soil Vapor RBCs[2]			$\mu g/m^3$	**9.30E+05**	NA	--	--	**6.00E+03**	**2.70E+06**	--	**4.70E+03**	--	--	**Geosyntec, 2017**

Notes:
ft bgs = feet below ground surface
ND< = not detetcetd above the specified Reporting Limit (RL)
$\mu g/m^3$ = microgram per cubic meter
Bold = detected above the RL
Bold = = detected above the specified RBCs
1. Constituents if not detected above the RL are not included in this table.
2. Soil Vapor RBCs are Risk-Based Soil Vapor Concentration from Geosyntec's Human Health Risk Assessment dated May 2017. The RBCs used herein are the most conservative concentration of the relative constituents among the various RBCs calculated for various receptors, building floor scenarios, soil vapor concentration depth and cancer/non-cancer effects.

TABLE 3
Comparing Soil Vapor Results with Depth Specific Screening Levels
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Units	Tetrachloroethene (PCE)		Trichloroethene (TCE)		Data Source
				Depth Specific GSC HHRA RBC[1]	2017 Soil Vapor Sampling Results	Depth Specific GSC HHRA RBC[1]	2017 Soil Vapor Sampling Results	
NP-1	19	11/16/2017	$\mu g/m^3$	2.70E+04	**26,500**	2.00E+04	**38**	Geosyntec, 2017
	19 (Replicate)	11/16/2017	$\mu g/m^3$	2.70E+04	**20,000**	2.00E+04	**82**	
	49	11/16/2017	$\mu g/m^3$	NA	**21,800**	NA	**54**	
	70	11/16/2017	$\mu g/m^3$	NA	**13,200**	NA	**86**	
	85	11/16/2017	$\mu g/m^3$	NA	**46,200**	NA	**508**	
NP-2	15	11/16/2017	$\mu g/m^3$	2.30E+04	**1,270,000**	1.80E+04	**3,350**	Geosyntec, 2017
	37	11/16/2017	$\mu g/m^3$	3.30E+04	**1,450,000**	2.50E+04	**2,600**	
	51	11/16/2017	$\mu g/m^3$	NA	**3,150,000**	NA	**3,990**	
	81	11/16/2017	$\mu g/m^3$	NA	**1,570,000**	NA	**3,380**	
NP-3	13	11/16/2017	$\mu g/m^3$	2.30E+04	**5,120,000**	1.80E+04	**5,120**	Geosyntec, 2017
	33	11/16/2017	$\mu g/m^3$	3.30E+04	**8,030,000**	2.50E+04	**4,790**	
	53	11/16/2017	$\mu g/m^3$	NA	**3,480,000**	NA	**3,210**	
NP-4	13	11/16/2017	$\mu g/m^3$	2.30E+04	**1,890,000**	1.80E+04	**2,340**	Geosyntec, 2017
	35	11/16/2017	$\mu g/m^3$	3.30E+04	**1,790,000**	2.50E+04	**3,430**	
	51	11/16/2017	$\mu g/m^3$	NA	**684,000**	NA	**2,550**	
	83	11/16/2017	$\mu g/m^3$	NA	**781,000**	NA	**4,950**	
NP-5	15	11/16/2017	$\mu g/m^3$	2.30E+04	**6,610**	1.80E+04	**7,320**	Geosyntec, 2017
	35	11/16/2017	$\mu g/m^3$	3.30E+04	**20,800**	2.50E+04	**18,900**	
	57	11/16/2017	$\mu g/m^3$	NA	**18,000**	NA	**11,700**	
NP-6	15	11/16/2017	$\mu g/m^3$	2.30E+04	**5,580**	1.80E+04	**13**	Geosyntec, 2017
	40	11/16/2017	$\mu g/m^3$	3.30E+04	**5,580**	2.50E+04	**178**	
	60	11/16/2017	$\mu g/m^3$	NA	**4,440**	NA	**678**	
	86	11/16/2017	$\mu g/m^3$	NA	**5,220**	NA	**173**	
NP-7	17	11/16/2017	$\mu g/m^3$	2.30E+04	**5,450**	1.80E+04	**28**	Geosyntec, 2017
	17 (Replicate)	11/16/2017	$\mu g/m^3$	2.30E+04	**5,920**	1.80E+04	**20**	
	35	11/16/2017	$\mu g/m^3$	3.30E+04	**7,920**	2.50E+04	**1,160**	
	53	11/16/2017	$\mu g/m^3$	NA	**8,410**	NA	**3,080**	
NP-8	17	11/16/2017	$\mu g/m^3$	2.30E+04	**2,290**	1.80E+04	ND<8	Geosyntec, 2017
	37	11/16/2017	$\mu g/m^3$	3.30E+04	**3,440**	2.50E+04	**18**	
	37 (Replicate)	11/16/2017	$\mu g/m^3$	3.30E+04	**2,900**	2.50E+04	**17**	
	57	11/16/2017	$\mu g/m^3$	NA	**3,370**	NA	**429**	
	80	11/16/2017	$\mu g/m^3$	NA	**5,980**	NA	**2,310**	
A1	16.0	5/6/2016	$\mu g/m^3$	2.30E+04	**9,860**	1.80E+04	**143**	Leighton, 2016
A2	16.0	5/6/2016	$\mu g/m^3$	2.30E+04	**6,680**	1.80E+04	**110**	Leighton, 2016
A3	20.5	5/6/2016	$\mu g/m^3$	2.70E+04	**56,500**	2.00E+04	**59.8**	Leighton, 2016
A4	20.5	5/6/2016	$\mu g/m^3$	2.70E+04	**1,080,000**	2.00E+04	**4,350**	Leighton, 2016
A5	20.5	5/6/2016	$\mu g/m^3$	2.70E+04	**3,120,000**	2.00E+04	**8,400**	Leighton, 2016
A6	20.5	5/6/2016	$\mu g/m^3$	2.70E+04	**105,000**	2.00E+04	**2,020**	Leighton, 2016
A7	20.5	5/6/2016	$\mu g/m^3$	2.70E+04	**38,000**	2.00E+04	**40,500**	Leighton, 2016

Sample Location/ID	Sample Depth (ft bgs)	Sample Date	Units	Tetrachloroethene (PCE)		Trichloroethene (TCE)		Data Source
				Depth Specific GSC HHRA RBC[1]	2017 Soil Vapor Sampling Results	Depth Specific GSC HHRA RBC[1]	2017 Soil Vapor Sampling Results	
A8	20.5	5/6/2016	µg/m³	2.70E+04	**12,900**	2.00E+04	**1,820**	Leighton, 2016
A9	30.5	5/6/2016	µg/m³	3.30E+04	**8,010**	2.50E+04	**2,140**	Leighton, 2016
A10	30.5	5/6/2016	µg/m³	3.30E+04	**8,810**	2.50E+04	**801**	Leighton, 2016
A11	20.5	5/6/2016	µg/m³	2.70E+04	**1,800**	2.00E+04	**30.8**	Leighton, 2016
A12	17.0	5/6/2016	µg/m³	2.30E+04	**972**	1.80E+04	**94.4**	Leighton, 2016
A13	17.0	5/6/2016	µg/m³	2.30E+04	**845**	1.80E+04	**82.6**	Leighton, 2016
	17 (Replicate)	5/6/2016	µg/m³	2.30E+04	**1,070**	1.80E+04	**243**	
B2	16.5	5/6/2016	µg/m³	2.30E+04	**3,310**	1.80E+04	**78.4**	Leighton, 2016
B3	17.0	5/6/2016	µg/m³	2.30E+04	**11,300**	1.80E+04	**69.6**	Leighton, 2016
B4	19.0	5/6/2016	µg/m³	2.30E+04	**1,030,000**	1.80E+04	**431**	Leighton, 2016
B5	20.0	5/6/2016	µg/m³	2.30E+04	**1,410,000**	1.80E+04	**373**	Leighton, 2016
B8	20.5	5/6/2016	µg/m³	2.70E+04	**14,600**	2.00E+04	**6,380**	Leighton, 2016
B9	30.5	5/6/2016	µg/m³	3.30E+04	**14,400**	2.50E+04	**8,270**	Leighton, 2016
B10	30.5	5/6/2016	µg/m³	3.30E+04	**13,300**	2.50E+04	**4,540**	Leighton, 2016
	30.5 (Replicate)	5/6/2016	µg/m³	3.30E+04	**13,800**	2.50E+04	**4,400**	
B11	20.5	5/6/2016	µg/m³	2.70E+04	**3,630**	2.00E+04	**19.1**	Leighton, 2016
B12	17.0	5/6/2016	µg/m³	2.30E+04	**5,790**	1.80E+04	ND<8.0	Leighton, 2016
B13	17.0	5/6/2016	µg/m³	2.30E+04	**323**	1.80E+04	**17**	Leighton, 2016
B14	17.0	5/6/2016	µg/m³	2.30E+04	**143**	1.80E+04	**41.4**	Leighton, 2016
B15	4.0	5/6/2016	µg/m³	6.00E+03	**222**	4.70E+03	**31.8**	Leighton, 2016
LB1	15.0	5/6/2016	µg/m³	2.30E+04	**423**	1.80E+04	**38**	Leighton, 2016
LB1	20.5	5/6/2016	µg/m³	2.70E+04	**11,000**	2.00E+04	**332**	Leighton, 2016
LB2	19.5	5/6/2016	µg/m³	2.30E+04	**63,200**	1.80E+04	**110**	Leighton, 2016
LB3	20.0	5/6/2016	µg/m³	2.30E+04	**10,600,000**	1.80E+04	**4,930**	Leighton, 2016
LB4	20.5	5/6/2016	µg/m³	2.70E+04	**544,000**	2.00E+04	**648**	Leighton, 2016
LB5	14.5	5/6/2016	µg/m³	2.30E+04	**11,800**	1.80E+04	**881**	Leighton, 2016
LB5	20.5	5/6/2016	µg/m³	2.70E+04	**12,400**	2.00E+04	**1,500**	Leighton, 2016
LB6	17.0	5/6/2016	µg/m³	2.30E+04	**1,590**	1.80E+04	**115**	Leighton, 2016
LB7	17.0	5/6/2016	µg/m³	2.30E+04	**3,280**	1.80E+04	**42**	Leighton, 2016
LB8	17.0	5/6/2016	µg/m³	2.30E+04	**14,600**	1.80E+04	**173**	Leighton, 2016

Notes:
ft bgs = feet below ground surface
Bold = detected above the RL
Highlighted = exceeds Depth Specific GSC HHRA RBCs

1. Since PCE and TCE concentrations exceeded the worst case scenario soil vapor screening levels (calculated for concentrations at 4 ft bgs as shown in Table 2), the nearest depth specific RBC was instead used for comparison in this table from Geosyntec's Human Health Risk Assessment dated May 2017.

TABLE 4
Cumulative Cancer Risk and Noncancer Hazard, Soil, Future Resident
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
A1	1	7.1	-- (a)	-- (a)		
	4.5	3.9	-- (a)	-- (a)		
	8.5	4.2	--	1E-03		
A2	1	3.2	9E-09	5E-05		
	4.5	3.1	2E-09	1E-05		
	8.5	0.6	-- (a)	-- (a)		
A3	1	26.1	9E-09	6E-01		
	4.5	3.4	1E-08	6E-05		
	8.5	2.8	1E-08	6E-05		
A4	1	14.8	**3E-06**	2E-01	PCE	
	4.5	0.8	5E-08	3E-04		
	8.5	0.8	1E-07	9E-04		
A5	1.25	2.8	9E-07	5E-03		
	4.5	1.5	3E-08	2E-04		
A5B	1	74.9	3E-07	5E-01		
	4.5	1.4	4E-08	2E-04		
	8.5	1.6	2E-08	9E-05		
A6	1	1.5	-- (a)	-- (a)		
	4.5	74.5	**4E-06**	5E-01	CrVI	
	8.5	59.5	**9E-06**	2E-01	CrVI	
A7	1	15.9	5E-08	6E-03		
	3.5	**1110**	**4E-06**	**4E+00**	PCE; TCE	Copper
	8.5	99.5	2E-09	2E-01		
A8	1	4.1	2E-08	3E-04		
	4.5	4.2	1E-08	6E-05		
	8.5	1.4	2E-09	8E-06		
A9	1	4	7E-09	1E-04		
	4.5	3	5E-09	3E-05		
	8.5	1.3	-- (a)	-- (a)		
A10	1	6.2	7E-09	4E-05		
A11	1	9.6	--	3E-02		
	4.5	2.2	-- (a)	-- (a)		
	8.5	3.1	-- (a)	-- (a)		
A12	1	6.8	-- (a)	-- (a)		
	5	4.2	--	1E-03		
	11	4.2	-- (a)	-- (a)		
A13	1	4	-- (a)	-- (a)		
	5	4.1	-- (a)	-- (a)		
	11	3.2	-- (a)	-- (a)		

TABLE 4
Cumulative Cancer Risk and Noncancer Hazard, Soil, Future Resident
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
B1	1	6.8	-- [(a)]	-- [(a)]		
	4.5	5.5	3E-08	2E-04		
	8.5	6.5	2E-09	1E-05		
B2	1	3	1E-08	7E-05		
	4.5	4.1	2E-09	1E-05		
	8.5	1.2	-- [(a)]	-- [(a)]		
B3	1	19.1	2E-08	5E-02		
	4.5	2.1	8E-09	4E-05		
	8.5	2.6	1E-09	7E-06		
B4	1	108	**4E-06**	3E-01	PCE	
	4.5	2.7	3E-08	4E-02		
	8.5	0.7	2E-08	1E-04		
B5	1	ND	3E-08	2E-04		
	4.5	1.1	2E-07	8E-04		
	8.5	2.4	2E-07	9E-04		
B6	1	2.2	3E-08	2E-04		
	4.5	1	3E-08	2E-04		
	8.5	5.1	2E-08	1E-04		
B7	1	59.6	8E-09	2E-04		
	4.5	3.8	3E-08	1E-03		
	8.5	0.7	-- [(a)]	-- [(a)]		
B8	1	2.5	3E-08	2E-03		
	4.5	2.8	4E-09	1E-04		
	8.5	1.9	7E-09	2E-04		
B9	1	4.7	2E-09	1E-05		
	4.5	3	2E-09	1E-05		
	8.5	2.1	2E-09	1E-05		
B10	1	5.2	2E-09	1E-05		
	4.5	3.1	5E-09	2E-05		
	8.5	3.4	3E-09	2E-05		
B11	1	3.3	-- [(a)]	-- [(a)]		
	4.5	2.8	8E-09	4E-05		
	8.5	3.1	3E-09	1E-05		
B12	1	5.8	2E-08	3E-04		
	5	3.4	3E-09	2E-05		
	11	2.7	1E-09	7E-06		
B13	1	8.5	-- [(a)]	-- [(a)]		
	5	10.6	2E-09	1E-05		
	11	3.2	1E-09	7E-06		

TABLE 4
Cumulative Cancer Risk and Noncancer Hazard, Soil, Future Resident
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
B14	1	23.9	--	1E-03		
	5	ND	-- (a)	-- (a)		
	11	2.1	-- (a)	-- (a)		
B15	1	7.8	--	1E-03		
	4	6.2	-- (a)	-- (a)		
	5	3.6	2E-10	1E-06		
LB1	1	5.6	3E-09	2E-05		
	4.5	4.1	2E-09	9E-06		
	8.5	2	2E-09	1E-05		
LB2	1	0.8	3E-08	3E-04		
	4.5	1.4	2E-09	1E-05		
	8.5	2.7	2E-09	1E-05		
LB3	1	40.3	5E-08	6E-02		
	4.5	4.2	2E-08	1E-04		
	8.5	0.9	9E-09	5E-05		
LB4	1	11.9	5E-09	3E-02		
	4.5	1.6	3E-08	1E-04		
	8.5	1.6	6E-09	3E-05		
LB5	1	4.9	-- (a)	-- (a)		
	4.5	2.7	2E-08	6E-04		
	8.5	4.6	4E-09	2E-05		
LB6	1	4.2	1E-09	1E-03		
	5	2.7	-- (a)	-- (a)		
	11	3.2	-- (a)	-- (a)		
LB7	1	5.2	4E-09	2E-05		
	5	3.1	-- (a)	-- (a)		
	11	2.4	1E-09	6E-06		
LB8	1	8.2	2E-07	1E-03		
	5	4.2	2E-08	1E-04		
	11	2.7	3E-09	2E-05		
SS-1	5	--	-- (a)	-- (a)		
	10	--	-- (a)	-- (a)		
SS-2	5	--	**4E-06**	5E-03	CrVI	
	10	1.67	**3E-06**	1E-01	CrVI	
SS-3	5	--	-- (a)	-- (a)		
	10	1.89	3E-12	2E-03		
SS-4	5	--	-- (a)	-- (a)		
	10	--	-- (a)	-- (a)		
SS-5	5	--	**4E-06**	6E-03	CrVI	
	10	--	-- (a)	-- (a)		

TABLE 4
Cumulative Cancer Risk and Noncancer Hazard, Soil, Future Resident
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
NP-1	12	--	5E-10	3E-06		
NP-2	6	--	3E-08	2E-04		
NP-3	12	--	1E-07	5E-04		
NP-4	10	--	1E-08	7E-05		

Notes:

" -- " not applicable; ft bgs - feet below ground surface; " ND " not detected above method detection limit

PCE - tetrachloroethylene; TCE - trichloroethylene; CrVI - hexavalent chromium

* Lead is not quantitatively evaluated as part of the cancer risk and noncancer hazard estimates. Lead concentrations are compared to USEPA Region 9 RSL for residential use of 400 mg/kg.

(a): No chemicals were detected and/or all metals considered within background.

Target cancer risk (CR) = 10^{-6} and target noncancer hazard index (HI) = 1

Shaded/bold: indicates cumulative risk > target risk, cumulative hazard > target hazard; and/or Pb concentration > RSL

Risk drivers are those chemicals that have a cancer risk > target CR or a noncancer hazard > target HI

TABLE 5
Cumulative Cancer Risk and Noncancer Hazard, Soil, Future Commercial Worker
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
A1	1	7.1	-- (a)	-- (a)		
	4.5	3.9	-- (a)	-- (a)		
	8.5	4.2	--	1E-03		
A2	1	3.2	9E-09	5E-05		
	4.5	3.1	2E-09	1E-05		
	8.5	0.6	-- (a)	-- (a)		
A3	1	26.1	9E-09	6E-01		
	4.5	3.4	1E-08	6E-05		
	8.5	2.8	1E-08	6E-05		
A4	1	14.8	**3E-06**	2E-01	PCE	
	4.5	0.8	5E-08	3E-04		
	8.5	0.8	1E-07	9E-04		
A5	1.25	2.8	9E-07	5E-03		
	4.5	1.5	3E-08	2E-04		
A5B	1	74.9	3E-07	5E-01		
	4.5	1.4	4E-08	2E-04		
	8.5	1.6	2E-08	9E-05		
A6	1	1.5	-- (a)	-- (a)		
	4.5	74.5	**4E-06**	5E-01	CrVI	
	8.5	59.5	**9E-06**	2E-01	CrVI	
A7	1	15.9	5E-08	6E-03		
	3.5	**1110**	**4E-06**	**4E+00**	PCE; TCE	Copper
	8.5	99.5	2E-09	2E-01		
A8	1	4.1	2E-08	3E-04		
	4.5	4.2	1E-08	6E-05		
	8.5	1.4	2E-09	8E-06		
A9	1	4	7E-09	1E-04		
	4.5	3	5E-09	3E-05		
	8.5	1.3	-- (a)	-- (a)		
A10	1	6.2	7E-09	4E-05		
A11	1	9.6	--	3E-02		
	4.5	2.2	-- (a)	-- (a)		
	8.5	3.1	-- (a)	-- (a)		
A12	1	6.8	-- (a)	-- (a)		
	5	4.2	--	1E-03		
	11	4.2	-- (a)	-- (a)		
A13	1	4	-- (a)	-- (a)		
	5	4.1	-- (a)	-- (a)		
	11	3.2	-- (a)	-- (a)		

TABLE 5
Cumulative Cancer Risk and Noncancer Hazard, Soil, Future Commercial Worker
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
B1	1	6.8	-- [(a)]	-- [(a)]		
	4.5	5.5	3E-08	2E-04		
	8.5	6.5	2E-09	1E-05		
B2	1	3	1E-08	7E-05		
	4.5	4.1	2E-09	1E-05		
	8.5	1.2	-- [(a)]	-- [(a)]		
B3	1	19.1	2E-08	5E-02		
	4.5	2.1	8E-09	4E-05		
	8.5	2.6	1E-09	7E-06		
B4	1	108	**4E-06**	3E-01	PCE	
	4.5	2.7	3E-08	4E-02		
	8.5	0.7	2E-08	1E-04		
B5	1	ND	3E-08	2E-04		
	4.5	1.1	2E-07	8E-04		
	8.5	2.4	2E-07	9E-04		
B6	1	2.2	3E-08	2E-04		
	4.5	1	3E-08	2E-04		
	8.5	5.1	2E-08	1E-04		
B7	1	59.6	8E-09	2E-04		
	4.5	3.8	3E-08	1E-03		
	8.5	0.7	-- [(a)]	-- [(a)]		
B8	1	2.5	3E-08	2E-03		
	4.5	2.8	4E-09	1E-04		
	8.5	1.9	7E-09	2E-04		
B9	1	4.7	2E-09	1E-05		
	4.5	3	2E-09	1E-05		
	8.5	2.1	2E-09	1E-05		
B10	1	5.2	2E-09	1E-05		
	4.5	3.1	5E-09	2E-05		
	8.5	3.4	3E-09	2E-05		
B11	1	3.3	-- [(a)]	-- [(a)]		
	4.5	2.8	8E-09	4E-05		
	8.5	3.1	3E-09	1E-05		
B12	1	5.8	2E-08	3E-04		
	5	3.4	3E-09	2E-05		
	11	2.7	1E-09	7E-06		
B13	1	8.5	-- [(a)]	-- [(a)]		
	5	10.6	2E-09	1E-05		
	11	3.2	1E-09	7E-06		

TABLE 5
Cumulative Cancer Risk and Noncancer Hazard, Soil, Future Commercial Worker
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
B14	1	23.9	--	1E-03		
	5	ND	-- (a)	-- (a)		
	11	2.1	-- (a)	-- (a)		
B15	1	7.8	--	1E-03		
	4	6.2	-- (a)	-- (a)		
	5	3.6	2E-10	1E-06		
LB1	1	5.6	3E-09	2E-05		
	4.5	4.1	2E-09	9E-06		
	8.5	2	2E-09	1E-05		
LB2	1	0.8	3E-08	3E-04		
	4.5	1.4	2E-09	1E-05		
	8.5	2.7	2E-09	1E-05		
LB3	1	40.3	5E-08	6E-02		
	4.5	4.2	2E-08	1E-04		
	8.5	0.9	9E-09	5E-05		
LB4	1	11.9	5E-09	3E-02		
	4.5	1.6	3E-08	1E-04		
	8.5	1.6	6E-09	3E-05		
LB5	1	4.9	-- (a)	-- (a)		
	4.5	2.7	2E-08	6E-04		
	8.5	4.6	4E-09	2E-05		
LB6	1	4.2	1E-09	1E-03		
	5	2.7	-- (a)	-- (a)		
	11	3.2	-- (a)	-- (a)		
LB7	1	5.2	4E-09	2E-05		
	5	3.1	-- (a)	-- (a)		
	11	2.4	1E-09	6E-06		
LB8	1	8.2	2E-07	1E-03		
	5	4.2	2E-08	1E-04		
	11	2.7	3E-09	2E-05		
SS-1	5	--	-- (a)	-- (a)		
	10	--	-- (a)	-- (a)		
SS-2	5	--	**4E-06**	5E-03	CrVI	
	10	1.67	**3E-06**	1E-01	CrVI	
SS-3	5	--	-- (a)	-- (a)		
	10	1.89	3E-12	2E-03		
SS-4	5	--	-- (a)	-- (a)		
	10	--	-- (a)	-- (a)		
SS-5	5	--	**4E-06**	6E-03	CrVI	
	10	--	-- (a)	-- (a)		

Sample Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
NP-1	12	--	1E-10	5E-07		
NP-2	6	--	7E-09	3E-05		
NP-3	12	--	2E-08	1E-04		
NP-4	10	--	3E-09	1E-05		

Notes:

" -- " not applicable; ft bgs - feet below ground surface; " ND " not detected above method detection limit

* Lead is not quantitatively evaluated as part of the cancer risk and noncancer hazard estimates. Lead concentrations are compared to USEPA Region 9 RSL for industrial use of 800 mg/kg.

(a): No chemicals were detected and/or all metals considered within background.

Target cancer risk (CR) = 10^{-5} and target noncancer hazard index (HI) = 1

Shaded/bold: indicates cumulative risk > target risk, cumulative hazard > target hazard; and/or Pb concentration > RSL

Risk drivers are those chemicals that have a cancer risk > target CR or a noncancer hazard > target HI

Sampling Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
A1	1	7.1	-- [(a)]	-- [(a)]		
	4.5	3.9	-- [(a)]	-- [(a)]		
	8.5	4.2	--	1E-03		
A2	1	3.2	3E-10	6E-05		
	4.5	3.1	9E-11	1E-05		
	8.5	0.6	-- [(a)]	-- [(a)]		
A3	1	26.1	4E-10	1E-01		
	4.5	3.4	4E-10	7E-05		
	8.5	2.8	5E-10	8E-05		
A4	1	14.8	1E-07	5E-02		
	4.5	0.8	2E-09	3E-04		
	8.5	0.8	5E-09	1E-03		
A5	1.25	2.8	3E-08	6E-03		
	4.5	1.5	1E-09	2E-04		
A5B	1	74.9	1E-08	6E-01		
	4.5	1.4	2E-09	3E-04		
	8.5	1.6	7E-10	1E-04		
A6	1	1.5	-- [(a)]	-- [(a)]		
	4.5	74.5	2E-07	6E-01		
	8.5	59.5	4E-07	4E-02		
A7	1	15.9	2E-09	8E-03		
	3.5	**1110**	2E-07	**4E+00**		Cadmium
	8.5	99.5	1E-10	5E-02		
A8	1	4.1	9E-10	4E-04		
	4.5	4.2	5E-10	8E-05		
	8.5	1.4	6E-11	1E-05		
A9	1	4	4E-10	2E-04		
	4.5	3	2E-10	3E-05		
	8.5	1.3	-- [(a)]	-- [(a)]		
A10	1	6.2	3E-10	5E-05		
A11	1	9.6	--	7E-03		
	4.5	2.2	-- [(a)]	-- [(a)]		
	8.5	3.1	-- [(a)]	-- [(a)]		
A12	1	6.8	-- [(a)]	-- [(a)]		
	5	4.2	--	9E-04		
	11	4.2	-- [(a)]	-- [(a)]		
A13	1	4	-- [(a)]	-- [(a)]		
	5	4.1	-- [(a)]	-- [(a)]		
	11	3.2	-- [(a)]	-- [(a)]		

Sampling Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
B1	1	6.8	-- (a)	-- (a)		
	4.5	5.5	1E-09	2E-04		
	8.5	6.5	9E-11	1E-05		
B2	1	3	5E-10	9E-05		
	4.5	4.1	7E-11	1E-05		
	8.5	1.2	-- (a)	-- (a)		
B3	1	19.1	9E-10	1E-02		
	4.5	2.1	3E-10	5E-05		
	8.5	2.6	5E-11	8E-06		
B4	1	108	1E-07	4E-01		
	4.5	2.7	1E-09	8E-03		
	8.5	0.7	9E-10	2E-04		
B5	1	ND	1E-09	2E-04		
	4.5	1.1	6E-09	1E-03		
	8.5	2.4	7E-09	1E-03		
B6	1	2.2	1E-09	2E-04		
	4.5	1	1E-09	2E-04		
	8.5	5.1	9E-10	1E-04		
B7	1	59.6	4E-10	3E-04		
	4.5	3.8	1E-09	2E-03		
	8.5	0.7	-- (a)	-- (a)		
B8	1	2.5	1E-09	3E-03		
	4.5	2.8	1E-10	1E-04		
	8.5	1.9	3E-10	2E-04		
B9	1	4.7	7E-11	1E-05		
	4.5	3	9E-11	2E-05		
	8.5	2.1	8E-11	1E-05		
B10	1	5.2	8E-11	1E-05		
	4.5	3.1	2E-10	3E-05		
	8.5	3.4	1E-10	2E-05		
B11	1	3.3	-- (a)	-- (a)		
	4.5	2.8	3E-10	5E-05		
	8.5	3.1	1E-10	2E-05		
B12	1	5.8	1E-09	3E-04		
	5	3.4	1E-10	2E-05		
	11	2.7	5E-11	9E-06		
B13	1	8.5	-- (a)	-- (a)		
	5	10.6	9E-11	1E-05		
	11	3.2	5E-11	8E-06		

TABLE 6
Cumulative Cancer Risk and Noncancer Hazard, Soil, Future Construction Worker
777 N. Front Street
Burbank, California

Sampling Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
B14	1	23.9	--	1E-03		
	5	ND	-- (a)	-- (a)		
	11	2.1	-- (a)	-- (a)		
B15	1	7.8	--	1E-03		
	4	6.2	-- (a)	-- (a)		
	5	3.6	1E-11	1E-06		
LB1	1	5.6	1E-10	2E-05		
	4.5	4.1	7E-11	1E-05		
	8.5	2	7E-11	1E-05		
LB2	1	0.8	1E-09	4E-04		
	4.5	1.4	9E-11	1E-05		
	8.5	2.7	9E-11	1E-05		
LB3	1	40.3	2E-09	1E-02		
	4.5	4.2	8E-10	1E-04		
	8.5	0.9	3E-10	6E-05		
LB4	1	11.9	2E-10	6E-03		
	4.5	1.6	1E-09	2E-04		
	8.5	1.6	2E-10	4E-05		
LB5	1	4.9	-- (a)	-- (a)		
	4.5	2.7	9E-10	8E-04		
	8.5	4.6	2E-10	3E-05		
LB6	1	4.2	4E-11	8E-04		
	5	2.7	-- (a)	-- (a)		
	11	3.2	-- (a)	-- (a)		
LB7	1	5.2	1E-10	2E-05		
	5	3.1	-- (a)	-- (a)		
	11	2.4	4E-11	7E-06		
LB8	1	8.2	8E-09	1E-03		
	5	4.2	9E-10	1E-04		
	11	2.7	1E-10	2E-05		
SS-1	5	--	-- (a)	-- (a)		
	10	--	-- (a)	-- (a)		
SS-2	5	--	2E-07	2E-03		
	10	1.67	1E-07	3E-02		
SS-3	5	--	-- (a)	-- (a)		
	10	1.89	7E-10	9E-03		
SS-4	5	--	-- (a)	-- (a)		
	10	--	-- (a)	-- (a)		
SS-5	5	--	2E-07	2E-03		
	10	--	-- (a)	-- (a)		

TABLE 6
Cumulative Cancer Risk and Noncancer Hazard, Soil, Future Construction Worker
777 N. Front Street
Burbank, California

Sampling Location/ID	Sample Depth (ft bgs)	Lead Concentrations (mg/kg) *	Cancer Risk	Noncancer Hazard	Cancer Risk Drivers	Noncancer Hazard Drivers
NP-1	12	--	2E-11	3E-06		
NP-2	6	--	1E-09	2E-04		
NP-3	12	--	4E-09	7E-04		
NP-4	10	--	5E-10	9E-05		

Notes:

" -- " not applicable; ft bgs - feet below ground surface; " ND " not detected above method detection limit

* Lead is not quantitatively evaluated as part of the cancer risk and noncancer hazard estimates. Lead concentrations are compared to USERPA Region 9 RSL for industrial use of 800 mg/kg.

(a): No chemicals were detected and/or all metals considered within background.

Target cancer risk (CR) = 10^{-5} and target noncancer hazard index (HI) = 1

Shaded/bold: indicates cumulative risk > target risk, cumulative hazard > target hazard; and/or Pb concentration > RSL

Risk drivers are those chemicals that have a cancer risk > target CR or a noncancer hazard > target HI

TABLE 7
Cumulative Cancer Risk and Noncancer Hazard
Soil Vapor to Indoor Air, Slab-on-Grade Scenario
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Future Commercial Worker		Future Resident		Cancer Risk and/or Noncancer Hazard Drivers
		Cancer Risk	Noncancer Hazard	Cancer Risk	Noncancer Hazard	
A1	16	3E-08	7E-04	4E-07	8E-03	
A2	16	2E-08	5E-04	3E-07	6E-03	
A3	20.5	2E-07	2E-03	**2E-06**	3E-02	PCE
A4	20.5	3E-06	4E-02	**4E-05**	6E-01	PCE
A5B	20.5	9E-06	1E-01	**1E-04**	**2E+00**	PCE
A6	20.5	3E-07	6E-03	**4E-06**	7E-02	PCE
A7	20.5	2E-07	4E-02	**3E-06**	5E-01	TCE
A8	20.5	4E-08	2E-03	6E-07	3E-02	
A9	30.5	2E-08	2E-03	3E-07	2E-02	
A10	30.5	2E-08	9E-04	3E-07	1E-02	
A11	20.5	5E-09	1E-04	7E-08	1E-03	
A12	17	3E-09	1E-04	5E-08	2E-03	
A13	17	4E-09	3E-04	6E-08	4E-03	
B1	-- [a]					
B2	16.5	1E-08	3E-04	2E-07	4E-03	
B3	17	4E-08	9E-04	5E-07	1E-02	
B4	19	3E-06	4E-02	**4E-05**	5E-01	PCE
B5	20	4E-06	5E-02	**5E-05**	7E-01	PCE
B6	-- [a]					
B7	-- [a]					
B8	20.5	6E-08	6E-03	9E-07	8E-02	
B9	30.5	5E-08	6E-03	8E-07	8E-02	
B10	30.5	4E-08	4E-03	6E-07	5E-02	
B11	20.5	1E-08	2E-04	1E-07	2E-03	
B12	17	2E-08	3E-04	2E-07	3E-03	
B13	17	1E-09	3E-05	1E-08	4E-04	
B14	17	6E-10	5E-05	8E-09	6E-04	
B15	4	3E-09	2E-04	4E-08	2E-03	
LB1	15	1E-09	6E-05	2E-08	7E-04	
	20.5	3E-08	7E-04	4E-07	9E-03	
LB2	19.5	2E-07	2E-03	**2E-06**	3E-02	PCE
LB3	20	**3E-05**	4E-01	**4E-04**	**5E+00**	PCE
LB4	20.5	2E-06	2E-02	**2E-05**	3E-01	PCE
LB5	14.5	4E-08	1E-03	6E-07	2E-02	
	20.5	4E-08	2E-03	6E-07	2E-02	
LB6	17	6E-09	2E-04	7E-08	2E-03	
LB7	17	1E-08	2E-04	1E-07	2E-03	
LB8	17	5E-08	8E-04	6E-07	1E-02	

TABLE 7
Cumulative Cancer Risk and Noncancer Hazard
Soil Vapor to Indoor Air, Slab-on-Grade Scenario
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Future Commercial Worker		Future Resident		Cancer Risk and/or Noncancer Hazard Drivers
		Cancer Risk	Noncancer Hazard	Cancer Risk	Noncancer Hazard	
NP-1	19	1E-06	1E-02	8E-08	1E-03	
NP-1	49	5E-07	7E-03	4E-08	5E-04	
NP-1	70	3E-07	5E-03	2E-08	4E-04	
NP-1	85	7E-07	1E-02	6E-08	9E-04	
NP-2	15	**5E-05**	7E-01	4E-06	6E-02	PCE
NP-2	37	**4E-05**	6E-01	3E-06	5E-02	PCE
NP-2	51	**7E-05**	9E-01	5E-06	7E-02	PCE
NP-2	81	**2E-05**	3E-01	2E-06	3E-02	PCE
NP-3	13	**2E-04**	**3E+00**	**2E-05**	2E-01	PCE
NP-3	33	**2E-04**	**3E+00**	**2E-05**	2E-01	PCE
NP-3	53	**8E-05**	1E+00	6E-06	8E-02	PCE
NP-4	13	**8E-05**	1E+00	6E-06	8E-02	PCE
NP-4	35	**5E-05**	7E-01	4E-06	6E-02	PCE
NP-4	51	**1E-05**	2E-01	1E-06	2E-02	PCE
NP-4	83	**1E-05**	2E-01	9E-07	1E-02	PCE
NP-5	15	7E-07	1E-01	4E-08	8E-03	
NP-5	35	1E-06	2E-01	9E-08	1E-02	
NP-5	57	8E-07	8E-02	5E-08	7E-03	
NP-6	15	2E-07	3E-03	2E-08	3E-04	
NP-6	40	2E-07	4E-03	1E-08	3E-04	
NP-6	60	1E-07	6E-03	9E-09	5E-04	
NP-6	86	8E-08	2E-03	6E-09	1E-04	
NP-7	17	3E-07	4E-03	2E-08	3E-04	
NP-7	35	3E-07	1E-02	2E-08	1E-03	
NP-7	53	3E-07	2E-02	2E-08	2E-03	
NP-8	17	1E-07	1E-03	8E-09	1E-04	
NP-8	37	1E-07	2E-03	9E-09	1E-04	
NP-8	57	9E-08	4E-03	6E-09	3E-04	
NP-8	80	1E-07	1E-02	1E-08	1E-03	

Notes:
[a]: Soil vapor sampling was attempted at this location; however, not enough flow to collect a sample (Leighton, 2016).
ft bgs - feet below ground surface
PCE - tetrachloroethylene; TCE - trichloroethylene
Target cancer risk (CR) = 10^{-6} for residents and 10^{-5} for workers and target noncancer hazard index (HI) = 1
Shaded/bold: indicates cumulative risk > target risk and/or cumulative hazard > target hazard
Risk drivers are those chemicals that have a cancer risk > target CR or a noncancer hazard > target HI

TABLE 8
Cumulative Cancer Risk and Noncancer Hazard
Soil Vapor to Indoor Air, Second Floor Scenario
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Future Commercial Worker		Future Resident		Cancer Risk and/or Noncancer Hazard Drivers
		Cancer Risk	Noncancer Hazard	Cancer Risk	Noncancer Hazard	
A1	16	1E-09	3E-05	6E-09	1E-04	
A2	16	9E-10	2E-05	4E-09	9E-05	
A3	20.5	6E-09	9E-05	3E-08	4E-04	
A4	20.5	1E-07	2E-03	5E-07	7E-03	
A5B	20.5	4E-07	5E-03	**2E-06**	2E-02	PCE
A6	20.5	1E-08	2E-04	5E-08	1E-03	
A7	20.5	9E-09	2E-03	5E-08	6E-03	
A8	20.5	2E-09	9E-05	8E-09	4E-04	
A9	30.5	9E-10	7E-05	4E-09	3E-04	
A10	30.5	9E-10	3E-05	4E-09	1E-04	
A11	20.5	2E-10	4E-06	9E-10	2E-05	
A12	17	1E-10	6E-06	6E-10	2E-05	
A13	17	2E-10	1E-05	8E-10	6E-05	
B1	-- [a]					
B2	16.5	5E-10	1E-05	2E-09	6E-05	
B3	17	2E-09	4E-05	7E-09	2E-04	
B4	19	1E-07	2E-03	5E-07	7E-03	
B5	20	2E-07	2E-03	7E-07	9E-03	
B6	-- [a]					
B7	-- [a]					
B8	20.5	2E-09	3E-04	1E-08	1E-03	
B9	30.5	2E-09	3E-04	1E-08	1E-03	
B10	30.5	2E-09	1E-04	8E-09	6E-04	
B11	20.5	4E-10	6E-06	2E-09	3E-05	
B12	17	8E-10	1E-05	3E-09	4E-05	
B13	17	4E-11	1E-06	2E-10	5E-06	
B14	17	2E-11	2E-06	1E-10	8E-06	
B15	4	1E-10	7E-06	6E-10	3E-05	
LB1	15	6E-11	2E-06	3E-10	1E-05	
	20.5	1E-09	3E-05	6E-09	1E-04	
LB2	19.5	7E-09	1E-04	3E-08	4E-04	
LB3	20	1E-06	2E-02	**5E-06**	7E-02	PCE
LB4	20.5	6E-08	8E-04	3E-07	4E-03	
LB5	14.5	2E-09	6E-05	7E-09	2E-04	
	20.5	2E-09	7E-05	7E-09	3E-04	
LB6	17	2E-10	7E-06	1E-09	3E-05	
LB7	17	4E-10	8E-06	2E-09	3E-05	
LB8	17	2E-09	3E-05	8E-09	1E-04	

TABLE 8
Cumulative Cancer Risk and Noncancer Hazard
Soil Vapor to Indoor Air, Second Floor Scenario
777 N. Front Street
Burbank, California

Sample Location/ID	Sample Depth (ft bgs)	Future Commercial Worker		Future Resident		Cancer Risk and/or Noncancer Hazard Drivers
		Cancer Risk	Noncancer Hazard	Cancer Risk	Noncancer Hazard	
NP-1	19	1E-08	2E-04	3E-09	4E-05	
NP-1	49	6E-09	9E-05	1E-09	2E-05	
NP-1	70	4E-09	6E-05	9E-10	1E-05	
NP-1	85	1E-08	2E-04	2E-09	4E-05	
NP-2	15	7E-07	1E-02	2E-07	2E-03	
NP-2	37	6E-07	8E-03	1E-07	2E-03	
NP-2	51	9E-07	1E-02	2E-07	3E-03	
NP-2	81	3E-07	4E-03	7E-08	1E-03	
NP-3	13	**3E-06**	4E-02	7E-07	9E-03	PCE
NP-3	33	**3E-06**	4E-02	7E-07	1E-02	PCE
NP-3	53	1E-06	1E-02	2E-07	3E-03	
NP-4	13	1E-06	1E-02	2E-07	3E-03	
NP-4	35	7E-07	1E-02	2E-07	2E-03	
NP-4	51	2E-07	3E-03	5E-08	7E-04	
NP-4	83	2E-07	2E-03	4E-08	6E-04	
NP-5	15	9E-09	1E-03	2E-09	3E-04	
NP-5	35	2E-08	2E-03	4E-09	6E-04	
NP-5	57	1E-08	1E-03	2E-09	3E-04	
NP-6	15	3E-09	4E-05	7E-10	1E-05	
NP-6	40	2E-09	5E-05	5E-10	1E-05	
NP-6	60	2E-09	8E-05	3E-10	2E-05	
NP-6	86	1E-09	2E-05	3E-10	6E-06	
NP-7	17	3E-09	5E-05	8E-10	1E-05	
NP-7	35	4E-09	2E-04	8E-10	4E-05	
NP-7	53	4E-09	3E-04	8E-10	7E-05	
NP-8	17	1E-09	2E-05	3E-10	4E-06	
NP-8	37	2E-09	2E-05	3E-10	5E-06	
NP-8	57	1E-09	5E-05	3E-10	1E-05	
NP-8	80	2E-09	2E-04	4E-10	4E-05	

Notes:
[a]: Soil vapor sampling was attempted at this location; however, not enough flow to collect a sample (Leighton, 2016).
ft bgs - feet below ground surface
PCE - tetrachloroethylene
Target cancer risk (CR) = 10^{-6} for residents and 10^{-5} for workers and target noncancer hazard index (HI) = 1
Shaded/bold: indicates cumulative risk > target risk and/or cumulative hazard > target hazard
Risk drivers are those chemicals that have a cancer risk > target CR or a noncancer hazard > target HI

TABLE 9
Risk Based Concentrations for Soil
777 N. Front Street
Burbank, California

CAS Number	Chemical of Potential Concern[1]	Note	Future Resident		Future Commercial Worker		Future Construction Worker	
			$RBC_{soil-NC}$ (mg/kg)	RBC_{soil-C} (mg/kg)	$RBC_{soil-NC}$ (mg/kg)	RBC_{soil-C} (mg/kg)	$RBC_{soil-NC}$ (mg/kg)	RBC_{soil-C} (mg/kg)
Metals								
7440-43-9	Cadmium		5.2E+00	1.8E+05	7.3E+00	7.8E+06	2.2E+00	7.1E+03
18540-29-9	Chromium, Hexavalent	M	2.3E+02	3.1E-01	3.5E+03	6.5E+01	6.7E+02	7.3E+01
7440-50-8	Copper		3.1E+03	--	4.7E+04	--	1.4E+04	--
7439-92-1	Lead		4.0E+02	--	8.0E+02	--	8.0E+02	--
Volatile Organic Compounds (VOCs)								
127-18-4	Tetrachloroethylene		1.8E+02	9.5E-01	1.0E+03	4.3E+01	1.5E+02	2.4E+02
79-01-6	Trichloroethylene	M	1.1E+01	2.5E+00	5.8E+01	1.7E+02	8.4E+00	6.6E+02

Notes:

" -- " not applicable

" M " mutagen. Mutagenic equations (USEPA RSL 2016) were used to derive RBCs for future residents.

RBC_{soil-C} - risk-based concentration based on cancer effects; $RBC_{soil-NC}$ based on noncancer effects

RBCs based on target cancer risk = 10^{-5} for workers and 10^{-6} for residents and target noncancer hazard = 1

1. RBCs for other constituents can be found in Geosyntec's Human Health Risk Assessment dated May 2017.

TABLE 10
Risk Based Concentrations for Soil Vapor, Future Resident
777 N. Front Street
Burbank, California

CAS Number	Chemical of Potential Concern	Note	Future Resident															
			Slab-on-Grade Scenario								Second Floor Scenario							
			4 ft bgs		15 ft bgs		20 ft bgs		30 ft bgs		4 ft bgs		15 ft bgs		20 ft bgs		30 ft bgs	
			RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)
630-20-6	1,1,1,2-Tetrachloroethane		5.1E+03	1.7E+06	2.0E+04	6.5E+06	2.2E+04	7.4E+06	2.8E+04	9.2E+06	3.8E+05	1.3E+08	1.5E+06	4.9E+08	1.7E+06	5.6E+08	2.1E+06	6.9E+08
71-55-6	1,1,1-Trichloroethane		--	1.1E+07	--	4.1E+07	--	4.7E+07	--	5.8E+07	--	8.1E+08	--	3.1E+09	--	3.5E+09	--	4.4E+09
75-34-3	1,1-Dichloroethane		1.4E+04	6.7E+06	5.4E+04	2.6E+07	6.1E+04	2.9E+07	7.6E+04	3.6E+07	1.1E+06	5.0E+08	4.0E+06	1.9E+09	4.6E+06	2.2E+09	5.7E+06	2.7E+09
75-35-4	1,1-Dichloroethene		--	5.7E+05	--	2.2E+06	--	2.5E+06	--	3.1E+06	--	4.3E+07	--	1.6E+08	--	1.9E+08	--	2.3E+08
95-63-6	1,2,4-Trimethylbenzene		--	8.0E+04	--	3.1E+05	--	3.5E+05	--	4.3E+05	--	6.0E+06	--	2.3E+07	--	2.6E+07	--	3.3E+07
108-67-8	1,3,5-Trimethylbenzene		--	4.6E+05	--	1.8E+06	--	2.0E+06	--	2.5E+06	--	3.5E+07	--	1.3E+08	--	1.5E+08	--	1.9E+08
99-87-6	4-Isopropyltoluene		--	4.4E+06	--	1.7E+07	--	1.9E+07	--	2.4E+07	--	3.3E+08	--	1.3E+09	--	1.4E+09	--	1.8E+09
71-43-2	Benzene		7.3E+02	2.4E+04	2.8E+03	9.0E+04	3.2E+03	1.0E+05	3.9E+03	1.3E+05	5.5E+04	1.8E+06	2.1E+05	6.7E+06	2.4E+05	7.7E+06	2.9E+05	9.5E+06
108-90-7	Chlorobenzene		--	4.8E+05	--	1.8E+06	--	2.1E+06	--	2.6E+06	--	3.6E+07	--	1.4E+08	--	1.6E+08	--	2.0E+08
67-66-3	Chloroform		1.1E+03	8.9E+05	4.1E+03	3.4E+06	4.6E+03	3.9E+06	5.7E+03	4.8E+06	8.0E+04	6.7E+07	3.0E+05	2.5E+08	3.5E+05	2.9E+08	4.3E+05	3.6E+08
156-59-2	cis-1,2-Dichloroethene		--	6.4E+04	--	2.4E+05	--	2.8E+05	--	3.4E+05	--	4.8E+06	--	1.8E+07	--	2.1E+07	--	2.6E+07
75-71-8	Dichlorodifluoromethane		--	9.3E+05	--	3.5E+06	--	4.0E+06	--	5.0E+06	--	7.0E+07	--	2.7E+08	--	3.0E+08	--	3.7E+08
100-41-4	Ethylbenzene		1.1E+04	1.0E+07	4.2E+04	3.9E+07	4.8E+04	4.4E+07	5.9E+04	5.5E+07	8.2E+05	7.6E+08	3.2E+06	2.9E+09	3.6E+06	3.3E+09	4.5E+06	4.1E+09
76-13-1	Freon 113		--	5.5E+08	--	2.1E+09	--	2.4E+09	--	3.0E+09	--	4.1E+10	--	1.6E+11	--	1.8E+11	--	2.3E+11
104-51-8	n-Butylbenzene		--	2.6E+06	--	1.0E+07	--	1.2E+07	--	1.4E+07	--	2.0E+08	--	7.6E+08	--	8.7E+08	--	1.1E+09
103-65-1	n-Propylbenzene		--	1.2E+07	--	4.5E+07	--	5.1E+07	--	6.3E+07	--	8.7E+08	--	3.3E+09	--	3.8E+09	--	4.7E+09
127-18-4	Tetrachloroethylene		6.0E+03	4.8E+05	2.3E+04	1.9E+06	2.7E+04	2.1E+06	3.3E+04	2.6E+06	4.5E+05	3.6E+07	1.8E+06	1.4E+08	2.0E+06	1.6E+08	2.5E+06	2.0E+08
108-88-3	Toluene		--	2.7E+06	--	1.0E+07	--	1.2E+07	--	1.5E+07	--	2.0E+08	--	7.8E+08	--	8.8E+08	--	1.1E+09
79-01-6	Trichloroethylene	M	4.7E+03	2.0E+04	1.8E+04	7.8E+04	2.0E+04	8.9E+04	2.5E+04	1.1E+05	3.5E+05	1.5E+06	1.3E+06	5.9E+06	1.5E+06	6.7E+06	1.9E+06	8.3E+06
75-69-4	Trichlorofluoromethane		--	1.3E+07	--	4.9E+07	--	5.6E+07	--	7.0E+07	--	9.6E+08	--	3.7E+09	--	4.2E+09	--	5.2E+09
1330-20-7	Xylenes		--	1.0E+06	--	3.9E+06	--	4.4E+06	--	5.5E+06	--	7.6E+07	--	2.9E+08	--	3.3E+08	--	4.1E+08

Notes:

" -- " not applicable

$\mu g/m^3$ - micrograms per cubic meter; ft bgs - feet below ground surface

M - mutagen. Mutagenic equations (USEPA RSL 2016) were used to derive the residential RBCs.

RBC_{SV-C} - risk-based concentration based on cancer effects; RBC_{SV-NC} based on noncancer effects

RBCs based on target cancer risk = 10^{-6} for future residents and target noncancer hazard = 1

TABLE 11
Risk-Based Concentrations for Soil Vapor, Future Commercial Worker
777 N. Front Street
Burbank, California
Page 1 of 1

CAS Number	Chemical of Potential Concern	Future Commercial Worker															
		Slab-on-Grade Scenario								Second Floor Scenario							
		4 ft bgs		15 ft bgs		20 ft bgs		30 ft bgs		4 ft bgs		15 ft bgs		20 ft bgs		30 ft bgs	
		RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)	RBC_{SV-C} ($\mu g/m^3$)	RBC_{SV-NC} ($\mu g/m^3$)
630-20-6	1,1,1,2-Tetrachloroethane	6.7E+05	2.1E+07	2.6E+06	8.2E+07	2.9E+06	9.3E+07	3.7E+06	1.2E+08	1.7E+07	5.3E+08	6.5E+07	2.0E+09	7.4E+07	2.3E+09	9.2E+07	2.9E+09
71-55-6	1,1,1-Trichloroethane	--	1.4E+08	--	5.2E+08	--	5.9E+08	--	7.4E+08	--	3.4E+09	--	1.3E+10	--	1.5E+10	--	1.8E+10
75-34-3	1,1-Dichloroethane	1.9E+06	8.5E+07	7.1E+06	3.2E+08	8.0E+06	3.7E+08	1.0E+07	4.6E+08	4.6E+07	2.1E+09	1.8E+08	8.1E+09	2.0E+08	9.2E+09	2.5E+08	1.1E+10
75-35-4	1,1-Dichloroethene	--	7.2E+06	--	2.8E+07	--	3.1E+07	--	3.9E+07	--	1.8E+08	--	6.9E+08	--	7.8E+08	--	9.7E+08
95-63-6	1,2,4-Trimethylbenzene	--	1.0E+06	--	3.9E+06	--	4.4E+06	--	5.5E+06	--	2.5E+07	--	9.7E+07	--	1.1E+08	--	1.4E+08
108-67-8	1,3,5-Trimethylbenzene	--	5.8E+06	--	2.2E+07	--	2.5E+07	--	3.2E+07	--	1.5E+08	--	5.6E+08	--	6.4E+08	--	7.9E+08
99-87-6	4-Isopropyltoluene	--	5.5E+07	--	2.1E+08	--	2.4E+08	--	3.0E+08	--	1.4E+09	--	5.3E+09	--	6.0E+09	--	7.5E+09
71-43-2	Benzene	9.6E+04	3.0E+05	3.6E+05	1.1E+06	4.1E+05	1.3E+06	5.1E+05	1.6E+06	2.4E+06	7.5E+06	9.1E+06	2.8E+07	1.0E+07	3.2E+07	1.3E+07	4.0E+07
108-90-7	Chlorobenzene	--	6.1E+06	--	2.3E+07	--	2.6E+07	--	3.3E+07	--	1.5E+08	--	5.8E+08	--	6.6E+08	--	8.2E+08
67-66-3	Chloroform	1.4E+05	1.1E+07	5.3E+05	4.3E+07	6.0E+05	4.9E+07	7.5E+05	6.0E+07	3.5E+06	2.8E+08	1.3E+07	1.1E+09	1.5E+07	1.2E+09	1.9E+07	1.5E+09
156-59-2	cis-1,2-Dichloroethene	--	8.0E+05	--	3.0E+06	--	3.5E+06	--	4.3E+06	--	2.0E+07	--	7.6E+07	--	8.7E+07	--	1.1E+08
75-71-8	Dichlorodifluoromethane	--	1.2E+07	--	4.5E+07	--	5.1E+07	--	6.3E+07	--	2.9E+08	--	1.1E+09	--	1.3E+09	--	1.6E+09
100-41-4	Ethylbenzene	1.4E+06	1.3E+08	5.5E+06	4.9E+08	6.3E+06	5.6E+08	7.8E+06	7.0E+08	3.6E+07	3.2E+09	1.4E+08	1.2E+10	1.6E+08	1.4E+10	1.9E+08	1.7E+10
76-13-1	Freon 113	--	6.9E+09	--	2.7E+10	--	3.1E+10	--	3.8E+10	--	1.7E+11	--	6.7E+11	--	7.7E+11	--	9.5E+11
104-51-8	n-Butylbenzene	--	3.3E+07	--	1.3E+08	--	1.5E+08	--	1.8E+08	--	8.3E+08	--	3.2E+09	--	3.6E+09	--	4.5E+09
103-65-1	n-Propylbenzene	--	1.5E+08	--	5.6E+08	--	6.4E+08	--	7.9E+08	--	3.6E+09	--	1.4E+10	--	1.6E+10	--	2.0E+10
127-18-4	Tetrachloroethylene	7.9E+05	6.0E+06	3.1E+06	2.3E+07	3.5E+06	2.7E+07	4.3E+06	3.3E+07	2.0E+07	1.5E+08	7.7E+07	5.8E+08	8.7E+07	6.6E+08	1.1E+08	8.2E+08
108-88-3	Toluene	--	3.4E+07	--	1.3E+08	--	1.5E+08	--	1.8E+08	--	8.5E+08	--	3.3E+09	--	3.7E+09	--	4.6E+09
79-01-6	Trichloroethylene	8.8E+05	2.6E+05	3.4E+06	9.8E+05	3.8E+06	1.1E+06	4.7E+06	1.4E+06	2.2E+07	6.4E+06	8.4E+07	2.5E+07	9.5E+07	2.8E+07	1.2E+08	3.5E+07
75-69-4	Trichlorofluoromethane	--	1.6E+08	--	6.2E+08	--	7.1E+08	--	8.8E+08	--	4.0E+09	--	1.6E+10	--	1.8E+10	--	2.2E+10
1330-20-7	Xylenes	--	1.3E+07	--	4.9E+07	--	5.6E+07	--	6.9E+07	--	3.2E+08	--	1.2E+09	--	1.4E+09	--	1.7E+09

Notes:
" -- " not applicable
$\mu g/m^3$ - micrograms per cubic meter; ft bgs - feet below ground surface
RBC_{SV-C} - risk-based concentration based on cancer effects; RBC_{SV-NC} based on noncancer effects
RBCs based on target cancer risk = 10^{-5} for workers and target noncancer hazard = 1

TABLE 12
Preliminary Screening of Remedial Technologies for the Deep Soil/Soil Vapor
777 N. Front Street
Burbank, California

Candidate Remedial Action Alternatives	Preliminary Screening Criteria			
	Effectiveness	Implementability	Cost	Retained for Detailed Evaluation
No Action	Would not prevent or reduce migration of COCs in underlying groundwater or off-site; relies on natural attentuation and dilution processes. Fails to achieve the RAOs in a reasonable time frame	Readily Implementable and offers no disruption of site, allows Site redevelopment and requires no design, equipment or materials and/or integration with the redevelopment plan. Does not offer prevention/reduction of exposure to Site risk.	Low	No
Institutional Controls and Monitoring	Engineering and Institutional Controls (e.g. use restrictions, deed restrictions) would prevent human health being exposed but would not prevent or reduce migration to underlying groundwater. As with no action alternative, limited action would rely on natural attenuation and dilution processes. Fails to achieve the RAOs in a reasonable time frame	Readily implementable and offers prevention/reduction of exposure to human health without disruption of site and requires no deisgn, equipment or materials and/or integration with the redevelopment plan. Does not offer prevention/reduction of mass migrating underlying groundwater.	Low	No
Soil Vapor Extraction (SVE)	Effective in reducing source mass thereby limiting migration to underlying groundwater. Will achieve RAOs in reasonable time frame	This technology is a presumptive remedy for such sites.	Moderate	Yes
Thermal	Effective	Implementable	High	No

FIGURES

Legend

Site Boundary

World Street Map: Esri, HERE, Garmin, NGA, USGS, NPS

Site Location
777 North Front Street

Burbank, California

1,000 500 0 1,000 Feet

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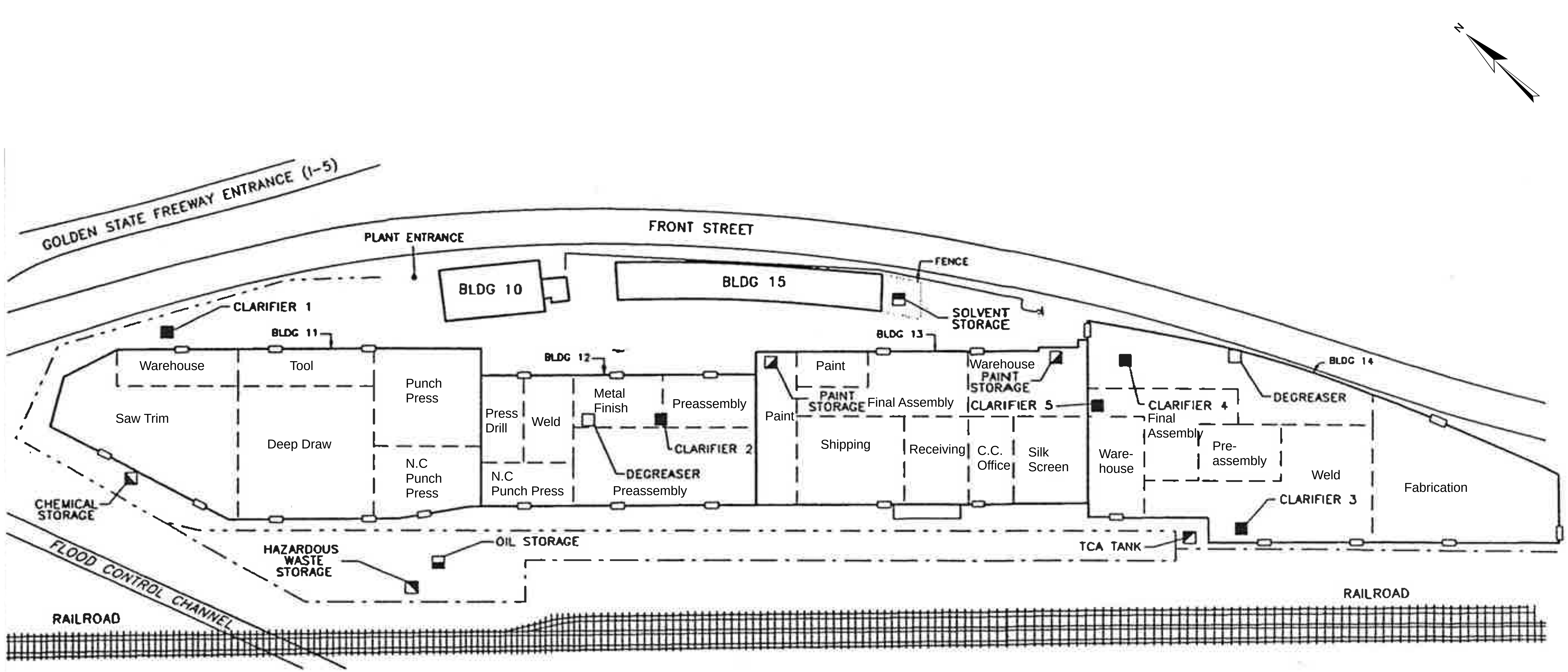
HR1305D

August 2018

Figure 1

(S:\ = \\hbeach-01\data\GIS$\) P:\GIS\HR1305\HR1305.aprxlv 5/31/2018



Source: HGC, 2001

Zero Enclosures Facility Map
777 North Front Street
Burbank, California

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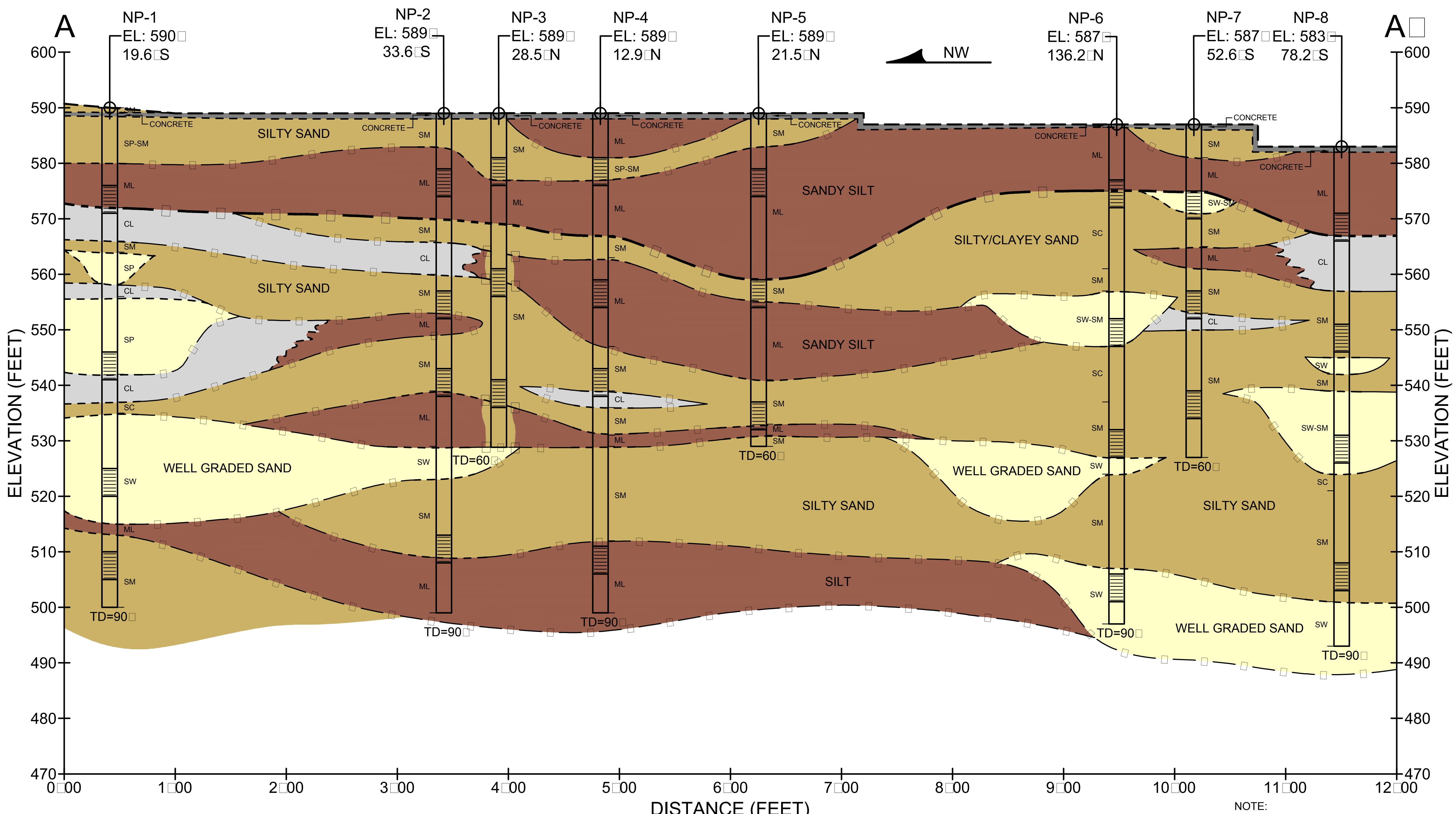
Project No: HR1305D | August 2018

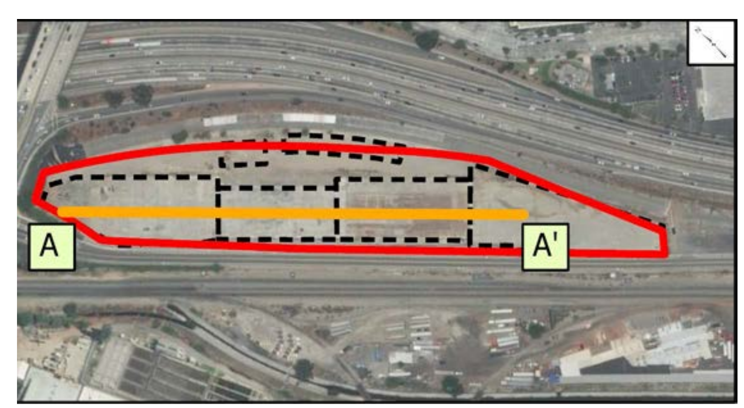
Figure 2

(S:\=\hbeach01\data\GIS\) P:\GIS\HR1305\HR1305.aprx 5/31/2018



LEGEND

- PROJECTED LOCATION OF BORING
- CONCRETE
- WELL GRADED SANDS (SW) AND POORLY GRADED SANDS (SP)
- SILTY SANDS (SM) AND CLAYEY SANDS (SC)
- SILTS AND SANDY SILTS (ML)
- CLAYS AND SANDY CLAY (CL)
- PROBE SCREEN



0 100
HORIZONTAL SCALE

0 20
VERTICAL SCALE

NOTE:

1. SUBSURFACE CONDITIONS VARY AWAY FROM BORING LOCATIONS AND WITH PASSAGE OF TIME.
2. CROSS SECTION A-A' SHOWN IN PLAN VIEW IN FIGURE 7.
3. NESTED PROBES ARE PROJECTED ONTO CROSS SECTION A-A'; PROJECTION DISTANCE AND DIRECTION SHOWN HEREIN BENEATH THE PROBE ELEVATIONS.

STRATIGRAPHIC CROSS SECTION A-A'
777 N. FRONT STREET
BURBANK, CALIFORNIA

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FIGURE 3

PROJECT NO: HR1305D | August 2018

Legend

- Soil Sampling Location (Targhee, 1991)
- Soil Sampling Location (HGC, 1992)
- Surface Sample Location (Law/Crandall, 1997)
- Soil Sampling Location (Law/Crandall, 1997)
- Former Buildings
- Site Boundary

Notes:

1. Pre-Remediation refers to sampling prior to and including 1997
2. Locations are approximate.

Pre-Remediation Soil Sampling Locations
777 North Front Street
Burbank, California

100 50 0 100 200
Feet

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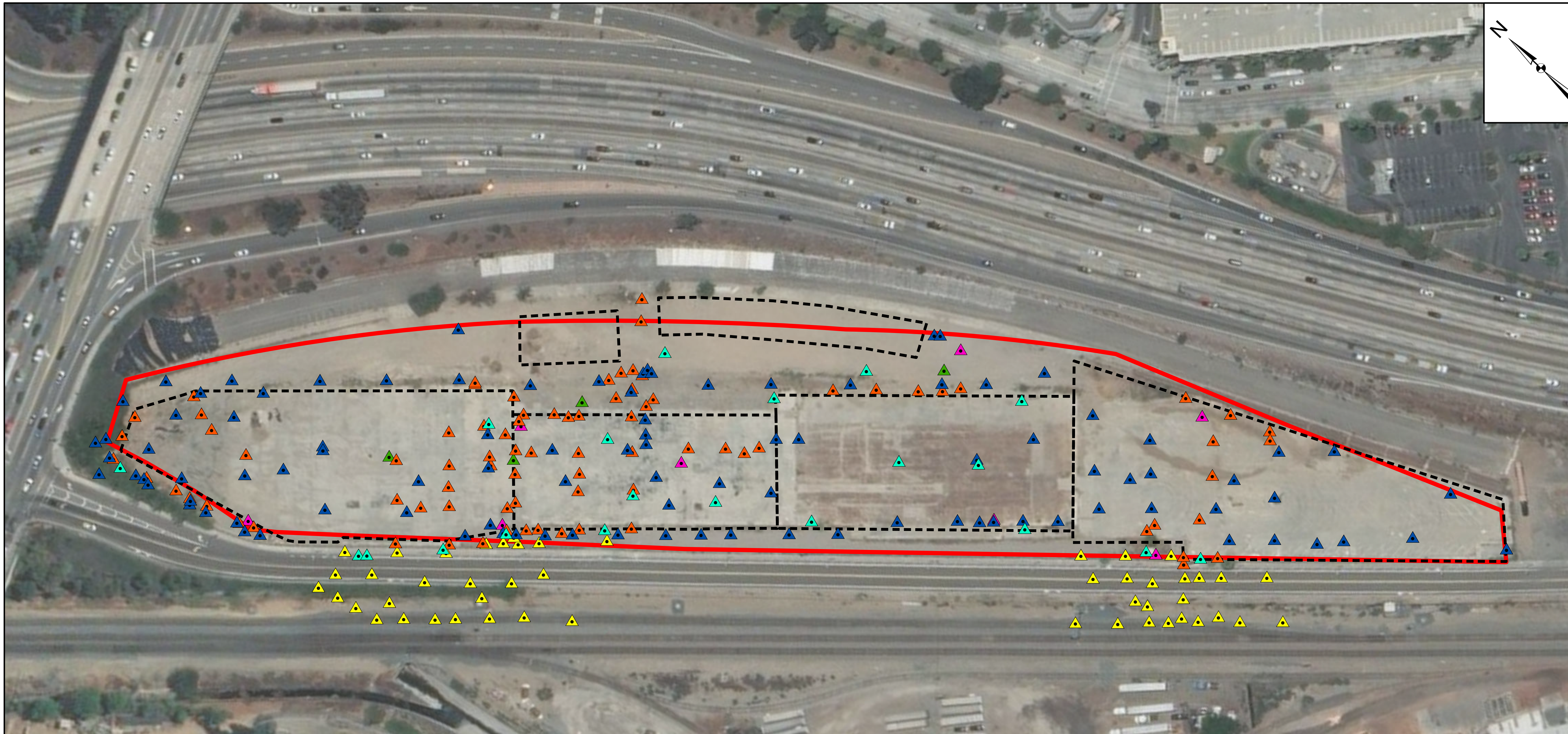
Project No: HR1305D | August 2018

Figure 4

(S \ = \ \hbeach-01\data\GIS$\) P:\GIS\HR1305\HR1305.aprx v 5/30/2018



Legend

Pre-Remediation Soil Vapor Sample Locations

- (HGC, February 1992)
- (HGC, September 1992)
- (HGC, 22 February 1995)
- (HGC, 23 February 1995)
- (HGC, August 1999)
- (HGC, April 2001)
- Former Buildings
- Site Boundary

Notes:
1. Pre-Remediation refers to sampling prior to and including 2001.
2. Locations are approximate.
3. Sample locations may have been sampled multiple times.

Pre-Remediation Soil Vapor Sampling Locations
777 North Front Street
Burbank, California

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Project No: HR1305D | August 2018

Figure 5

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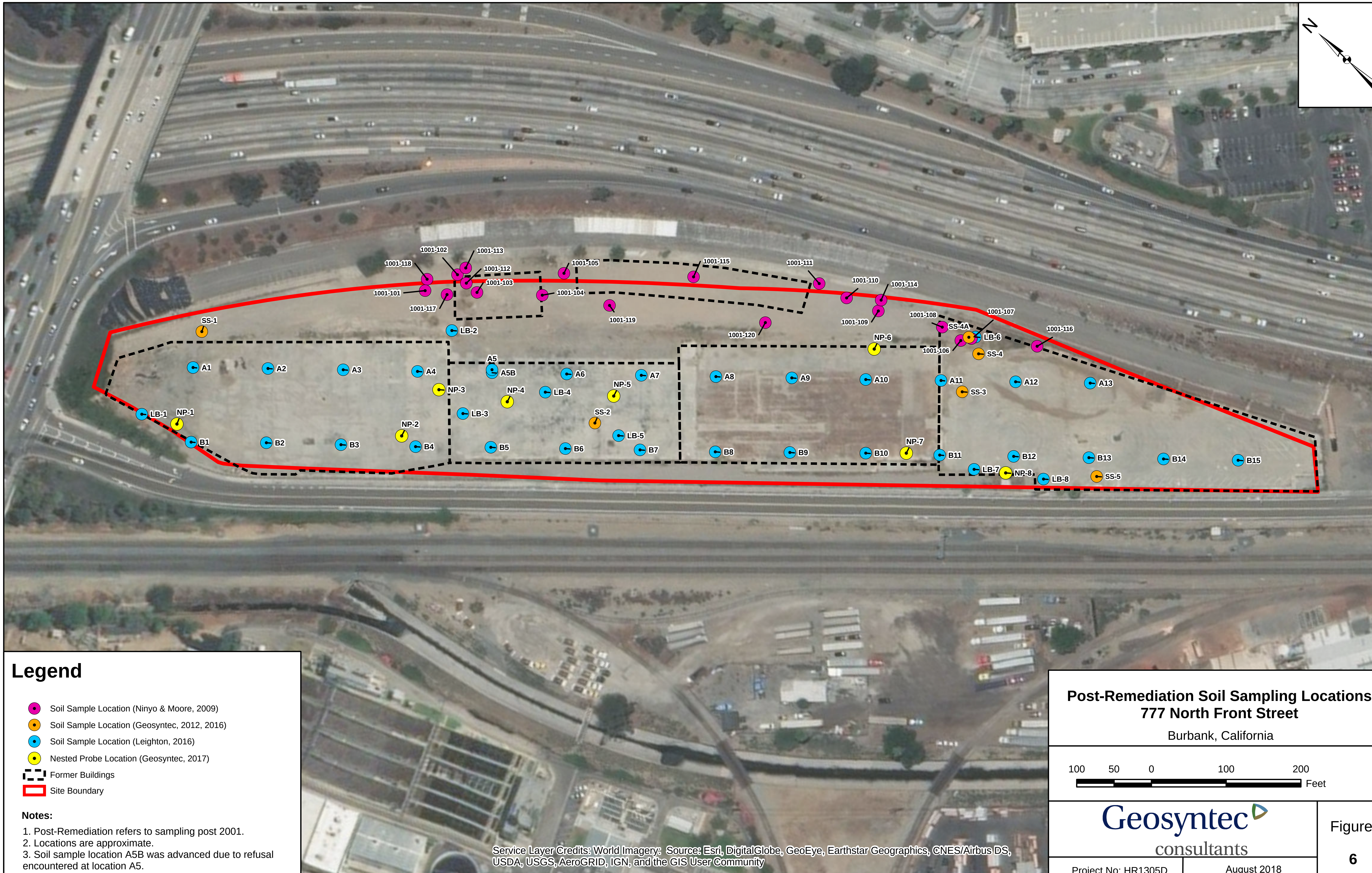


Service Layer Credits: World Imagery: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

- Soil Sample Location (Ninyo & Moore, 2009)
- Soil Sample Location (Geosyntec, 2012, 2016)
- Soil Sample Location (Leighton, 2016)
- Nested Probe Location (Geosyntec, 2017)
- Former Buildings
- Site Boundary

Notes:

1. Post-Remediation refers to sampling post 2001.
2. Locations are approximate.
3. Soil sample location A5B was advanced due to refusal encountered at location A5.

Post-Remediation Soil Sampling Locations
777 North Front Street
Burbank, California

100 50 0 100 200
Feet

Geosyntec consultants

Figure **6**

Project No: HR1305D | August 2018

(S\ = \\hbeach01\data\GIS\) P:\GIS\HR1305\HR1305.aprx v 5/30/2018

Legend

- Soil Vapor Sample Location (Ninyo & Moore, 2009)
- Soil Vapor Sample Location (Leighton, 2016)
- Nested Probe Location (Geosyntec, 2017)
- Former Buildings
- Site Boundary

Notes:

1. Post-Remediation refers to sampling post 2001
2. Locations are approximate
3. Soil vapor sample location A5B was advanced due to refusal encountered at location A5.

Post-Remediation Soil Vapor Sampling Locations
777 North Front Street
Burbank, California

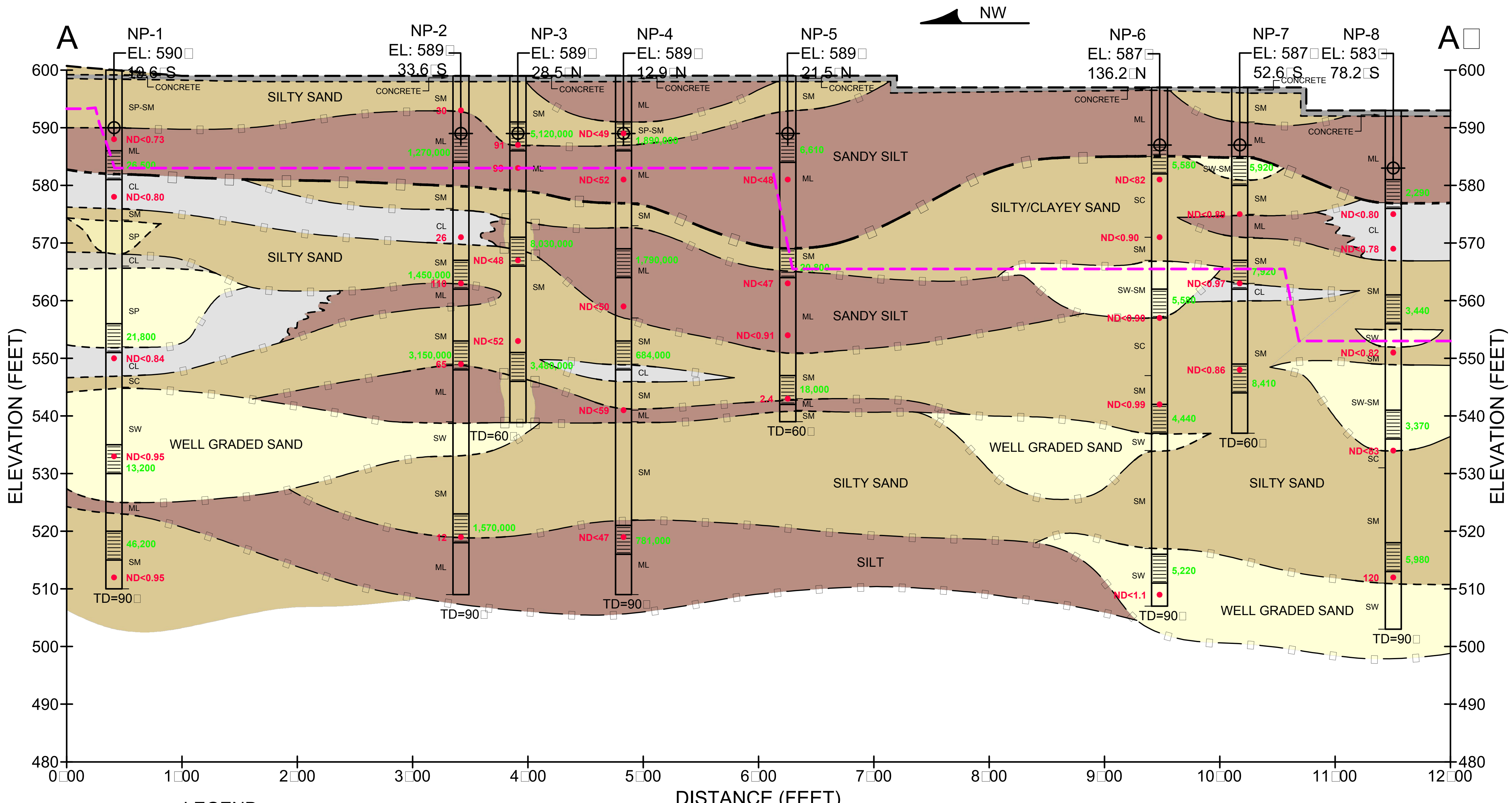
100 50 0 100 200 Feet

Geosyntec consultants

Project No: HR1305D | August 2018

Figure 7

(S\ = \\hbeach-01\data\GIS\) P:\GIS\HR1305\HR1305.aprx v 5/30/2018



LEGEND

⌖	PROJECTED LOCATION OF BORING
	CONCRETE
	WELL GRADED SANDS (SW) AND POORLY GRADED SANDS (SP)
	SILTY SANDS (SM) AND CLAYEY SANDS (SC)
	SILTS AND SANDY SILTS (ML)
	CLAYS AND SANDY CLAY (CL)
	PROBE SCREEN
ND<0.95 ●	TETRACHLOROETHENE (PCE) (SOIL DATA)
46,200	TETRACHLOROETHENE (PCE) (SOIL VAPOR DATA)
- - -	APPROXIMATED AREA TO BE EXCAVATED

NOTES:

1. SUBSURFACE CONDITIONS VARY AWAY FROM BORING LOCATIONS AND WITH PASSAGE OF TIME.
2. CROSS SECTION A-A SHOWN IN PLAN VIEW IN FIGURE 3.
3. NESTED PROBES ARE PROJECTED ONTO CROSS SECTION A-A□ PROJECTION DISTANCE AND DIRECTION SHOWN HEREIN BENEATH THE PROBE ELEVATIONS.
4. SOIL VAPOR CONCENTRATIONS SHOWN HEREIN ARE IN MICROGRAM PER CUBIC METER (ug/m^3) UNITS AND SOIL CONCENTRATIONS ARE IN MICROGRAM PER □ILOGRAM (ug/kg) UNITS.
5. FOR SOIL VAPOR REPLICATE SAMPLES, THE HIGHEST SAMPLE CONCENTRATION IS DEPICTED.
6. ND□ = NOT DETECTED ABOVE THE SPECIFIED REPORTING LIMIT (RL).
7. THE LOCATION OF THE OIL LINE RIGHT-OF-WAY IS PROVIDED IN THE SCMP (ATTACHMENT A) AND IS NOT SHOWN ON THIS FIGURE; SIMILARLY UTILITY CORRIDORS ARE NOT SHOWN HERE AND WILL BE PROVIDED IN THE DESIGN REPORT

0 100
HORI□ONTAL SCALE

0 20
VERTICAL SCALE

CROSS SECTION A-A□
PCE IN SOIL AND SOIL VAPOR
777 N. FRONT STREET
BURBAN□, CALIFORNIA

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FIGURE 8a

PROJECT NO: HR1305E | FEBRUARY 2019

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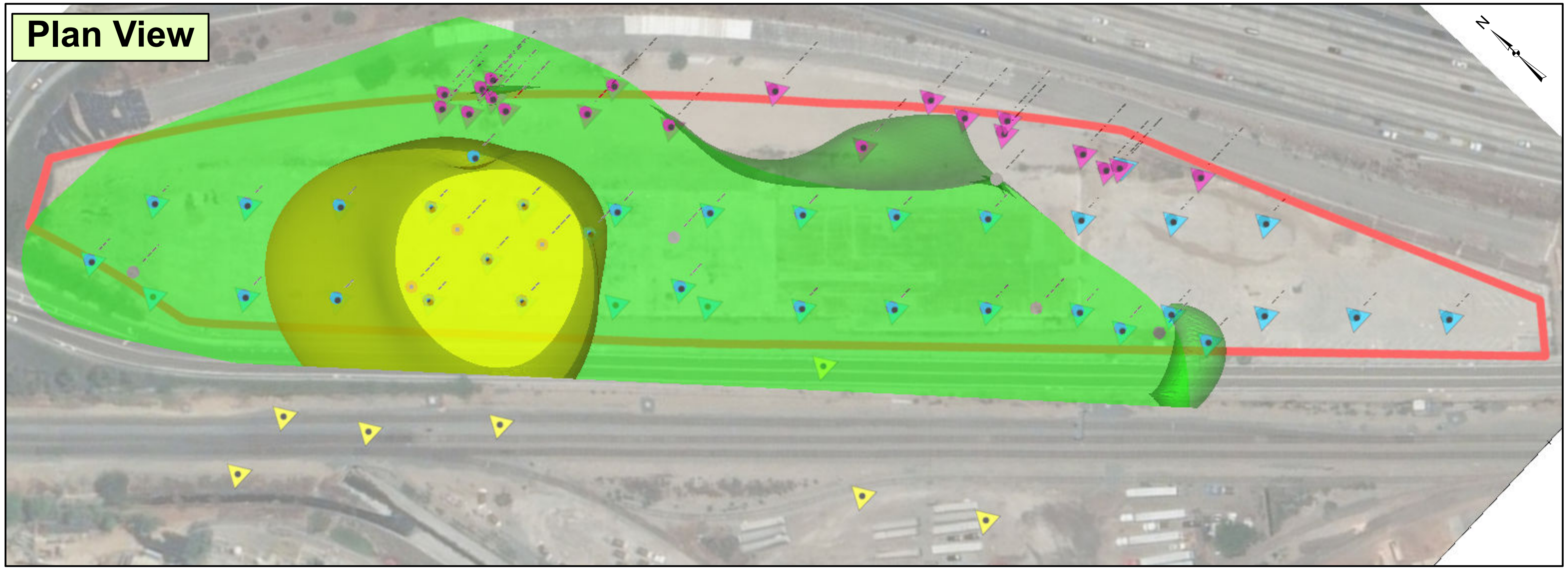
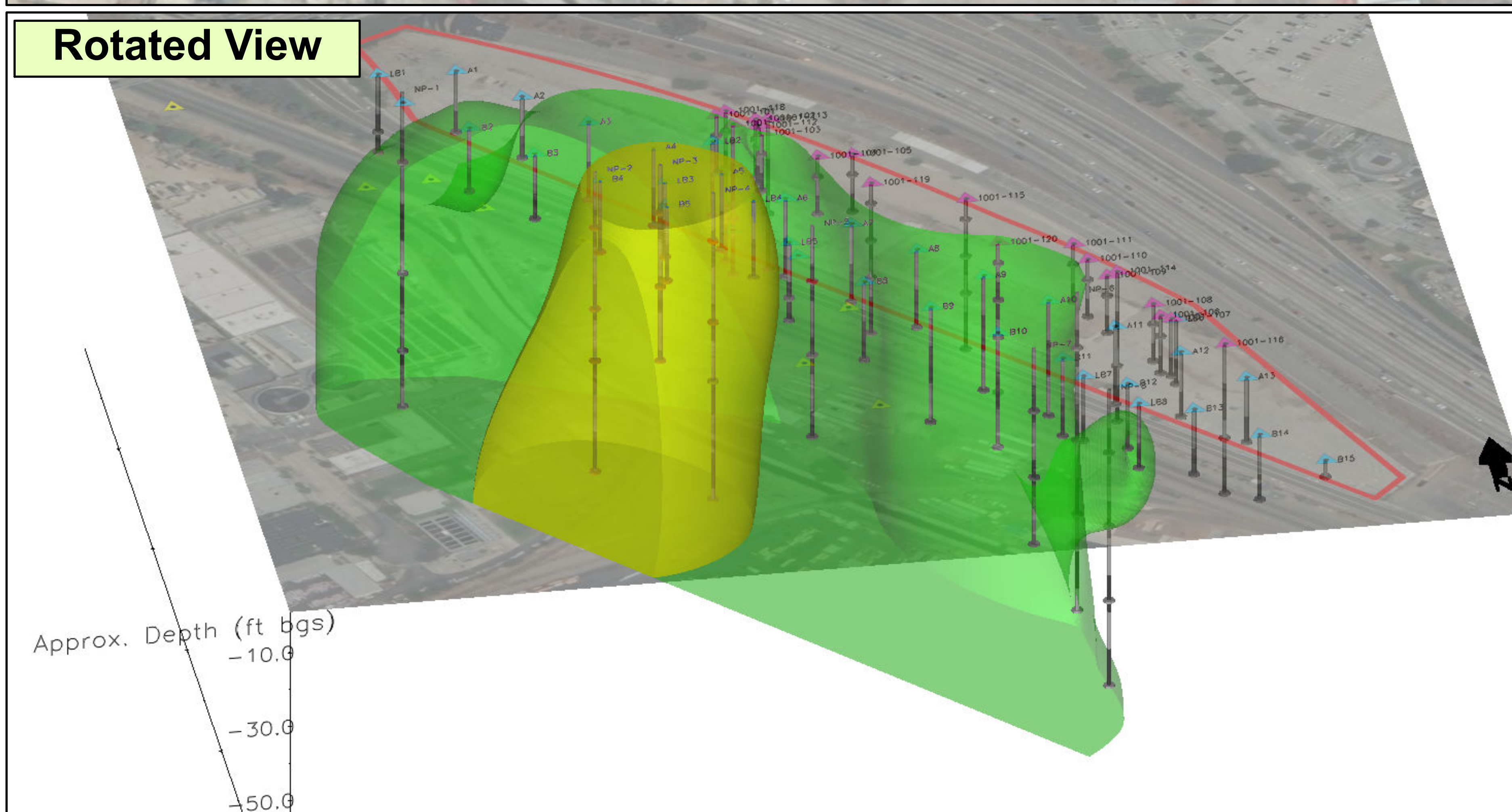




Legend

PCE (µg/L)

- <5
- 5 - 200
- >200 - 10,000

Notes:
1. The vertical scale is set to a exaggeration factor of 5.

Post-Remediation PCE Extent in Soil Vapor

777 North Front Street
Burbank, California

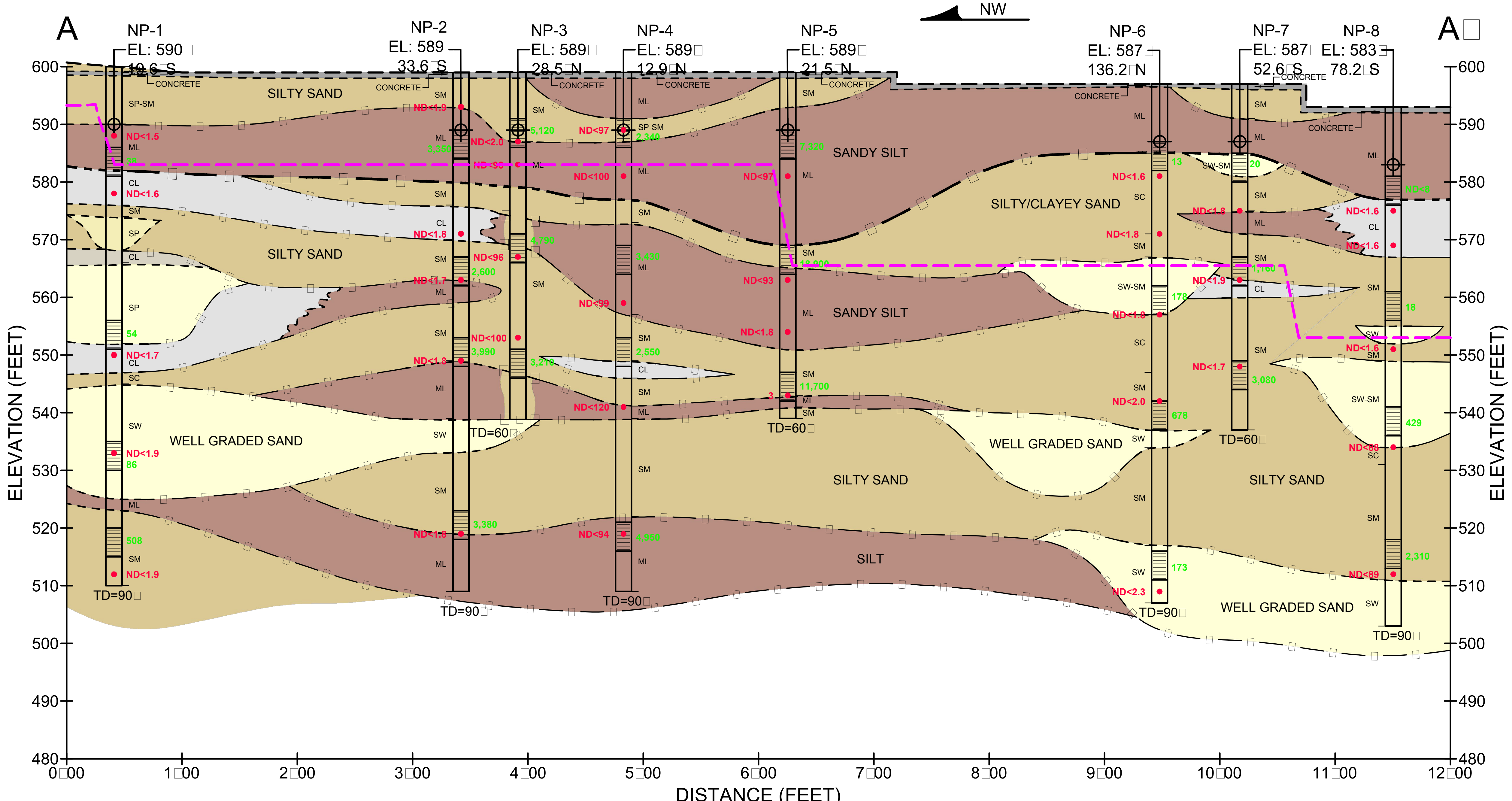
Geosyntec consultants

Project No: HR1305

August 2018

Figure **8b**

Path: author; dd-mmm-yyyy; ProjNum-Task-Phase; Document Number; etc.



LEGEND

- PROJECTED LOCATION OF BORING
- CONCRETE
- WELL GRADED SANDS (SW) AND POORLY GRADED SANDS (SP)
- SILTY SANDS (SM) AND CLAYEY SANDS (SC)
- SILTS AND SANDY SILTS (ML)
- CLAYS AND SANDY CLAY (CL)
- PROBE SCREEN
- ND□0.95 ● TRICHLOROETHENE (TCE) (SOIL DATA)
- 46,200 TRICHLOROETHENE (TCE) (SOIL VAPOR DATA)
- APPROXIMATED AREA TO BE EXCAVATED

NOTES:

1. SUBSURFACE CONDITIONS VARY AWAY FROM BORING LOCATIONS AND WITH PASSAGE OF TIME.
2. CROSS SECTION A-A SHOWN IN PLAN VIEW IN FIGURE 3.
3. NESTED PROBES ARE PROJECTED ONTO CROSS SECTION A-A□ PROJECTION DISTANCE AND DIRECTION SHOWN HEREIN BENEATH THE PROBE ELEVATIONS.
4. SOIL VAPOR CONCENTRATIONS SHOWN HEREIN ARE IN MICROGRAM PER CUBIC METER (ug/m³) UNITS AND SOIL CONCENTRATIONS ARE IN MICROGRAM PER □ILOGRAM (ug/kg) UNITS.
5. FOR SOIL VAPOR REPLICATE SAMPLES, THE HIGHEST SAMPLE CONCENTRATION IS DEPICTED.
6. ND□ = NOT DETECTED ABOVE THE SPECIFIED REPORTING LIMIT (RL).
7. THE LOCATION OF THE OIL LINE RIGHT-OF-WAY IS PROVIDED IN THE SCMP (ATTACHMENT A) AND IS NOT SHOWN ON THIS FIGURE; SIMILARLY UTILITY CORRIDORS ARE NOT SHOWN HERE AND WILL BE PROVIDED IN THE DESIGN REPORT

0 100
HORI□ONTAL SCALE

0 20
VERTICAL SCALE

CROSS SECTION A-A□
TCE IN SOIL AND SOIL VAPOR
777 N. FRONT STREET
BURBAN□, CALIFORNIA

Geosyntec consultants

PROJECT NO: HR1305E | FEBRUARY 2019

FIGURE 9a

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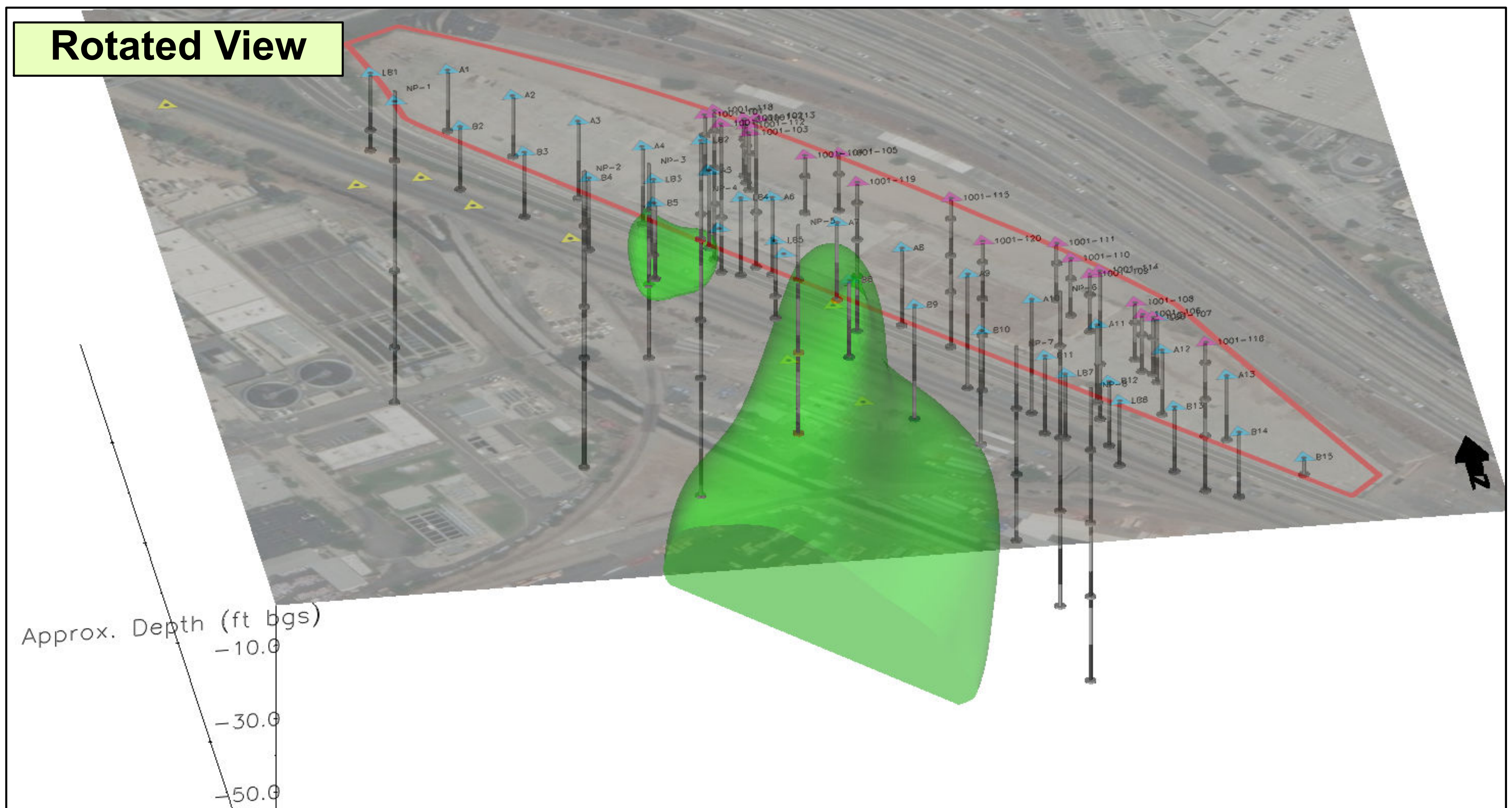


Legend

TCE (µg/L)

<5

5 - 40

Notes:
1. The vertical scale is set to a exaggeration factor of 5.

Post-Remediation TCE Extent in Soil Vapor

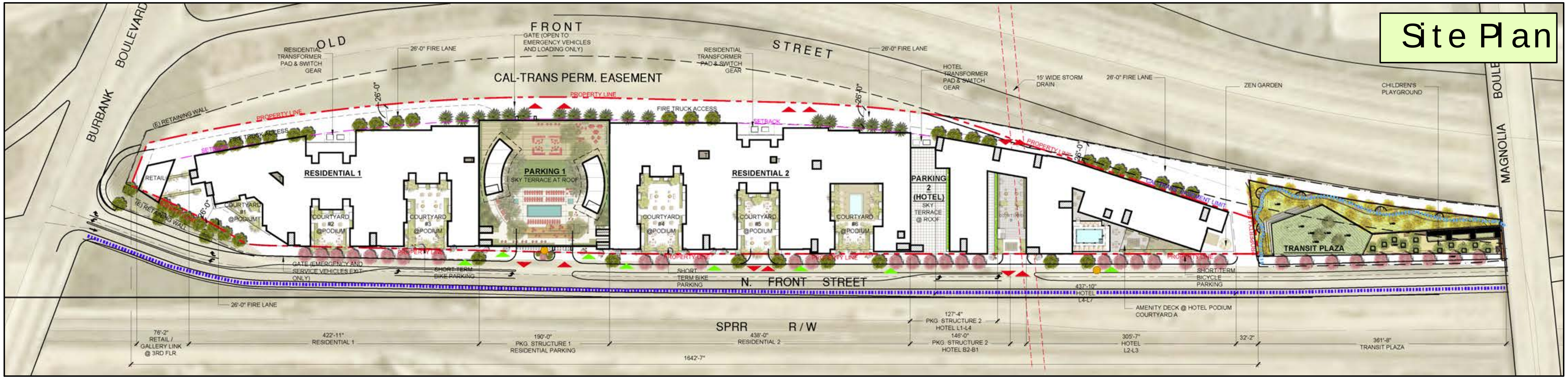
777 North Front Street
Burbank, California

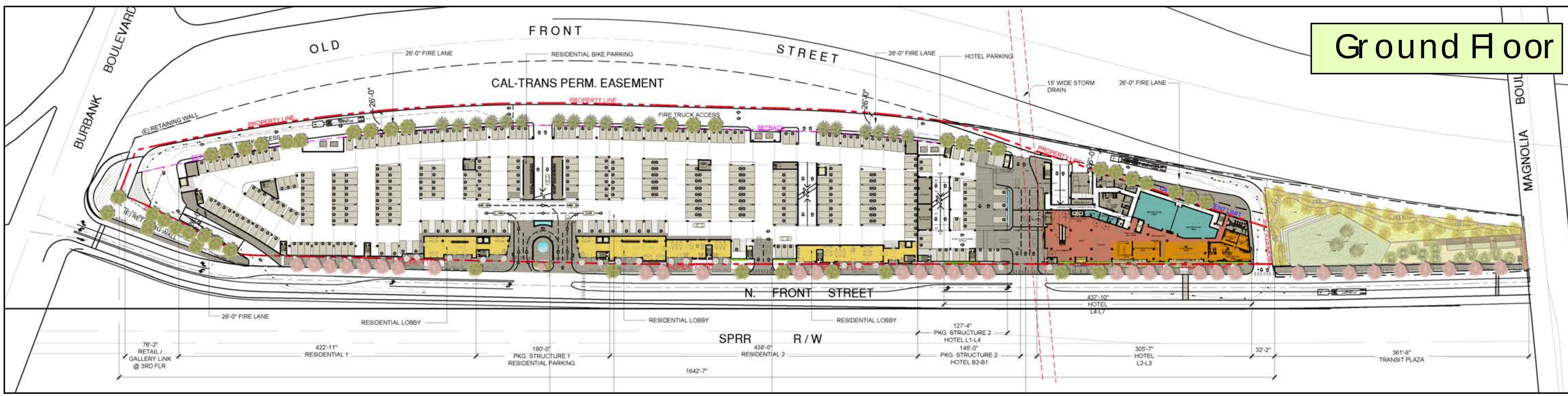
Geosyntec consultants

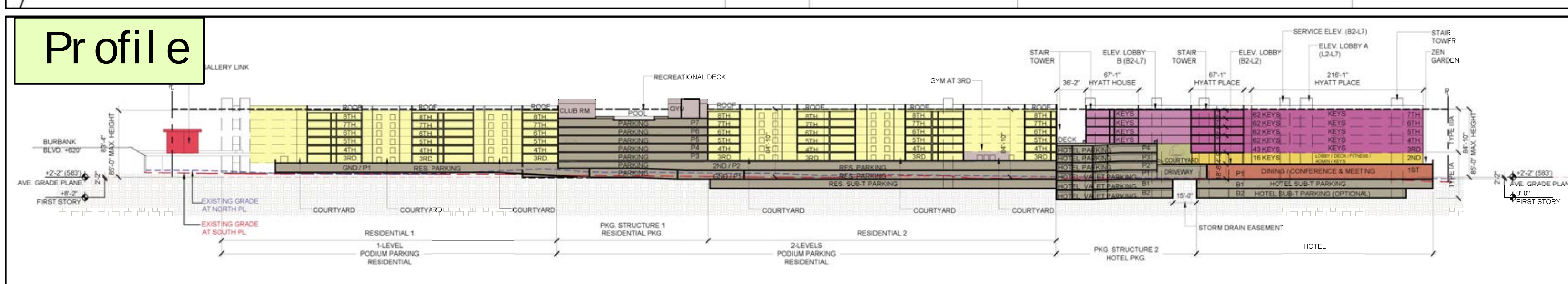
Figure **9b**

Project No: HR1305 | August 2018

Path: author: dd-mmm-yyyy; ProjNum-Task-Phase; Document Number; etc.





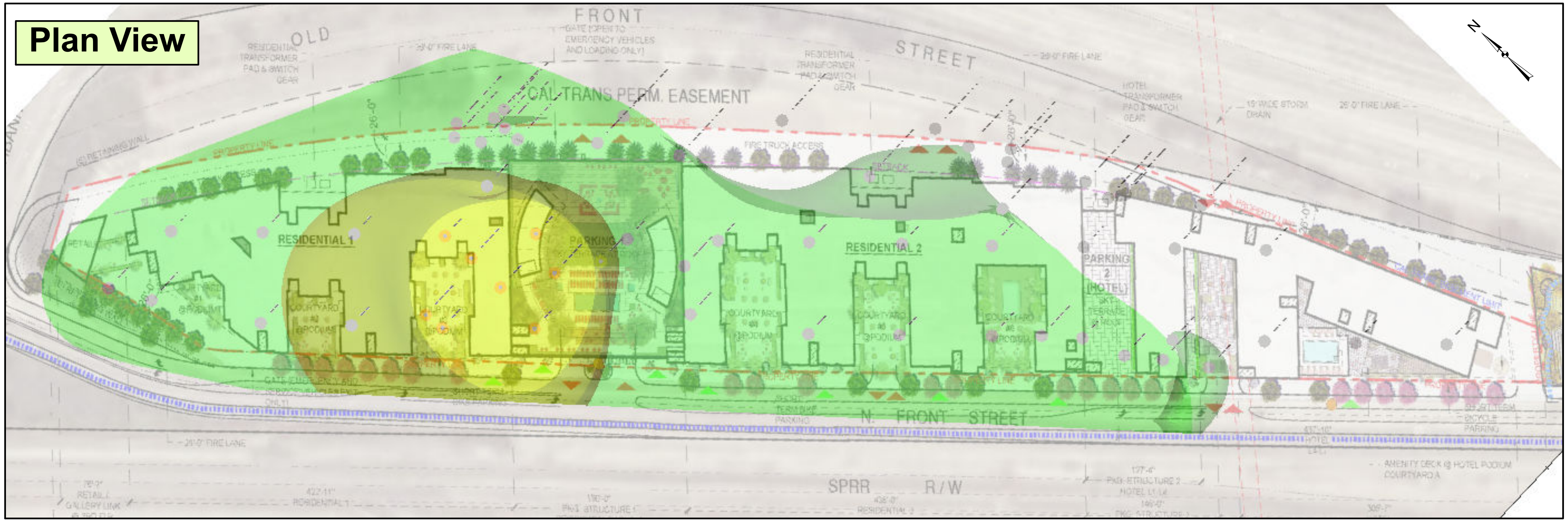


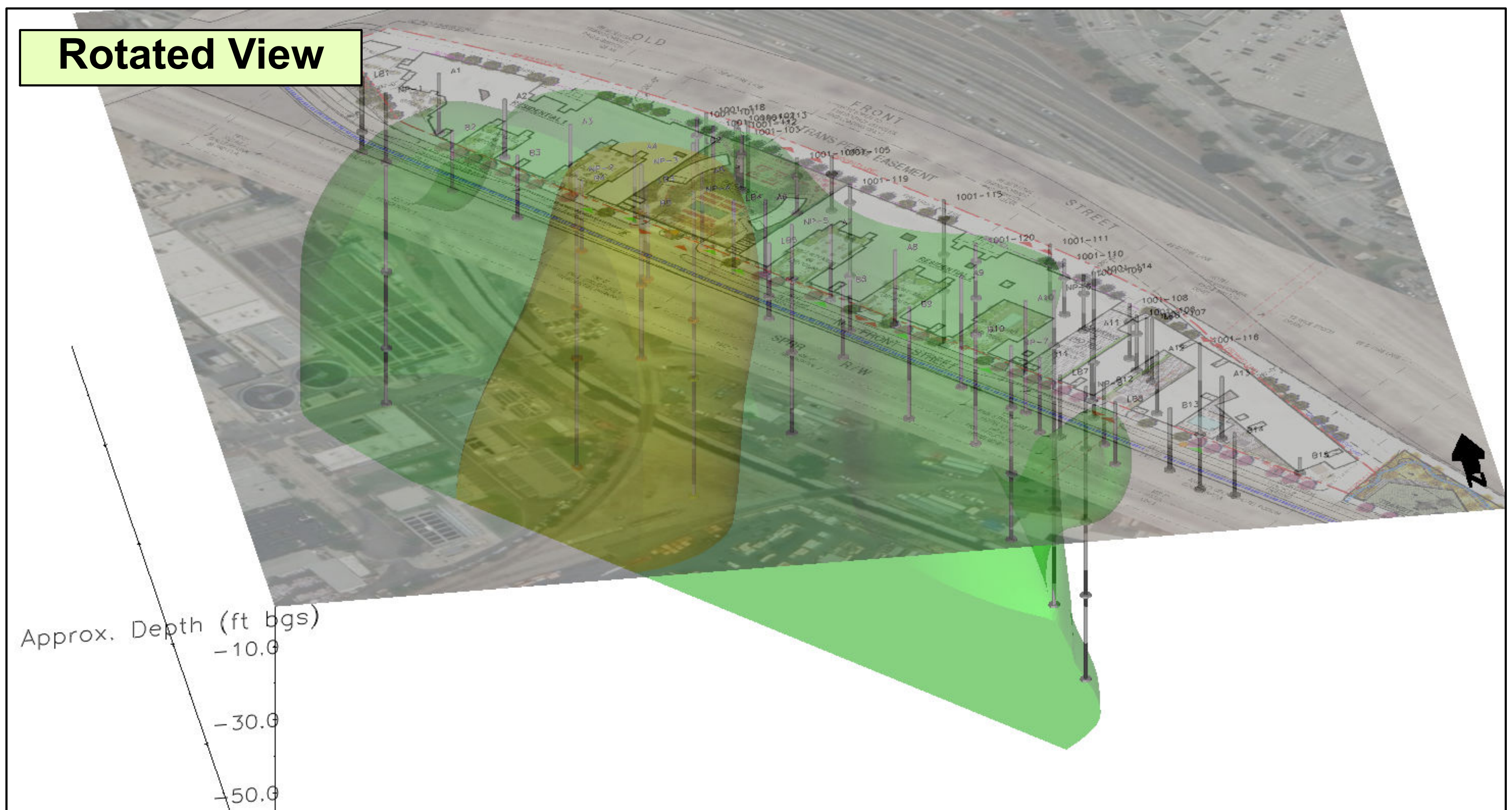
Redevelopment Plan
777 North Front Street
Burbank, California

Geosyntec consultants

Figure **10**

Project No: HR1305D | August 2018





Legend

PCE (µg/L)

- <5
- 5 - 200
- >200 - 10,000

Notes:
1. The vertical scale is set to a exaggeration factor of 5.

Post-Remediation PCE Extent in Soil Vapor - Redevelopment Plan

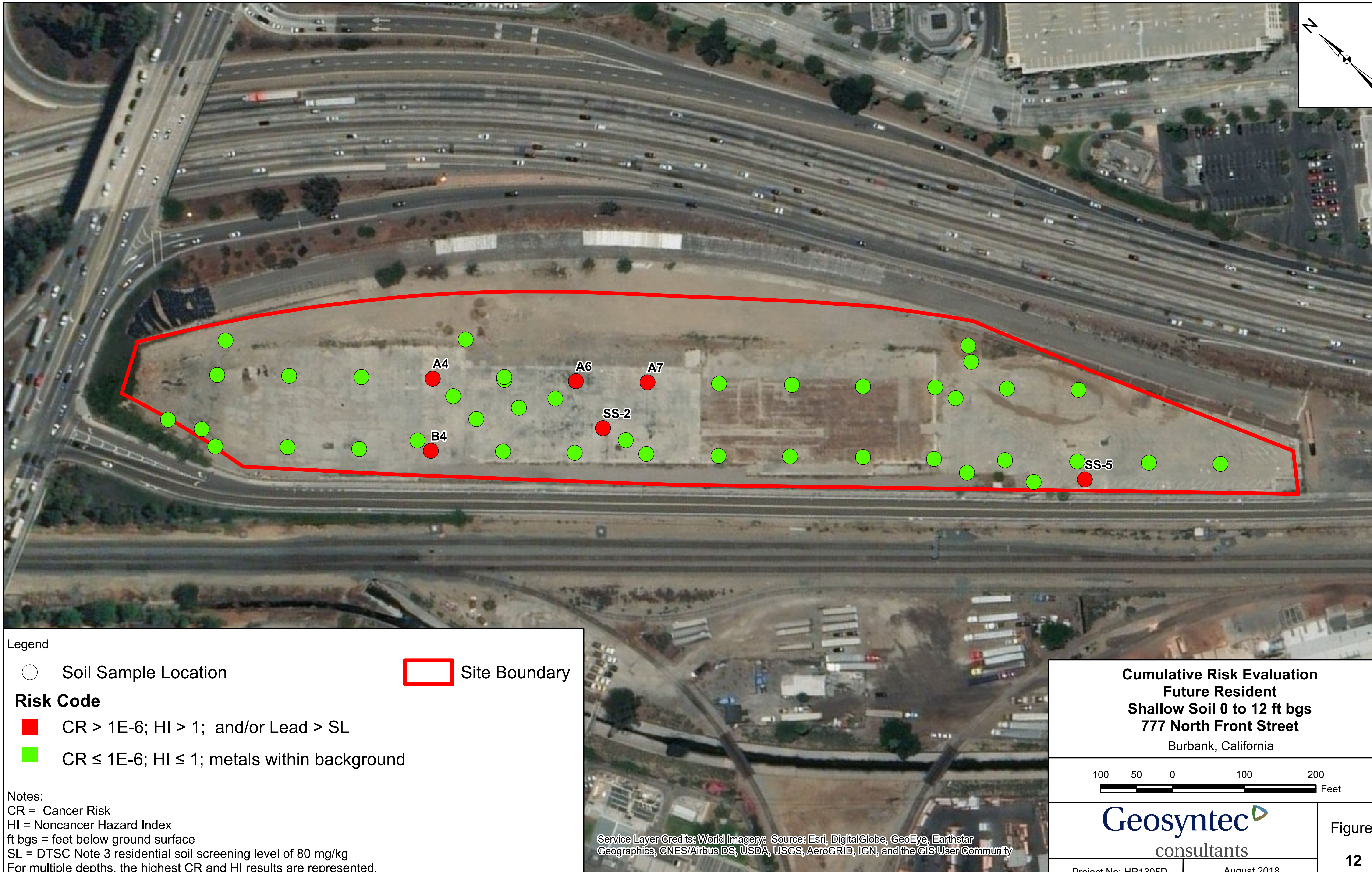
777 North Front Street
Burbank, California

Geosyntec consultants

Figure 11

Project No: HR1305

August 2018



Legend

Soil Sample Location

Site Boundary

Risk Code

CR > 1E-6; HI > 1; and/or Lead > SL

CR ≤ 1E-6; HI ≤ 1; metals within background

Notes:
CR = Cancer Risk
HI = Noncancer Hazard Index
ft bgs = feet below ground surface
SL = DTSC Note 3 residential soil screening level of 80 mg/kg
For multiple depths, the highest CR and HI results are represented.

Cumulative Risk Evaluation
Future Resident
Shallow Soil 0 to 12 ft bgs
777 North Front Street
Burbank, California

100 50 0 100 200
Feet

Geosyntec consultants

Project No: HR1305D | August 2018

Figure 12

[S:\ = \\hbeach-01\data\GIS$\] P:\GIS\HR1305\HR1305.aprx JS 5/31/2018

Legend

Soil Sample Location

Site Boundary

Risk Code

Lead > SL

CR ≤ 1E-5; HI ≤ 1; metals within background

Notes:
CR = Cancer Risk
HI = Noncancer Hazard Index
ft bgs = feet below ground surface
SL = DTSC Note 3 worker soil screening level of 320 mg/kg
For multiple depths, the highest CR and HI results are represented.

Cumulative Risk Evaluation
Future Commercial Worker
Shallow Soil 0 to 12 ft bgs
777 North Front Street
Burbank, California

Geosyntec consultants

Project No: HR1305D | August 2018

Figure 13

(S\ = \\hbeach-01\data\GIS$\) P:\GIS\HR1305\HR1305.aprx JS 5/31/2018

Legend

Soil Sample Location

Site Boundary

Risk Code

CR > 1E-5; HI > 1; and/or Lead > SL

CR ≤ 1E-5; HI ≤ 1; metals within background

Notes:
CR = Cancer Risk
HI = Noncancer Hazard Index
ft bgs = feet below ground surface
SL = DTSC Note 3 worker soil screening level of 320 mg/kg
For multiple depths, the highest CR and HI results are represented.

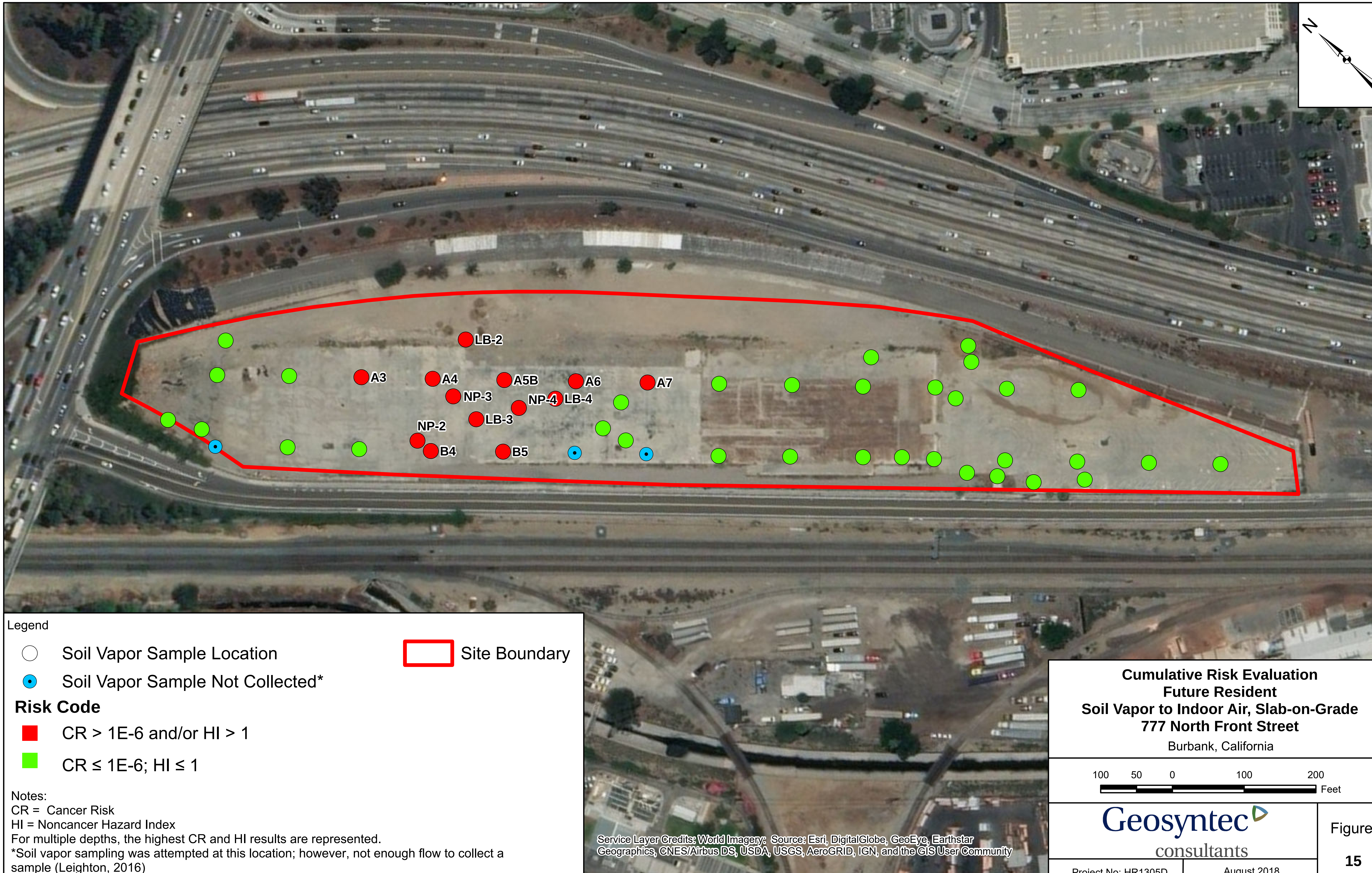
Cumulative Risk Evaluation
Future Construction Worker
Shallow Soil 0 to 12 ft bgs
777 North Front Street
Burbank, California

Geosyntec consultants

Project No: HR1305d | August 2018

Figure 14

(S:\ = \\hbeach-01\data\GIS&\) P:\GIS\HR1305\HR1305.aprx JS 5/31/2018



Legend

- Soil Vapor Sample Location
- Soil Vapor Sample Not Collected*
- Site Boundary

Risk Code

- CR > 1E-6 and/or HI > 1
- CR ≤ 1E-6; HI ≤ 1

Notes:
CR = Cancer Risk
HI = Noncancer Hazard Index
For multiple depths, the highest CR and HI results are represented.
*Soil vapor sampling was attempted at this location; however, not enough flow to collect a sample (Leighton, 2016)

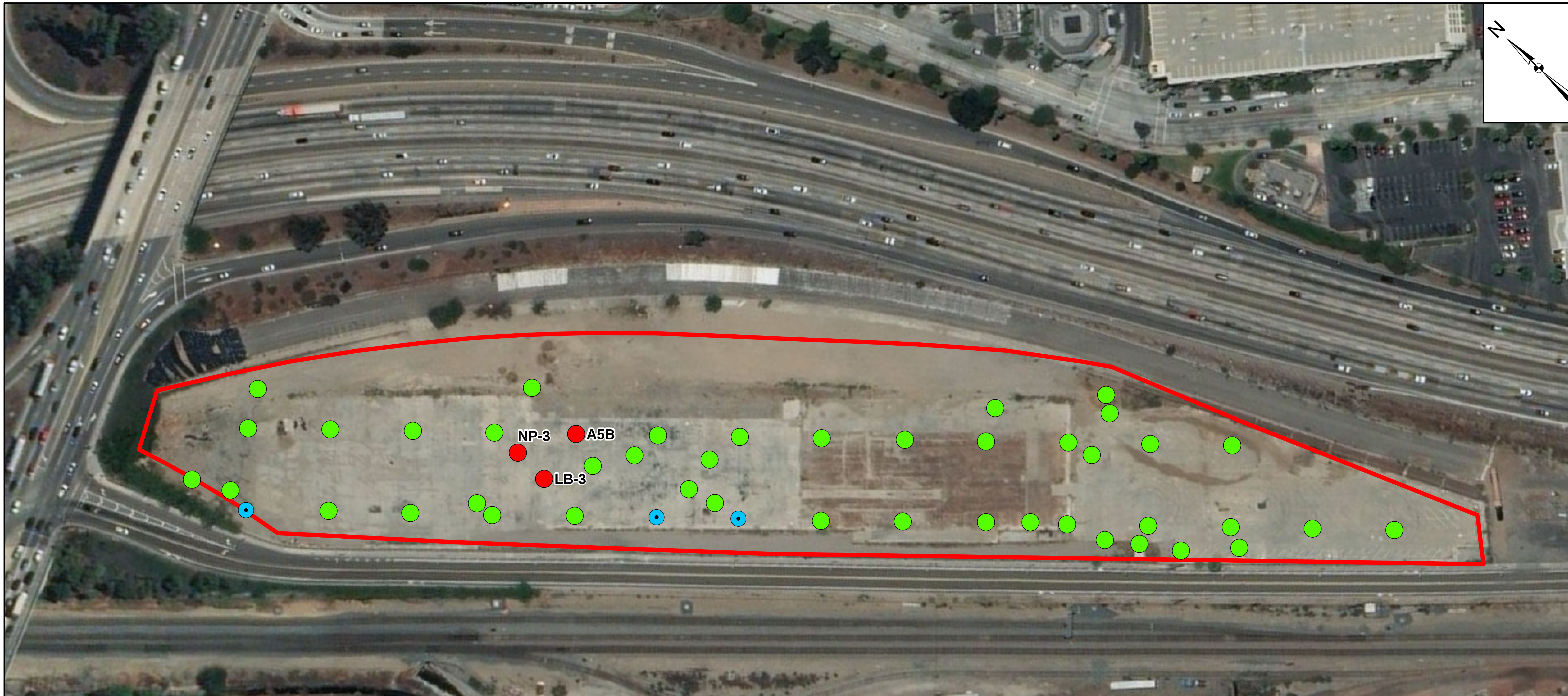
Cumulative Risk Evaluation
Future Resident
Soil Vapor to Indoor Air, Slab-on-Grade
777 North Front Street
Burbank, California

Geosyntec consultants

Project No: HR1305D | August 2018

Figure **15**

(S:\ = \\hbeach-01\data\GS81) P:\GIS\HR1305\HR1305.aprx JS 5/31/2018



Legend

Soil Vapor Sample Location

Soil Vapor Sample Not Collected*

Site Boundary

Risk Code

CR > 1E-6 and/or HI > 1

CR ≤ 1E-6; HI ≤ 1

Notes:
CR = Cancer Risk
HI = Noncancer Hazard Index
For multiple depths, the highest CR and HI results are represented.
*Soil vapor sampling was attempted at this location; however, not enough flow to collect a sample (Leighton, 2016)

Service Layer Credits: World Imagery: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Cumulative Risk Evaluation
Future Resident
Soil Vapor to Indoor Air, Second Floor
777 North Front Street
Burbank, California

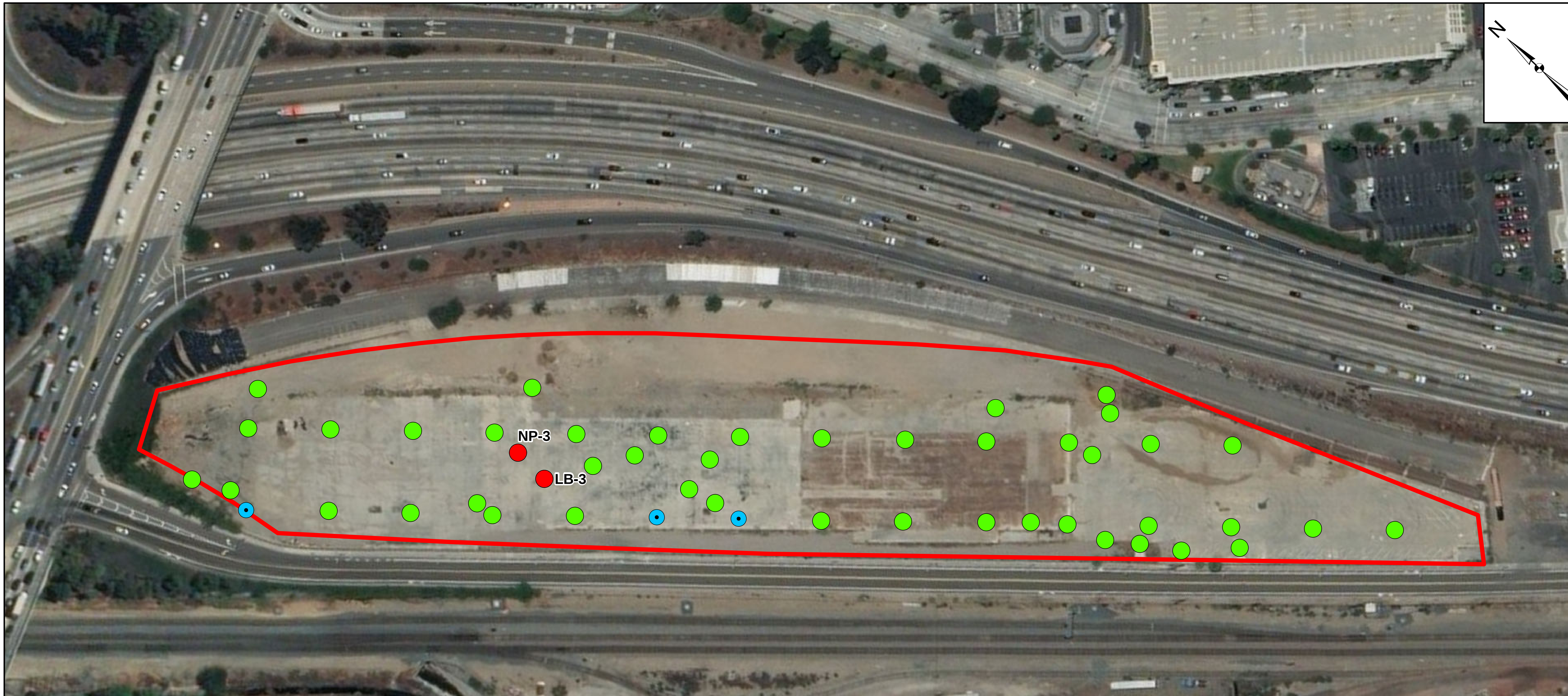
100 50 0 100 200 Feet

Geosyntec consultants

Figure 16

Project No: HR1305d

August 2018



Legend

- Soil Vapor Sample Location
- Soil Vapor Sample Not Collected*
- Site Boundary

Risk Code

- CR > 1E-5 and/or HI > 1
- CR ≤ 1E-5; HI ≤ 1

Notes:
CR = Cancer Risk
HI = Noncancer Hazard Index
For multiple depths, the highest CR and HI results are represented.
*Soil vapor sampling was attempted at this location; however, not enough flow to collect a sample (Leighton, 2016)

Cumulative Risk Evaluation
Future Commercial Worker
Soil Vapor to Indoor Air, Slab-on-Grade
777 North Front Street
Burbank, California

100 50 0 100 200 Feet

Geosyntec consultants

Figure 17

Project No: HR1305D | August 2018

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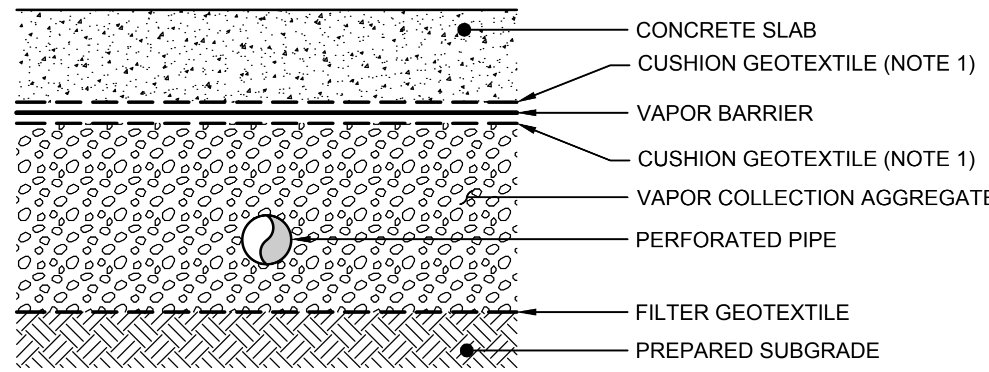
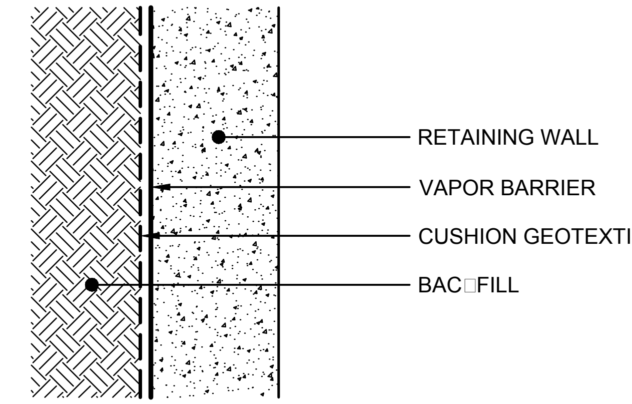
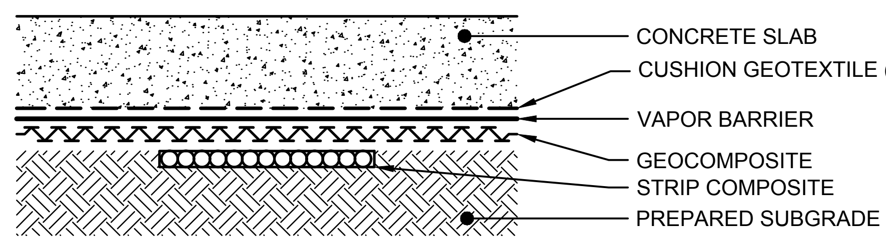


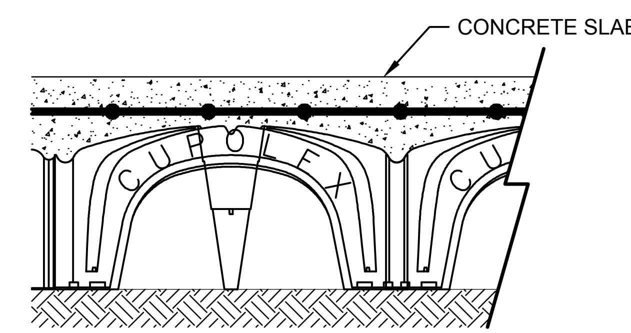
A - TYPICAL VAPOR INTRUSION BARRIER AND EXTRACTION SYSTEM WITH VENTING



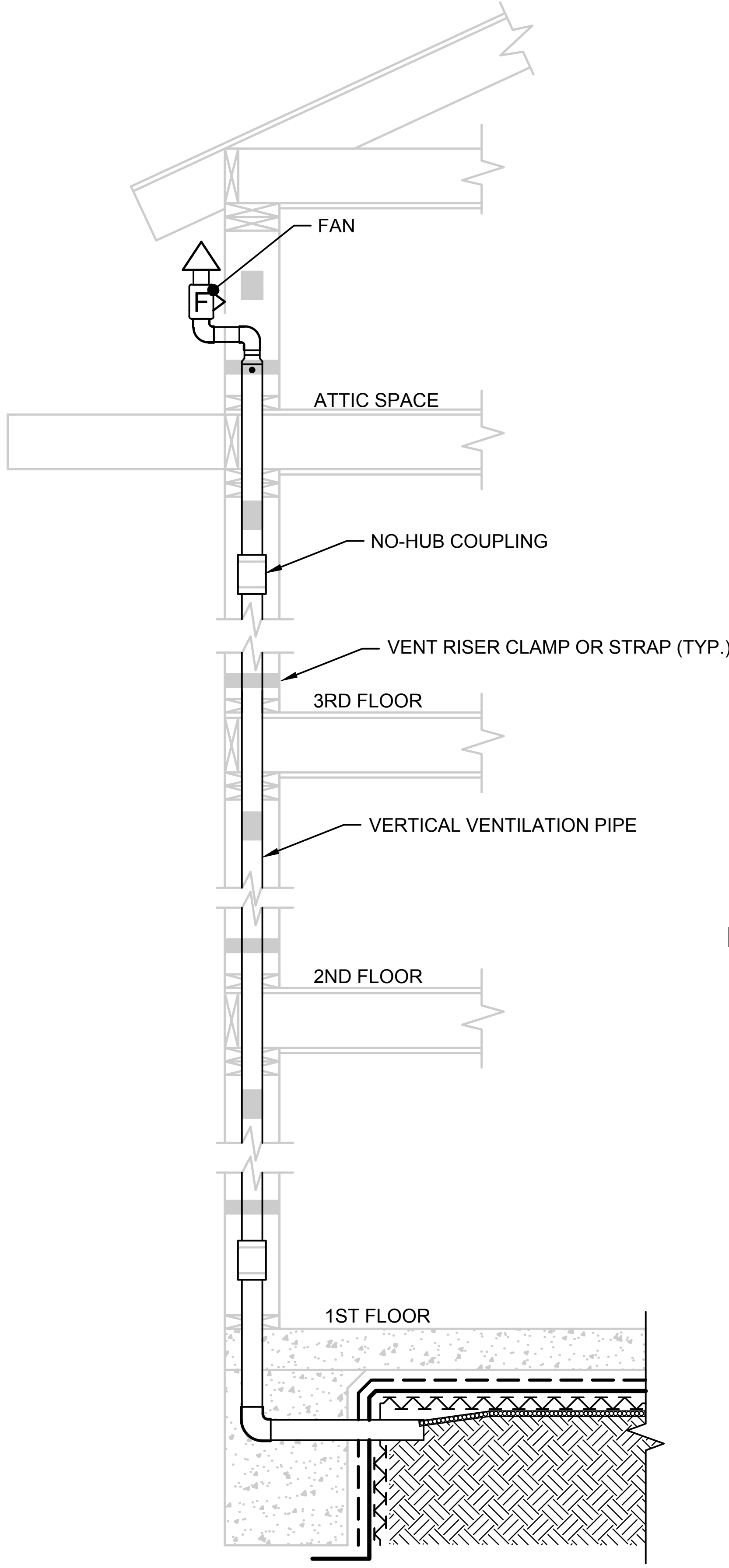
C - TYPICAL RETAINING WALL VAPOR BARRIER



B - ALTERNATIVE VAPOR INTRUSION BARRIER AND EXTRACTION SYSTEM WITH VENTING



D - TYPICAL AERATED FLOOR



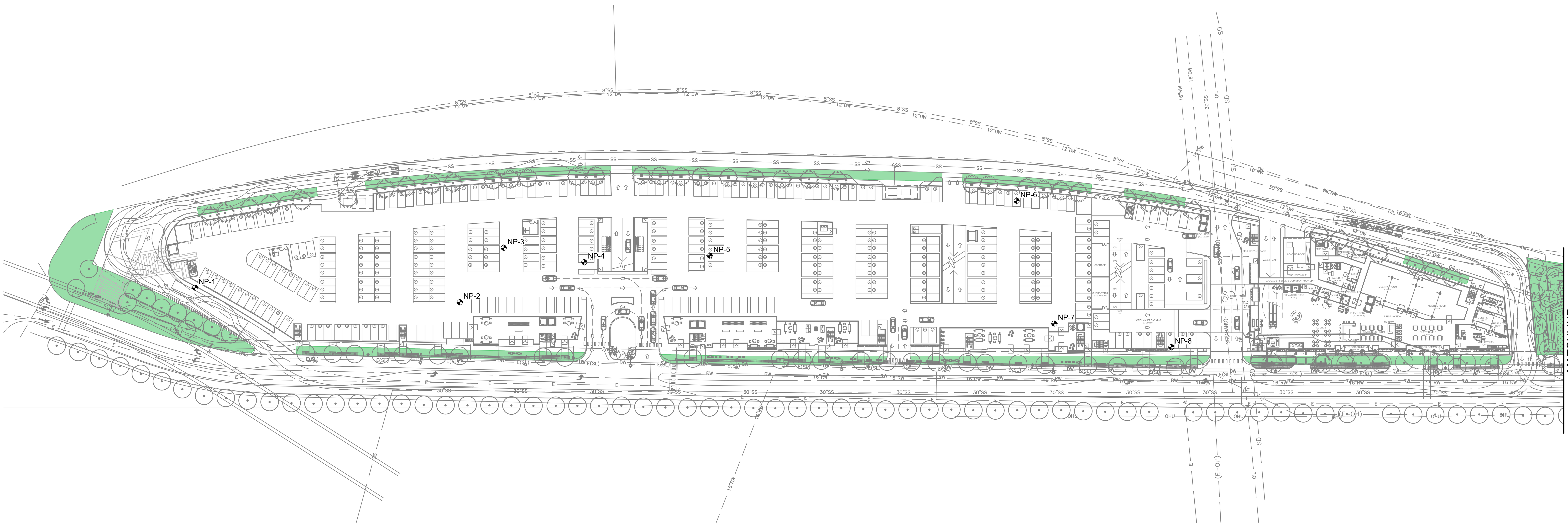
E - TYPICAL VENT RISER PIPE

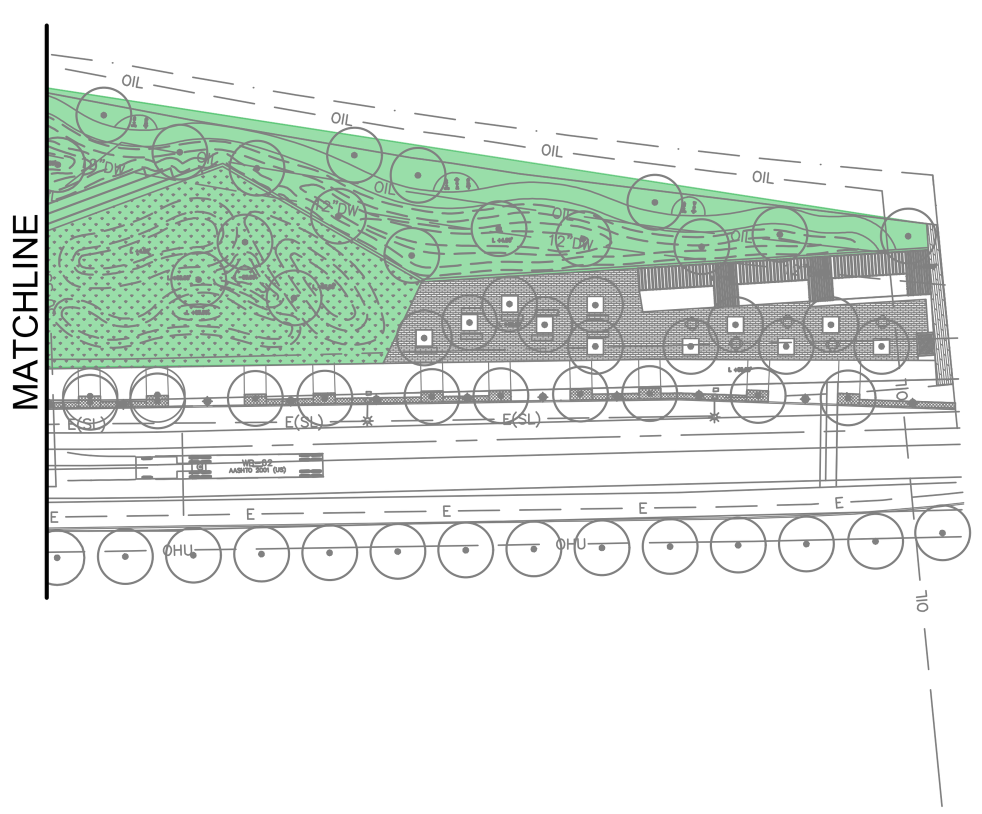
NOTE:

1. 2" SAND LAYER OR MUD SLAB MAY BE USE IN LIEU OF CUSHION GEOTEXTILE.

NOT TO SCALE

ENGINEERING CONTROLS DETAILS RESPONSE PLAN 777 NORTH FRONT STREET BURBAN□, CALIFORNIA		
Geosyntec consultants		FIGURE 18
PROJECT NO: HR1305E	August 2018	





LEGEND

(green fill)	LIMITS OF GREEN SPACE
NP-1	POTENTIAL VADOSE ZONE MONITORING PROBE LOCATIONS (EXISTING)

NOTE:

1. BUILDING LAYOUT AND DIMENSIONS PROVIDE BY FUSCOE DATED 06-01-2018; "OIL" LINE REFERENCE ABOVE WILL BE REMOVED AS PART OF SITE PREPARATION.

0 60 120
SCALE IN FEET

(1in) (2in) (3in) (4in)
SCALE IS BASED ON 22" X 34" NON-REDUCED SHEET SIZE (BORDER = 21" X 32")

CONCEPTUAL LAYOUTS -
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRN	APP

Geosyntec consultants
2100 MAIN STREET, SUITE 150
HUNTINGTON BEACH, CALIFORNIA 92648
PHONE: 714.969.0800

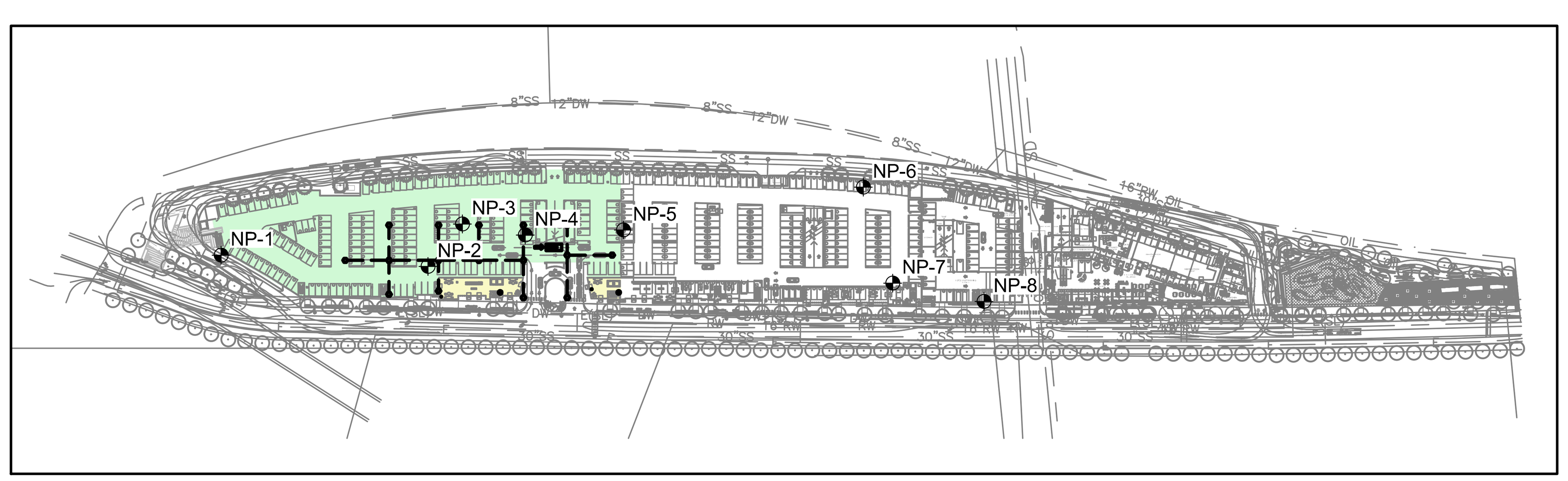
4TERRA

TITLE: LIMITS OF GREEN SPACE

PROJECT: ENGINEERING CONTROL RESPONSE PLAN

SITE: 777 NORTH FRONT STREET
BURBANK, CALIFORNIA

DESIGN BY:	RO	DATE:	MARCH 2019
DRAWN BY:	SB	PROJECT NO.:	HR1305
CHECKED BY:	MD	FILE:	
REVIEWED BY:	ES	DRAWING NO.:	
APPROVED BY:	--	1 OF 4	



KEY MAP

0 200 400
SCALE IN FEET

LEGEND

Symbol	Description
●	AIR INLET VENT RISER
○	VAPOR EXTRACTION VENT RISER
⬡	SOIL VAPOR EXTRACTION (EQUIPPED WITH DUAL VALVE FOR AIR INLET PURPOSES)
⇨ [ΦΦ]	TREATMENT SYSTEM (ROOF/UPPER PARKING STRUCTURE LEVEL MOUNTED UNIT)
(green)	LIMITS OF VAPOR BARRIER AND SUB-SLAB VENTILATION
(yellow)	PROPOSED LIMITS OF AERATED FLOOR

NOTE:

1. BUILDING LAYOUT AND DIMENSIONS PROVIDE BY FUSCOE DATED 06-01-2018.

REV	DATE	DESCRIPTION	DRN	APP

Geosyntec consultants
2100 MAIN STREET, SUITE 150
HUNTINGTON BEACH, CALIFORNIA 92648
PHONE: 714.969.0800

4TERRA

TITLE: GROUND LEVEL

PROJECT: ENGINEERING CONTROL RESPONSE PLAN

SITE: 777 NORTH FRONT STREET
BURBANK, CALIFORNIA

DESIGN BY:	RO	DATE:	MARCH 2019
DRAWN BY:	SB	PROJECT NO.:	HR1305
CHECKED BY:	MD	FILE:	
REVIEWED BY:	ES	DRAWING NO.:	2 OF 4
APPROVED BY:	--		

CONCEPTUAL LAYOUTS -
NOT FOR CONSTRUCTION

(1in) (2in) (3in) (4in)
SCALE IS BASED ON 22" X 34" NON-REDUCED SHEET SIZE (BORDER = 21" X 32")

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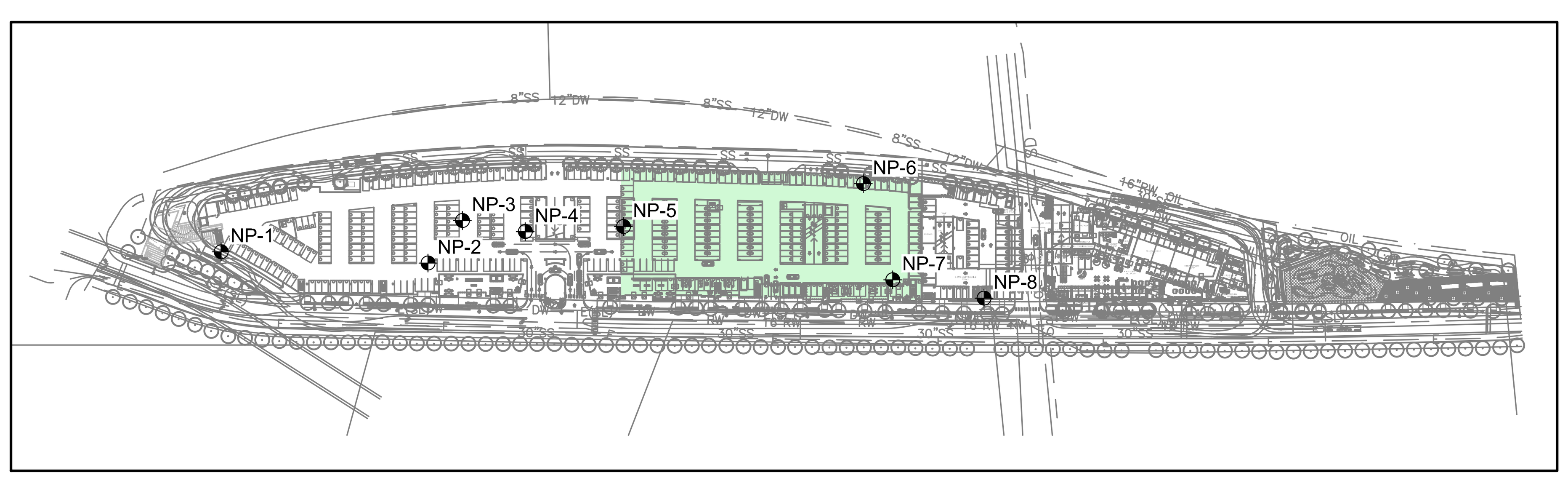

KEY MAP

0 200 400
SCALE IN FEET

LEGEND

- AIR INLET VENT RISER
- VAPOR EXTRACTION VENT RISER
- PERFORATED AIR INLET PIPING
- PERFORATED VAPOR EXTRACTION PIPING
- SOLID AIR INLET PIPING
- LIMITS OF VAPOR BARRIER AND SUB-SLAB VENTILATION

NOTE:

1. BUILDING LAYOUT AND DIMENSIONS PROVIDE BY FUSCOE DATED 06-01-2018.

0 30 60
SCALE IN FEET

SCALE IS BASED ON 22" X 34" NON-REDUCED SHEET SIZE (BORDER = 21" X 32")

CONCEPTUAL LAYOUTS - NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION	DRN	APP

Geosyntec consultants
2100 MAIN STREET, SUITE 150
HUNTINGTON BEACH, CALIFORNIA 92648
PHONE: 714.969.0800

4TERRA

TITLE: BASEMENT (B1) LEVEL

PROJECT: ENGINEERING CONTROL RESPONSE PLAN

SITE: 777 NORTH FRONT STREET
BURBANK, CALIFORNIA

DESIGN BY:	RO	DATE:	MARCH 2019
DRAWN BY:	SB	PROJECT NO.:	HR1305
CHECKED BY:	MD	FILE:	
REVIEWED BY:	ES	DRAWING NO.:	3 OF 4
APPROVED BY:	--		

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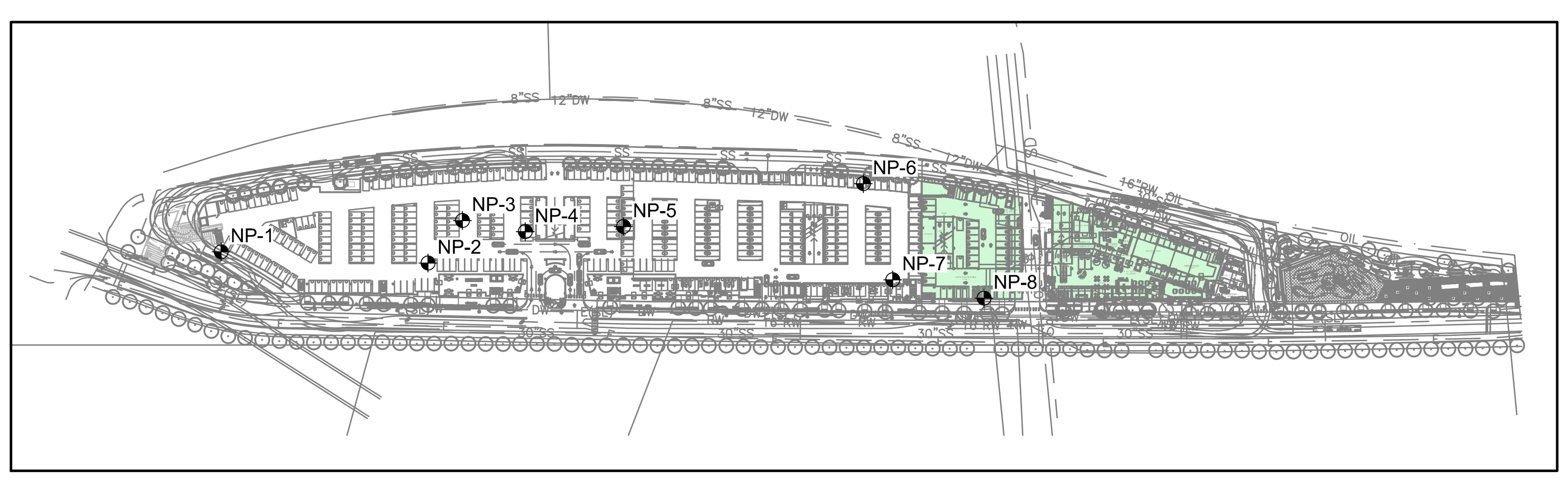

KEY MAP

0 200 400
SCALE IN FEET

LEGEND

Symbol	Description
●	AIR INLET VENT RISER
○	VAPOR EXTRACTION VENT RISER
-·-·-·-	PERFORATED AIR INLET PIPING
- - - -	PERFORATED VAPOR EXTRACTION PIPING
———	SOLID AIR INLET PIPING
(green shading)	LIMITS VAPOR BARRIER AND SUB-SLAB VENTILATION

NOTE:

1. BUILDING LAYOUT AND DIMENSIONS PROVIDE BY FUSCOE DATED 06-01-2018.

0 30 60
SCALE IN FEET

REV	DATE	DESCRIPTION	DRN	APP

Geosyntec consultants
2100 MAIN STREET, SUITE 150
HUNTINGTON BEACH, CALIFORNIA 92648
PHONE: 714.969.0800

4TERRA

TITLE: BASEMENT (B2) LEVEL

PROJECT: ENGINEERING CONTROL RESPONSE PLAN

SITE: 777 NORTH FRONT STREET
BURBANK, CALIFORNIA

DESIGN BY:	RO	DATE:	MARCH 2019
DRAWN BY:	SB	PROJECT NO.:	HR1305
CHECKED BY:	MD	FILE:	
REVIEWED BY:	ES	DRAWING NO.:	4 OF 4
APPROVED BY:	--		

CONCEPTUAL LAYOUTS -
NOT FOR CONSTRUCTION

(3in) (2in) (1in)
(1in) (2in) (3in) (4in)
SCALE IS BASED ON 22" X 34" NON-REDUCED SHEET SIZE (BORDER = 21" X 32")

ATTACHMENTS

A: Soil Contingency and Management Plan

(Leighton, 2019)

B: Supplemental Site Investigation (excerpt) –

Stratigraphic Cross-Section

(Geosyntec, 2018)

C: Site-Specific Health and Safety Plan –

Pre-Construction Draft

(Geosyntec, 2018)

ATTACHMENT A

SOIL CONTINGENCY AND MANAGEMENT PLAN
777 NORTH FRONT STREET
BURBANK, CALIFORNIA 91502

Prepared For:

SJ4 Burbank, LLC
c/o LaTerra Development, LLC

1800 Century Park East, Suite 600
Century City, California 90067

Leighton Project No. 11235.003

March 15, 2019

Leighton and Associates, Inc.
A LEIGHTON GROUP COMPANY

Leighton and Associates, Inc.
A LEIGHTON GROUP COMPANY

March 15, 2019

Project No. 11235.003

SJ4 Burbank, LLC
c/o LaTerra Development, LLC
1880 Century Park East, Suite 600
Century City, California 90067

Attention: Ms. Kim Paperin, President, Los Angeles/Ventura

Subject: Soil Contingency and Management Plan
777 North Front Street,
Burbank, California

Leighton and Associates, Inc. is pleased to present SJ4 Burbank, LLC c/o LaTerra Development, LLC with this Soil Contingency and Management Plan (SCMP) that has been prepared to address redevelopment of the property located at 777 North Front Street, Burbank, California (the site or subject property) by SJ4 Burbank, LLC (SJ4 Burbank). The SCMP is a plan to help guide excavation activities during site redevelopment in order to minimize potential environmental impacts to the construction activities and the project schedule planned for the redevelopment of the site by SJ4 Burbank.

If you have any questions or comments regarding the information presented in the SCMP, please do not hesitate to contact the undersigned at your earliest convenience.

Respectfully submitted,

LEIGHTON AND ASSOCIATES, INC.

PROFESSIONAL GEOLOGIST
ROBIN J. FERBER
NO. 5756
Exp. 7/31/19
STATE OF CALIFORNIA

Robin Ferber, PG (CA 5756)
Principal Geologist

RF/lr

Distribution: Addressee
Peter Nyquist, Esq., Greenberg Glusker LLP

26074 Avenue Hall, Suite 21 ▪ Santa Clarita, CA 91355
661.257.7434 ▪ 661.257.7430 Fax ▪ www.leightongroup.com

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Leighton

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Appendix A – Blackstone Consulting LLC Historical Features Map, December 2, 2015
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Appendix D – Site Plan, Front Street Property, 777 N. Front Street, Burbank, CA, Golder Associates, May 2, 2005
Appendix E - South Coast Air Quality Management District, Rule 1466

1.0 INTRODUCTION

This Soil Contingency and Management Plan (SCMP), presented as Attachment A of the Geosyntec First Revised Response Plan (RP), has been prepared by Leighton and Associates, Inc. (Leighton) for SJ4 Burbank, LLC (SJ4 Burbank) to address known and potential environmental impacts and minimize construction delays associated with the redevelopment of the former light industrial property located at 777 North Front Street in Burbank, California (the site or subject property). Figure 1 is a site location map of the subject property. The approximately eight-acre site is currently vacant and is covered by pavement and former building slabs. SJ4 Burbank intends to redevelop the subject property into a mixed-use, multi-level residential apartment complex with some ground level retail and an adjoining hotel. Prior to the commencement of redevelopment activities, the SCMP will be reviewed and approved by the California Regional Water Quality Control Board, Los Angeles Region (RWQCB) which is providing environmental oversight for the project. Once approved by the RWQCB, the SCMP will be implemented during construction as a means to address pre-existing and previously undiscovered environmental conditions present in shallow soil onsite. The SCMP is incorporated as a part of Geosyntec Consultants' September 2018 Response (RP).

The subject property is bounded by a Caltrans Right-of-Way followed by the Interstate-5 Freeway to the northeast, North Front Street and a Metrolink railroad line to the southwest , West Burbank Boulevard to the northwest, and West Magnolia Boulevard to the southeast (Figure 1). The County of Los Angeles Assessor Parcel Number (APN) for the site is 2449-037-013.

Information provided by SJ4 Burbank indicates the development project will be known as LaTerra Select Burbank (http://laterraselectburbank.com/project.php). The residential portion of the development will include 572 residential units in two buildings (one seven-story and one-eight story), with common areas, pools, fitness centers, business centers and other amenities. In addition, a hotel with approximately 300 rooms will be built on the southeastern end of the property, with amenities such as a restaurant, rooftop pool and meeting rooms. The plaza plan for the site will include 27,000 ft.^{2} of open green space and then enhance hardscape with elevator and staircase access to the Magnolia pedestrian bridge. It will provide a visual and sound buffer with walls and landscaping.

The site is currently covered with a building slab and paving that were formerly part of the Zero Corporation manufacturing facility that occupied the site from approximately 1961 through 1991. The subject property is also the former location of a water heater manufacturing company known as General Water Heater Company (GWHC) which operated onsite from the 1930s until 1961. Appendix A shows the location of known historical features associated with the former tenants at the site (Blackstone Consulting LLC, December 2, 2015).

Historical environmental site investigation activities indicate that shallow soil and soil vapor at the subject property have been affected by hazardous substances and petroleum products. The primary contaminants of concern (COCs) in shallow soil that will be affected during redevelopment operations include the metals lead, zinc, copper and chlorinated volatile organic compounds (VOCs). The SCMP reflects the site-specific conditions expected to be encountered during the removal for the former building slabs and paving and during grading which will remove significant quantities of shallow soil from the site.

SJ4 Burbank Shallow Soil Elevations for Pad Areas A, B, and C

Information regarding the areas and depths of soil to be excavated from the subject property has been provided by Fuscoe Engineering as three separate pad elevations and is presented in Figure 2. The three separate pad areas for the SJ4 site are designated as Areas A, B, and C. The proposed surface elevations and depth of excavation activities for Areas A, B, and C are summarized below:

- Area A - 583 feet above mean sea level (AMSL) with soil excavated to a depth of approximately 4.6 feet below the existing slab;
- Area B – 565.5 feet AMSL with soil excavated to a depth of approximately 21 feet below the existing slab; and
- Area C – 553 feet AMSL with soil excavated to a depth of approximately 28 feet below the existing slab, subject to the existing City of Burbank storm drain pipe right-of-way requirements (Figure 2).

Areas A, B, and C are legally described by metes and bounds in Appendix B. As it relates to obtaining shallow soil closure for COCs at the site from the RWQCB, “shallow soil” shall mean the respective pad elevations described above for Areas A, B, and C. As noted in Appendix B, the final dimensions and boundaries of the excavation areas (designated herein as Areas A, B, and C,) are subject to modification based on the final construction designs.

As set forth in the RP, the final dimensions and boundaries of the excavation areas designated as Areas A, B and C are subject to modification based on final construction designs for the project. In the event of any future modifications to the boundaries of Areas A, B or C, the required depth of soil excavation within the revised boundary between any two Areas shall default to the more conservative value (i.e., deeper of the excavation zones) to ensure protection of health and the environment. In addition, correct (and, as applicable, revised) legal “metes and bounds” descriptions will be provided to the RWQCB as a condition of the RWQCB’s issuance of a “no further action” determination for shallow soil remedial work for any of Areas A, B or C.

RWQCB Oversight

The RWQCB is the environmental regulatory agency providing oversight for the redevelopment of the subject property. The RWQCB has indicated that the COCs in shallow soil and in soil gas at the site must be present at concentrations that are protective of (1) the future residential occupants at the subject property and (2) groundwater. During meetings between SJ4 Burbank and the RWQCB, the RWQCB noted that the concentrations of COCs in soil at the site must not equal or exceed the November 2018 US EPA Region 9 Regional Screening Levels established soil in a residential setting (residential RSLs). The one exception to the RSLs is for arsenic which has an action level of 12 mg/kg due to its normally high background concentration in Southern California soils (DTSC, 2008).

The SCMP is also designed to protect construction workers in the event that soils/materials are encountered that are contaminated by hazardous substances or petroleum products. The SCMP will also help minimize impacts to construction activities and schedules during the project.

Contractors and subcontractors (hereinafter, contractors) retained by SJ4 Burbank for redevelopment purposes will be provided a copy of the SCMP and be required to monitor for potential environmental impacts to soil during the demolition of the building slabs/paving and during grading of the subject property. The contractors will be required to attend a “kick-off meeting” prior to initiation of site demolition and grading activities. At the kick-off meeting, key elements of the SCMP will be explained and contractors, SJ4 Burbank’s project personnel, and SJ4 Burbank’s environmental consultant will be provided with a contact list identifying individual responsibilities for communications and response should previously unidentified environmental impacts in soil be discovered during site demolition and grading activities.

The contractors will also be given their own copies of the SCMP which will include figures indicating where hazardous substances are known or suspected in soil during site redevelopment. Some of these contaminated soil locations will be present under current building slabs.

As noted, this SCMP will be provided to RWQCB for their review and approval in accordance with the California Land Reuse and Revitalization Act (CLRRA) Agreement entered into between SJ4 Burbank and the RWQCB in December 2018. In addition, the City of Burbank will also be provided with a copy of the RP which includes the SCMP and collectively the RP and SCMP will be incorporated into an EIR which will be subject to public review and comment prior to initiation of demolition activities.

2.0 PURPOSE

The procedures described in this SCMP will facilitate the proper characterization and handling of COC-affected soil and historical improvements affected by hazardous substances and/or petroleum products that workers are likely to encounter during the redevelopment project. The historical improvements may include, but not be limited to, previously undiscovered underground storage tanks (USTs), clarifiers, sumps, interceptors, vaults, buried containers (e.g., 55-gallon drums), and/or piping that may have been used to convey hazardous substance and petroleum products (Appendix A). The SCMP will help reduce the risk of worker exposure to contaminated media, and will minimize the potential impact of recognized environmental conditions (RECs) on demolition, grading, and construction activities. As requested by the RWQCB, the action levels for COC-affected soils in the SCMP are based on the US EPA Region 9 November 2018 RSLs which were developed to protective of future residents and groundwater.

Contractors, subcontractors, equipment operators and other personnel working on environmental and excavation and grading activities associated with this project must be Hazardous Waste Operations and Emergency Response (HAZWOPER) trained with up-to-date refresher training. The contractors retained by SJ4 Burbank will be responsible for implementing appropriate provisions of the SCMP, including monitoring for potential RECs in Areas A, B, and C where specific depth designations are established for shallow soil. The contractors will be responsible for the health and safety of their respective workers and for properly communicating the presence of suspected COCs to SJ4 Burbank and SJ4 Burbank's environmental consultant when evidence of such is encountered. SJ4 Burbank's environmental consultant will be responsible for field screening, soil sampling, characterizing/profiling, dust monitoring (i.e., in compliance with South Coast Air Quality Management District's (SCAQMD) Rules 402, 403, and 1466), VOC monitoring (in compliance with SCAQMD Rule 1166), and coordinating the handling and/or removal of materials affected by hazardous substances and/or petroleum products.

Contractors for the redevelopment project will be provided with a copy of the SCMP and be required to monitor for potential contamination in soil during the work. In addition, the contractors will be required to attend a "kick-off meeting" prior to initiation of onsite activities that might expose workers to potentially contaminated soil and VOCs emanating from the soil. At the kick-off meeting, key elements of the SCMP will be explained and a contact list will be provided to identify individuals with responsibilities for communications and response should environmental impacts be discovered during the work. The preparation and implementation of a site-specific Health and Safety Plan (HASP) will be the responsibility of each individual contractor (including the environmental consultant).

Pertinent information relevant to environmental conditions in shallow soil at the site can be obtained from review of Leighton's July 12, 2016 *Report, Soil Gas Survey and Soil Investigation, Eight-Acre Proposed Mixed Use Development, 777 North Front St., City of Burbank, California* (Appendix C). Additional information regarding prior soil, soil gas, and groundwater investigations conducted at the site is summarized in Section 4.0 of this SCMP and is also referenced in the Geosyntec RP.

3.0 SITE BACKGROUND

3.1 Site Description

The information presented in this section was primarily excerpted from the RP (to which this SCMP is attached) prepared by Geosyntec Consultants on behalf of Northridge Properties, LLC, as an accommodation for SJ4 Burbank, regarding the subject property.

The site is located at 777 North Front Street in Burbank, California, in a commercial/industrial area of Los Angeles County. The site is bounded by the Interstate-5 freeway to the northeast, North Front Street to the southwest, West Burbank Boulevard to the northwest, and West Magnolia Boulevard to the southeast (Figure 1).

Background information regarding the site presented in this section is largely based on the summary within the most recent site-wide *Soil Gas Survey and Soil Investigation, Eight-Acre Proposed Mixed Use Development* by Leighton [Leighton, 2016]. From the 1930s to 1961, the site was the location of a water heater manufacturing company with operations that included galvanizing, vulcanizing, plating, welding, and metalwork. From 1961 to 1991, the site was owned and operated by Zero Corporation, whose operations included aluminum case drawing and washing, aluminum alodining (a metal coating process involving chromium and aluminum), chromate deoxidizing, steel phosphate coating and chromium sealing [Leighton, 2016]. Zero Corporation ceased operations onsite in 1991. The buildings onsite were demolished in 2004, with the building concrete slabs and footings (i.e., surface cover comprised of several inches to approximately one-foot thick concrete) left in place. The site has been vacant since that time, having no uses since 1991. Northridge Properties, LLC, purchased the site from APW North America, Inc. (former Zero Corporation) in 2005, and is the current owner. While the site has been leased out on occasion to horse circus show productions (e.g., Cavalia) and has allowed limited use easements to Caltrans during Interstate-5 widening operations (and a portion of the Caltrans easement area will become permanent for the widening of Interstate-5), the site has no current tenants.

3.2 Geological Description

3.2.1 Regional Geology

The site is located in the San Fernando Valley (SFV), a late Tertiary-Quaternary basin bounded by the Santa Susana Mountains to the northwest, the San Gabriel and Verdugo Mountains to the northeast, the San Rafael Hills to the east, the Santa Monica Mountains to the south, and the Simi Hills to the west [Upper Los Angeles River Area Water Master (ULARAW), 2016; Tinsley, 2001]. The SFV is part of the broader Transverse Ranges physiographic province [USGS, 1996]. The Transverse Ranges province is characterized by fault-created valleys filled with marine to terrestrial sediments of Pleistocene through Holocene age, which are underlain by sedimentary bedrock and/or crystalline basement rock [USGS, 2012; ULARAW, 2015].

The water-bearing alluvial deposits in SFV consist of the Holocene and Pleistocene age alluvium underlain by the lower Pleistocene Saugus Formation, [California Department of Water Resources (CDWR), 2004]. The eastern part of the SFV Holocene age alluvium consists of about 20% clay mixed with primarily coarse-grained unsorted gravel and sand. The Pleistocene age alluvium consists of mostly highly permeable, unconsolidated coarse-grained alluvial fan interspersed with lower permeability paleosols. The Saugus Formation consists of continental and shallow marine deposits with lower permeability than that of the overlying alluvium [ULARAW, 2016]. In the eastern SFV, the Saugus Formation lies above the crystalline bedrock, where it reaches a maximum thickness of approximately 1,000 ft.

3.2.2 Site-Specific Geology

The geology of the site has been described in previous reports based on subsurface investigations conducted since the early 1990s [Targhee, 1991; Hydro Geo Chem (HGC), 1992; HGC, 1999; Ninyo & Moore, 2009; Geosyntec 2012; Geocon, 2016; Leighton 2016; Oneida Total Integrated Enterprises (OTIE), 2016; and Geosyntec, 2017]. Each study found that Quaternary alluvial soils extended to the maximum depth of exploration. Soil borings on the site indicate that Quaternary alluvial soils extend to at least 90 feet depth [Geosyntec, 2017], while nearby borings drilled for the installation of groundwater monitoring wells PWA-2 and PWA-3 indicate that, locally, alluvial soils extend to a least 163 feet [OTIE, 2016].

One study [Geocon, 2016] describes a continuous layer of artificial fill across the entirety of the site, from surface or below the concrete slab, to as deep as 14 feet bgs. The other site studies reviewed have not identified a continuous layer of artificial fill at the site, and at least one [Ninyo & Moore, 2009] describes the upper-most soils as alluvium. Field observations by Geosyntec staff [Geosyntec, 2012; 2016; 2017] suggest that, outside of uncommon instances where concrete clasts are observed in soils beneath the slab, shallow soils at the site likely consist of alluvial soils.

Soils within the upper 90 feet at the site can be grouped into three general categories. Silty sands (SM) and sandy silts (ML) are most common, and are typically brown, moist, and have poorly graded fine sand and a minor gravel component (5-15%). Well graded sands (SW) with gravel are also observed, especially in the northwestern portion of the site. These soils are typically pale grey, slightly moist or dry, and have notably angular sand grains and gravel clasts suggesting very little weathering and transport prior to deposition. Clays (CL) are also present, though uncommon and discontinuously distributed across the site. These soils are typically brown, moist to very moist, medium plastic, and contain little sand and only trace gravel, if any.

The stratigraphy of the site may be defined in terms of two distinct zones: a continuous sequence of sandy silts and silty sands in the upper-most 12 to 30 feet, and a sequence of well graded sands to silty sands containing thin discontinuous lenses of fine-grained material below. The lower sequence is characteristic of typical alluvial fan deposits, with coarse-grained, angular, gravelly well graded sands, silty sands with gravel, and scattered sheets or lenses of finer grained material. The upper sequence records recent development of the eastern SFV, with semi-continuous layers of sandy silt and silty sand typical of basin deposition.

3.3 Hydrogeological Description

3.3.1 Regional Hydrogeology

The site is located in the Upper Los Angeles River Area (ULARA) in the eastern part of SFV Basin of the South Coast Hydrologic Region. The SFV receives an average annual precipitation of about 17 inches and much of this surface water is drained by the Los Angeles River and its tributaries [CWDR, 2004]. Groundwater flows from the edges to the central portion of the SFV Basin, into the eastern portion of the basin, beneath the Los Angeles River Narrows following the Los Angeles River near Glendale, and into the Coastal Plain of Los Angeles Basin. The groundwater flow velocity is about 5 feet per year in the western part of the basin and reaches as much as 1,300 feet per year beneath the Los Angeles River Narrows [CWDR, 2004].

Groundwater in the eastern part of the SFV basin is primarily calcium bicarbonate in nature [CDWR, 2004]. The SFV Basin has an estimated storage capacity of 3,200,000 acre-feet (ac-ft) of groundwater, with a maximum thickness of water-bearing alluvial deposits in the eastern portion of the SFV Basin of about 200 to 300 ft [ULARAW, 1999; ULARAW, 2016]. Groundwater in this region is mainly unconfined and, since water adjudication in the 1980s, levels have remained reasonably stable, although up to 80 ft variations in water level in the eastern portion has occurred historically [CDWR, 2004].

3.3.2 Site-Specific Hydrogeology

In 1991, as a part of a soil vapor survey performed by Leighton on the adjacent Hyrail property (a linear rail property extending along the western boundary of the site), two soil borings were drilled to groundwater at approximately 110 ft. bgs [Leighton, 2016]. As part of regional EPA investigations, groundwater elevations from January 31, 2013 were reported for two wells adjacent to the site, PWA-2 and PWA-3, as 123.34 and 105.84 ft. bgs, respectively [OTIE, 2016]. Site-specific aquifer properties have not been identified. Based on the site-specific geology and regional geologic descriptions, the predominant soil type within the aquifer is sand, with some intervals of finer (silt) or coarser (gravel) materials mixed with sand.

3.3.3 Groundwater Usage

The South Coast Hydrologic Region meets approximately 23% of its agricultural and municipal water demands with groundwater [CDWR, 2004]. The three parties with pumping rights in the SFV Groundwater Basin, the City of Los Angeles, Burbank, and Glendale, get a significant portion of their municipal water supply from the basin [ULARAW, 2016].

Based on the California State Water Resources Control Board's Groundwater Ambient Monitoring and Assessment (GAMA) online database [SWRCB, 2017], there are eight supply wells within one mile of the site. Six of these are Department of Water Resources wells, and only limited information about these wells could be identified. The other wells are City of Burbank Water Department wells [ERM, 2011]; these supply wells are screened from approximately 75 to 330 ft. bgs, indicating that shallow groundwater has been used for water supply.

3.4 Historical Site Investigations, Assessments, and Remedial Activities

3.4.1 Pre-Remediation Site Investigations

An initial site investigation in 1991 identified that soils in the areas of former clarifiers and former chemical/oils storage were impacted by VOCs and total petroleum hydrocarbons (TPH) [Targhee Inc.]. An additional site investigation performed in 1992 by HGC, Inc., indicated that site soil and soil vapor were impacted by chlorinated VOCs. Subsurface environmental assessment was performed by Law/Crandall in 1997 at five "hot spots" identified on the site by advancing nine hand-auger borings to 5 feet bgs and another nine borings to 30 ft. bgs. Site investigation sampling locations by Targhee Inc., HGC and Law/Crandall are presented in the attached Geosyntec RP in Figures 2 and 3 for soil and soil vapor, respectively.

3.4.2 Remediation and Closure

Site remediation activities were performed from 1998 to 2001 [HGC, 2001]. Two active soil remedial phases were approved by the RWQCB in 1998 and 1999, consisting of using a shallow (i.e., up to 50 ft. bgs) soil vapor extraction (SVE) and treatment system (Phase 1) and a deeper (i.e., between 50 and 85 ft. bgs) SVE and treatment system with air sparging wells (Phase 2). Approximately 8,000 pounds of VOCs were removed by the SVE system; 79% of the total mass consisted of perchloroethylene (PCE) and petroleum hydrocarbons removal, and the remaining 21% of total mass removal consisted of trichloroethene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), and 1,1-dichloroethene (1,1-DCE) [HGC, 2001].

Following Phase 1 and Phase 2 remediation activities, HGC submitted a work plan for site closure based on the remedial progress [HGC, 2001]. The RWQCB approved the work plan on October 2, 2000. Closure activities conducted between October 2000 and February 2001 consisted of two rounds of soil vapor sampling, rebound monitoring, and groundwater sampling [HGC, 2001]. APW North America, Inc. obtained a No Further Requirements (NFR letter) letter for VOC soil contamination with respect to the San Fernando Cleanup Program at the subject site from the RWQCB November 28, 2001. Further, a Certificate of Completion letter was provided to APW North America, Inc. on July 1, 2002 from the RWQCB. The Certificate of Completion letter noted "… *Site mitigation activities have satisfied the requirements of all agencies concerned with the hazardous substance release.*"

3.4.3 <u>Post-Closure Investigations</u>

Additional site investigations were performed following issuance of the Certificate of Completion for a variety of reasons. The post-closure site investigations included:

- Soil sampling performed in 2005 by Golder & Associates at the request of Ford Development Leasing Company (FLDC) in former electrical transformer areas that were identified as potential polychlorinated biphenyl (PCB) sources. The results of the Golder & Associates study did not indicate the presence of PCBs in soil onsite.

- Soil and soil vapor sampling performed in 2009 by Ninyo & Moore within the northeastern portion of the site where the Interstate I-5 widening project was planned indicated soil concentrations of hexavalent chromium (CrVI) above regional background, and concentrations of VOCs in soil vapor above relevant human health screening criteria. The area of this investigation has since been deeded to Caltrans as a permanent easement in connection with the Interstate I-5 widening project.

- Soil sampling performed at the request of RWQCB for CrVI performed in 2012 by Geosyntec found detectable levels of CrVI that were below the residential and commercial/industrial soil California Human Health Screening Levels (CHHSLs). The CrVI concentrations in the soil samples were above the November 2018 USEPA Region 9 residential soil Regional Screening Level (RSL) but below the commercial/industrial soil RSL. Select soil samples were additionally analyzed for a larger suite of metals. The vertical distribution of CrVI in soil was inconsistent with historical releases of CrVI that would have affected groundwater and did not suggest that historical site activities had contributed to the groundwater basin's regional CrVI contamination. In addition, and at the request of the RWQCB, confirmation soil sampling near boring SS-4 was performed in 2016 with no detectable concentration of CrVI in shallow soils identified [Geosyntec, 2016].

- A geotechnical investigation related to the currently-proposed multi-family residential, hotel, and commercial mixed-use at the site was conducted in 2016 by Geocon West. This investigation included soil dry bulk density, soil moisture, and porosity data up to 61.5 ft. bgs.

- In addition to the geotechnical investigation, pre-development environmental soil and soil vapor investigation was performed at the site by Leighton in May 2016 [Leighton, 2016]; a grid-based (approximately 100 feet x 100 feet) and biased sampling approach included a total of 36 soil borings up to 30 ft. bgs (Figure 3). The borings were advanced and soil was sampled at multiple depths. The soil samples were analyzed for the 17 metals listed in the California Code of Regulations, Title 22, Article 11 (CAM-17 metals), VOCs, and TPH. Figure 4 shows selected CAM-17 metal concentrations (i.e., lead, copper, and zinc concentrations) that exceeded CA hazardous waste criteria (i.e., the metal-affected soils). The area affected by elevated concentrations of metals is approximately 150 feet northeast to southwest and 600 feet northwest to southeast. In Figure 5, Leighton also estimated the volume and tonnage of metal-affected soils requiring removal from the site. Soil samples with total chromium concentrations greater than 50 mg/kg were subsequently analyzed for CrVI but did not exceed CA hazardous waste criteria.

VOCs at concentrations below their respective residential RSLs were also detected in shallow soil samples in generally the same area as the metal-affected soils. The VOC concentrations detected in the soil samples collected by Leighton are presented in Figure 6.

Soil vapor probes were installed at the bottom of each boring at various depths that were based on a prior facility design which has since been modified. Soil vapor samples were analyzed for VOCs and were found throughout the site at multiple depths. Isoconcentration maps were prepared for selected VOCs detected at the site. The distribution of chlorinated VOCs in shallow soil and in soil gas is primarily in the northwest central portion of the site which is the same general area that the elevated metals were found (Leighton 2016).

4.0 PLAN OBJECTIVES

The SCMP objectives in this section establish guidance procedures for site contractors and the environmental consultant to follow when soil affected by hazardous substances and/or petroleum products are present in soil in:

1. areas previously investigated; and
2. previously unknown areas where suspected environmental impacts to soil are discovered during construction.

For the SJ4 Burbank site, the previously investigated areas of soil affected by hazardous substances and/or petroleum products include the metal-affected shallow soils present in the northwest-central portion of the site (Figure 4). To a lesser degree, this will include VOC-affected soils and soil gas discovered in the same portion of the property. Although Geosyntec will address the remediation of VOCs present in soil gas in this portion of the site (see attached RP) prior to the implementation of the SCMP, residual VOCs may be discovered and may affect the waste management aspects of the soil during the mass grading activities planned for the site.

An important objective of the SCMP is to investigate areas of soil and subsurface structures possibly affected by COCs that were previously undiscovered during the historical investigations conducted at the site. This may involve the discovery of USTs, piping, interceptors, clarifiers, sumps, drums, and other features of environmental concern. Accordingly, the contractor and environmental consultant implementing the SCMP will be required to:

- Address the proper characterization, profiling, stockpiling, and disposal of soil affected by hazardous substances and/or petroleum products in all areas affected by the redevelopment activities. This will include areas discovered on-site where elevated concentrations of lead, copper, zinc, and chromium were found in shallow soil (Figure 4) and may require management and disposal as a California hazardous waste and/or Resource Conservation and Recovery Act (RCRA) hazardous waste. Due to the fact that shallow soils throughout Areas A, B, and C of the site are going to be excavated at various depth intervals (Figure 2), proper management, stockpiling, profiling, transportation, and disposal of the potential wastes generated during excavation activities will be required. In addition, confirmatory soil sampling from the excavated areas will also be required to meet the residential RSLs and be protective of groundwater.

- Address abandoned ExxonMobil pipeline. An abandoned ExxonMobil oil pipeline remains in the subsurface, traversing the southeastern portion of the property from the southwest to the northeast. ExxonMobil is aware of the pipeline and will be responsible for its proper removal. SJ4's environmental consultant will be responsible for monitoring and documenting the removal of the ExxonMobil pipeline in accordance with a workplan to be prepared by ExxonMobil and approved by the RWQCB, which has acknowledged its role as oversight agency for this action.

- Address sampling for PCBs. The results of the 2005 Golder study did not indicate the presence of PCBs in limited soil samples collected onsite; however, Golder found PCBs in samples of stained concrete collected from former transformers Appendix D, Figure 1, Golder, 2005) and recommended sampling of soil beneath these areas. This additional sampling of soil for PCBs will be performed prior to removal of the pavement in the former transformer areas. If PCBs are detected in the soil samples, proper management and disposal of the PCB-affected soil will be performed. If oil-stained concrete remains in the former transformer areas, the concrete should be resampled for the presence of PCBs and if necessary, segregated, profiled, and properly disposed. SJ4's environmental consultant will also attempt to acquire information regarding the proper transport and disposal of the electrical transformers described in the 2005 Golder report.

- Address abandoned clarifiers and other suspect structures onsite. Based on observations of the pavement in the central portion of the site, there is strong evidence that historical clarifiers remain in-place even though some of them may have been infilled with concrete. This may be true about other subsurface structures (e.g., vaults, trenches, piping features, possible UST locations) as well. Prior to the mass removal of pavement at the site by the SJ4 grading contractors, a site walk should be performed by SJ4's environmental consultant and the suspect clarifier areas (as well as other structures of concern) marked in the field and assigned a unique identification number that will be referenced during future sampling and characterization activities. Permits for proper removal of the clarifiers or features (if required) will be obtained and if necessary, individual soil investigations of the features of concern will be performed in accordance with the SCMP.

- Conduct appropriate communication when and if previously undiscovered RECs are encountered (e.g., discolored concrete paving and/or slabs, stained soil, unusual odors, USTs, vaults, sumps, clarifiers, leaky piping, etc.). The appropriate communication will include the SJ4 project manager, SJ4's general contractor, and the involved regulatory agencies. The RWQCB will be party to all communications related to the discovery and management of soils affected by hazardous substances and/or petroleum products. In addition, communications may include other regulatory agencies (e.g., the City of Burbank Fire Department) should subsurface structures be discovered that require permitting and oversight during the removal;

- Provide guidance if previously unidentified features are encountered that may require environmental removal, response, and/or regulatory oversight; and

- Conduct management of perched groundwater, if encountered during soil excavation activities. Perched groundwater was not discovered during prior site investigations; however, the development of RWQCB-approved dewatering plans may be required should perched groundwater be observed during the planned excavation and grading activities.

The SCMP specifies protocols for evaluating and handling soil affected by hazardous substances and/or petroleum products in a manner that is protective of the environment, and that complies with generally accepted regulatory agency guidelines. Soil and perched groundwater (if encountered) suspected of containing hazardous substances and/or petroleum products, which has not already been characterized, will be representatively sampled and analytically tested to provide documentation of the presence or absence of any chemicals of concern.

As noted, the RWQCB has indicated that the November 2018 RSLs established for soil in a residential setting can serve as action levels to be protective for future residents on the subject property. In some cases, some variance from the residential RSLs may be allowed with the approval of the RWQCB (e.g., in the case of soil affected by arsenic where 12 mg/kg generally accepted for residential scenarios in Southern California). The RWQCB has required that the residual COCs in soil must be protective of groundwater with consideration of engineering controls that can provide the appropriate level of groundwater protection. Groundwater beneath the site is present at approximately 110 feet bgs.

The main field tasks covered by this SCMP include:

- **Visual Monitoring** - Site personnel will make visual observations of soils exposed when the former Zero Corporation building foundation slabs, pavement, and other subsurface features are removed. These worker observations will be conducted continually to identify evidence of discoloration or other indications of potential contamination. This will be especially true in the areas where soil affected by elevated metals was documented (Figure 4).

- **Communication with Designated Personnel** - Contractors will communicate pertinent information in a timely manner if soils are encountered that are suspected of being affected by hazardous substances and/or petroleum products. Key points of contact will be identified on the contractor contact list prepared by SJ4 Burbank and disseminated with this SCMP prior to on-site activities.

- **Characterization of Soils Requiring Remediation -** Soils potentially affected by hazardous substances and/or petroleum products, which have not already been characterized, will be representatively sampled by the environmental consultant and analytically tested in order to characterize the extent of impacts and proper handling procedures for that material. As required by the RWQCB, analytical test results from the soil samples (soil previously tested and to be tested) will be compared to residential RSLs to assess whether soil conditions are protective of future residents. In addition, the concentrations of COCs in soil must also be protective of groundwater. In some cases, engineering controls may be employed with the concurrence of the RWQCB as long as the controls demonstrate that COCs exceeding residential RSLs would not be subject to mobilization from precipitation or irrigation sources (e.g., metal-affected soil located directly beneath the building footprint).

- **Management of Soil Excavated from the Site Affected by Hazardous Substances and/or Petroleum Products -** Soil containing hazardous substances and/or petroleum products requiring removal from the subject property (i.e., in accordance with grading plans) will be excavated, stockpiled, profiled, transported, and properly disposed off-site at a State of California or federally permitted treatment, storage, and disposal facilities. Excavated soil that is profiled and suitable for unrestricted use will also be properly managed.

  For soil requiring management as nonhazardous waste, additional representative soil sampling activities will be needed to demonstrate that the soil to be excavated meets waste profiling criteria established by a designated and permitted landfill such as the Waste Management Simi Valley Landfill (SVL) in Simi Hills, CA or the CleanHarbors Buttonwillow Landfill (CHBL) in Buttonwillow, California. For the purpose of this SCMP, the SVL was selected as a likely candidate for disposal of nonhazardous waste generated at the subject property because of its proximity to the site and the fact that it is permitted to accept such material. For soil requiring disposal as nonhazardous waste, an alternative permitted landfill facility can be considered during the implementation of the SCMP based on the decision of the waste disposal contractor with SJ4 Burbank and in accordance with RWQCB approval.

Prior analytical testing indicates that shallow soil at the site will likely be transported to the SVL facility as nonhazardous waste or the CHBL facility as California hazardous waste (i.e., non-RCRA hazardous waste). Soil sampling will be performed for waste profiling purposes to evaluate the appropriate disposal facility. This work will be coordinated with the waste disposal contractors by the environmental consultant.

- **Reporting and Documentation –** A report will be prepared by the environmental consultant upon the completion of demolition, grading, and soil excavation activities to document field activities and the ultimate disposition of any regulated materials. The report will contain figures to show the extent of excavation and locations where features were encountered, and will include all pertinent analytical documentation.

5.0 SITE CHARACTERIZATION PROCEDURES FOR KNOWN AND UNKNOWN AREAS OF ENVIRONMENTAL CONCERN

The site characterization procedures will involve soil monitoring, soil sampling, and analytical testing to evaluate known areas and previously unidentified areas where soil containing hazardous substances and petroleum products may require offsite disposal at a permitted landfill. Since soil beneath the footprint of the subject property will be excavated to the approximate depths displayed on Figure 2, the primary consideration is profiling the soil as expeditiously as possible so that continued redevelopment activities can proceed without significant delay.

5.1 Known Environmentally Impaired Soils

The known environmentally impaired soils consist primarily of the metal-affected soils located in the northwestern central portion of the site. The metal-affected soils are roughly distributed in a rectangular area in approximately 150 feet northeast to southwest and 600 feet northwest to southeast (Figure 5). In general, metal-affected soils requiring management as a California hazardous waste have been found in this area and Figure 4 summarizes their distribution (Leighton, July 12, 2016). Based on the estimate presented in Figure 7, possibly 28,000 $yd.^3$ of soil affected by metals will need to be excavated, profiled, transported, and properly disposed at a permitted landfill. The metal-affected soils are beneath the existing pavement/building slabs at the site. The following approach should be conducted to address the metal-affected soils requiring removal:

- **Create and Manage Separate Soil Stockpiles Based on Field Observation -** After the removal of the concrete pavement and building slabs from the site, underlying soil should be observed for their color and physical evidence of environmental impacts (e.g., metal debris, refuse, odor, VOCs as measured with a photo ionization detector [PID], etc.). Soils that appear discolored or exhibiting physical indications of environmental concern should be stockpiled separately from soils that appear to represent background conditions. The segregation of soil and separate stockpiles based on physical parameters will be helpful when profiling activities are performed to evaluate whether the soil requires disposal as a nonhazardous waste, California hazardous waste, or RCRA hazardous waste. In addition, subsequent profiling of a soil stockpile may support the unrestricted reuse of the soil. The segregation of soil based on physical appearance would likely provide cost benefits when disposal options are considered.

The presence of chlorinated VOCs (primarily PCE and TCE) detected in shallow soils in the areas slated for removal are relatively low and by themselves would not prevent their disposal as nonhazardous waste in the SVL. However, in accordance with SCAQMD Rule 1166, the VOCs in soil at the site will need to be monitored under a SCAQMD Site Specific Mitigation Plan. Information pertinent to the concentrations of VOCs in soil will need to be communicated to SVL personnel to conform to their profiling criteria.

5.2 Previously Unknown Environmentally Impaired Soils

Additional objectives of this plan are to provide guidelines for the handling of previously unknown environmentally impaired soils to allow redevelopment to proceed without undue delay. The monitoring and soil sampling activities that will be performed during the demolition and grading will include:

- Visual observation of soil to detect areas that may be affected by petroleum hydrocarbons, VOCs, metals, or other hazardous substances that were previously not identified.
- Compliance with South Coast Air Quality Management District (SCAQMD) Rule 1166 monitoring during excavation using a PID in accordance with the contractor's SCAQMD permit. The SJ4 Burbank contractor is responsible for implementing SCAQMD Rule 1166 and monitoring for "VOC Contaminated Soil" during all excavation activities conducted onsite. According to the SCAQMD, "…*VOC Contaminated Soil is a soil which registers a concentration of 50 ppm or greater of Volatile Organic Compounds as measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil with an organic vapor analyzer calibrated with hexane*."
- Based on historic sampling, VOC-affected soils are known to exist at the site; however, during Leighton's 2016 field investigation, VOC Contaminated Soil was not observed. In accordance with SVL's soil profiling requirements, the waste manifest prepared for soil transferred to SVL must designate as a comment on the manifest for "1166 Soil" when that soil exceeds 50 ppm equivalents as measured using the Rule 1166 field VOC monitoring requirements. In addition, if the soil exceeds 1,000 ppm equivalents, the

manifest must designate the soil as “+1,000 1166 Soil.” SCAQMD Rule 1166 can be found at the following web link:
https://www.arb.ca.gov/DRDB/SC/CURHTML/R1166.PDF

- Due to the presence of Applicable Toxic Air Contaminants in soil at the site, the SJ4 contractors involved with any earthmoving activities at the site shall comply with SCAQMD Rule 1466, a copy of which is presented in Appendix E of the SCMP. Detailed information pertinent to Rule 1466 can be found in Section 6.13 Air/Dust Monitoring of this SCMP.

- Conduct soil sampling and analytical testing to evaluate the concentrations of hazardous constituents and for waste characterization purposes, if contamination is suspected in an area which has not already been characterized, as appropriate. Freshly exposed soil will be evaluated visually by trained personnel (HAZWOPER trained) and using handheld direct reading instruments (e.g., PID) for monitoring VOCs. The contractor must segregate VOC-contaminated stockpiles from non-VOC contaminated stockpiles such that mixing of the stockpiles does not take place.

- Observe the condition of removed concrete. During removal activities, concrete paving and/or slabs should be observed for evidence of discoloration and segregated from non-discolored material. The discolored concrete may require profiling prior to offsite disposal. The SVL landfill should be contacted to assess the profiling procedures for discolored concrete.

- Conduct chemical testing. Depending upon the visual, olfactory, and instrument indications, soil samples may be collected for chemical testing at a state-certified laboratory. The chemical test results will be compared to State of California and Federal criteria routinely used for waste classification purposes. These would include the California Code of Regulations, Title 22, Article 11 and for Federal or RCRA waste, 40 CFR parts 260 through 273.

Table 1 below presents a summary of the proposed soil sampling procedures, sample frequency, and test methods. An excavation completion report will include documentation from field monitoring and sampling, including laboratory analytical reports and chain-of-custody forms.

The table is followed by more detailed information describing the procedures to address areas where soil affected by hazardous substances and/or petroleum products is suspected.

Table 1

Sampling and Analysis of Previously Unknown Areas of Potential Environmental Concern for Soil Observed at SJ4 Burbank Site during Demolition and Grading

Task	Sample Locations	Frequency	Test Method	Documentation
Visual Observation	All surface soil and beneath paving and/or building slabs, subgrade structures (e.g., former clarifiers, sumps, USTs associated piping, etc.).	Continuously as new soil is exposed.	Depending on field indicators or documented historical land uses, one or more of the following laboratory test methods may be selected: For newly discovered areas of dark or oil-stained soil, at least one soil sample of the suspected contaminated area and at least one soil sample beneath the observed area of environmental concern (i.e., based on physical observations) will be analyzed for: US EPA Method 8015M (TPH-gasoline/diesel/motor oil), US EPA Method 8260B (VOCs) using USEPA Method 5035 for sample preservation, US EPA Method 6000/7000 series (CAM-17 metals), US EPA Method 8270B for semi-volatile organic compounds (SVOCs) and US EPA Method 8081 (PCBs). PCB testing would only be performed if soil appears to have been affected by an oil-like liquid or material (e.g., dielectric fluid or hydraulic oil). After identifying the COCs, additional testing would be limited to the analytes detected, as applicable.	Field logs and schematics identifying locations of stained or discolored or odorous soil not already characterized. Photographs as necessary (e.g., stains larger than 10 square-feet in area). Lab reports and documentation will be included in the excavation completion report.

Task	Sample Locations	Frequency	Test Method	Documentation
On-Site VOC screening of areas previously not identified	VOC monitoring for VOC Contaminated Soil will occur in areas previously unidentified areas where suspected petroleum hydrocarbons and/or hazardous substances are observed during demolition and or grading activities.	As per SCAQMD Rule 1166. As soon as possible in the area where the suspected affected soil is observed and as notified by either the contractor or the on-site environmental consultant.	PID or organic vapor analyzer (calibrated with hexane) to measure concentrations of VOCs emanating from the soil. If the instrument reading is greater than 50 parts per million (ppm) equivalents (i.e., VOC Contaminated Soil), collect a soil sample for potential laboratory analysis using EPA method 8260B.	Documentation and notification will be performed in accordance with SCAQMD Rule 1166. Daily headspace logs to record the sample I.D., PID reading, and location. If soil is disposed at Simi Valley Landfill (SVL), soil with less than 50 ppm equivalents can be used as daily cover. VOC Contaminated Soil (VOC monitoring of soil exceeding 50 ppm equivalents) will be placed into a separate stockpile and profiled as 1166 Soil which will require disposal at SVL. Soil that exceeds 1,000 ppm equivalents will be identified as +1000 1166 soil prior to transport and disposal at SVL. The location of the VOC Contaminated Soil will be plotted on a site map. A data summary will be presented in an end of project report. Lab reports and documentation will be included in the excavation completion report.
Soil Sampling and Laboratory Analysis	At locations where soil appears discolored or odorous in areas which have not already been characterized	One soil sample of the affected area and at least one floor sample beneath the affected area where suspected contamination appears to attenuate.	Analyze using one or more of the laboratory tests specified and similar to sampling of stained areas detected discovered during visual observation, if area has not already been characterized.	Field logs identifying locations of stained or discolored soil not already characterized. Photographs as necessary (e.g., stains larger than 10 square-feet in area). Lab reports and documentation will be included in the excavation completion report.

5.2.1 Visual Observation

During the demolition and grading activities, the exposed soil beneath the building foundations, floors, pavement, and other features will be visually observed. A field log will be maintained and areas of soil staining or sampling will be plotted on a site map to document locations suspected of being affected by hazardous substances or petroleum products, which has not already been characterized. Soil color and associated features (e.g., USTs, machine pits, hydraulic lifts, interceptors, sumps, and clarifiers) will be described on the field log. Any observed discoloration, odor, or other evidence of potential hazardous materials impact will be documented to serve as the basis for further evaluation, as appropriate. A copy of the Field Log Form is attached to this SCMP.

5.2.2 Soil Sampling and Laboratory Testing

Soil samples will be collected when necessary for laboratory analyses to evaluate for the presence of suspected hazardous substances and petroleum products in the soil as per Table 1, above.

5.2.3 Soil Sample Collection Procedures

Soil samples to be analyzed for VOCs will be collected in accordance with EPA Method 5035. For soil samples to be analyzed for TPH, metals, SVOCs, or PCBs, the soil can be collected using either a slide-hammer sampler fitted with a stainless-steel sampling sleeve, or the soil can compacted into a pre-cleaned glass jar with minimal headspace. Sampling of newly exposed soil may be facilitated by backhoes, excavators or scrapers. If the slide-hammer sampler is used, the ends of the sample sleeves will be covered with Teflon sheets and capped with plastic end caps. Each soil sample container will be labeled with a unique sample identification number based on the location where the sample was collected. The label will also indicate the date and time when the sample was collected, name of the person handling the sample, and the specific chemical tests being requested from the laboratory. After labeling, the sample will be placed into a properly chilled cooler pending delivery to the analytical laboratory. All soil samples will be documented on a chain-of-custody record. The locations where soil samples are collected will be plotted on the site map and recorded in the field log.

5.2.4 Laboratory Analysis Selection

When suspect soils must be tested for waste profiling purposes, soil samples will be submitted to either an onsite mobile analytical laboratory (for VOCs and TPH) or to an off-site, certified environmental laboratory. The soil sample collected for analysis at the offsite laboratory may be analyzed on a 24-hour “rush” turnaround time (TAT) basis in order to minimize delays to the construction schedule. This rush TAT will be determined at the discretion of the onsite California Professional Geologist after coordination with SJ4 Burbank. If time allows (e.g., in an area where construction activities may not be occurring for a couple of weeks), analysis using standard turnaround time will be performed. The type of laboratory analytical method(s) to be used will be based on two main criteria:

Criteria 1 – Visual Appearance: Soil characteristics (e.g., discoloration, staining, or odors, etc.) will be closely monitored by field personnel. Soil that appears dark or oil stained will be analyzed by EPA Method 8015M for TPH (gasoline/diesel/motor oil) and by EPA Method 8260B for VOCs (collected using EPA Method 5035). Soil that appears discolored in a manner typical of potential metal impacts (e.g., red, yellow, green, gray, or silvery) will be analyzed for CAM-17 using EPA Method 6010/7000 series. Additional analyses (e.g., for PCBs or SVOCs) may be performed if indicated by historical equipment information or suspected chemical usage (e.g., former hydraulic lift or electrical transformer areas). The location where the soil samples are collected will be annotated on the field base map and the field form.

Criteria 2 – Elevated PID Screening Levels: At least one representative soil sample will be collected for laboratory testing if the headspace PID measurement exceeds 50 ppm equivalents during the on-site screening. The soil sample will be analyzed using EPA Method 8260 for VOCs (collected using EPA Method 5035). Additional analyses may include TPH gasoline range, BTEX, MTBE and fuel oxygenates, and/or other substances based on historical chemical usage information.

6.0 EVALUATION OF ANALYTICAL DATA AND PROFILING REQUIREMENTS FOR DISPOSAL

The laboratory analytical data for each soil sample will be reviewed and evaluated by the SJ4 Burbank environmental consultant. As requested by the RWQCB, the concentrations of detected analytes must be protective of both future residents and groundwater. Provided in Table 2 below, is a list of contaminants of concern that have been detected in soil at elevated concentrations onsite and may exceed the respective residential RSLs.

Table 2 - List of Contaminants of Concern and Their Respective Residential RSLs

Contaminants of Concern Detected in Soil (Leighton 2016)	US EPA Region 9 Regional Screening Levels (RSLs) in mg/kg for Soil in a Residential Setting (November 2018)
Copper	3,100
Lead	400
Zinc	23,000
Chromium, Total	None
Chromium, Hexavalent	0.30
Arsenic	12[1]
Benzene	1.2
Cis-1,2-DCE	160
Trans-1,2-DCE	1,600
Ethylbenzene	5.8
Perchloroethylene	24
Toluene	4,900
1,1,1-Trichloroethane	8,100
Trichloroethene	0.94
TPH-Gasoline (Aliphatic Low)	520
TPH-Diesel (Aliphatic Medium)	96
TPH-Oil (Aliphatic High)	230,000
PCBs (Review Individual Aroclors)	Ranges from 0.17 to 35
Other Analytes Detected	Compare the Specific Analytes Detected to their Respective November 2018 Residential Soil RSLs

12[1] – Arsenic background level in Southern California from *Determination of a Southern California Regional Background Arsenic Concentration in Soil*, DTSC, March 2008

6.1 Areas Potentially Affected by Hazardous Substances and Petroleum Products Requiring Additional Testing

The following sections present an overview and chronology of the assessment and characterization to be conducted in the event that chemicals of concern are detected at concentrations unacceptable for disposal at non-hazardous waste at SVL. This would include soil requiring disposal as California-restricted (Non-RCRA) hazardous waste, RCRA hazardous waste (Tables 4 and 5) or requiring thermal treatment.

6.1.1 Soil Excavation

Prior investigations across the site indicates that hazardous waste is likely to be encountered in the metal-affected soils area (Figure 4), but if heavily discolored, oil-stained (potentially by both dielectric fluids and hydraulic oils in former transformer and elevator areas; Golder & Associates, 2005) or fuel-saturated soils are encountered, sampling described in Table 1 will be used to determine whether California hazardous waste or RCRA hazardous waste is present.

Prior to removal of the concrete pavement at the site, soil samples should be collected from beneath the pavement in former historical electrical transformer areas where PCBs were detected in oil-stained concrete pavement areas sampled by Golder & Associates (2005). The soil samples should be analyzed for PCBs and SVOCs.

Excavation of soil at the site unsuitable for disposal as non-hazardous waste will be initiated at the location where the highest concentrations of the chemical of concern was discovered. The excavation will be extended to a depth where visual hazardous materials impacts (e.g., obvious discoloration) are no longer observed. When the apparent limits of the affected soil have been reached, confirmation soil samples will be collected and submitted to a certified laboratory for analysis, as per Table 1. This is to properly profile the excavated soil for disposal and to verify the concentration of COCs in the underlying soil. Confirmation soil samples will be collected from the excavation floor in consultation with RWQCB, as applicable. Soil sample collection will be facilitated by the backhoe if the excavation is too deep to enter without shoring. Entry into an excavation will only be conducted in accordance with California Code of Regulations Title 8, CAL-OSHA Construction Safety Orders, Article 6 Excavations.

All soil removed from the site will be profiled for disposal at permitted landfills. No soil will be transported offsite without receiving prior approval for disposal at the appropriate landfill.

If soil is discovered that requires management as VOC Contaminated Soil (per SCAQMD Rule 1166), California hazardous waste or RCRA hazardous waste, this soil will be removed from the excavation and will be temporarily stockpiled at the site at a pre-designated staging area (coordinated with SJ4 Burbank and contractors). All soil stockpiles resulting from previously unidentified RECs will be inventoried, sampled, and handled based on the results of the laboratory analyses. Such soil stockpiles will be all be placed on plastic sheeting and covered at the end of each day until waste profiling is complete. Management and sampling of stockpiled soil is described in detail in Section 5.4.4.

6.1.2 Excavation Monitoring

The excavated soil and in-place soil at the perimeter of the excavation will be monitored for evidence of discoloration, odors, or other indicators of contamination. In addition to visual observations, a PID will be used to screen for VOCs in the stockpiled soil and around the perimeter of the excavation, as described in Table 1. The excavation activities and VOC monitoring will be conducted in accordance with SCAQMD Rule 1166. In accordance with SVL guidelines, soil that has less than 50 ppm equivalents when measured with the PID will be suitable for daily cover at SVL; however, soil which registers a concentration greater than 50 ppm equivalents will require disposal at the SVL. Dust monitoring will be conducted in accordance with SCAQMD Rules 402, 403, and 1466, as further described below.

6.1.3 Air/Dust Monitoring

SCAQMD Rules 403 and 402 - Dust monitoring will be conducted during the excavation and grading operations to monitor for dust and particulate matter at the property boundary in accordance with SCAQMD Rule 403 requirements. Excessive fugitive dust emissions shall be controlled by regular watering and other dust suppression measures, as specified in the SCAQMD's Rules and Regulations. In addition, SCAQMD Rule 402 requires implementation of dust suppression techniques to prevent fugitive dust from creating a nuisance off-site. Implementation of the following measures would reduce short-term fugitive dust impacts on nearby sensitive receptors:

- All active portions of the construction site shall be watered every three hours during daily construction activities and when dust is observed migrating from the project site to prevent excessive amounts of dust.

- Pave or apply water every three hours during daily construction activities or apply non-toxic soil stabilizers on all unpaved access roads, parking areas, and staging areas. More frequent watering shall occur if dust is observed migrating from the site during site disturbance.

- Any on-site stockpiles of debris, dirt, or other dusty material shall be enclosed, covered, or watered twice daily or non-toxic soil binders shall be applied.

- All grading and excavation operations shall be suspended when wind speeds exceed 25 mph.

- Disturbed areas shall be replaced with groundcover or paved immediately after construction is completed in the affected area.

- On-site vehicle speed should be limited to 15 miles per hour.

- Visible dust beyond the subject property limits which emanates from the site shall be prevented to the maximum extent feasible.

- All material transported offsite shall be either sufficiently watered or securely covered to prevent excessive amounts of dust prior to departing the site.

- Reroute construction trucks away from congested streets or sensitive receptor areas to the extent feasible

SCAQMD Rule 1466 – Due to the presence of Applicable Toxic Air Contaminants (primarily lead and chromium VI) in shallow soil in selected areas at the site, compliance with Rule 1466 is required in Areas A, B, and C where elevated metals are present in much of the shallow soil that will require excavation. During the grading, soil excavation, stockpiling, and loading activities at the site, particulate (dust) monitoring per Rule 1466 will be implemented during all earth-moving activities. The purpose of Rule 1466 is to minimize the amount of off-site fugitive dust emissions containing toxic air contaminants by reducing particulate emissions in the ambient air as a result of earth-moving activities, including, excavating, grading, handling, treating, stockpiling, transferring, and removing soil that contains Applicable Toxic Air Contaminants from sites that meet the applicability requirements. A copy of the Applicable Toxic Air Contaminants can be found in Table I of Rule 1466 in Appendix E.

At least 72 hours and no more than 30 days prior to conducting any earth-moving activities on any site meeting the applicability requirements of subdivision, the owner or operator shall electronically notify the SCAQMD Executive Officer, using a format approved by the Executive Officer, of the intent to conduct any earth-moving activities. There are multiple Rule 1466 notifications that are required that must be performed by either SJ4 or their designated contractor.

The monitoring required for Rule 1466 consists of taking continuous direct-reading measurements of particulate matter (PM) less than 10 micrometers (PM^{10}) in diameter. One PM^{10} meter will be placed along the upwind side of the seasonal prevailing wind direction (generally from the western portion of the site along North Front Street) with another PM^{10} meter placed along the downwind side of the site (generally on the eastern portion of the site along the I-5 Caltrans right-of-way). As wind directions can often vary in Southern California (e.g., during Santa Ana wind conditions), the field geologist/scientist will make the determination as to the upwind and downwind locations of the meters. These meters are set to take particulate readings every ten minutes to ensure that the average particulate size on the downwind meter over 2 hours does not exceed 25 micrometers per cubic meter. The PM^{10} meters will be identical in make and model; settings; calibration; configuration and calibration, correction, and correlation factors.

The meters will collect ambient PM^{10} data with a data acquisition system that is capable of logging direct-reading near real-time data providing the date, time, and PM^{10} concentration in micrograms per cubic meter every ten minutes or less.

The PM^{10} concentration is the absolute difference between the upwind and downwind monitors. If the PM^{10} concentration averaged over two hours exceeds 25 micrograms per cubic meter, the owner or operator (e.g., the SJ4 contractor) shall cease earth-moving activities, apply dust suppressant to fugitive dust sources, or implement other dust control measures as necessary until the PM^{10} concentration is equal to or less than 25 micrograms per cubic meter averaged over 30 minutes.

The SJ4 contractor shall post signs at all entrances of the site to designate the speed limit as 15 miles per hour. In addition to the particulate monitors, water trucks will be stationed at the grading and excavation portions of the site during all earth-moving activities. The water trucks will supply constant dust suppression to reduce, or essentially eliminate, dust produced during the earth-moving activities. Soil stockpiles generated during excavation and grading activities will be underlain and covered with visqueen stabilized with sandbags to minimize fugitive particulate emissions. The SJ4 contractor shall comply with other provisions of Rule 1466, Section (e) *Requirements to Minimize Fugitive Dust Emissions*. During earth-moving activities, SJ4's contractor shall have an on-site dust control supervisor that complies with Rule 1466 Section (e), 9.

During the soil removal activities, the metal and VOC-affected soils will be directly loaded in end-dump trucks equipped with tarps. Once the load has been placed, the load will be completely tarped and exterior of the truck, trailer, and tires will be cleaned prior to the truck leaving the site. In addition to sweeping vehicles prior to exit, the trucks will drive over a pad of gravel at least 50 feet long, followed by a section of shaker plates at least 24 feet long, to remove as much soil as possible prior to leaving the site. The egress of the site will be swept each day to remove any dirt tracked offsite from the roadway.

The SJ4 contractor will comply with the recordkeeping requirements detailed in Rule 1466 and maintain the records for period of not less than three years and shall make such records available to the SCAQMD Executive Officer upon request. As noted, the SJ4 earthmoving contractors will conduct their activities in compliance with Rule 1466 which is presented in its complete form in Appendix E.

6.1.4 Confirmation Soil Sampling Procedures

After an excavation requiring soil management as either a California hazardous waste or RCRA hazardous waste has been completed in accordance with the above-referenced guidelines, relatively undisturbed confirmation soil samples will be collected from the sidewalls and floor of the excavation for laboratory analysis. The confirmation soil samples will be used to evaluate whether the in-place soil bounding the excavation exceeds the respective hazardous waste criteria. The confirmation soil samples will generally be collected from the area corresponding to the mid-point of each of the four sidewalls and the floor of the excavation. The number of soil samples collected from the bottom and sidewalls will be based on the size of the excavation. In general, one soil sample will be collected for each 25 lineal feet of exposed sidewall at 5 feet depth increments. For the floor areas, one soil sample per 625 square-feet (i.e., 25 feet X 25 feet) will be collected.

When possible, the confirmation soil samples will be collected using a slide-hammer hand sampler equipped with stainless steel sleeves. After a sample is collected, the ends of the stainless steel sleeve will be covered with Teflon sheets and capped with plastic end caps. Alternatively, the soil sample can also be collected in a pre-cleaned glass jar provided by the analytical laboratory. If a sampling location is inaccessible to hand-sampling equipment, soil sample collection will be accomplished with the aid of the backhoe/excavator. Care will be taken to sample only representative and relatively undisturbed areas when practical. The confirmation samples will be labeled and transported to the analytical laboratory in the manner previously described in Section 5.2.1.

6.1.5 Laboratory Analysis of Confirmation Soil Samples

The confirmation soil samples from an excavation will be analyzed for the chemical constituents that previously exceeded hazardous waste criteria. Soil samples will be analyzed (possibly on a 24-hour TAT basis) by a state-certified environmental laboratory. If the resulting analyses indicate that contaminant concentrations still require management as either a

California hazardous waste or RCRA hazardous waste, the area may be subject to further excavation, confirmatory soil sampling, and chemical testing.

6.1.6 Soil Stockpile Management and Sampling

Where previously unidentified RECs are encountered and direct loading of soil is not possible, the resulting soil stockpiles will be evaluated for their potential hazardous waste characteristic and will be placed in an area designated by SJ4 Burbank and/or their designated contractor. Excavated soil will be placed on plastic sheeting and securely covered with plastic sheeting at the end of each field day. Sandbags may be placed on top of the stockpile to ensure stability of the plastic sheeting. Caution tape will be placed around the base of the stockpile at the end of each field day. Soil stockpiles will be segregated by area of generation and will be designated on that basis.

The number of soil stockpile samples tested will be based on the total estimated volume of the stockpile. In general, the total number of soil samples collected from each stockpile will be based on the permitted landfill requirements for profiling (e.g., SVL). Based on the number required, the soil samples will be collected from at least a depth of one foot beneath the surface of the stockpile. Each stockpile soil sample will be analyzed for the constituents of concern that originally exceeded nonhazardous waste criteria. The analyses will be performed on a standard TAT basis (typically 5-7 work days) unless there are logistical reasons for obtaining quicker test results.

Stockpiled soil containing constituents of concern at concentrations exceeding the nonhazardous waste criteria (i.e., soil which will not be accepted at a municipal nonhazardous waste landfill such as SVL) will be transported to a licensed and permitted offsite disposal/treatment facility.

Stockpiled soil that has been determined by the laboratory analytical results to be a regulated or hazardous waste (as defined in CCR Title 22, Section 66261.2), will be placed in containers (e.g. drums or covered roll-off bins) pending approval for off-site disposal. Soil containers will be labeled and managed in accordance with applicable requirements (e.g., CCR Title 22, Chapter 12). All soil trucked off-site will be properly manifested either as a non-hazardous or hazardous waste. A list of potential soil disposal/treatment facilities is provided below.

Nonhazardous Solid Waste Disposal Facility

Waste Management Simi Valley Landfill (SVL)
2801 Madera Road
Simi Valley, CA 93065

Hazardous Waste (Class I) Disposal Facilities – RCRA Wastes

Waste Management Kettleman Hills Hazardous Waste Facility
35251 Skyline Rd., Kettleman City, California 93239

CleanHarbors Buttonwillow Landfill
2500 West Lokern Road
Buttonwillow, California 93206

U.S. Ecology
P.O. Box 578
Beatty, Nevada 89003

Safety Kleen (USPCI)
Grassy Mountain
Clive, Utah

Hazardous Waste (Class I) Disposal Facilities – Non-RCRA; Cal-Haz

Waste Management Kettleman Hills Hazardous Waste Facility
35251 Skyline Rd., Kettleman City, California 93239

La Paz County Landfill
26999 Hwy 95 Mile Post 128
Parker, AZ 85344

Sonas Soil Resource Recovery
58201 East Highway 72
Vicksburg, Arizona 85348

South Yuma County Landfill
19536 South Avenue 1E
Yuma, AZ 85365

Municipal Solid Waste (Class II) Facilities

Azusa Land Reclamation (WM)
1211 West Gladstone
Azusa, California 91702

Clean Harbors Westmoreland, LLC
5295 S. Garvey Road
Westmoreland, California 92281

McKittrick Waste Landfill (WM)
56533 Highway 58 West
McKittrick, California 93251-9996

Clean Harbors Environmental
2500 West Lokern Road
Buttonwillow, California 93206

Petroleum Soil Recycling Facilities

American Remedial Technologies, Inc.
2680 East Imperial Highway
Lynwood, California 90262

Soil Safe (TPS Technologies)
12328 Hibiscus Avenue
Adelanto, California 92301

Based on the proximity of the site to the Simi Valley Landfill and the landfill's availability to accept nonhazardous waste that may originate from the subject property, the SVL profiling criteria for soil is presented below. Additional disposal options, including those listed in the landfill facilities noted above, should be considered if SVL is not a suitable repository for SJ4 Burbank soils in the future. This may even include soil suitable for unrestricted use should the analytical test results from profiling activities support this disposal option.

Simi Valley Landfill (SVL) Profiling Criteria - Contaminant concentrations (if any) will *be compared against nonhazardous waste profiling criteria established by SVL for the* site to determine soil handling protocols and whether further characterization is needed. The SVL waste acceptance guidelines are summarized in the tables below. The analytical test methods required by the SVL for suspected contaminants at the site are shown below in Table 3.

Table 3 - Proposed Analytical Test Methods and SVL Profiling Criteria

EPA Test Method	Analytes	Simi Valley Landfill Acceptability Criteria
8015B	Gasoline (C_4-C_{12}) Daily Cover Disposal	 <100 mg/kg (averaged) >100 & < 1,000 mg/kg (averaged)
8015M	Diesel (C_{13}-C_{22}) Daily Cover Disposal	 <1,000 mg/kg (averaged) >1,000 & <10,000 mg/kg (averaged)
8015M	TPH	50,000 mg/kg (averaged)
8260B	VOCs Disposal Based on PID Field Measurement at SJ4 for: Daily Cover Disposal as 1166 Soil	 <50 ppm equivalents >50 ppm equivalents

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EPA Test Method	Analytes	Simi Valley Landfill Acceptability Criteria
	Disposal as +1,000 1166 soil Selected VOCs may be excluded from SVL disposal due to hazardous waste characteristic	>1,000 ppm equivalents See listed VOCs on Table 4
8270C	Semi-Volatile Organic Compounds	See Listed SVOCs on Table 4
8080/8150	Organochlorine Pesticides/Herbicides (OCPs and OCHs)	See Listed OCPs and OCHs on Table 4
8082	PCBs (Aroclors)	See Listed PCBs on Table 4
6010B/7471A Varies	Title 22 Metals Inorganics	See Listed CAM-17 Metals on Table 5 See Listed Inorganics on Table 5

Table 4 provides information pertinent to profiling soil for the presence of VOCs, semi-volatile organic compounds (SVOCs), and organochlorine pesticides/herbicides (OCPs/OCHs) to assess whether the soil requires management as a California hazardous waste or RCRA hazardous waste. The guidance information provided in Table 4 that relates assessing whether soil requires management as a California hazardous waste was obtained from the California Code of Regulations, Title 22, Article 11.

Table 4 – SVL Waste Acceptance Guidelines for Volatiles/Semi-Volatiles/Pesticides/Herbicides Constituent Limits (Subtitle D):

Analyte	TTLC Limit (mg/kg)	STLC Required (mg/kg)	STLC Limit (mg/L)	TCLP Required (mg/kg)	TCLP Limit (mg/L)
Aldrin	1.4	≥ 1.4	0.14		
Benzene		≥ 3.4	0.34	≥ 10	0.5
Carbon Tetrachloride		≥ 1.7	0.17	≥ 10	0.5
Chlordane	2.5	≥ 2.5	0.25	≥ 0.6	0.03
Chlorobenzene		≥ 1,000	100	≥ 2,000	100
Chloroform		≥ 60	6.0	≥ 120	6.0
Cresols		≥ 2,000	200	≥ 2,000	200
2,4-D	100	≥ 100	10	≥ 200	10
DDT/DDE/DDD	1.0	≥ 1.0	0.10		
1,4 Dichlorobenzene		≥ 17	1.7	≥ 15	7.5
1,2 Dichloroethane		≥ 1.7	0.17	≥ 10	0.5
1,1 Dichloroethylene		≥ 7.0	0.7	≥ 14	0.7
2,4 Dinitrotoluene		≥ 1.3	0.13	≥ 2.6	0.13
Dieldrin	8.0	≥ 8.0	0.8		

Analyte	TTLC Limit (mg/kg)	STLC Required (mg/kg)	STLC Limit (mg/L)	TCLP Required (mg/kg)	TCLP Limit (mg/L)
Dioxin	0.01	≥ 0.01	0.001		
Endrin	0.2	≥ 0.2	0.02		0.02
Heptachlor	4.7	≥ 0.034	0.0034	≥ 0.16	0.008
Hexachlorobenzene		≥ 1.3	0.13	≥ 2.6	0.13
Hexachlorobutadiene		≥ 5.0	0.5	≥ 10	0.5
Hexachloroethane		≥ 30	3.0	≥ 60	3.0
Kepone	21	≥ 21	2.1		
Lindane	4.0	≥ 0.7	0.068	≥ 8.0	0.4
Methoxychlor	100	≥ 100	10	≥ 200	10
Methyl Ethyl Ketone		≥ 2,000	200	≥ 4,000	200
Mirex	21	≥ 21	2.1		
Nitrobenzene		≥ 20	2.0	≥ 40	2.0
Pentachlorophenol	17	≥ 3.4	0.34	≥ 2,000	100
Polychlorinated Biphenyls (PCBs)	50	≥ 1.70	0.17		
Pyridine		≥ 50	5.0	≥ 100	5.0
Tetrachloroethylene (PCE)		≥ 7.0	0.7	≥ 14	0.7
Toxaphene	5.0	≥ 5.0	0.5	≥ 10	0.5
Trichloroethylene (TCE)	2,040	≥ 5.0	0.5	≥ 10	0.5
2,4,5 TP (Silvex)	10	≥ 10	1.0	≥ 20	1.0
2,4,5 Trichlorophenol				≥ 8,000	400
2,4,6 Trichlorophenol				≥ 40	2.0
Vinyl Chloride		≥ 1.7	0.17	≥ 4.0	0.2

Explanation:

TTLC = Total Threshold Limit Concentration as detailed in the California Code of Regulations, Title 22, Article 11. Soil samples with the listed analytes exceeding their respective TTL C require management as a California hazardous waste.

STLC = Soluble Threshold Limit Concentration as detailed in the California Code of Regulations, Title 22, Article 11. In general, any soil sample that has a detection of an analyte 10 times above its listed STLC concentration, should have the California Waste Extraction Test (CA WET) performed to assess if the analyte exceeds the STLC which would require the soil to be managed as a California hazardous waste.

TCLP = Toxicity Characteristic Leaching Procedure. Soil samples with concentrations of listed analytes greater than 20 times the STLC should be analyzed using the TCLP. If the TCLP for a listed analyte is exceeded, the soil will require management as a RCRA hazardous waste.

As with Table 4, Table 5 addresses the SVL waste acceptance guidelines for the CAM-17 metals and selected additional inorganic constituents.

Table 5 - SVL Waste Acceptance Guidelines for Metals/Inorganics Constituent Limits

Analyte	TTLC Limit (mg/kg)	STLC Required	STLC Limit (mg/L)	TCLP Required	TCLP Limit (mg/L)
Antimony	500	≥ 20	2.0		
Arsenic	500	≥ 50	5.0	≥ 100	5.0
Barium	10,000	≥ 1,000	100	≥ 2,000	100.0
Beryllium	75	≥ 7.5	0.75		
Cadmium	100	≥ 10	1.0	≥ 20	1.0
Chromium*	2,500	≥ 170	5.0	≥ 100	5.0
Chromium +6	500	≥ 50	5.0		
Cobalt	8,000	≥ 800	80		
Copper	2,500	≥ 250	25		
Lead	1,000	≥ 50	5.0	≥ 100	5.0
Mercury	20	≥ 2	0.2	≥ 4	0.2
Molybdenum	3,500	≥ 3,500	350		
Nickel	2,000	≥ 200	20		
Selenium	100	≥ 10	1.0	≥ 20	1.0
Silver	500	≥ 50	5.0	≥ 100	5.0
Thallium	700	≥ 6.8	0.68		
Vanadium	2,400	≥ 240	24		
Zinc	5,000	≥ 2,500	250		
Fluoride Salts	18,000	≥ 1,800	180		
Cyanide	250				
Sulfate / Sulfide	500				

Explanation:

*If Total Chromium >100 mg/kg, a Toxicity Characteristic Leaching Procedure (TCLP) extraction test is required. If Total Chromium >170 mg/kg, both WET/STLC and TCLP extraction tests are required. If either STLC or TCLP tests detect Chromium > 5 mg/L, the material is considered hazardous and will not be accepted for disposal at SVL.

6.1.7 Dewatering of Excavation if Perched Groundwater is Encountered

It is not anticipated that dewatering will be required for this site. However, should unanticipated perched groundwater be discovered during site redevelopment activities, the RWQCB project manager will be contacted and samples shall be obtained from the groundwater and analyzed for

COCs designated by the RWQCB. Should the groundwater samples exceed applicable discharge requirements, a dewatering plan shall be prepared by the SJ4 Burbank licensed contractor and submitted to the RWQCB and other appropriate agencies determined appropriate in consultation with the RWQCB for review and approval. The plan shall include but not be limited to sampling of groundwater that may be contaminated; and treatment and disposal of contaminated groundwater in compliance with applicable regulatory requirements. Written verification from the RWQCB of approval of a dewatering plan would be required. Should perched groundwater be encountered, the SJ4 environmental consultant will contact the RWQCB to evaluate if they will provide oversight and permitting for the dewatering program or will defer these activities to another regulatory oversight entity.

7.0 FEATURES REQUIRING PERMITS

The potential exists for the discovery of regulated underground features such as USTs, clarifiers, and their associated piping that have not previously been identified and investigated. In the event that such features are unearthed, the contractor is to immediately halt work in that area and notify SJ4 Burbank, the designated environmental consultant and the Site Safety Officer. The potential hazard posed by the feature should be assessed prior to any additional work at that location. If it is deemed safe to continue working at that location, personnel should attempt to expose the feature and determine its size and purpose. In addition, the UST or feature should be evaluated for potentially hazardous contents (type of substance and quantity). With SJ4 Burbank's approval, the environmental consultant should contact the RWQCB project manager and the appropriate and the City of Burbank Fire Department for UST removal (http://www.burbankfire.us/home/showdocument?id=197). An application/permit for removal of the UST and piping should be completed. Soil sampling around/under the UST or feature may be necessary for proper closure and to evaluate for potential contamination. The newly discovered feature will not be disturbed until the City of Burbank permit procedure is established. The physical location of the UST or feature will be noted and recorded on the Daily Field Log and site base map. The work performed to investigate and remove the feature will be documented in a summary report, and submitted to the permitting agency and to the RWQCB.

Compliance with all elements of SCAQMD Rules 402, 403, 1166, and 1466 including obtaining proper permits, monitoring for VOC Contaminated Soil, preparing a VOC Contaminated Soil Mitigation Plan (if needed), and providing notifications and documentation/reporting to SCAQMD (if required) shall be the responsibility of the contractor and/or environmental consultant.

Prior to any soil excavation activities, SJ4 Burbank will acquire a site-specific DTSC Temporary State ID Number for the possible removal of California hazardous waste generated from the site. The temporary state ID number issuance website for this application from the DTSC is https://dtsc-web01.dtsc.ca.gov/epaid/Default.aspx

To address non-hazardous waste generated from the site, waste manifests, and weight tickets will be provided in the report. To address non-RCRA hazardous waste and RCRA hazardous waste, generator waste profile sheets or waste material profile sheets, and Uniform Hazardous Waste Manifests, and weight tickets documenting the transport and disposal of hazardous waste, if present, will be provided in the report. Should RCRA waste be generated, SJ4 Burbank will complete and submit a RCRA

Subtitle C Site Identification Form to the United States Environmental Protection Agency.

8.0 REPORTING

8.1 RWQCB Notification of Newly Discovered Areas Potentially Affected by Hazardous Substances and Petroleum Products

With the approval of SJ4 Burbank, the RWQCB Project Manager will be notified and consulted for proper delineation and removal of California hazardous waste or RCRA hazardous waste during redevelopment, should the encountered contaminated soil have a volume greater than a 55-gallon drum. This notification will occur via a telephone call and via email at the direction of the California Professional Geologist who is the designated point-of-contact for this redevelopment project.

8.2 Preparation of Summary Report

At the conclusion of site demolition and grading, a report will be prepared that summarizes the field activities, describes pertinent observations and conclusions, and documents the disposal of any regulated wastes. Recommendations for further action or the need for further action will also be provided in the report, if necessary. The report will include the laboratory analytical reports, and a base map illustrating the extent of the excavation and any previously unidentified features that were unearthed and removed. All of the field logs and disposal documentation will be presented as appendices to the report.

9.0 REFERENCES

40 Code of Federal Regulations (CFR) Part 261 – Identification and Listing of Hazardous Waste, May 19, 1980.

California Code of Regulations, Title 22, Article 11.

California Environmental Protection Agency (Cal/EPA), 2015, Advisory – Active Soil Gas Investigations, dated July 2015.

Cal/EPA, DTSC, Determination of a Southern California Regional Background Arsenic Concentration in Soil, http://www.dtsc.ca.gov/upload/Background-Arsenic.pdf Undated (accessed February 27, 2019).

Golder Associates, Environmental Sampling and Analysis Report, Front Street Property, Burbank, California, dated May 2, 2005.

Simi Valley Landfill, Waste Acceptance Guidelines provided by Ms. Ilene Packer, Industrial Account Manager, Waste Management, personal communication, June 21, 2018.

South Coast Air Quality Management District, Rule 1166 – Volatile Organic Compound Emissions from Decontamination of Soil (Adopted August 5, 1988) (Amended July 14, 1995) (Amended May 11, 2001).

South Coast Air Quality Management District, Rule 1466, Control of Particulate Emissions from Soils with Toxic Air Contaminants (Adopted July 7, 2017) (Amended December 1, 2017)

US Environmental Protection Agency, Region 9, Environmental Screening Levels (RSLs), Residential Scenario, November 2018.

Project: 11235.004	Eng/Geol:RJF	SITE LOCATION MAP 777 North Front Street Burbank, California	Figure 1
Scale:1 " = 1,000 '	Date: October 2018		Leighton
Base Map: ESRI ArcGIS Online 2018 Thematic Information: Leighton Author: Leighton Geomatics (btran)			

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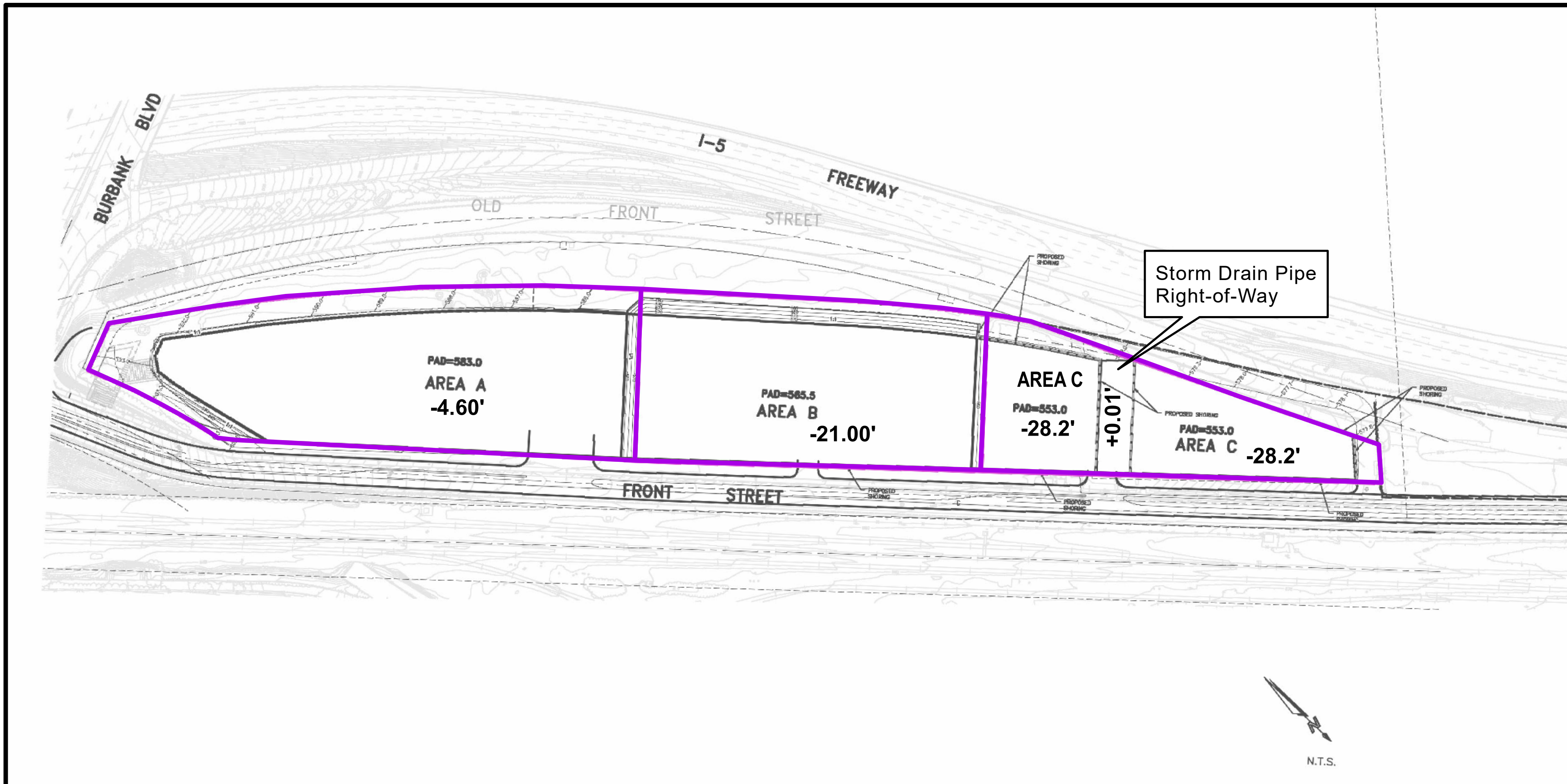

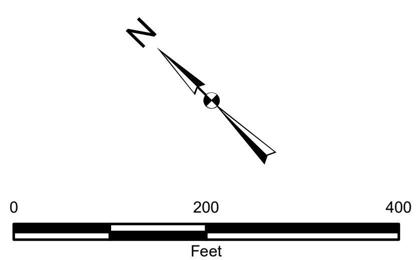

Boundaries of Areas A, B, & C

-4.60' Shallow Depth Excavtion for Area A - see Appendix B for metes and bounds information

Area A Shallow Soil Thickness - Concrete/Soil removal of approximately 4.6 vertical feet - Pad Elevation 583 feet AMSL

Area B Shallow Soil Thickness - Concrete/Soil removal of approximately 21 vertical feet - Pad Elevation 565.5 feet AMSL

Area C Shallow Soil Thickness - Concrete/Soil removal of approximately 28.2 vertical feet - Pad Elevation 553 feet AMSL

AMSL = Above Mean Sea Level

Reference - Fuscoe figure entitled Preliminary Excavation and Shoring Exhibit, dated 2/22/19; modified by Leighton and Associates, February 27, 2019

Project: 11235.003	Eng/Geol: RJF
Scale:1 " = 200 '	Date: February 2019

Base Map: ESRI ArcGIS Online 2019
Thematic Information: Leighton
Author: (kmanc)

BOUNDARIES AND PROPOSED SHALLOW-SOIL SURFACE ELEVATIONS FOR AREAS A, B, AND C

SJ4 Burbank, LLC Site, 777 North Front Street, Burbank, California

Figure 2

Leighton

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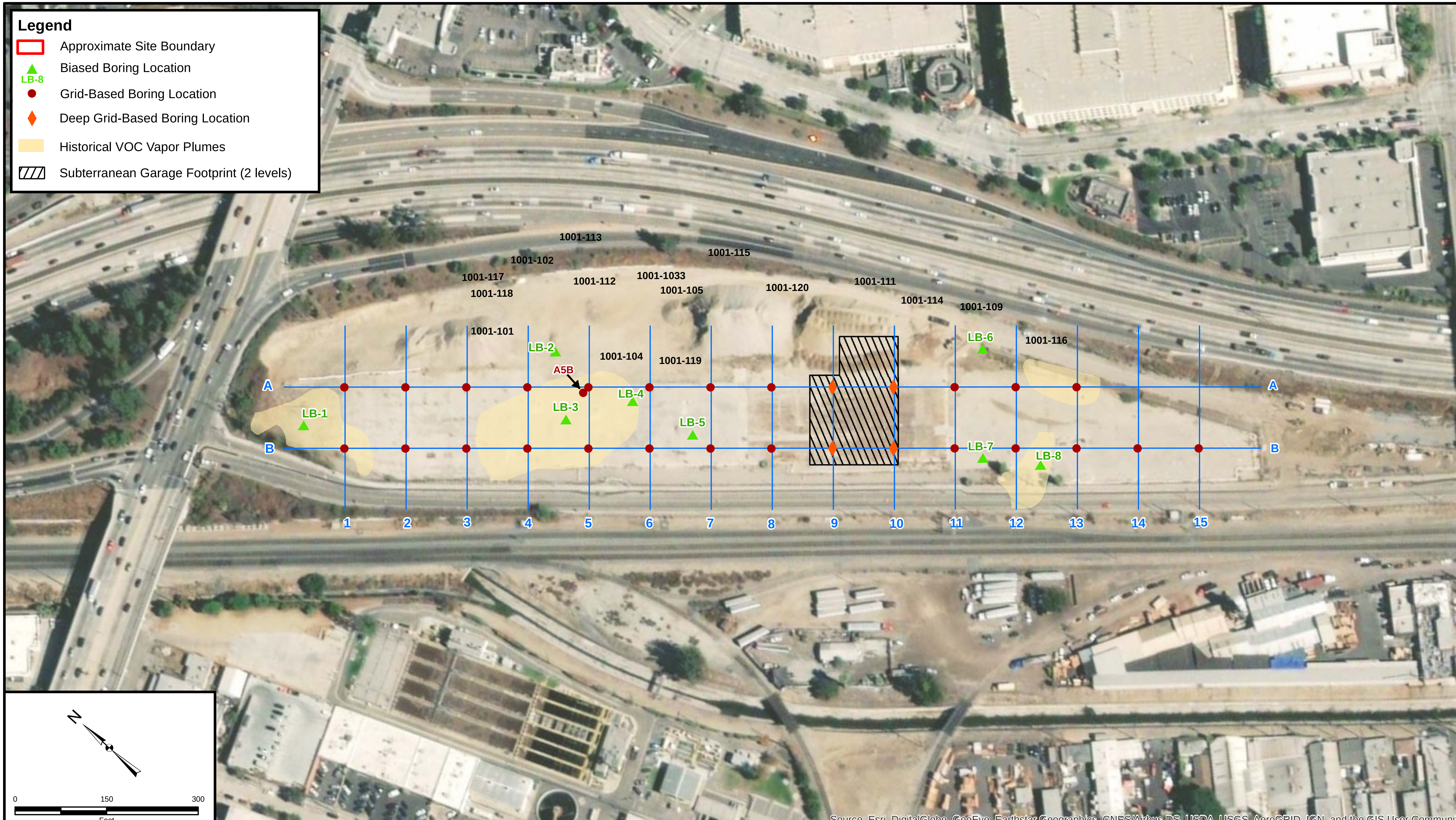

Project: 11235.004	Eng/Geol:RJF
Scale:1 " = 150 '	Date: October 2018

Base Map: ESRI ArcGIS Online 2018
Thematic Information: Leighton
Author: Leighton Geomatics (btran)

BORING LOCATION MAP **FROM LEIGHTON MAY 2016 SITE INVESTIGATION**

777 North Front Street
Burbank, California

Figure 3

Leighton

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Legend

- Approximate Site Boundary
- Biased Boring Location (LB-8)
- Grid-Based Boring Location
- Deep Grid-Based Boring Location
- Historical VOC Vapor Plumes
- Subterranean Garage Footprint (2 levels)
- Interpreted Maximum Lateral Extent of Metal - Affected Soils Which May Require Management as CA Hazardous Waste

CA TTLC = The California Total Threshold Limit Concentration
CA STLC = The California Soluble Threshold Limit Concentration

5,040[1] - Exceeds the CA TTLC
74.9[2] - Exceeds 10 Times the CA STLC
6,040 Soil Samples Which Exceed CA Hazardous Waste Criteria Based On Either Exceeding the TTLC or STLC (After CA WET Analysis)

Boring A5B

Date: May 2016	DEPTH (FT)				
	1.0'	4.5'	8.5'	14.5'	20.5'
Lead	**74.9[2]**	1.4	1.6	3.0	3.1
Zinc	**6,040[1]**	55.9	53.1	72.7	68.4

Boring A6

Date: May 2016	DEPTH (FT)					
	1'	4.5'	8.5'	14.5'	20.5'	20.5' Dup
Chromium	22.5	**157[2]**	**73.4[1]**	**67.7[2]**	**61.2[2]**	**59.1[2]**
Copper	11.9	39.0	100	103	40.8	40.4
Lead	**1.5**	**74.5[2]**	**59.5[2]**	36.4	17.3	17
Zinc	**28.5**	**6,260[1]**	**3,240[2]**	**3,020[2]**	**6,660[1]**	**7,050[1]**

Boring A7

Date: May 2016	DEPTH (FT)				
	1.0'	3.5'	8.5'	14.5'	20.5'
Copper	35.2	**6,750[1]**	**609[2]**	26.5	32.1
Lead	15.9	**1,110[1]**	**99.5[2]**	1.0	2.1
Zinc	154	**6,920[1]**	359	41.3	55.5

Boring A4

Date: May 2016	DEPTH (FT)				
	1.0'	4.5'	8.5'	14.5'	20.5'
Copper	**509[2]**	20.3	16.1	13.8	23.9

Boring A3

Date: May 2016	DEPTH (FT)					
	1.0'	4.5'	8.5'	8.5'D	14.5'	20.5'
Copper	**1,980[2]**	48.8	37.9	7.5	31.0	27.0

Boring B4

Date: May 2016	DEPTH (FT)					
	1.0'	4.5'	4.5'D	8.5'	14.5'	20.5'
Lead	**108[2]**	2.7	0.8	0.7	3.3	3.8
Zinc	**1,580[2]**	880	233	38.2	54.6	68.5

Boring B14

Date: May 2016	DEPTH (FT)			
	1.0'	5.0'	11.0'	17.0'
Chromium	**52.2[2]**	6.7	26.7	30.6

Project: 11235.004	Eng/Geol:RJF
Scale:1 " = 150 '	Date: October 2018

Base Map: ESRI ArcGIS Online 2018
Thematic Information: Leighton
Author: Leighton Geomatics (btran)

CAM-17 METALS IN MG/KG EXCEEDING CA TTLC[1] OR 10 TIMES GREATER THAN CA STLC[2]

SJ4 Burbank, LLC Site
777 North Front Street, Burbank, CA

Figure 4

Leighton

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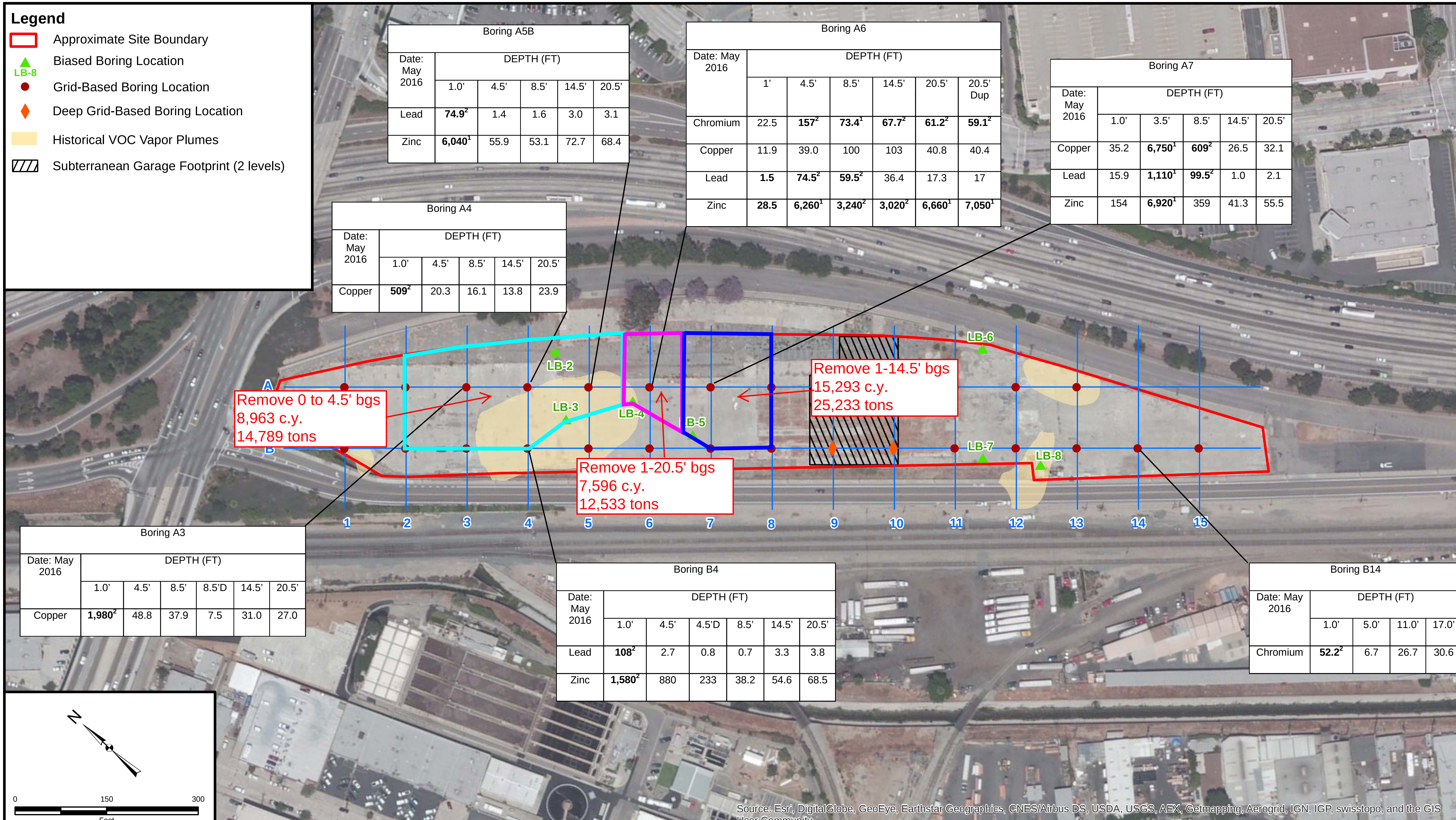

Boring A5B

Date: May 2016	DEPTH (FT)				
	1.0'	4.5'	8.5'	14.5'	20.5'
Lead	**74.9**[2]	1.4	1.6	3.0	3.1
Zinc	**6,040**[1]	55.9	53.1	72.7	68.4

Boring A6

Date: May 2016	DEPTH (FT)					
	1'	4.5'	8.5'	14.5'	20.5'	20.5' Dup
Chromium	22.5	**157**[2]	**73.4**[1]	**67.7**[2]	**61.2**[2]	**59.1**[2]
Copper	11.9	39.0	100	103	40.8	40.4
Lead	**1.5**	**74.5**[2]	**59.5**[2]	36.4	17.3	17
Zinc	**28.5**	**6,260**[1]	**3,240**[2]	**3,020**[2]	**6,660**[1]	**7,050**[1]

Boring A7

Date: May 2016	DEPTH (FT)				
	1.0'	3.5'	8.5'	14.5'	20.5'
Copper	35.2	**6,750**[1]	**609**[2]	26.5	32.1
Lead	15.9	**1,110**[1]	**99.5**[2]	1.0	2.1
Zinc	154	**6,920**[1]	359	41.3	55.5

Boring A4

Date: May 2016	DEPTH (FT)				
	1.0'	4.5'	8.5'	14.5'	20.5'
Copper	**509**[2]	20.3	16.1	13.8	23.9

Boring A3

Date: May 2016	DEPTH (FT)					
	1.0'	4.5'	8.5'	8.5'D	14.5'	20.5'
Copper	**1,980**[2]	48.8	37.9	7.5	31.0	27.0

Boring B4

Date: May 2016	DEPTH (FT)					
	1.0'	4.5'	4.5'D	8.5'	14.5'	20.5'
Lead	**108**[2]	2.7	0.8	0.7	3.3	3.8
Zinc	**1,580**[2]	880	233	38.2	54.6	68.5

Boring B14

Date: May 2016	DEPTH (FT)			
	1.0'	5.0'	11.0'	17.0'
Chromium	**52.2**[2]	6.7	26.7	30.6

Project: 11235.004	Eng/Geol:RJF
Scale:1 " = 150 '	Date: October 2018

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

ESTIMATED VOLUME OF SOIL REQUIRING MANAGEMENT AS CA HAZARDOUS WASTE

SJ4 Burbank, LLC Site - 777 North Front Street, Burbank, CA

Figure 5

Leighton

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A4		
Depth	PCE	TCE
1'	**2,540**	**11.5**
4.5'	**46.9**	< 1.0
8.5'	**118**	**2.7**
14.5'	**58.7**	< 1.0
20.5'	**6.8**	< 1.0

A5B	
Depth	PCE
1'	**253**
4.5'	**39.8**
8.5'	**16**
14.5'	**181**
20.5'	**57.5**

A6	
Depth	PCE
6-1'	< 1.0
4.5'	**13.7**
8.5'	**2.0**
14.5'	**16.6**
20.5'	**10.7**
20.5'D	**19.3**

A7		
Depth	PCE	TCE
1'	**22.1**	**64.7**
3.5'	**2,470**	**4,800**
8.5'	**1.4**	**2.6**
14.5'	**2.6**	**3.0**
20.5'	**1.0**	< 1.0

A9	
Depth	PCE
1'	**4.3**
4.5'	**4.5**
8.5'	< 1.0
14.5'	< 1.0
20.5'	< 1.0
20.5'-D	< 1.0
25.5'	< 1.0
30.5'	< 1.0

A10	
Depth	PCE
1'	**6.8**
14.5'	< 1.0
20.5'	< 1.0
25.5'	< 1.0
30.5'	< 1.0

All concentrations reported in ug/kg.

A4-1' = Grid-based boring location A4, soil sample collection depth depth of 1 foot below ground surface (bgs).

<1.0 = Concentration not detected above laboratory reporting limit

ND = Concentration not detected above laboratory reporting limit

A2	
Depth	PCE
1'	**8.2**
4.5'	**2.1**
8.5'	< 1.0
14.5'	< 1.0
20.5'	< 1.0

A3	
Depth	PCE
1'	**8.9**
4.5'	**10.5**
8.5'	**11.4**
8.5'D	**6.6**
14.5'	**2.0**
20.5'	< 1.0

A5		
Depth	PCE	TCE
A5-1.25'	**810**	**2.8**
A5-4.5'	**32.2**	< 1.0

LB-2		
Depth	PCE	TCE
1'	**28.0**	**1.4**
4.5'	**2.2**	< 1.0
8.5'	**2.2**	< 1.0
14.5'	**5.5**	< 1.0
20.5'	**25.9**	< 1.0

LB-5		
Depth	PCE	TCE
LB5-1'	< 1.0	< 1.0
LB5-1D	< 1.0	< 1.0
LB5-4.5'	**21.2**	**5.3**
LB5-8.5'	**3.9**	< 1.0
LB5-14.5'	**1.0**	< 1.0
LB5-20.5'	**2.2**	< 1.0

A8		
Depth	PCE	TCE
1'	**21.9**	**2.1**
4.5'	**11.4**	< 1.0
8.5'	**1.5**	< 1.0
14.5'	**5.7**	< 1.0
20.5'	**3.1**	< 1.0

A11	
Depth	VOCs
1'	ND
4.5'	ND
8.5'	ND
8.5'D	ND
14.5'	ND
20.5'	ND

LB-6	
Depth	PCE
1'	**1.0**
5'	< 1.0
11'	< 1.0
17'	< 1.0

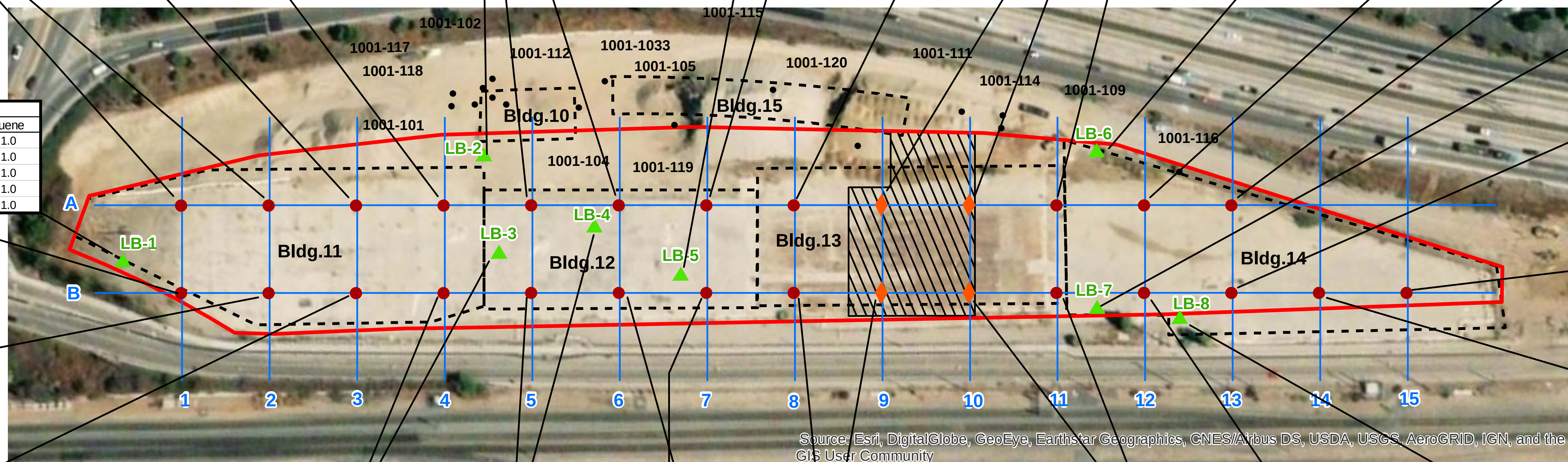
A12	
Depth	VOCs
1'	ND
5'	ND
11'	ND
17'	ND

A13	
Depth	VOCs
1'	ND
5'	ND
11'	ND
17'	ND

LB-7	
Depth	PCE
1'	**3.5**
5'	< 1.0
11'	**1.0**
17'	< 1.0

A1	
Depth	VOCs
1'	ND
4.5'	ND
8.5'	ND
14.5'	ND
20.5'	ND

LB-1			
Depth	Ethylbenzene	PCE	Toluene
1'	< 1.0	**2.9**	< 1.0
4.5'	< 1.0	**1.6**	< 1.0
8.5'	< 1.0	**1.8**	< 1.0
14.5'	< 1.0	< 1.0	< 1.0
20.5'	< 1.0	< 1.0	< 1.0



B13	
Depth	PCE
1'	< 1.0
5'	**2.1**
11'	**1.2**
17'	< 1.0

B1	
Depth	PCE
1'	< 1.0
4.5'	**27.0**
8.5'	**2.1**
14.5'	**14.8**
20.5'	**5.4**

B15		
Depth	Ethylbenzene	Toluene
1'	< 1.0	< 1.0
4'	< 1.0	< 1.0
5'	**3.0**	**1.8**

B2	
Depth	PCE
1'	**12.7**
4.5'	**1.7**
8.5'	< 1.0
14.5'	**1.3**
20.5'	**3.3**

B14	
Depth	VOCs
1'	ND
5'	ND
11'	ND
17'	ND

B3	
Depth	PCE
1'	**21.8**
4.5'	**7.9**
8.5'	**1.2**
14.5'	**6.3**
20.5'	**13.8**

B4				
Depth	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE
1'	**3,330**	**153**	**5.0**	**2.3**
4.5'	**24.0**	< 1.0	< 1.0	< 1.0
4.5'D	**21.2**	< 1.0	< 1.0	< 1.0
8.5'	**22.4**	< 1.0	< 1.0	< 1.0
14.5'	**29.3**	< 1.0	< 1.0	< 1.0
20.5'	**54.8**	< 1.0	< 1.0	< 1.0

LB-3	
Depth	PCE
1'	**43.9**
1'D	**46.7**
4.5'	**19.6**
8.5'	**8.2**
14.5'	**89.4**
20.5'	**28.2**

LB-4	
Depth	PCE
1'	**4.4**
4.5'	**25.6**
8.5'	**5.4**
14.5'	**26.7**
20.5'	**4.3**

B6	
Depth	PCE
1'	**28.7**
4.5'	**33.1**
8.5'	**22.1**
14.5'	**9.1**
20.5'	**8.8**

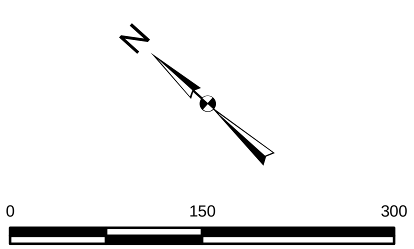
B9	
Depth	PCE
1'	**1.8**
4.5'	**2.3**
8.5'	**2.0**
14.5'	**2.1**
20.5'	**2.0**
25.5'	< 1.0
30.5'	< 1.0

B10	
Depth	PCE
1'	**2.0**
4.5'	**4.3**
8.5'	**2.8**
14.5'	< 1.0
20.5'	< 1.0
25.5'	**2.2**
30.5'	< 1.0

B11	
Depth	PCE
1'	< 1.0
4.5'	**7.3**
8.5'	**2.4**
14.5'	< 1.0
20.5'	< 1.0

B12		
Depth	PCE	TCE
1'	**22.8**	**1.6**
5'	**2.4**	< 1.0
5'D	**2.8**	< 1.0
11'	**1.3**	< 1.0
17'	< 1.0	< 1.0

LB-8			
Depth	PCE	1,1,1-TCA	TCE
1'	**187**	**20.9**	**1.7**
5'	**21.5**	**4.1**	< 1.0
11'	**3.0**	< 1.0	< 1.0
17'	< 1.0	< 1.0	< 1.0



B5	
Depth	PCE
1'	**29.6**
4.5'	**148**
8.5'	**161**
14.5'	**25.3**
20.5'	**14.9**

B7			
Depth	PCE	TCE	Benzene
1'	**5.8**	**1.6**	**1.7**
4.5'	**22.1**	**13.6**	< 1.0
8.5'	< 1.0	< 1.0	< 1.0
14.5'	**4.5**	< 1.0	< 1.0
20.5'	**1.2**	< 1.0	< 1.0

B8			
Depth	PCE	TCE	Benzene
1'	**13.9**	**19.8**	**4.3**
4.5'	**3.3**	**1.0**	< 1.0
8.5'	**5.5**	**1.2**	< 1.0
8.5D	**6.0**	**1.3**	< 1.0
14.5'	< 1.0	< 1.0	< 1.0
20.5'	**1.5**	< 1.0	< 1.0

Legend

- Approximate Site Boundary
- LB-8 Biased Boring Location
- Grid-Based Boring Location
- Deep Grid-Based Boring Location
- 1001-120 Soil/Soil Gas (Ninyo & Moore, 2009)
- Former Zero Buildings Foundations
- Subterranean Garage Footprint (2 levels)

Project: 11235.004 | Eng/Geol:RJF

Scale:1 " = 150 ' | Date: October 2018

Base Map: ESRI ArcGIS Online 2018
Thematic Information: Leighton
Author: Leighton Geomatics (btran)

VOCs (ug/kg) Detected in Soil Samples **During Leighton's May 2016 Site Investigation**

777 North Front Street
Burbank, California

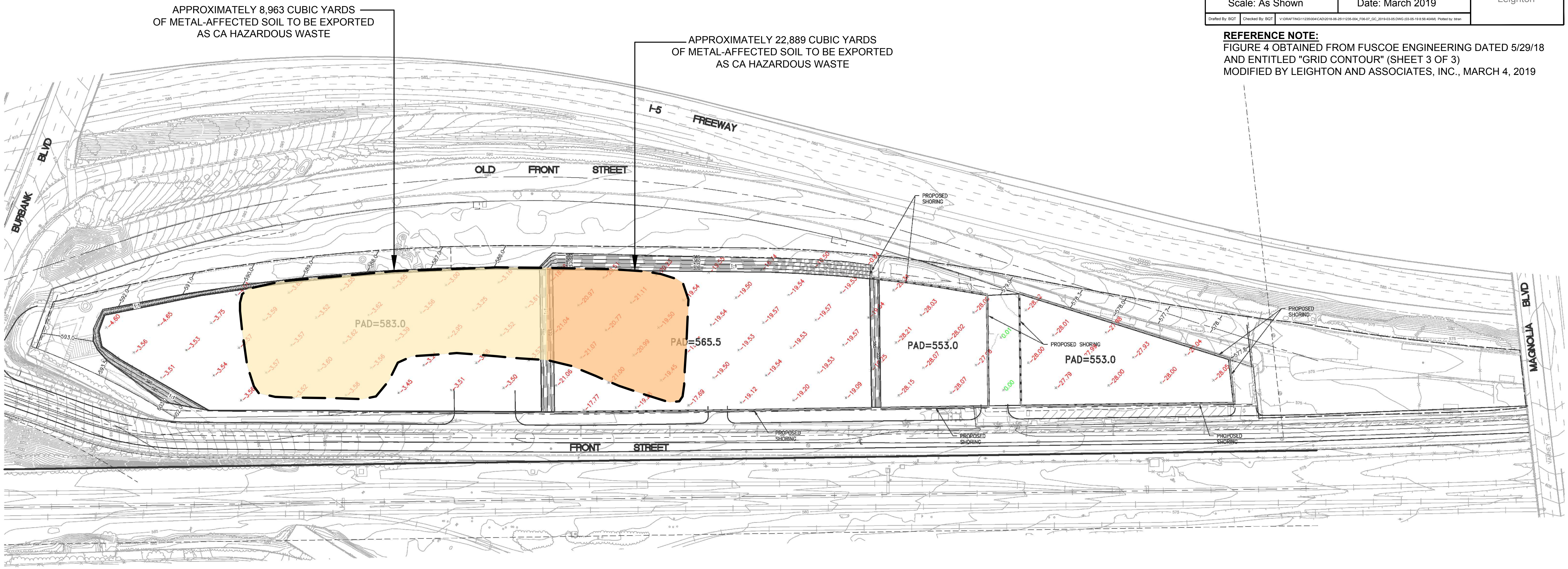
Figure 6

Leighton

Map Saved as V:\Drafting\11235\004\Maps\11235_004_F05_VOCs_2018-10-01.mxd on 6/25/2018 11:30:53 AM

ESTIMATED AREA AND DEPTHS OF METAL-AFFECTED SOIL PLANNED FOR EXCAVATION AT PROPOSED SJ4 BURBANK DEVELOPMENT SITE SJ4 Burbank, LLC Proposed Development Site 777 North Front Street, Burbank, California		Figure 7
Proj: 11235.004	Eng/Geol: RF	Leighton
Scale: As Shown	Date: March 2019	

REFERENCE NOTE:
FIGURE 4 OBTAINED FROM FUSCOE ENGINEERING DATED 5/29/18
AND ENTITLED "GRID CONTOUR" (SHEET 3 OF 3)
MODIFIED BY LEIGHTON AND ASSOCIATES, INC., MARCH 4, 2019



EARTHWORK SUMMARY

THE PROPOSED SITE IS ANTICIPATED TO BE A CUT SITE AND WILL REQUIRE APPROXIMATELY 90,000 CY OF EXPORTED MATERIAL. NOTE THAT THIS VALUE IS BASED ON PRELIMINARY DESIGN OF THE PROJECT AND WILL CHANGE AS DESIGN DEVELOPMENT PROGRESSES.

CUT:	110,000 CY
FILL:	2,000 CY
NET:	108,000 CY EXPORT

LEGEND

- APPROXIMATE BOUNDARY OF METAL AFFECTED SOILS
- -19.53 = CUT DEPTH OF 19.53 FEET OF SOIL PROPOSED BY FUSCOE
- PROPOSED METAL-AFFECTED SOIL EXCAVATION AREA TO ~21 FEET BELOW GRADE
- PROPOSED METAL-AFFECTED SOIL EXCAVATION AREA TO -3.6 FEET BELOW GRADE

60' 0' 30' 60'
SCALE: 1" = 60'

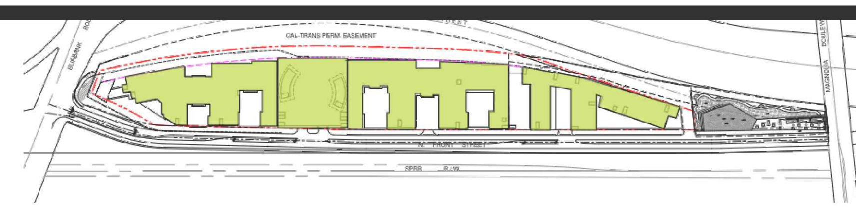
SELECT by LaTerra

GRID CONTOUR

DATE: 05/29/2018

SHEET 03 OF 03

SJ4 BURBANK LLC.



FUSCOE ENGINEERING
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tel 949.474.1960 ◦ fax 949.474.5315
www.fuscoe.com

urban-architecture LAB

APPENDIX A

Blackstone Consulting LLC Historical Features Map, December 2, 2015

Leighton

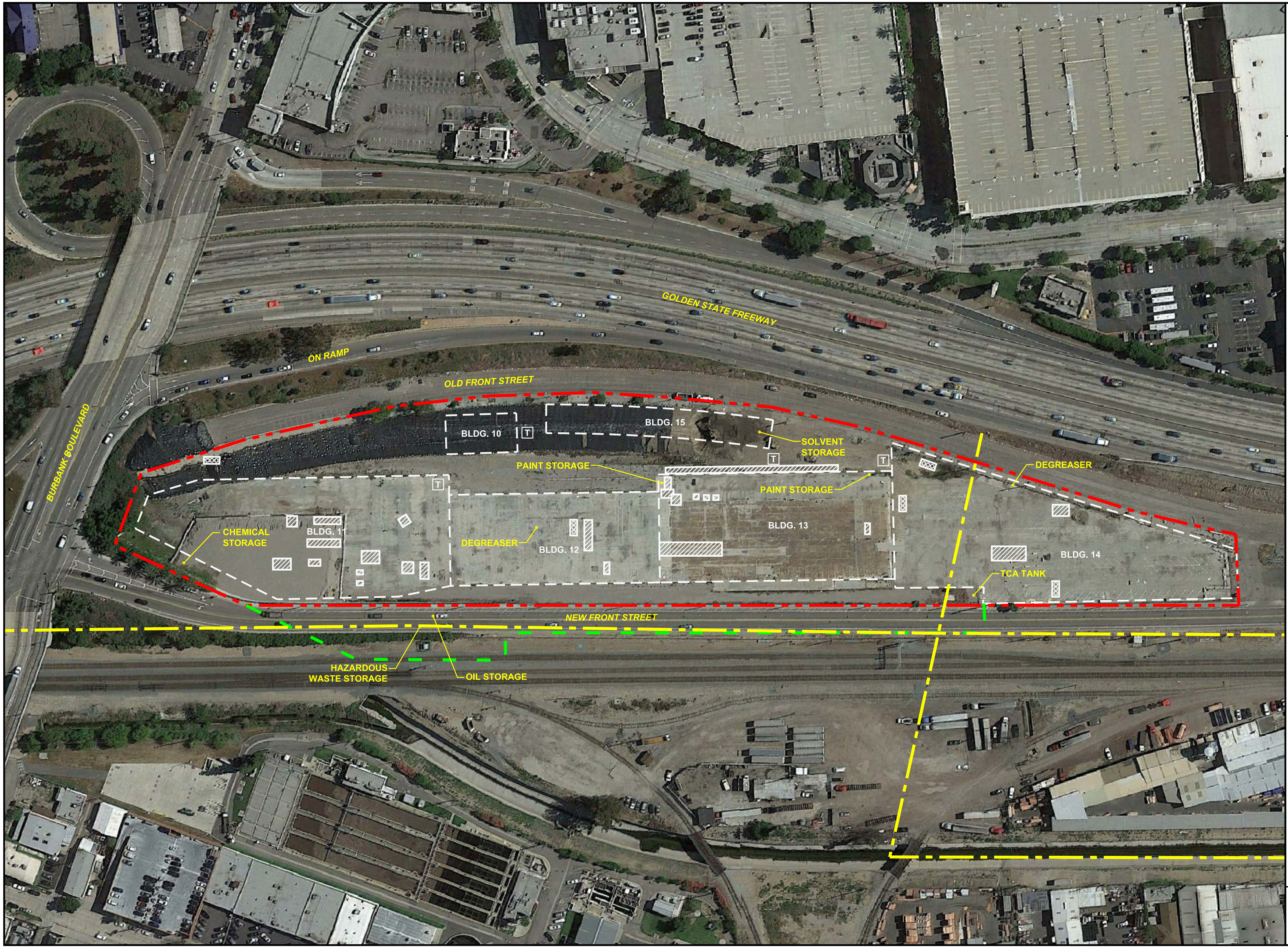

EXHIBIT NO. 1

HISTORICAL FEATURES

PROPOSED BURBANK REDEVELOPMENT SITE
777 NORTH FRONT STREET
BURBANK, CALIFORNIA

TERRCA003.02

LEGEND

PROPERTY BOUNDARY

FORMER LOCATIONS OF TRANSFORMERS

FORMER PIT/TRENCH/ EQUIPMENT PAD LOCATIONS

FORMER CLARIFIER LOCATION

FORMER BUILDING LOCATIONS

APPROXIMATE LOCATION OF MOBIL PIPELINE

APPROXIMATE OFF-SITE EXTENT OF FORMER ZERO OPERATIONS

NOT MAPPED: HISTORICAL USTS REMOVED IN 1987, LOCATION UNKNOWN

BLACKSTONE CONSULTING LLC

DECEMBER 2, 2015

APPENDIX B

Metes and Bounds Legal Description for LaTerra Select Burbank Areas A, B, and C

Leighton

EXHIBIT "A"

AREA A

IN THE CITY OF BURBANK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, BEING A PORTION OF LOTS 11 THROUGH 15 OF TRACT NO. 5617, FILED IN BOOK 85, PAGE 77 OF MAPS; LOTS 6, 7 AND 8 OF TRACT NO. 2792, FILED IN BOOK 28, PAGE 15 OF MAPS; AND LOT 3 IN BLOCK 91 OF THE RANCHO PROVIDENCIA AND SCOTT TRACT, FILED IN BOOK 43, PAGES 47 THROUGH 59 OF MISCELLANEOUS MAPS, ALL RECORDS OF SAID LOS ANGELES COUNTY, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE EASTERLY RIGHT OF WAY OF THE BURBANK CHANNEL, 100.00 FEET WIDE, AS DESCRIBED IN THE FINAL DECREE OF CONDEMNATION, ENTERED IN CASE NO. 474741, LOS ANGELES COUNTY SUPERIOR COURT, A CERTIFIED COPY OF SAID DECREE BEING RECORDED IN BOOK 19993, PAGE 375; AND THE SOUTHWESTERLY LINE OF PARCEL 79660-1 AS DESCRIBED IN THE FINAL ORDER OF CONDEMNATION AND WITHDRAWAL OF NOTICE OF PENDENCY OF PROCEEDING, RECORDED SEPTEMBER 3, 2014 AS INSTRUMENT NO. 20140925415, BOTH OFFICIAL RECORDS OF SAID COUNTY; THENCE ALONG THE SOUTHWESTERLY AND WESTERLY BOUNDARY OF SAID PARCEL 79660-1 THE FOLLOWING THREE (3) COURSES:

1. NORTH 68°01'59" EAST, 66.35 FEET TO THE BEGINNING OF A NON-TANGENT CURVE, CONCAVE SOUTHWESTERLY AND HAVING A RADIUS OF 2,589.03 FEET, A RADIAL LINE TO SAID BEGINNING OF CURVE BEARS NORTH 33°49'43" EAST;

2. SOUTHEASTERLY ALONG SAID CURVE, 655.71 FEET, THROUGH A CENTRAL ANGLE OF 14°30'40"

3. SOUTH 41°39'37" EAST, 21.96 FEET;

THENCE LEAVING SAID SOUTHWESTERLY BOUNDARY OF PARCEL 79660-1 THE FOLLOWING THREE (3) COURSES:

1. SOUTH 46°54'54" WEST, 226.27 FEET;

2. NORTH 41°46'13" WEST, 493.84 FEET TO THE BEGINNING OF A TANGENT CURVE, CONCAVE NORTHEASTERLY AND HAVING A RADIUS OF 407.00 FEET;

3. NORTHWESTERLY ALONG SAID CURVE, 34.49 FEET, THROUGH A CENTRAL ANGLE OF 04°51'19" TO SAID EASTERLY RIGHT OF WAY OF THE BURBANK CHANNEL, SAID EASTERLY RIGHT OF WAY BEING A NON-TANGENT CURVE, CONCAVE WESTERLY AND HAVING A

RADIUS OF 2,050.00 FEET, A RADIAL LINE TO SAID BEGINNING OF CURVE BEARS NORTH 78°45'20" EAST;

THENCE ALONG SAID RIGHT OF WAY THE FOLLOWING TWO COURSES:

1. NORTHERLY ALONG SAID CURVE, 2.92 FEET, THROUGH A CENTRAL ANGLE OF 00°04'53" TO THE BEGINNING OF A COMPOUND CURVE, CONCAVE WESTERLY AND HAVING A RADIUS OF 1,050.00 FEET;

2. NORTHERLY ALONG SAID CURVE, 181.77 FEET, THROUGH A CENTRAL ANGLE OF 09°55'07" TO THE **POINT OF BEGINNING**.

THE ABOVE DESCRIBED AREA CONTAINS 129,882 SQUARE FEET MORE OR LESS

AREA B

IN THE CITY OF BURBANK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, BEING A PORTION OF LOTS 4 THROUGH 11 OF TRACT NO. 5617, FILED IN BOOK 85, PAGE 77 OF MAPS; AND LOTS 3 AND 4 IN BLOCK 91 OF THE RANCHO PROVIDENCIA AND SCOTT TRACT, FILED IN BOOK 43, PAGES 47 THROUGH 59 OF MISCELLANEOUS MAPS, ALL RECORDS OF SAID LOS ANGELES COUNTY, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE EASTERLY RIGHT OF WAY OF THE BURBANK CHANNEL, 100.00 FEET WIDE, AS DESCRIBED IN THE FINAL DECREE OF CONDEMNATION, ENTERED IN CASE NO. 474741, LOS ANGELES COUNTY SUPERIOR COURT, A CERTIFIED COPY OF SAID DECREE BEING RECORDED IN BOOK 19993, PAGE 375; AND THE SOUTHWESTERLY LINE OF PARCEL 79660-1 AS DESCRIBED IN THE FINAL ORDER OF CONDEMNATION AND WITHDRAWAL OF NOTICE OF PENDENCY OF PROCEEDING, RECORDED SEPTEMBER 3, 2014 AS INSTRUMENT NO. 20140925415, BOTH OFFICIAL RECORDS OF SAID COUNTY; THENCE ALONG THE SOUTHWESTERLY AND WESTERLY BOUNDARY OF SAID PARCEL 79660-1 THE FOLLOWING THREE (3) COURSES:

1. NORTH 68°01'59" EAST, 66.35 FEET TO THE BEGINNING OF A NON-TANGENT CURVE, CONCAVE SOUTHWESTERLY AND HAVING A RADIUS OF 2,589.03 FEET, A RADIAL LINE TO SAID BEGINNING OF CURVE BEARS NORTH 33°49'43" EAST;

2. SOUTHEASTERLY ALONG SAID CURVE, 655.71 FEET, THROUGH A CENTRAL ANGLE OF 14°30'40";

3. SOUTH 41°39'37" EAST, 21.96 FEET TO THE **TRUE POINT OF BEGINNING**;

THENCE LEAVING SAID WESTERLY BOUNDARY OF PARCEL 79660-1 THE FOLLOWING SIX (6) COURSES:

1. SOUTH 46°54'54" WEST, 226.27 FEET;

2. SOUTH 41°46'13" EAST 5.23 FEET;

3. SOUTH 42°06'42" EAST 23.45 FEET;

4. SOUTH 42°46'35" EAST 22.19 FEET;

5. SOUTH 43°05'59" EAST 388.13 FEET;

6. NORTH 46°54'01" EAST 207.37 FEET TO SAID WESTERLY BOUNDARY OF PARCEL 79660-1, SAID WESTERLY BOUNDARY BEING A NON-TANGENT CURVE CONCAVE SOUTHWESTERLY AND HAVING A RADIUS OF 1,955.50 FEET, A RADIAL LINE TO SAID CURVE BEARS NORTH 53°41'29" EAST;

THENCE NORTHERLY ALONG SAID CURVE AND WESTERLY BOUNDARY, 182.65 FEET, THROUGH A CENTRAL ANGLE OF 05°21'06" TO THE **TRUE POINT OF BEGINNING**.

THE ABOVE DESCRIBED AREA CONTAINS 96,662 SQUARE FEET MORE OR LESS

AREA C

IN THE CITY OF BURBANK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, BEING A PORTION OF LOT 4 IN BLOCK 91 OF THE RANCHO PROVIDENCIA AND SCOTT TRACT, FILED IN BOOK 43, PAGES 47 THROUGH 59 OF MISCELLANEOUS MAPS, RECORDS OF SAID COUNTY; LOTS 16 AND 18 OF BLOCK 64 OF THE MAP OF THE TOWN OF BURBANK, FILED IN BOOK 17, PAGES 19 THROUGH 22 OF MISCELLANEOUS RECORDS OF SAID COUNTY; TOGETHER WITH THOSE PORTIONS OF CYPRESS AVENUE AND FRONT STREET, AS SHOWN ON SAID MAP OF THE TOWN OF BURBANK, AND VACATED BY RESOLUTION NO. 6190, PASSED BY THE COUNCIL OF SAID CITY OF BURBANK, ON MAY 19, 1950, A CERTIFIED COPY THEREOF HAVING BEEN RECORDED IN BOOK 33185, PAGE 116 OF OFFICIAL RECORDS, OF SAID COUNTY, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE EASTERLY RIGHT OF WAY OF THE BURBANK CHANNEL, 100.00 FEET WIDE, AS DESCRIBED IN THE FINAL DECREE OF CONDEMNATION, ENTERED IN CASE NO. 474741, LOS ANGELES COUNTY SUPERIOR COURT, A CERTIFIED COPY OF SAID DECREE BEING RECORDED IN BOOK 19993, PAGE 375; AND THE SOUTHWESTERLY LINE OF PARCEL 79660-1 AS

DESCRIBED IN THE FINAL ORDER OF CONDEMNATION AND WITHDRAWAL OF NOTICE OF PENDENCY OF PROCEEDING, RECORDED SEPTEMBER 3, 2014 AS INSTRUMENT NO. 20140925415, BOTH OFFICIAL RECORDS OF SAID COUNTY; THENCE ALONG THE SOUTHWESTERLY AND WESTERLY BOUNDARY OF SAID PARCEL 79660-1 THE FOLLOWING THREE (3) COURSES:

1. NORTH 68°01'59" EAST, 66.35 FEET TO THE BEGINNING OF A NON-TANGENT CURVE, CONCAVE SOUTHWESTERLY AND HAVING A RADIUS OF 2,589.03 FEET, A RADIAL LINE TO SAID BEGINNING OF CURVE BEARS NORTH 33°49'43" EAST;

2. SOUTHEASTERLY ALONG SAID CURVE, 655.71 FEET, THROUGH A CENTRAL ANGLE OF 14°30'40"

3. SOUTH 41°39'37" EAST, 21.96;

THENCE LEAVING SAID WESTERLY BOUNDARY OF PARCEL 79660-1 THE FOLLOWING SIX (6) COURSES:

1. SOUTH 46°54'54" WEST, 226.27 FEET;

2. SOUTH 41°46'13" EAST 5.23 FEET;

3. SOUTH 42°06'42" EAST 23.45 FEET;

4. SOUTH 42°46'35" EAST 22.19 FEET;

5. SOUTH 43°05'59" EAST 388.13 FEET;

6. NORTH 46°54'01" EAST 207.37 FEET TO A POINT ON SAID WESTERLY BOUNDARY OF PARCEL 79660-1, SAID POINT BEING THE **TRUE POINT OF BEGINNING**;

THENCE LEAVING SAID WESTERLY BOUNDARY THE FOLLOWING TWO (2) COURSES:

1. SOUTH 46°54'01" WEST, 207.37 FEET;

2. SOUTH 43°05'59" EAST, 506.78 FEET TO THE NORTHWESTERLY LINE OF SAN JOSE AVENUE, 60.00 FEET WIDE, VACATED PER DEED RECORDED IN BOOK 3034, PAGE 315, OFFICIAL RECORDS OF SAID COUNTY;

THENCE, ALONG SAID NORTHWESTERLY LINE, NORTH 41°18'18" EAST, 50.63 FEET TO THE WESTERLY LINE OF PARCEL 7 OF RELINQUISHMENT NO. 226, OF THE HIGHWAY RIGHT OF WAY RELINQUISHED TO THE CITY OF BURBANK BY RESOLUTION OF THE CALIFORNIA

TRANSPORTATION COMMISSION, PER RESOLUTION RECORDED JUNE 3, 1963 IN BOOK D2050, PAGE 565, OFFICIAL RECORDS OF SAID COUNTY; THENCE ALONG SAID WESTERLY LINE THE FOLLOWING THREE (3) COURSES:

1. NORTH 24°54'48" WEST, 349.67 FEET;

2. NORTH 22°57'17" WEST, 66.63 FEET;

3. NORTH 24°51'50" WEST, 57.09 FEET TO SAID WESTERLY BOUNDARY OF PARCEL 79660-1 AS DESCRIBED IN THE FINAL ORDER OF CONDEMNATION AND WITHDRAWAL OF NOTICE OF PENDENCY OF PROCEEDING, RECORDED SEPTEMBER 3, 2014 AS INSTRUMENT NO. 20140925415, OFFICIAL RECORDS OF SAID COUNTY, SAID WESTERLY BOUNDARY BEING A NON-TANGENT CURVE, CONCAVE SOUTHWESTERLY AND HAVING A RADIUS OF 1,955.50 FEET, A RADIAL LINE TO SAID BEGINNING OF CURVE BEARS NORTH 55°15'14" EAST;

THENCE NORTHERLY ALONG SAID WESTERLY BOUNDARY AND CURVE, 53.33 FEET, THROUGH A CENTRAL ANGLE OF 01°33'45" TO THE **TRUE POINT OF BEGINNING**;

THE ABOVE DESCRIBED AREA CONTAINS 66,850 SQUARE FEET MORE OR LESS.

NOTE: THE FINAL DIMENSIONS AND BOUNDARIES OF THE EXCAVATION AREAS (DESIGNATED HEREIN AS AREAS A, B, AND C) ARE SUBJECT TO MODIFICATION BASED ON THE FINAL CONSTRUCTION DESIGNS.

ALL AS SHOWN ON EXHIBIT "B" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

DATED THIS 27TH DAY OF FEBRUARY, 2018

Kurt R Troxell

KURT R. TROXELL, L.S. 7854
FUSCOE ENGINEERING

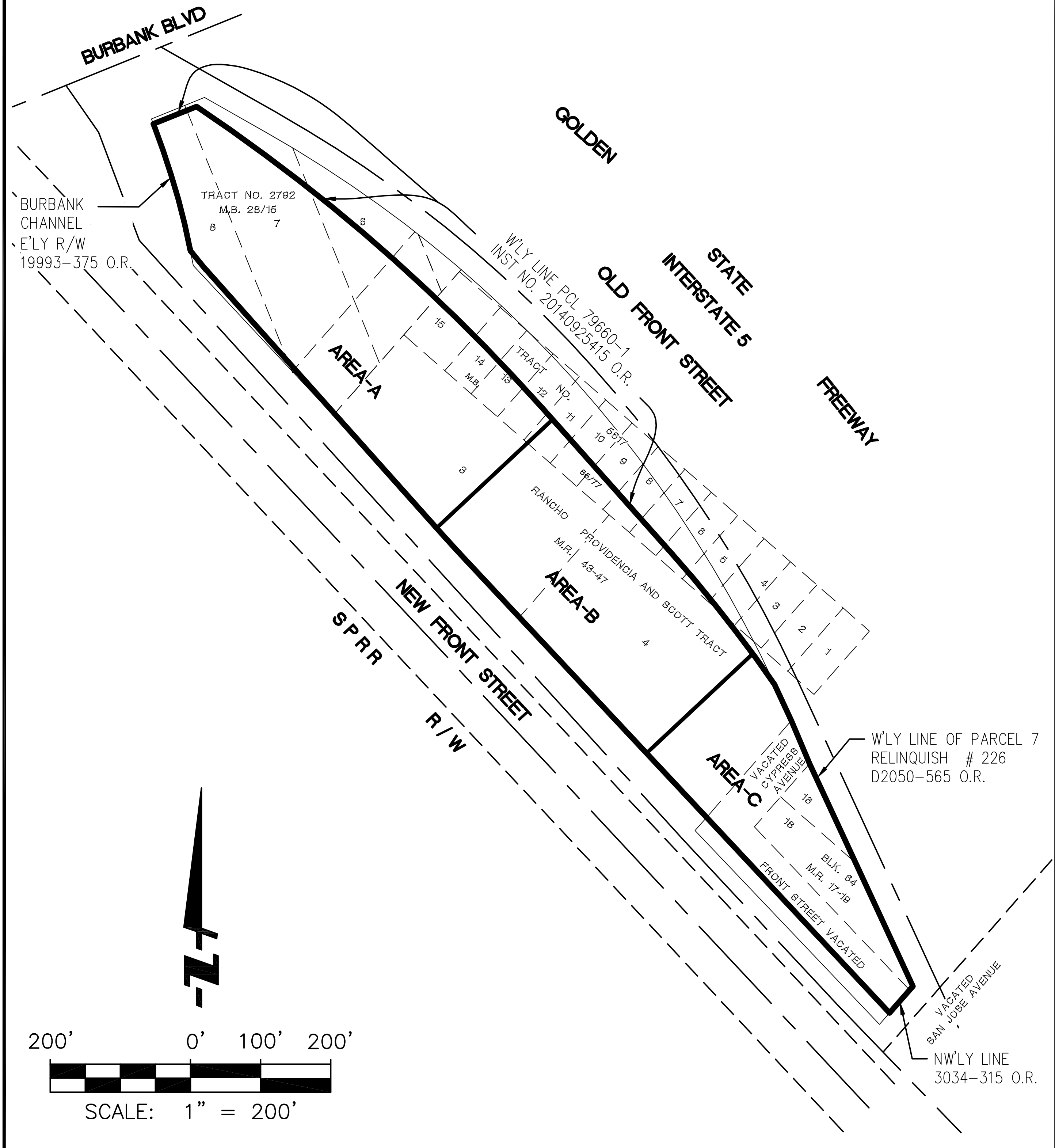

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EXHIBIT 'B'

SKETCH TO ACCOMPANY LEGAL DESCRIPTION

4TERRA DEVELOPMENT

777 N. FRONT STREET

BURBANK, CA

DATE: FEB. 15, 2019
SCALE: AS NOTED
JN: 1319-005
SHEET 1 OF 4

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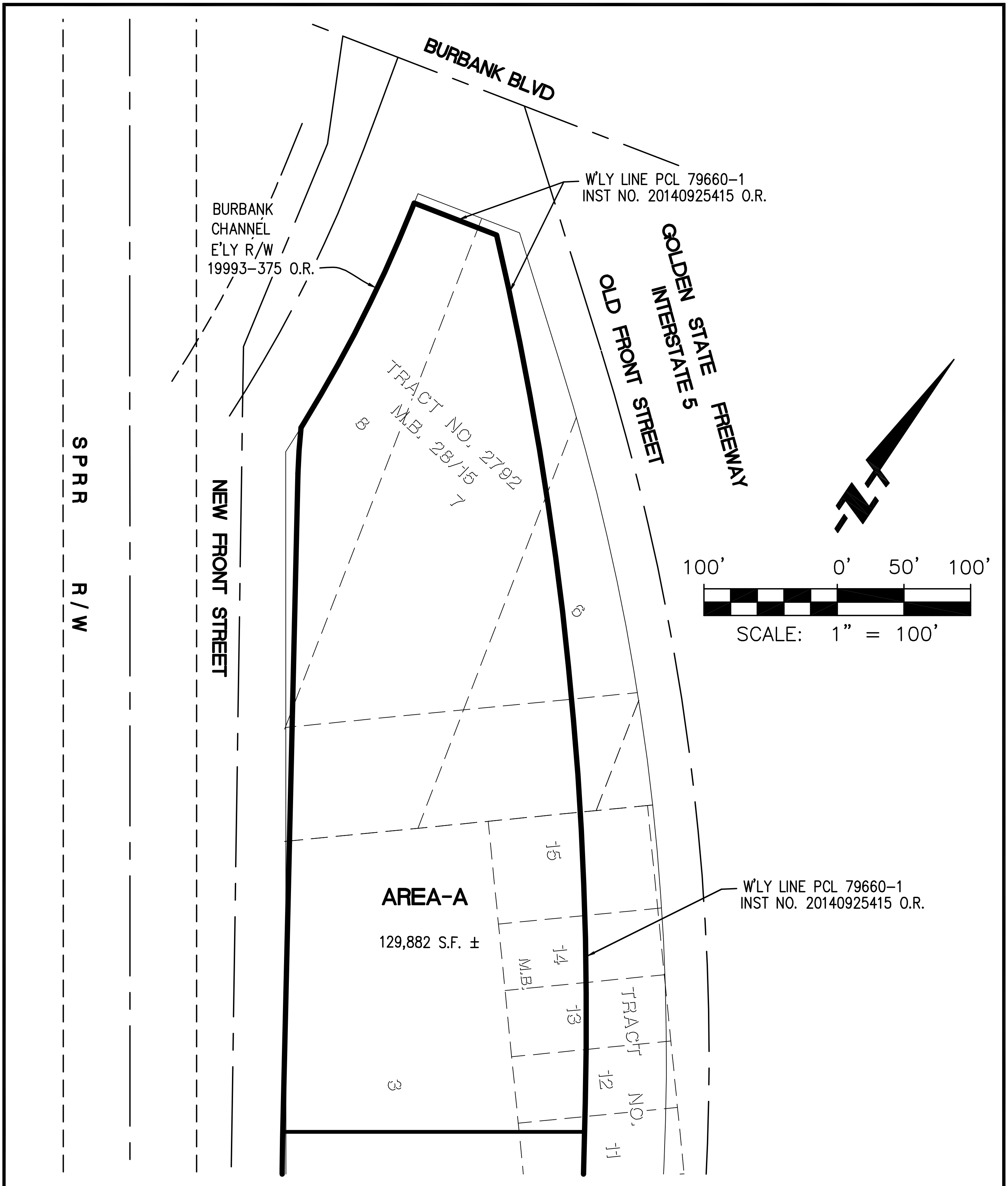

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EXHIBIT 'B'

SKETCH TO ACCOMPANY LEGAL DESCRIPTION

4TERRA DEVELOPMENT

777 N. FRONT STREET

BURBANK, CA

DATE: FEB. 15, 2019
SCALE: AS NOTED
JN: 1319-005
SHEET 2 OF 4

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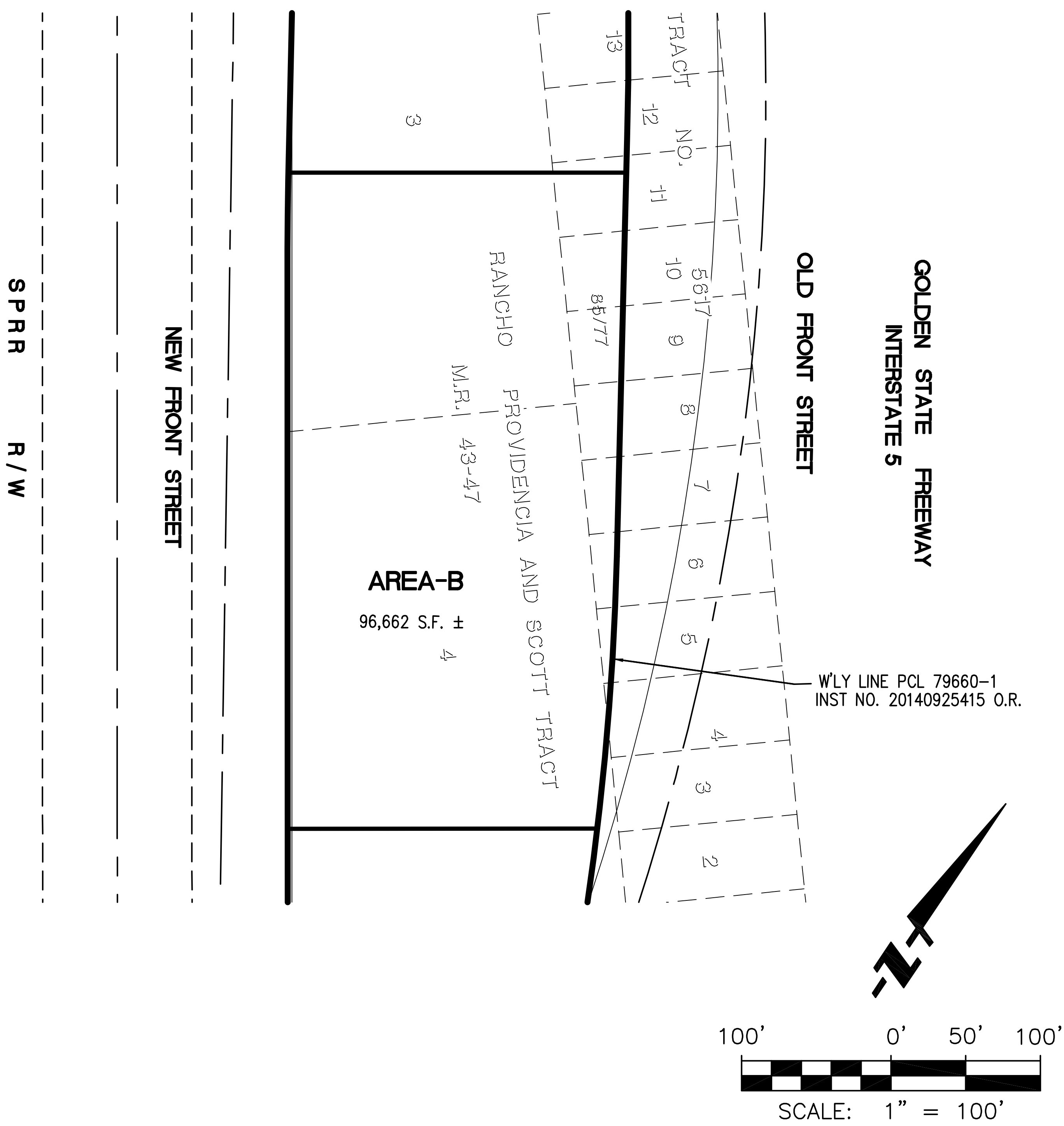

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EXHIBIT 'B'

SKETCH TO ACCOMPANY LEGAL DESCRIPTION
4TERRA DEVELOPMENT
777 N. FRONT STREET
BURBANK, CA

DATE: FEB. 15, 2019
SCALE: AS NOTED
JN: 1319-005
SHEET 3 OF 4

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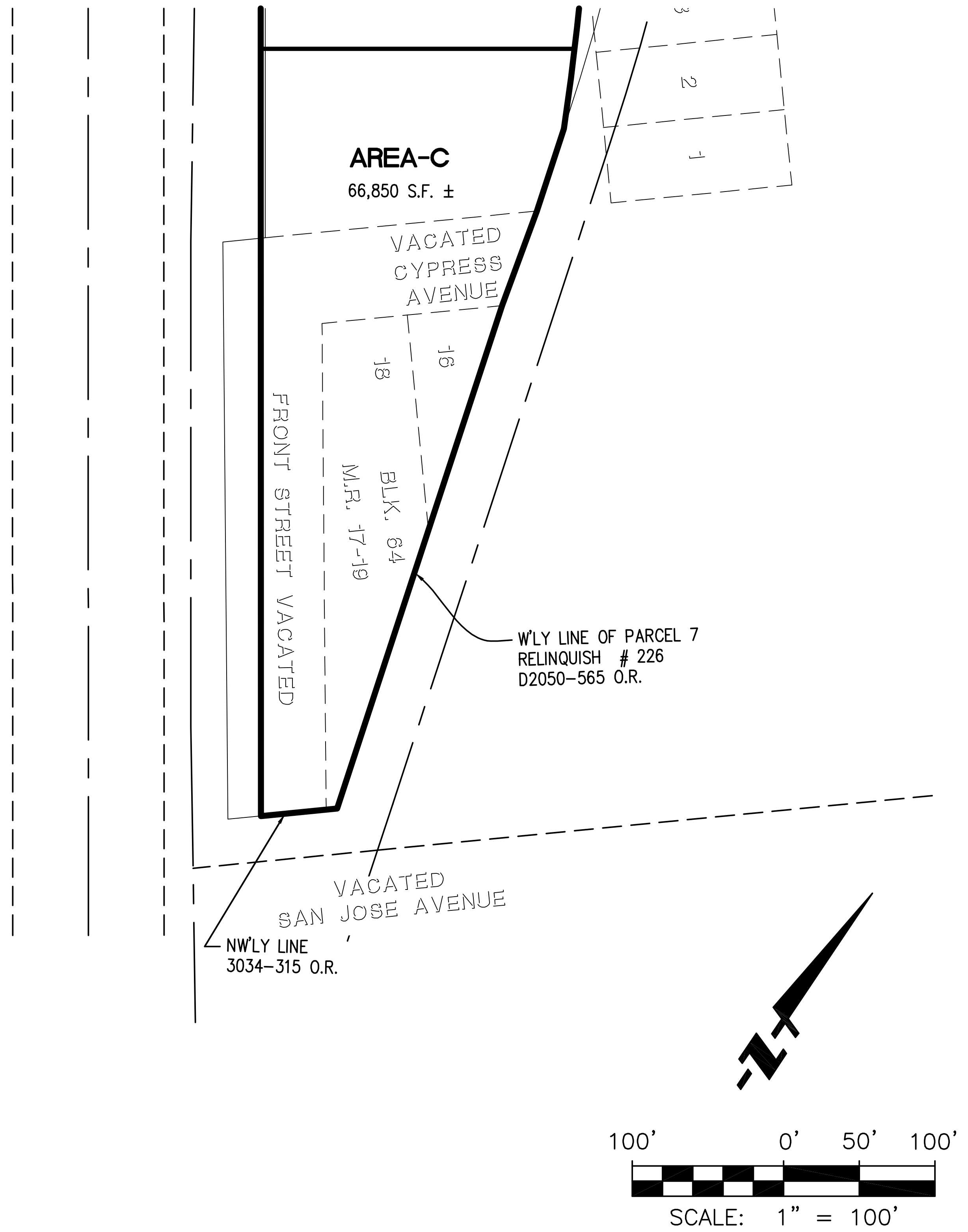

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EXHIBIT 'B'

SKETCH TO ACCOMPANY LEGAL DESCRIPTION

4TERRA DEVELOPMENT

777 N. FRONT STREET

BURBANK, CA

DATE: FEB. 15, 2019
SCALE: AS NOTED
JN: 1319-005
SHEET 4 OF 4

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APPENDIX C

Report, Soil Gas Survey and Soil Investigation, Eight-Acre Proposed Mixed Use Development, 777 North Front St., City of Burbank, California, Leighton and Associates, Inc., July 12, 2016

Leighton

REPORT
SOIL GAS SURVEY AND SOIL INVESTIGATION
EIGHT-ACRE PROPOSED MIXED USE DEVELOPMENT
777 NORTH FRONT STREET
CITY OF BURBANK, CALIFORNIA

Prepared For

SJ4 BURBANK, LLC

222 North Sepulveda Boulevard, Suite 2000
El Segundo, California 90245

Project No. 11235.002

July 12, 2016

Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

REPORT
SOIL GAS SURVEY AND SOIL INVESTIGATION
EIGHT-ACRE PROPOSED MIXED USE DEVELOPMENT
777 NORTH FRONT STREET
CITY OF BURBANK, CALIFORNIA

Prepared For

SJ4 BURBANK, LLC

222 North Sepulveda Boulevard, Suite 2000
El Segundo, California 90245

Project No. 11235.002

July 12, 2016

REGISTERED PROFESSIONAL GEOLOGIST
Wallace B. Sconiers, Jr.
No. 9335
Exp. 9/30/17
STATE OF CALIFORNIA

PROFESSIONAL GEOLOGIST
ROBIN J. FERBER
NO. 5756
Exp. 7/31/17
STATE OF CALIFORNIA

Robin J. Ferber, PG (5756)
Principal Geologist

Wallace Sconiers, Jr., PG (9335)
Project Geologist

Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

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Appendix D – Photographs of Selected Continuously-Cored Boring Intervals
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Appendix F – Laboratory Analytical Test Data and Chain of Custody Documents – Soil

Leighton

LIST OF ABBREVIATIONS

1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,1,1-TCA	1,1,1-Trichloroethane
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and total xylenes
California EPA	California Environmental Protection Agency
CAM-17	The 17 metals listed in the California Code of Regulations, Title 22, Article 11
CA WET	California Waste Extraction Test
CCR	California Code of Regulations
CFR	Code of Federal Regulations
CHHSLs	California Human Health Screening Levels
cis-1,2-DCE	cis-1,2-Dichloroethene
DRO	Diesel Range Organics
DTSC	Department of Toxic Substances Control
EPA	Environmental Protection Agency
FLDC	Ford Leasing Development Company
GC/MS	Gas Chromatograph/Mass Spectrometer
HHRA	Human Health Risk Assessment
HSP	Health and Safety Plan
HGC	Hydro Geo Chem, Inc.
ID	Identification
IDW	Investigation-derived wastes
LLC	Limited Liability Company
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
MRL	Laboratory method reporting limit
MSSLs	Maximum Soil Screening Levels
ORO	Oil Range Organics
OSHA	Occupational Safety and Health Administration
PCBs	Polychlorinated biphenyls
PCE	Tetrachloroethene
PG	Professional Geologist
PID	Photoionization Detector
ppm	Parts per million
PQLs	Practical Quantitation Limits

QA/QC	Quality assurance/quality control
RCRA	Resource Conservation and Recovery Act
RSLs	CA EPA Region 9 Regional Screening Levels
STLC	Soluble Threshold Limit Concentration
TCE	Trichloroethene
TCFM	Trichlorofluoromethane
TCLP	Toxicity Characteristic Leaching Procedure
TPH-CC	Total petroleum hydrocarbons, carbon chain
TPH-gasoline	Total petroleum hydrocarbons as gasoline
trans-1,2-DCE	trans-1,2-dichloroethene
TTLC	Total Threshold Limit Concentration
ug/kg	Micrograms per kilogram
ug/L	Micrograms per liter
USA	Underground Service Alert
USCS	Unified Soil Classification System
USTs	Underground storage tanks
VOCs	Volatile organic compounds

1.0 INTRODUCTION

This report presents the results of a soil gas survey and soil investigation conducted on behalf of SJ4 Burbank LLC, a Delaware Limited Liability Company (SJ4) and Manatt, Phelps & Phillips LLP (Manatt) for the approximately 8-acre property located at 777 North Front Street in Burbank, California (the “site” or “subject property”). A Vicinity Map of the site is presented in Figure 1.

The purpose of Leighton’s environmental investigation of the site was to evaluate subsurface soil conditions at the site for the presence of chemicals of potential concern (COPCs) that may be encountered during the planned excavation activities associated with the subsurface parking structures of the redevelopment. Because of the industrial history of the site and previously identified areas where soil has been affected by hazardous substances and/or petroleum products, characterizing subsurface soils prior to excavation is a critical factor in determining the cost for the redevelopment. A site-wide soil gas survey was also performed to evaluate for the presence of volatile organic compounds (VOCs) that may represent a potential vapor intrusion concern for the residential and commercial structures planned at the site.

2.0 BACKGROUND

It is our understanding that SJ4 plans to redevelop the site into a mixed-use residential apartment complex with some ground level retail and a hotel (collectively, "Redevelopment"). Single-level, and some two-level, subterranean parking are currently planned for the residential/commercial complex. We understand a hotel is planned for the northwestern-most portion of the site and will have subgrade parking with initial indications of one parking level.

The subject property is the former location of a water heater manufacturing company known as General Water Heater Company (GWHC) which operated onsite from the 1930s until 1961. Galvanizing and later vulcanizing operations were conducted in a building in the central portion of the site and a building where plating operations were performed was also noted in the same general area. Welding and metal working was performed at multiple areas onsite. Other than conducting galvanizing, vulcanizing, plating, welding, and metalwork in the northwestern portion of their facility (Sanborn maps from 1940s and 1950s), little information is known about the management of hazardous substances and petroleum products conducted by General Water Heater at the site.

Zero Corporation (Zero) which manufactured metal cases and other products operated onsite from approximately 1961 to 1991. Zero's manufacturing operations included aluminum case drawing and washing, aluminum alodining (a metal coating process involving chromium and aluminum), chromate deoxidizing, steel phosphate coating and chromium sealing. The Zero facility was comprised of six buildings and contained paint booths, a water-based paint shop and drying booth, aluminum machining, etching, deoxidizing and cleaning, aluminum vapor degreasing, and grinding. Zero also operated five clarifiers, two unleaded gasoline underground storage tanks (USTs), exterior chemical storage areas, paint storage areas, an oil storage area, an acid storage area, an acid/caustic soda storage area, and an exterior hazardous waste staging area.

Ford Leasing Development Company (FLDC) purchased the site in 1998 from Zero with the intent to redevelop the property as a car dealership. The FLDC redevelopment of the site did not occur. Since Zero's 1991 departure, the site has been dormant other than occasionally being leased for storage and as a filming location for the entertainment industry. The former Zero buildings were demolished with the building slabs left intact in 2004. The site was purchased by Northridge Properties, LLC the current owner, from FLDC in 2005.

2.1 Regional Groundwater Issue

The subject property is located within the eastern portion of the San Fernando Valley Superfund area. The former Zero facility was listed as a potential responsible party (PRP) of this groundwater contamination based on the historical uses described in the section above. The US Environmental Protection Agency, Region 9 (US EPA) has jurisdiction of the regional groundwater contamination in the San Fernando Valley Superfund area, and state agencies, including the Regional Water Quality Control Board-Los Angeles Region (RWQCB) and the Department of Toxic Substances Control (DTSC), are assisting agencies with jurisdiction regarding PRP source investigation and control. The subject property was assigned to RWQCB for that purpose, originally with respect to VOC impacts to the regional groundwater contamination plume. In 1998, the US EPA expanded the regional investigation to include chromium impacts to groundwater. In addition, in 1998, the Site Designation Committee of the California Environmental Protection Agency (Cal/EPA) designated the RWQCB to be the Administering Agency for the subject property under California's Unified Agency Review of Hazardous Materials Release Sites Law. Since that time, the RWQCB has continued as the lead state regulatory agency and a review of the numerous reports provided to us indicates the site has been extensively investigated for soil, soil gas, and groundwater contamination.

In 2000 (effective in 1998), the US EPA entered into an agreement and Covenant Not to Sue (Covenant) with FLDC, the then potential site developer identified as the Settling Respondent. In exchange for the issuance of the Covenant, FLDC paid $150,000 to the US EPA. In general terms, we understand that Northridge Properties, LLC was assigned the benefits of the Covenant when it acquired the subject property in 2005 and that SJ4 is seeking an assignment of the Covenant should they acquire the subject property. However, as further explained below, the RWQCB is currently evaluating the site as part of its investigation of the regional hexavalent chromium (CrVI) contamination in groundwater. The presence of CrVI in soil recently detected at a concentration of 0.41 milligrams per kilogram (mg/kg) at the subject property has resulted in the RWQCB requiring further environmental evaluation of this emergent chemical which has affected groundwater beneath the Burbank area. It is our understanding that Northridge Properties, LLC and their environmental consultant, Geosyntec

Consultants, are in the process of addressing the request by the RWQCB to further investigate CrVI on the subject property, as further explained below.

2.2 Historical Assessment Activities

According to records provided by Northridge Properties, LLC, environmental assessment activities began at the site in 1991 to comply with the RWQCB Well Investigation Program directive regarding the regional groundwater issue described above. Targhee, Inc. (Targhee) completed an initial investigation of the site, collecting several soil samples in areas of concern such as, but not limited to, adjacent to the clarifiers and within the chemical storage areas, hazardous waste storage area, oil storage area, and solvent storage area. Evidence of soil affected by chlorinated VOCs and total petroleum hydrocarbons was discovered by Targhee.

Leighton represented the City of Burbank on the adjacent Hyrail property in 1991. The Hyrail property, which is approximately 2,150 feet long by 50 feet wide, is situated primarily at the westerly edge of the site. Two soil gas surveys were performed by Leighton at the Hyrail property in 1991. Soil gas probes were installed at depths of 10 and 24 feet below ground surface (bgs) and two soil borings were drilled to groundwater (encountered at approximately 110 feet bgs). The predominant chlorinated VOCs detected in groundwater at concentrations exceeding their Maximum Contaminant Levels (MCL) included perchloroethylene (PCE), trichloroethylene (TCE), cis-1,2-dichloroethylene, and 1,1-dichloroethylene (1,1-DCE). It was Leighton's opinion that the VOCs detected in groundwater originated from the subject property (i.e., Zero facility).

Based on Targhee's and Leighton's findings, Hydro Geo Chem, Inc. (HGC) completed a site investigation of the Zero property in 1992 on behalf of Zero and determined that soil and soil gas were contaminated with chlorinated VOCs. Figures prepared by HGC showing the sampling locations and distribution of VOCs in soil gas are included in Appendix A (Appendix A-1 - Hydro Geo Chem, Inc.1992 Figures). HGC completed several additional site investigations in the 1990s assessing the extent of chlorinated VOCs in soil, soil gas, and groundwater at the site. A total of nine groundwater monitoring wells were installed at the site to evaluate the distribution of VOCs in groundwater. Soil gas remediation efforts completed by HGC at the site are described in the next section – Historical Remediation Activities.

In 2005, Golder Associates, Inc. (Golder) was contracted by FLDC to conduct soil sampling adjacent to 12 oil-filled transformers, two capacitor banks, and a former in-ground hydraulic elevator remaining onsite following the demolition of the Zero buildings in 2004. Golder collected soil samples from one boring adjacent to the former in-ground hydraulic elevator and 14 surficial concrete or gravel samples adjacent to the electrical units. Polychlorinated biphenyls (PCBs) were not detected in the soil samples collected adjacent to the former hydraulic elevator and PCBs detected in the concrete and gravel samples did not exceed 12 parts per million (ppm) and were not considered regulated under the Toxic Substance Control Act (TSCA). Golder's subsequent 2006 report documents the removal and excavation of oil-stained concrete transformer pads, the removal of former electrical equipment from the site, and the removal of stained soil from the four former substation locations. Golder's post-excavation soil sampling revealed no detectable PCB concentrations.

In 2009, Caltrans contracted with Ninyo & Moore (N&M) to evaluate the northeasterly portion of the former Zero property with the intent to widen Interstate 5 to accommodate the development of High Occupancy Vehicle (HOV) lanes. This portion of the former Zero property has since been deeded to Caltrans as a permanent easement. N&M collected numerous soil and soil gas samples from the easement area. The results of N&M's investigation revealed there were detectable concentrations of CrVI in the soil which exceed the typical background concentration in the native soils in the San Fernando Valley. It should be noted that N&M included in their report that the former Zero facility received a notice of violation from the City of Burbank Public Works Department in 1975 for discharging wastewater with elevated chromium concentrations. The N&M investigation also indicated that the shallow soil gas results for VOCs, such as PCE, exceeded California Human Health Screening Levels (CHHSLs) for both residential and commercial/industrial settings. Additionally, their report also suggested that subsurface VOC concentrations have rebounded significantly since the site was remediated in 2001. Figures showing the concentrations of PCE detected in soil gas during N&M's investigation are included in Appendix A.

As part of the ongoing evaluation of the San Fernando Superfund case, groundwater supply wells in the San Fernando Basin were identified to have been contaminated with CrVI in 1998. The RWQCB identified 112 initial facilities at which further investigation was required to determine whether CrVI concentrations in soil at these locations indicates a significant past release that may have contributed to the regional contamination. The former Zero property was not included among the initially identified facilities, but in May 2011, a letter from the RWQCB mandated soil investigation at the site based on past use of chromate salts and the findings of the 2009 Caltrans investigation (described above) that identified CrVI in onsite soil.

In their December 2011 Work Plan approval letter regarding the CrVI investigation, the RWQCB indicated that the property owner would also be required to perform soil vapor evaluation of VOCs to assess the extent it may affect human health via shallow soil vapor intrusion into habitable places. Due to the then-current site conditions and the eventual demolition of the remaining concrete slabs and subsurface features, and correspondent soil grading and redevelopment activities, the RWQCB agreed to put the requirement into temporary abeyance pending such redevelopment actions.

In 2012, GeoSyntec Consultants (GeoSyntec) was contracted by Northridge Properties, LLC to further evaluate CrVI in onsite soil to comply with the RWQCB's directive. A total of 5 borings were advanced at the site in the vicinity of the former clarifiers and soil samples were collected from each boring at 5-foot intervals from 5 feet bgs to the maximum investigation depth of 20 feet bgs. GeoSyntec found that CrVI was detected in 4 of the 20 soil samples collected during the investigation at concentrations that did not exceed the residential CHHSSL, which was the risk-based threshold in place at the time. GeoSyntec concluded that the vertical distribution of detections of CrVI in soil were inconsistent with historical releases of CrVI that would have affected groundwater and were not evidence to suggest that historical site activities had contributed to the groundwater basin's regional CrVI contamination. In response to GeoSyntec's report, the RWQCB issued a subsequent order, dated June 3, 2015, indicating that additional investigation is required around boring SS-4 (completed in 2012) located near a former 3-stage clarifier. On October 1, 2015, GeoSyntec submitted a Work Plan to the RWQCB for the completion of one additional boring, SS-4A, to a depth of 40 feet bgs in the area of the former 3-stage clarifier. It is Leighton's understanding that the scope of work outlined in the October 2015 Work Plan has been completed after approval of their Work Plan by RWQCB. We understand the results of their findings will be shared with SJ4 in the future. A figure showing the CrVI concentrations previously detected in soil samples collected at the site during GeoSyntec's investigation is included in Appendix A (Appendix A-4 - GeoSyntec Consultants 2012 Figure).

2.3 Historical Remediation Activities

Two phases of soil remediation for chlorinated VOCs have been conducted by HGC at the site on behalf of Zero, and later for APW North America Inc., after Zero's acquisition in or about 1998. A shallow soil vapor extraction (SVE) system (Phase 1) remediated the top 20 feet of soil within the proposed excavation/redevelopment areas between May 1998 and July 1999. A workplan to remediate VOCs in deeper site soil (Phase 2) was developed in 1996 by HGC. Cleanup progress was monitored using multi-level soil gas monitoring probes. The deeper soil SVE system included air sparging wells and began operation in December 1998 and full-scale operation began in February 1999 and operated until 2001.

On November 28, 2001, the RWQCB reviewed HGC's *Supplemental Site Closure Information* report dated August 23, 2001. The RWQCB indicated that "… *Based on our review of the available information and with provision that the information provided to this agency was accurate and representative site conditions, we have no further requirements for VOCs soil contamination with respect to the San Fernando Valley Cleanup Program at the subject site. The relatively small volume of impacted soil, attenuation of concentrations with depth, and the diminished concentrations of VOCs remaining in soil appear not to pose a present or continuing threat to groundwater quality. Therefore, no further VOC assessment or cleanup of soil is warranted.*" On July 1, 2002, the Regional Board issued a Certificate of Completion for the site pursuant to California Health & Safety Code Section 25264, finding among other things that the site investigation and remediation at the site has been satisfactorily completed and a permanent remedy has been accomplished and that applicable remedial standards and objectives were achieved.

2.4 Ongoing Environmental Concerns

One of the environmental concerns associated with the subject property is that the original slabs from the Zero facility have not been removed from the site and that notwithstanding extensive past studies, there remains significant uncertainty regarding the environmental condition of shallow soils and soil gas beneath the site as they relate to the potential presence of VOCs, CrVI, additional hazardous substances and/or petroleum products. The RWQCB has ordered that a soil vapor intrusion assessment of the site be completed prior to redevelopment and has ordered the Northridge Properties, LLC to investigate the potential presence of the emergent chemical, CrVI. Although groundwater quality may not be threatened by residual VOCs beneath the site, a complete exposure pathway via inhalation of residual VOCs could exist for future site residential and commercial occupants. However, SJ4's planned construction of a subgrade parking structure with adequate ventilation could serve to mitigate the potential for vapor intrusion by VOCs into future residential and commercial areas. Furthermore, the potential presence of residual contamination in soil could represent a significant cost concern for SJ4 when soil excavation commences during site redevelopment if disposal at a permitted facility is required and the risks associated with residual contamination remaining on-site from unexcavated soils will need to be assessed.

2.5 Leighton Observation of Site Conditions

Leighton conducted an initial site visit of the subject property on February 2, 2016 to observe existing conditions. The subject property is currently undeveloped with the exception of the building slabs that were associated with the former Zero manufacturing facility as well as possibly, the General Water Heater facility. Multiple features observed on the building slabs included concrete-filled former clarifiers, concrete-filled service trenches, metal forms of unknown purpose, concrete-patched exploratory boring locations and groundwater monitoring/vapor extraction wells, structural metal supports cut on-grade, and areas where a vapor extraction system (VES) was utilized to remove VOCs from soil at the site.

3.0 PURPOSE

Based on SJ4's planned redevelopment activities, the purpose of Leighton's environmental investigation of the site is two-fold:

Evaluate Soil Planned for Excavation - Evaluate subsurface soil conditions at the site for the presence of chemicals of potential concern (COPCs) that may be encountered during the planned excavation activities associated with the subsurface parking structures of the redevelopment. Subsurface soil in areas where single-level subterranean parking is planned will likely have to be excavated to a depth of approximately 12 to 15 feet below grade. In addition, in the area where two-level subterranean parking is planned, soil will have to be excavated to a depth of approximately 22 to 25 feet below grade. Because of the industrial history of the site and previously identified areas where soil has been affected by hazardous substances and/or petroleum products, characterizing subsurface soils prior to excavation is a critical factor in determining the cost for the redevelopment.

Evaluate Potential for Vapor Intrusion into Future Structures – To evaluate for the presence of VOCs that may represent a potential vapor intrusion concern for the residential and commercial structures planned at the site, a soil gas survey was performed throughout the subject property. The soil gas probes were installed at the bottom of each soil boring and located approximately 5 feet beneath the parking garage slab and/or building footprint. In a December 20, 2011 letter, the RWQCB required that an additional soil vapor evaluation (i.e., soil gas survey) be performed to evaluate the potential effect on human health via shallow soil vapor intrusion into habitable spaces. (This requirement was held in abeyance by the RWQCB pending commencement of redevelopment activities.) The results of the soil gas survey will be integrated into a site-specific human health risk assessment (HHRA) to assess the health risk to future residents/occupants of the site and if needed, to estimate the cost to develop and install a proper mitigation system, if needed. The soil gas survey was performed in general accordance with the July 2015 Advisory, Active Soil Gas Investigations, which was jointly developed by the California-EPA, Department of Toxic Substances Control's (DTSC's), Los Angeles Regional Water Quality Control Board, and the San Francisco Regional Water Quality Control Board.

4.0 INVESTIGATIVE METHODOLOGY

The investigative methods for the site investigation included, and were limited to, the following tasks:

4.1 Task 1 – Pre-Field Activities

The following tasks were performed prior to initiating field activities:

- **Notified Underground Services Alert** - Marked the proposed soil and soil gas probe locations and notified Underground Services Alert (USA) of Southern California (a.k.a. DigAlert) at the site to mark the location of public utilities entering the site. The location of each proposed boring was clearly marked in either white paint or with a lumber crayon. Leighton notified USA at least two (2) full working days prior to initiating the drilling activities. An oil pipeline operated by Mobil Oil crosses the southern portion of the site and was marked by Mobil Oil. In addition, on the first day of drilling (May 4, 2016), a representative from Mobil Oil entered the site and specifically identified the location of their pipeline and requested that no borings be drilled within 20 feet of the pipeline. Leighton complied with Mobil's request.

- **Private Utility Survey** - A Leighton CA Professional Geologist met onsite on May 3, 2016 with Spectrum Geophysics, a private utility locator subcontractor to evaluate for the presence of private subsurface utilities, as well as, unknown underground obstructions/features that may be encountered at the proposed boring locations.

- **Preparation of a Site-Specific Health and Safety Plan** - In accordance with standard environmental practices, Leighton prepared a site-specific Health and Safety Plan (HSP) describing safety aspects of the work to be performed at the subject site by Leighton. The HSP was prepared in compliance with the Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response (Hazwoper) and 8 California Code of Regulations (CCR) 5192. All onsite Leighton personnel reviewed and signed the HSP acknowledging acceptance prior to initiation of fieldwork. Drilling subcontractors at the site had their own HSP and attended Leighton's tail gate meetings each day discussing the scope of work and safety measures at the site prior to drilling. The drilling subcontractor signed Leighton's HSP to acknowledge they attended the tailgate meeting.

4.2 Task 2 – Soil Investigation and Soil Gas Survey

Soil Gas and Soil Sampling Locations - As noted on Figure 2, Leighton monitored the advancement of 36 soil borings. Due to drilling refusal, Boring A5 was moved about 4 feet to the southwest and drilled as boring A5B. Borings were advanced using direct-push technology by InterPhase Environmental (Los Angeles, CA). The borings were drilled at 28 unbiased, grid-based sampling locations at the site. The grid-based locations have sampling points based on a 100 foot x 100 foot grid network and are meant to evaluate the overall distribution of VOCs in soil gas and VOCs, metals, and total petroleum hydrocarbons in soil throughout the site. In addition to the grid-based sampling locations, an additional eight biased boring locations were installed to investigate areas where VOCs or other hazardous substances were historically detected during prior investigations at the site.

Soil gas probes were installed at the bottom of each of the 36 boring locations. The installation depth of the soil gas probes varied and was dependent on the depth of the proposed subterranean parking slabs and/or building foundations. In accordance with the DTSC guidance, the soil gas probes were installed in soil types that appeared the most permeable and conducive to the collection of soil gas. Therefore, at the discretion of the field geologist, the installation of some of the probes was shallower (e.g., 17.5 feet versus 20.5 feet) due to the predominance of clay which was observed in some of the borings at their total depth. In boring location LB1 and due to uncertainty regarding the clay content at 20.5 feet bgs, two soil gas probes were installed with one at a depth of 15 feet bgs and the other at 20.5 feet bgs. Table 1 provides summary information regarding each of the borings and includes the boring ID number, date of sampling, soil sampling depths, boring location, rationale for sampling, and the installation depth for the soil gas probes. The depths of the soil sample intervals differ in the northwest portion of the site, within former Buildings 11 through 13 footprints, because this area is approximately 3.5 feet higher in elevation than the adjoining Building 14 area. Therefore, a soil sample collected from a depth of 1 foot bgs from the Building 14 footprint area would correlate to a depth of approximately 4.5 feet bgs in borings drilled to the northwest of Building 14.

Figure 2 shows the proposed soil/soil gas boring locations. The total depth of the five grid-based borings drilled in the former Building 14 footprint area (borings A-12, B-12, A-13, B-13, and B-14) was 17 feet bgs, which is approximately 5 feet below the anticipated 12 foot bgs base of the subterranean parking garage. Grid-based boring B-15, which is located in the southeastern-most portion of the former Building 14 footprint area, was drilled to a total depth of 5 feet bgs because it is located in a future park or landscaped area. The total depth of the four grid-based borings (i.e., borings A-9, A-10, B-9, B-10) drilled in the area of the two-level subterranean garages is approximately 30.5 feet bgs, which is approximately 5 feet below the anticipated 25.5 feet bgs base of the parking garage. With the remaining 18 grid-based borings (i.e., borings A-1, A-2, A-3, A-4, A-5, A-6, A-7, A-8, B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-8, A-11, and B-11) northwest of the Building 14 footprint, the total depth of the borings was 20.5 feet bgs which is approximately 5 feet below the anticipated 15.5 feet bgs base of the single-level parking garage. For the biased soil gas probes, probes LB1 through LB5 were installed at a depth of 20.5 feet bgs and probes LB6 through LB8 were installed at a depth of 17 feet bgs.

At each of the boring locations, soil samples were collected at a depth of 1 foot below grade and at approximate 5-foot intervals afterwards to the total depth the boring. The soil sampling depths collected at each soil boring are also summarized in Table 1. Duplicate soil and soil gas samples were collected and submitted for analysis for each 20 samples that were collected. The duplicates are designated with either “D” (for soil samples) or “REP” (for soil gas samples) on the chain of custody and in the final laboratory report.

Drilling refusal, due to the presence of cobbles, gravels or generally coarse fill material was encountered directly beneath the slab when shallow hand augering was attempted to clear borings for potential utilities. To address the drilling refusal issue, all soil sampling was conducted using direct-push drilling technology and hand augering was discontinued. No utilities or subsurface structures were encountered during drilling.

For boring A5, drilling refusal was encountered at a depth of approximately 10 feet bgs. In accordance with our work plan, the field geologist modified the drilling location and relocated it to a distance approximately 4 feet to the southwest of boring location A5. The boring was re-designated as boring A5B and no drilling refusal was encountered during the advancement of this boring. Drilling refusal was not encountered in any of the other borings.

Soil cuttings were monitored for VOCs using a properly calibrated photoionization detector (PID). To observe for physical evidence of potential hazardous substance and/or petroleum product contamination (e.g., PID response, discoloration, unusual odors, if observed), the soil in the boreholes was continually cored so that the cored intervals could be observed and logged. As noted above and on Table 1, prior to installing the soil gas probes, some vertical adjustments were made so that the probes were installed into the most permeable intervals (as required in the DTSC Advisory, July 2015). For the vapor probes installed at locations B6 and B7, the laboratory field technician was not able to obtain a soil gas sample because it appeared the probes had been installed in clay-rich soil with insufficient permeability to allow for the collection of a sample.

Soils observed during drilling were classified in accordance with the Unified Soil Classification System (USCS). A log of boring was prepared in the field for each soil boring.

<u>Soil Gas Probe Design and Sampling Procedures</u> - Soil gas probes were installed at the total depth of the boring in accordance with the DTSC's Advisory, Active Soil Gas Investigations, dated July 2015. A diagram of the soil gas probe design, obtained from the DTSC Advisory, is present in Appendix B. The soil gas probes consisted of inert ¼-inch Nylaflow tubing fitted with a porous airstone at the terminus, which was set within one foot of sand pack, one foot of dry bentonite above, followed by hydrated bentonite. The bentonite was hydrated at the surface in a container and then slowly poured or pumped into the borehole. For the probes installed at depths deeper than 15 feet, a tremie pipe was used to place the hydrated bentonite. The surface end of the probes was fitted with a gas-tight Luer-lock to prevent infiltration of water or air.

A tracer gas n-pentane, was applied by the laboratory technician with Jones Environmental, Inc. (Jones) (mobile analytical laboratory) to the soil gas probes at each point of connection in which ambient air could enter the sampling system. These points include the top of the sampling probe where the tubing meets the probe connection and the surface bentonite seals. No n-pentane was detected in any of the soil gas samples analyzed by Jones.

At each sampling location, an electric vacuum pump (set to draw 0.200 liters/min of soil gas at a maximum vacuum of 100-inch of water) or dedicated disposable syringe was attached to the probe for purging. In accordance with the July 2015 DTSC Advisory, a default three purge volumes were used by Jones prior to sampling of the soil gas probes. The soil gas sample was collected from the Luer-lock connection into a laboratory-provided, pre-cleaned soil gas 100 milliliter (ml) gas tight glass syringes and analyzed by Jones directly after sampling using their onsite mobile analytical laboratory.

4.3 Task 3 – Analytical Testing

4.3.1 Soil Gas Samples

A mobile analytical laboratory (Jones Environmental Inc., Santa Fe Springs, CA) was onsite on May 6, 2016 for collection and analysis of the soil gas samples. Soil gas samples collected from the probes were immediately injected into the onsite mobile laboratory gas chromatograph/purge and trap system using a pre-cleaned glass syringe. Soil gas samples, including the duplicates, were analyzed for the tracer gas and VOCs by modified EPA Method 8260B with a laboratory reporting limit at or below residential screening level of 1.0 microgram per liter (µg/L) or less.

4.3.2 Soil Samples

Soil samples intended to be analyzed for VOCs were collected using EPA Method 5035 (e.g., using Lock ‘n Load™ 5035 syringes) and analyzed by Jones at their Santa Fe Springs stationary laboratory using EPA Method 8260B. In addition, the soil samples were tested by Jones for Total Petroleum Hydrocarbons-Carbon Chain (TPH-CC; C10 through C28 for diesel and C29-C32 for oil) using EPA Method 8015M. The soil samples were also tested for gasoline range organics and fuel oxygenates by Jones using EPA method 8260B.

Soil samples were also analyzed by Jones Environmental, Inc. for the 17 metals listed in the California Code of Regulations, Title 22, Article 11 (CAM-17 metals). In soil samples where CAM-17 metals were detected at concentrations in excess of 10 times their Soluble Threshold Limit Concentration (STLC), the soil samples were also analyzed using the California Waste Extraction Test (CA WET). After transport under proper chain-of-custody by a courier from Jones, the CA WET analyses were performed by SunStar Laboratories, Inc. (Lake Forest, CA). If the metal chromium was detected at a concentration exceeding 10 times its 5 mg/L STLC (i.e., 50 mg/kg), it was also analyzed for both the CA WET - Total Chromium using EPA Method 6010 and for Hexavalent Chromium using EPA Method 7199.

4.4 Task 4 - Equipment Decontamination Procedures, Backfilling of Borings, and Soil Gas Probe Abandonment

Before and between sample points, reusable soil sampling and drilling equipment were first washed in a 5-gallon bucket filled with tap water and Alconox or a non-phosphate detergent, followed by a tap water rinse, and finally, a distilled water rinse.

Investigation-derived wastes (IDW) including soil cuttings from boreholes, decontamination fluids, and disposable protective clothing and supplies are stored onsite in separate Department of Transportation (DOT) approved 55-gallon drums. Leighton has submitted the soil sample analytical test results to American Integrated Services (AIS) (Wilmington, CA), a licensed waste hauler. Upon review of an estimate for drum disposal by AIS, the drummed materials will be transported offsite for disposal, as appropriate. If additional analytical tests for sample profiling are required by AIS, SJ4 will be notified. Manifests documenting the proper transport and disposal of IDW will be provided in the project report.

Upon completion of sampling, the tubing for all temporary soil gas probes was pulled from the ground, the open hole was filled with cement grout to within 1 foot of the surface grade, and the concrete slab (if present) was patched with a concrete mix.

5.0 INVESTIGATIVE RESULTS

The findings from the soil gas survey and the soil investigation are presented in the following sections.

5.1 Physical Observations

Logs of boring were prepared for each probe location and included USCS soil descriptions, PID measurements for VOCs, presence of soil discoloration and/or unusual odors (if observed), and other physical observations. The logs of boring are presented in Appendix C, and photographs of select cored soil intervals are presented in Appendix D.

Generally, the upper 8.5 feet of soil encountered beneath the slabs across the site consisted of silty sand or sandy silt, and in some instances containing varied amounts of clay. From 8.5 feet bgs to 14.5 feet bgs, silty sand, poorly graded sand, poorly graded sand with gravel, sandy silt, or silt was encountered. Beneath 14.5 feet bgs and where present, clay content generally increased with depth from roughly 17 feet to 20.5 feet bgs. When clay content was not observed in soils between 14.5 feet and 20.5 feet, silt, silty sand, and sandy silt was observed. Four borings were advanced to 30.5 feet bgs (i.e., borings A9, A10, B9, and B10); between 20.5 feet and 30.5 feet bgs, poorly graded sand or silty sand was observed. No groundwater was encountered during drilling activities.

PID measurements for VOCs collected from the soil during drilling and installation of the soil gas probes ranged from 0.0 part per million (ppm) equivalents to 3.5 ppm equivalents. PID measurements did not exceed 0.0 ppm equivalents (i.e., background) in borings B5, B8, B11, B12, B14, B15, LB1, LB2, LB5, and LB6. Unusual odors emanating from soil intervals/cuttings during sample preparation were not noted; however, a PID response of 13.0 ppm equivalents was measured during drilling at A6 between 1.5 feet and 2.5 feet bgs when a solvent-like odor was detected near the borehole. Discolored soils were observed at the following locations and depths:

- In boring A6, dark red-colored soil was encountered in layers at 4.5 feet bgs in the silt interval;

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- In boring A7, dark gray to black-colored soil was encountered in the silt interval at 3.5 feet bgs; and

- In boring B15, dark red-colored soil was encountered in the silty sand interval at 4 feet bgs.

As noted above, drilling refusal was encountered on an unknown subsurface obstruction in boring A5 at 10 feet bgs. A step-out boring location, designated as boring A5B, was advanced approximately 4 feet to the southwest of A5 and was completed to the total depth of 20.5 feet bgs. In accordance with DTSC guidance (Advisory, July 2015) and our workplan, where clay-rich soils were encountered, soil gas probes were installed in more permeable soil intervals either above or below the clay-rich soil horizon in order to collect a complete soil gas sample volume. Table 1 presents the locations and depths of installation of the soil gas probes for each location. Collection of soil gas samples from the probes B1 at 16 feet bgs, B6 at 20.5 feet bgs, and B7 and 20.5 feet bgs was not achieved because of the apparent presence of clay-rich soils at these intervals, preventing the collection of a complete soil gas sample volume. The analytical laboratory report prepared by Jones designated the soil gas probe boring locations where no soil gas sample was possible as “No Flow”.

5.2 Soil Gas Survey

5.2.1 Analytical Test Results for Soil Gas Samples

The laboratory reports and chain-of-custody documentation from the soil gas sample analysis are presented in Appendix E. Table 2 summarizes the analytical test results for the soil gas samples. Targeted Cleanup Levels for Soil Gas utilized by the RWQCB to issue closure in 2002 are depth-specific and are presented in the bottom portions of Table 2. The Targeted Cleanup Levels for Soil Gas were developed to be protective for groundwater.

As noted above and as presented in Table 1, the soil gas samples were collected at multiple depths based on the approximate foundation depth of the subterranean parking structure. Due to the predominance of what was interpreted to be clay-rich soils, we were not able to obtain soil gas samples from probe locations B1, B6, and B7. A total of 37 soil gas samples, including two duplicates, were analyzed for VOCs. Duplicate soil gas samples were collected for A13-17' and B10-30.5' and were designated with as A13-17' REP and B10-30.5' REP.

Multiple VOCs were detected in the soil gas samples and are presented in Table 2. The predominant VOCs (VOCs present in more than 50% of the 37 samples) detected in the soil gas samples included PCE, TCE, 1,1,1-trichloroethane (1,1,1-TCA), dichlorodifluoromethane (DCFM), toluene and total xylenes.

For comparison purposes with prior studies, Leighton prepared colorized iso-concentration maps for PCE, TCE, and 1,1,1-TCA for the shallow soil gas samples. The VOCs detected in the deeper soil gas samples (i.e., A9, A10, B9, B10) that were collected at a depth of 30.5 feet bgs were not integrated into the colorized concentration maps. Therefore, the iso-concentration maps are representative of the VOC concentrations that would be present beneath the slab of the first level of subterranean parking level. It should be emphasized that variation in the soil types as well as soil gas sample depths could affect the concentrations represented on the maps. The concentrations and areal distribution of PCE, TCE, and 1,1,1-TCA in soil gas are summarized below and also depicted in the isoconcentration maps presented in Figure 3, Figure 4, and Figure 5, respectively. The soil gas samples in Figures 3, 4, and 5 were collected at depths ranging from 17.5 feet bgs to 20.5 feet bgs and represent the approximate base of the proposed first level subterranean parking structure. PCE, TCE and 1,1,1-TCA soil gas sampling data from grid locations A9, A10, B9, and B10 was excluded from Figures 3, 4, and 5 because the soil gas samples were collected at 30.5 feet bgs (i.e., from beneath the proposed second level of parking). Similarly, PCE, TCE, and 1,1,1-TCA soil gas data from grid location B15 was excluded because the soil gas sample was collected at a depth of 5 feet bgs (i.e., future green or park area).

5.2.1.1 <u>Distribution of PCE</u>

Figure 3 is an isoconcentration map that presents the PCE concentrations in micrograms per cubic meter (ug/m^3) for shallow soil gas samples that were collected and analyzed at the site on May 6, 2016. PCE was detected in all 37 soil gas samples (including the four deep 30.5 feet bgs) samples at concentrations ranging from 143 ug/m^3 to 10,600,000 ug/m^3 (sample LB3-20’). The Targeted Cleanup Levels for PCE of 55,000 ug/m^3 was established for depths between 20 to 30 feet bgs and was exceeded in nine of 37 soil gas samples. In general, the concentrations of PCE detected suggest that significant rebound has occurred has occurred in the area that was previously remediated by HGC using a Vapor Extraction System (VES). The most elevated PCE concentration in soil gas (sample LB 3-20’ at 10,600,000 ug/m^3) is located in the central portion of the previously remediated VOC plume.

5.2.1.2 Distribution of TCE

Figure 4 shows the distribution of TCE in shallow soil gas samples from across the site. TCE was detected in 36 of 37 soil gas samples (including the four deep 30.5 feet bgs) at concentrations ranging from 17 ug/m^3 to 40,500 ug/m^3 (A7-20.5’). The Targeted Cleanup Levels for TCE of 20,000 ug/m^3 was established for depths between 20 to 30 feet bgs and was exceeded in only 1 of 37 soil gas samples (A7-20.5’). TCE in soil gas is distributed across the site in a similar manner to PCE, though TCE concentrations are generally lower by comparison and have a slightly more southeastern lateral distribution.

5.2.1.3 Distribution of 1,1,1-TCA

Figure 5 shows the distribution of 1,1,1-TCA in shallow soil gas samples from across the site. 1,1,1-TCA was detected in 23 of 37 soil gas samples (including the four deep 30.5 feet bgs) at concentrations ranging from 8.0 ug/m^3 to 6,060 ug/m^3 (sample A13-17’). The most elevated 1,1,1-TCA concentrations in soil gas are primarily distributed in the southeastern-most portion of the site in the area where 1,1,1-TCA was previously remediated by HEC using a VES system. The Targeted Cleanup Level for 1,1,1-TCA of 295,000 ug/m^3 was established for depths between 20 to 30 feet bgs and was not exceeded in any of the 37 soil gas samples.

5.2.1.4 Other VOCs

The following is a list of the remaining VOCs detected in soil gas samples that exceeded their respective detection limits:

- Benzene was detected in 12 of 37 soil gas samples at concentrations ranging from 13.4 ug/m^3 to 124 ug/m^3 (sample B3-17').
- N-Butylbenzene was detected in 3 of 37 soil gas samples at concentrations ranging from 11 ug/m^3 to 24.8 ug/m^3 (sample B9-30.5').
- Chlorobenzene was detected in 1 soil gas sample at 9.0 ug/m^3 (sample A5-20.5').
- Chloroform was detected in 12 of 37 soil gas samples at concentrations ranging from 14.2 ug/m^3 to 121 ug/m^3.
- Dichlorodifluoromethane (DCFM) was detected in 34 of 37 soil gas samples at concentrations ranging from 8.2 ug/m^3 to 3,060 ug/m^3 (sample B8-20.5').
- 1,1-Dichloroethane (1,1-DCA) was detected in 2 of 37 soil gas samples at concentrations ranging from 20.2 ug/m^3 to 21.2 ug/m^3 (sample B9-30.5').
- 1,1-DCE was detected in 12 of 37 soil gas samples at concentrations ranging from 67.2 ug/m^3 to 937 ug/m^3 (sample LB8-17').
- Cis-1,2-DCE was detected in 1 of 37 soil gas samples at a concentration of 21.6 ug/m^3 (sample A7-20.5').
- Ethylbenzene was detected in 13 of 37 soil gas samples at concentrations ranging from 17.8 ug/m^3 to 335 ug/m^3 (sample B-17').
- Freon 113 was detected in 15 of 37 soil gas samples at concentrations ranging from 53.2 ug/m^3 to 390 ug/m^3 (sample B8-20.5').

- 4-isopropyltoluene was detected in 13 of 37 soil gas samples at concentrations ranging from 8.6 ug/m^3 to 4,050 ug/m^3 (sample B3-17).

- N-Propylbenzene was detected in 3 of 37 soil gas samples at concentrations ranging from 16.2 ug/m^3 to 67.6 ug/m^3 (sample B3-17').

- 1,1,1,2-Tetrachloroethane was detected in 6 of 37 soil gas samples at concentrations ranging from 10.6 ug/m^3 to 847 ug/m^3 (sample A5-20.5').

- Toluene was detected in 30 of 37 soil gas samples at concentrations ranging from 9.4 ug/m^3 to 1,290 ug/m^3 (sample B3-17').

- Trichlorofluoromethane (TCFM) was detected in 2 soil of 37 gas samples at concentrations ranging from 10.8 ug/m^3 to 29.4 ug/m^3 (sample A7-20.5').

- 1,2,4-Trimethylbenzene was detected in 13 of 37 soil gas samples at concentrations ranging from 10.6 ug/m^3 to 619 ug/m^3 (sample B3-17').

- 1,3,5-Trimethylbenzene was detected in 6 of 37 soil gas samples at concentrations ranging from 20.4 ug/m^3 to 177 ug/m^3 (sample B3-17').

- Xylenes were detected in 20 of 37 soil gas samples at concentrations ranging from 8.0 ug/m^3 to 1,850 ug/m^3 (sample B3-17').

None of the above-listed other VOCs detected at the site had Targeted Cleanup Levels for Soil Gas that were established with the RWQCB.

5.3 Soil Investigation

As discussed, soil samples were collected at approximately 5 foot intervals starting at a depth of approximately 1 foot below the former building slab. A total of 187 soil samples, of which 9 were duplicates, were collected and analyzed as part of the soil investigation. Discussion related to the analytical test results will describe VOCs, TPH-CC and the CAM-17 metals in consecutive order.

5.3.1 VOCs

VOCs detected in the soil samples included PCE, TCE, 1,1,1-TCA, benzene, cis-1,2-DCE, trans-1,2-DCE, ethylbenzene, and toluene. The laboratory reports and chain-of-custody documentation from the soil sample analyses are presented in Appendix F. Table 3 and Figure 6 summarize the analytical test results for VOCs detected in the soil samples. A summary of the results is provided below.

- PCE was detected in 120 of 187 soil samples at concentrations ranging from 1.0 ug/kg to 3,330 ug/kg (sample B4-1'). PCE was the predominant VOC detected in soil samples throughout the site. Eleven of the 120 PCE detections exceeded multiple HGC *Phase 2 Targeted Soil Cleanup Levels* (06/26/2000) established for PCE in soil at varying depths ranging from 1 foot bgs to 20.5 feet bgs. Two of the soil samples collected from 20.5 feet bgs (samples A5B-20.5' and B4-20.5') contained PCE in soil exceeding the 48 ug.kg *HGC Phase 2 Targeted Soil Cleanup Level* established for that depth interval.

- TCE was detected in 19 of 187 soil samples at concentrations ranging from 1.0 ug/kg to 4,800 ug/kg (sample A7-3.5'). After PCE, TCE was the second most prevalent VOC detected in soil. Two of the 19 PCE detections exceeded the 78 ug/kg HGC *Phase 2 Targeted Soil Cleanup Level* established for TCE in soil at depths ranging from 1 foot bgs to 10 feet bgs.

- 1,1,1-TCA was detected in two of 187 soil samples at concentrations ranging from 4.1 ug/kg (sample LB*-5') to 20.9 ug/kg (sample LB8-1'). None of the two 1,1,1-TCA detections exceeded the 3,112 ug/kg HGC *Phase 2 Targeted Soil Cleanup Level* established for 1,1,1-TCA in soil at depths ranging from 1 foot bgs to 10 feet bgs.

- Benzene was detected in 2 of 187 soil samples at concentrations ranging from 1.7 micrograms per kilogram (ug/kg) to 4.3 ug/kg (soil sample B8-1'). There is no *Phase 2 Targeted Soil Cleanup Level* established for benzene.Cis-1,2-DCE was detected in 1 of 187 soil samples at a concentration of 5.0 ug/kg (sample B4-1). There is no *Phase 2 Targeted Soil Cleanup Level* established for cis-1,2-DCE.

- Trans-1,2-DCE was detected in 1 of 187 soil samples at a concentration of 2.3 ug/kg (sample B4-1). There is no *Phase 2 Targeted Soil Cleanup Level* established for trans-1,2-DCE.

- Ethylbenzene was detected in 1 of 187 soil samples at a concentration of 3.0 ug/kg (sample B15-5'). There is no *Phase 2 Targeted Soil Cleanup Level* established for ethylbenzene.

- Toluene was detected in 1 of 187 soil samples at a concentration of 1.8 ug/kg (sample B15-5'). There is no *Phase 2 Targeted Soil Cleanup Level* established for toluene.

VOCs that were not listed above were not detected above their respective laboratory Practical Quantitation Limits (PQLs). In addition, no gasoline range organics or fuel oxygenates were detected in any of the 187 soil samples.

5.3.2 TPH Carbon Chain

All 187 soil samples were analyzed for TPH Carbon Chain (TPH-CC) which included Diesel Range Organics (DRO) and Oil Range Organics (ORO). The laboratory reports and chain-of-custody documentation from the soil sample analyses are presented in Appendix F. Table 4 summarizes the analytical test results for TPH-CC detections in the soil samples. As can be discerned upon review of Table 4, a total of five soil samples were affected by DRO and/or ORO.

DRO were detected in 5 of 187 soil samples at concentrations ranging from 21.8 mg/kg to 241 mg/kg (soil sample A5B-1'). Four of the five soil samples where DRO was detected were collected from a depth of 1 foot bgs and the other was at 3.5 feet bgs.

ORO were detected in 4 of the 187 soil samples at concentrations ranging from 42.1 mg/kg to 356 mg/kg (sample LB6-1'). ORO were detected in four of the five soil samples where DRO were detected.

5.3.3 CAM-17 Metals

All 187 soil samples were analyzed for CAM-17 Metals. The laboratory reports and chain-of-custody documentation from the soil sample analyses are presented in Appendix F. Table 5 summarizes the analytical test results for CAM-17 Metals in the soil samples. As discussed, since most of the soil beneath the site will be excavated to allow for the construction of the subterranean parking structure, the primary purpose of the analytical testing was to evaluate the classification of the soil prior to its off-site transport and disposal and to estimate the resulting costs.

Metals Exceeding the CA TTLC:

Soil samples that exceeded their California Total Threshold Limit Concentration (TTLC) require management as a California hazardous waste and are designated with a superscript 2 (e.g., $6{,}060^2$ for soil sample A5B-1') in Table 5. The TTLC for each CAM-17 Metal is listed on the last page of Table 5. The metals which had concentrations exceeding their TTLC are also summarized below:

Total Lead - Soil sample A7-3.5' contained 1,110 mg/kg total lead which exceeds its TTLC of 1,000 mg/kg.

Copper - Soil sample A7-3.5' contain 6,740 mg/kg copper which exceeds its TTLC of 2,500 mg/kg.

Zinc - Soil samples: A5B-1' contained 6,040 mg/kg
A6-4.5'contained 6,260 mg/kg
A6-20.5' contained 6,660 mg/kg
A6-20.5'D contained 7,050 mg/kg
A7-3.5' contained 6,920 mg/kg

The five above-listed soil samples, which include a duplicate soil sample, exceeded the TTLC of 5,000 mg/kg established for zinc and therefore, require management as a California hazardous waste.

Metals Analyzed Using the CA WET and Exceeding Their STLC:

Soil samples were analyzed using the CA WET if their CAM-17 metal concentrations exceeded 10 times their respective CA STLC but were less than their TTLC. After performing CA WET, soil samples containing soluble CAM-17 metals that exceed their respective CA STLC require management as a California hazardous waste. The metal concentrations for soil samples that were analyzed for the CA WET are designated with a superscript 1 in Table 5 (e.g., 1,980[1] for copper for soil sample A3-1'). The information below and on Table 6 summarize the results of CA WET analysis:

Chromium - Five soil samples exceeded 50 mg/kg chromium and were analyzed using the CA WET. None of the five soil samples exceeded the 5.0 mg/L CA STLC established for chromium and therefore are not required to be managed as a California hazardous waste.

Total Lead - Five soil samples exceeded 50 mg/kg total lead and were analyzed using the CA WET. Four of the five soil samples (i.e., A5B-1', A6-4.5, A6-8.5', and A7-8.5') exceeded the 5 mg/L CA STLC established for total lead and therefore, should be managed as California hazardous waste.

Copper - Three soil samples exceeded 250 mg/kg copper and were analyzed using the CA WET. Two of the three soil samples (i.e., A3-1' and A7-8.5') exceeded the 25 mg/L CA STLC established for copper and therefore, should be managed as California hazardous waste.

Zinc - Two soil samples exceeded 2,500 mg/kg zinc and were analyzed using the CA WET. None of the two soil samples exceeded the 250 mg/kg CA STLC established for zinc and therefore, are not required to be managed as a California hazardous waste.

Figure 7 has been prepared to summarize the distribution of metals detected in soil samples collected from the site that exceed California hazardous waste criteria. The lateral area were metal-affected soil potentially exceeds California hazardous waste criteria is approximately 600 feet northwest to southeast by approximately 200 feet southwest to northeast. This area should be considered a rough estimate of the affected areas dimensions and is based on known grid or biased soil sampling locations which did not have metals exceeding California hazardous waste criteria. More localized soil sampling (e.g., stepout soil borings drilled at distances between the 100 foot X 100 foot spacing of the grid samples) conducted in this area in the future will better define the lateral and vertical extent of soils affected by the elevated metals. In general and based on the depth of soil samples that do not contain metals at concentrations requiring management as a California hazardous waste, the estimated volume of soil potentially requiring management as California hazardous waste is roughly 52,500 tons. This rough estimate is based on the area and known depths of metal-affected soil as depicted on Figure 8. This estimate also assumes that the excavation activities for soil requiring management as California hazardous waste will not exceed the depth of the base of the subterranean parking structure foundation. Review the zinc data from boring A7 (Figure 7) reveals that California hazardous waste is present at least to a depth of 20.5 feet bgs which is beneath the proposed subterranean parking garage foundation.

Hexavalent Chromium - In accordance with our work plan, the five soil samples which exceeded 50 mg/kg for total chromium were also analyzed for hexavalent chromium using EPA method 7199. The concentrations of hexavalent chromium detected in the five soil samples are as follows:

Soil Sample ID #	Hexavalent Chromium (mg/kg)
A6-4.5'	1.1
A6-8.5'	2.8
A6-14.5'	1.5
A6-20.5	3.3
B14-1'	0.19

None of the hexavalent chromium detections listed above exceeded the 500 mg/kg TTLC and therefore, based solely on the chromium levels detected, excavated soil from these locations will not require management as California hazardous waste.

5.4 Quality Assurance/Quality Control

To ensure that the extent of affected soil gas and soil present at the site is properly evaluated, quality assurance/quality control (QA/QC) measures were taken by Leighton personnel to produce samples of the highest integrity for submittal to Jones Environmental, Inc. and SunStar Laboratories, Inc. The following measures were employed:

- Stringent procedures for proper soil gas and soil sampling and equipment decontamination;
- Collection and submittal of 10% of all samples as duplicates; and
- Adherence to strict chain-of-custody protocol during storage and transfer of samples to the analytical laboratory.

QA/QC practices conducted by the analytical laboratories used for this project are described in the formal analytical reports presented in Appendix E (soil gas sample analyses) in Appendix F (soil sample analyses).

6.0 CONCLUSIONS

The soil gas survey and soil investigation detailed in this report were performed to evaluate and more fully characterize the presence of hazardous substances and/or petroleum products in the vadose zone at the site.

Soil Gas Survey - The soil gas survey included the collection and analysis of multiple soil gas samples in a grid network and from eight biased locations where VOCs were historically discovered during past environmental investigations. The most elevated concentrations of chlorinated VOCs, primarily PCE, TCE, and 1,1,1-TCA, were detected in areas where Vapor Extraction Systems (VES) were utilized in the 1990s to remediate VOCs beneath the site. The VES remedial activities were performed by Hydro Geo Chem, Inc. on behalf of Zero. On June 30, 2002, the RWQCB issued a Certificate of Completion to APW North America, Inc. (formerly known as Zero Corporation) for the site pursuant to California Health & Safety Code Section 25264, finding among other things that the site investigation and remediation at the site had been satisfactorily completed and a permanent remedy had been accomplished and that applicable remedial standards and objectives were achieved. However, the results of Leighton's May 2016 soil gas investigation revealed that significant rebound by PCE, TCE, and 1,1,1-TCA has occurred in the central and southeastern portions of the site at levels similar to those previously investigated and remediated. Nine of 37 soil gas samples exceeded the Targeted Cleanup Level for Soil Gas for PCE at a depth between 20 to 30 feet bgs. Only 1 of 37 soil gas samples exceeded the Targeted Cleanup Level for Soil for TCE at a depth between 20 to 30 feet bgs. None of the 37 soil gas samples contained 1,1,1-TCA at concentrations exceeding the Targeted Cleanup Level for Soil Gas.

While the soil vapor levels would likely require vapor intrusion mitigation measures, the site improvements proposed by SJ4 include the installation of a single and two-level subterranean parking structure which will underlie the footprint of the residential apartments, hotel, and commercial businesses planned at the site. The subterranean parking structure planned by SJ4 should mitigate the potential for vapor intrusion by VOCs into the occupied areas of the proposed development. The fact that parking structures are required to have ventilation systems to mitigate VOCs emanating from vehicle exhaust could provide a benefit by mitigating the chlorinated VOCs originating from past land uses; however, the performance of a Human Health Risk Assessment (HHRA) would be required to fully evaluate this potential.

Soil Investigation

VOCs - Low concentrations of VOCs were detected in most of the 187 soil samples collected from the site. The primary VOC detected was PCE and to a lesser degree TCE. The concentrations of PCE and TCE detected in the soil samples did not exceed 50 mg/kg and would be acceptable for disposal as nonhazardous waste at a municipal landfill. The most elevated detections of PCE and TCE were limited to soil samples collected shallower than 3.5 feet bgs.

PCE was detected in 120 of 187 soil samples at concentrations ranging from 1.0 ug/kg to 3,330 ug/kg (sample B4-1'). Eleven of the 120 PCE detections exceeded multiple HGC *Phase 2 Targeted Soil Cleanup Levels* established for PCE in soil at varying depths ranging from 1 foot bgs to 20.5 feet bgs.

TCE was detected in 19 of 187 soil samples at concentrations ranging from 1.0 ug/kg to 4,800 ug/kg (sample A7-3.5'). Two of the 19 PCE detections exceeded the 78 ug/kg HGC *Phase 2 Targeted Soil Cleanup Level* established for TCE in soil at depths ranging from 1 foot bgs to 10 feet bgs.`

Soil in some of the boring sampling locations located in the southeastern-most portion of the site (e.g., A11, A12, A13, and B14) did not have detections of VOCs and with the approval of the RWQCB, may be suitable as a source of unrestricted use fill material.

TPH-CC - Low concentrations of TPH diesel range organics (DRO) and oil range organics (ORO) were found in no more than 5 of 187 soil samples. No gasoline range organics or fuel oxygenates were found in any of the soil samples. Based on the low concentrations of TPH-CC detected, soil affected by TPH-CC would be suitable for disposal as nonhazardous waste at a municipal landfill.

CAM-17 Metals - Multiple soil samples collected in the northwest-central portion of the site contained elevated concentrations of total lead, zinc, and copper which when excavated, will require management of the soil as California hazardous waste and possibly federal RCRA waste. Based on the current data set, a rough estimate of approximately 52,000 tons of soil may require disposal as California hazardous waste. This number should be considered conservative; however, the estimate is based on limited data and assumes that no excavation will occur beneath the proposed subterranean parking structure foundation. Further, drilling of step-out soil borings and soil sampling in the future between the 100 foot x 100 foot grid points should result in a reduction is the volume of soil requiring removal as a California hazardous waste. The source of the CAM-17 metals found in the soil requiring management as California hazardous waste is unknown; however, prior tenants including General Water Heater and Zero Corporation both conducted industrial activities involving metals (e.g. plating activities, galvanizing operations, and metal working activities) at the site. The most elevated zinc, lead and copper concentrations were found in the northwest-central portion of the site which generally coincides with the area where the most elevated VOCs were detected in soil gas. Because many of the metal-affected soils are relatively shallow, some regularly spaced potholing and and/or concrete slab removal activities may be beneficial in better delineating the metal-affected soils and potential source areas.

Hexavalent Chromium - Although total chromium was not found in any of the soil samples at concentrations that would require management as a California hazardous waste, hexavalent chromium was found in soil samples collected from one soil boring at levels above the 2012 soil investigation conducted by Northridge Properties, Inc.

7.0 LIMITATIONS/DISCLOSURE

Services were performed in accordance with Leighton Consulting, Inc.'s agreement and understanding with SJ4 Burbank, LLC, and Manatt, Phelps & Phillips LLP and solely for their use and their designated representatives. Opinions and/or recommendations are intended for use by SJ4 Burbank, LLC, and Manatt, Phelps & Phillips LLP and the purpose, site, location, time frame, and project parameters indicated. Leighton and Associates, Inc. is not responsible for subsequent separation, detachment, or partial use of this document. Any reliance on this report by a third party shall be at such party's sole risk.

This report has been prepared exclusively for SJ4 Burbank, LLC, and Manatt, Phelps & Phillips LLP or its assigns. The information contained herein is only valid as of the date of the report. While the work was intended to describe the soil gas and soil investigation performed at the site, SJ4 Burbank, LLC, and Manatt, Phelps & Phillips LLP or its assigns should recognize that this report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the soil gas and soil sampling and laboratory analyses performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein. Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the report is implied within the intent of this report or any subsequent reports, correspondence or consultation, either expressed or implied. Leighton strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered. Should you have any questions related to the information presented in this report, please contact us.

Project: 11235.001	Eng/Geol:RJF	
Scale:1 " = 1,000 '	Date: February 2016	

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

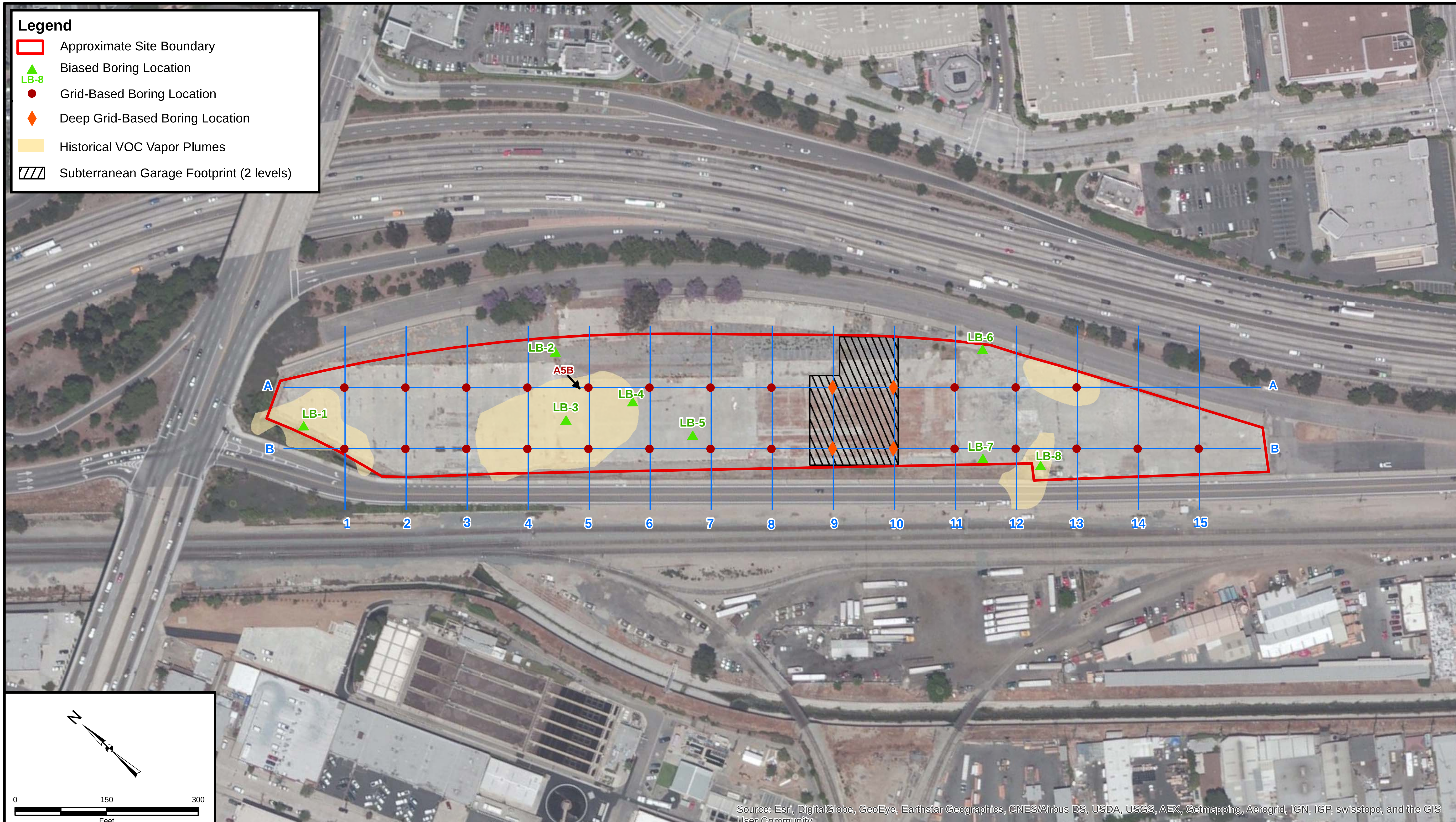
SITE LOCATION MAP

777 North Front Street
Burbank, California

Figure 1

Leighton

Map Saved as V:\Drafting\11235\001\Maps\11235_001_F01_SLM_2016_2_5.mxd on 2/5/2016 12:14:00 PM



Project: 11235.002	Eng/Geol:RJF
Scale:1 " = 150 '	Date: July 2016

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

BORING LOCATION MAP

777 North Front Street
Burbank, California

Figure 2

Leighton

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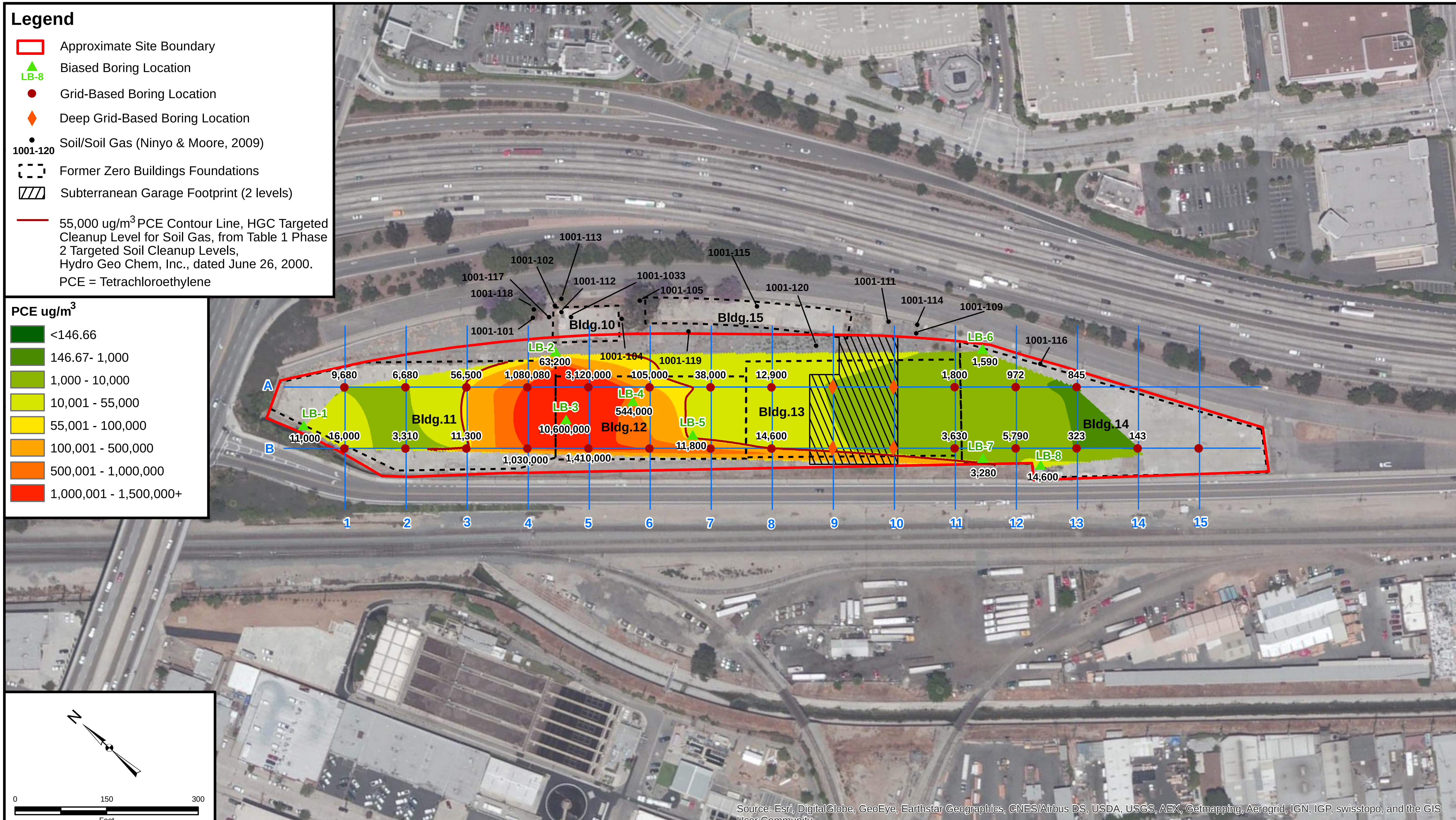

Project: 11235.002	Eng/Geol:RJF
Scale:1 " = 150 '	Date: July 2016

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

PCE Isoconcentration Map for Soil Gas (ug/m^3) - May 6, 2016

Collected from Approximate Depth of Base of Proposed First Level Parking Structure
777 North Front Street
Burbank, California

Figure 3

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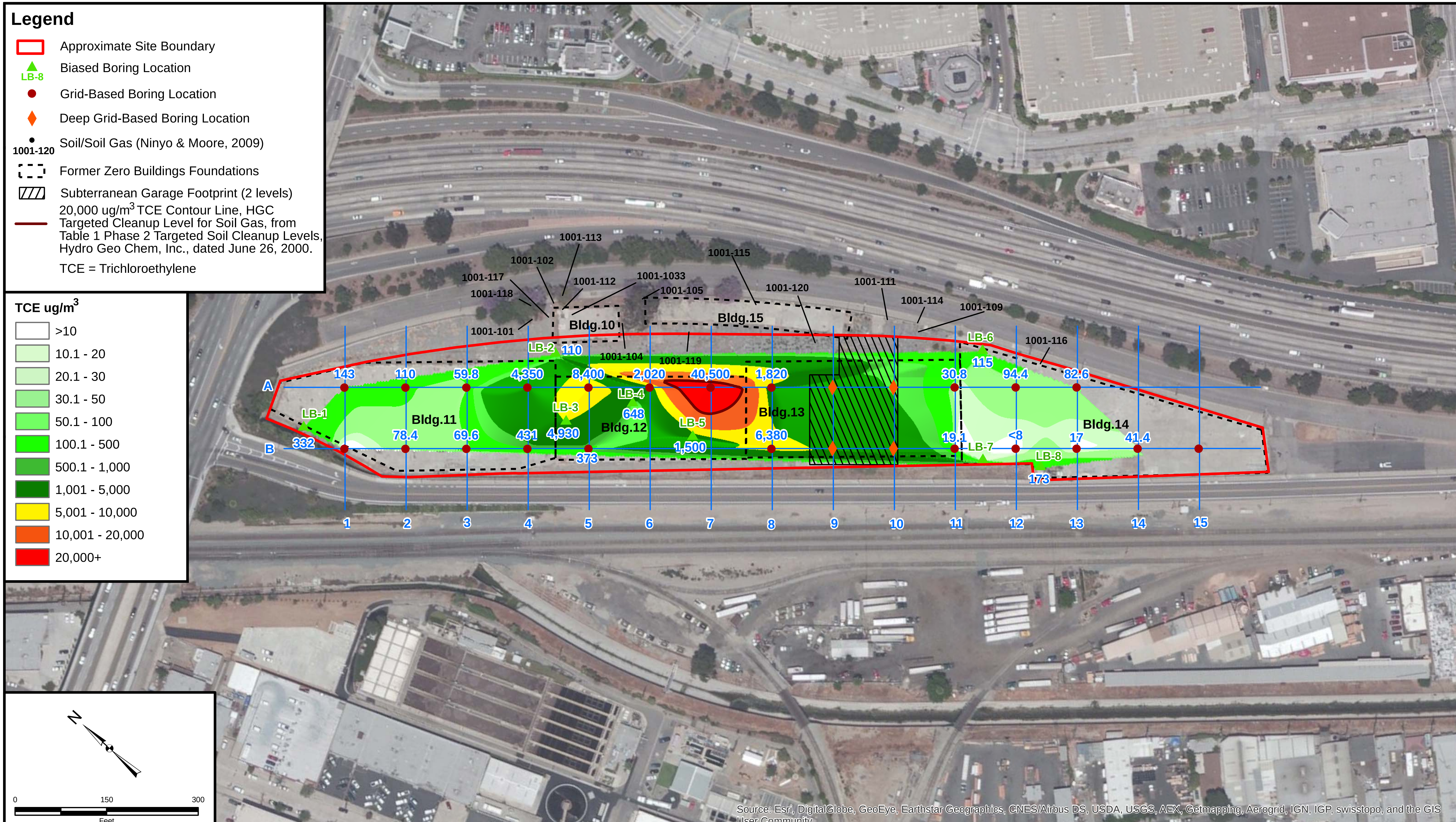

Project: 11235.002	Eng/Geol:RJF
Scale:1 " = 150 '	Date: July 2016

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

TCE Isoconcentration Map for Soil Gas (ug/m^3) - May 6, 2016

Collected from Approximate Depth of Base of Proposed First Level Parking Structure
777 North Front Street
Burbank, California

Figure 4

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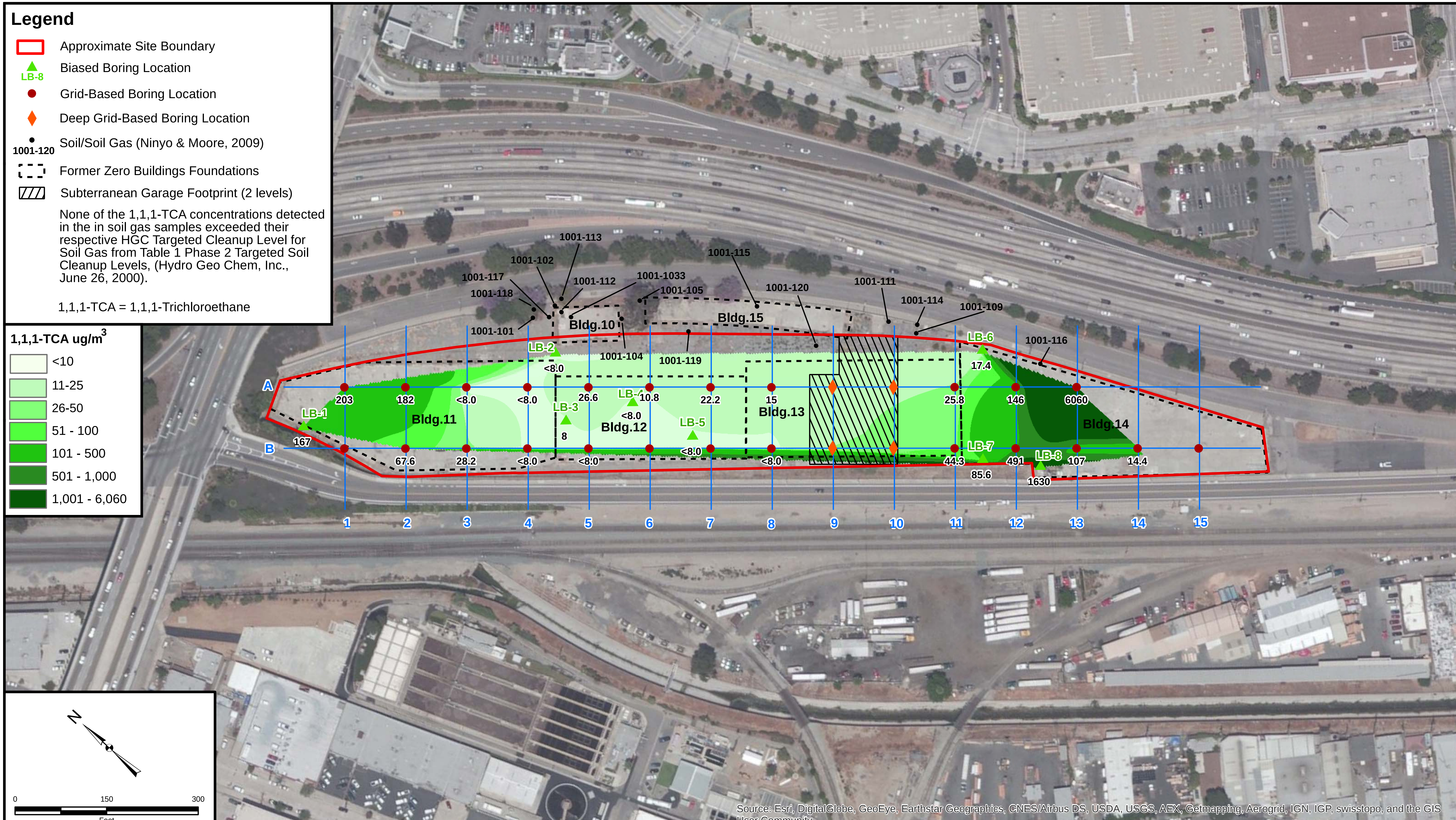
Map Saved as V:\Drafting\11235\002\Maps\11235_002_F02_TCE_2016_07_08.mxd on 7/11/2016 11:15:09 AM



Project: 11235.002	Eng/Geol:RJF
Scale:1 " = 150 '	Date: July 2016

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

1,1,1-TCA Isoconcentration Map for Soil Gas (ug/m^3) - May 6, 2016

Collected from Approximate Depth of Base of Proposed First Level Parking Structure
777 North Front Street
Burbank, California

Figure 5

Leighton

Map Saved as V:\Drafting\11235\002\Maps\11235_002_F05_TCA_2016_07_08.mxd on 7/11/2016 9:41:32 AM

VOCs (ug/kg) Detected in Soil Samples

777 North Front Street

Burbank, California

Figure 6

All concentrations reported in ug/kg.

A4-1' = Grid-based boring location A4, soil sample collection depth depth of 1 foot below ground surface (bgs).

<1.0 = Concentration not detected above laboratory reporting limit

ND = Concentration not detected above laboratory reporting limit

A1

Depth	VOCs
1'	ND
4.5'	ND
8.5'	ND
14.5'	ND
20.5'	ND

A2

Depth	PCE
1'	**8.2**
4.5'	**2.1**
8.5'	< 1.0
14.5'	< 1.0
20.5'	< 1.0

A3

Depth	PCE
1'	**8.9**
4.5'	**10.5**
8.5'	**11.4**
8.5'D	**6.6**
14.5'	**2.0**
20.5'	< 1.0

A4

Depth	PCE	TCE
1'	**2,540**	**11.5**
4.5'	**46.9**	< 1.0
8.5'	**118**	**2.7**
14.5'	**58.7**	< 1.0
20.5'	**6.8**	< 1.0

A5B

Depth	PCE
1'	**253**
4.5'	**39.8**
8.5'	**16**
14.5'	**181**
20.5'	**57.5**

A5

Depth	PCE	TCE
A5-1.25'	**810**	**2.8**
A5-4.5'	**32.2**	< 1.0

LB-2

Depth	PCE	TCE
1'	**28.0**	**1.4**
4.5'	**2.2**	< 1.0
8.5'	**2.2**	< 1.0
14.5'	**5.5**	< 1.0
20.5'	**25.9**	< 1.0

A6

Depth	PCE
6-1'	< 1.0
4.5'	**13.7**
8.5'	**2.0**
14.5'	**16.6**
20.5'	**10.7**
20.5'D	**19.3**

LB-5

Depth	PCE	TCE
LB5-1'	< 1.0	< 1.0
LB5-1D	< 1.0	< 1.0
LB5-4.5'	**21.2**	**5.3**
LB5-8.5'	**3.9**	< 1.0
LB5-14.5'	**1.0**	< 1.0
LB5-20.5'	**2.2**	< 1.0

A7

Depth	PCE	TCE
1'	**22.1**	**64.7**
3.5'	**2,470**	**4,800**
8.5'	**1.4**	**2.6**
14.5'	**2.6**	**3.0**
20.5'	**1.0**	< 1.0

A8

Depth	PCE	TCE
1'	**21.9**	**2.1**
4.5'	**11.4**	< 1.0
8.5'	**1.5**	< 1.0
14.5'	**5.7**	< 1.0
20.5'	**3.1**	< 1.0

A9

Depth	PCE
1'	**4.3**
4.5'	**4.5**
8.5'	< 1.0
14.5'	< 1.0
20.5'	< 1.0
20.5'-D	< 1.0
25.5'	< 1.0
30.5'	< 1.0

A10

Depth	PCE
1'	**6.8**
14.5'	< 1.0
20.5'	< 1.0
25.5'	< 1.0
30.5'	< 1.0

A11

Depth	VOCs
1'	ND
4.5'	ND
8.5'	ND
8.5'D	ND
14.5'	ND
20.5'	ND

LB-6

Depth	PCE
1'	**1.0**
5'	< 1.0
11'	< 1.0
17'	< 1.0

A12

Depth	VOCs
1'	ND
5'	ND
11'	ND
17'	ND

A13

Depth	VOCs
1'	ND
5'	ND
11'	ND
17'	ND

LB-7

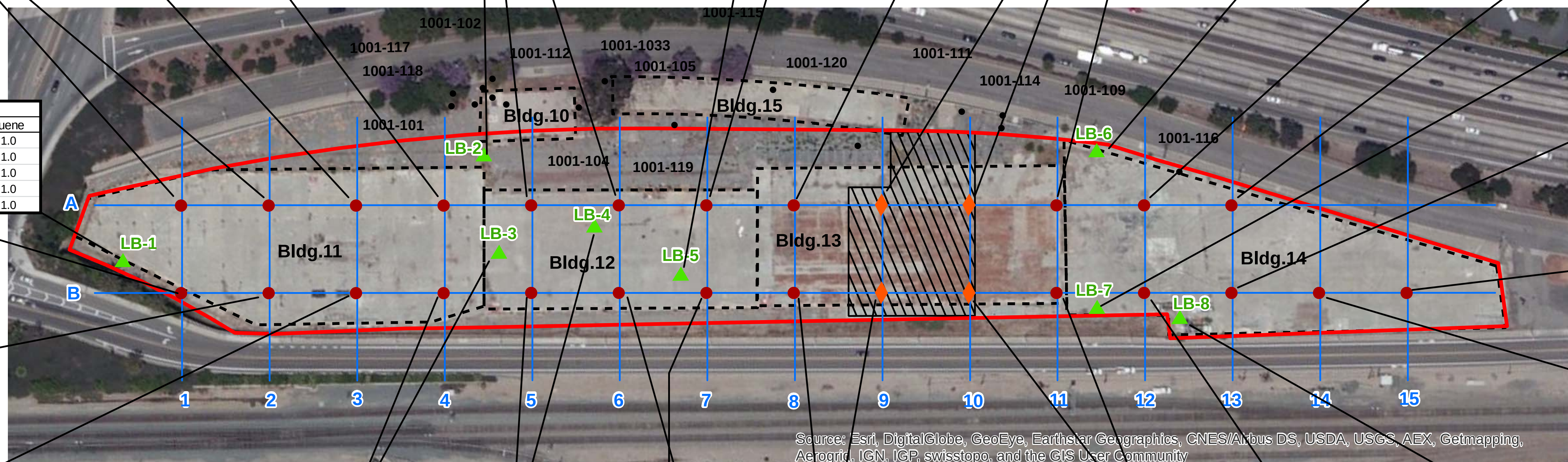
Depth	PCE
1'	**3.5**
5'	< 1.0
11'	**1.0**
17'	< 1.0

LB-1

Depth	Ethylbenzene	PCE	Toluene
1'	< 1.0	**2.9**	< 1.0
4.5'	< 1.0	**1.6**	< 1.0
8.5'	< 1.0	**1.8**	< 1.0
14.5'	< 1.0	< 1.0	< 1.0
20.5'	< 1.0	< 1.0	< 1.0

B13

Depth	PCE
1'	< 1.0
5'	**2.1**
11'	**1.2**
17'	< 1.0



B1

Depth	PCE
1'	< 1.0
4.5'	**27.0**
8.5'	**2.1**
14.5'	**14.8**
20.5'	**5.4**

B2

Depth	PCE
1'	**12.7**
4.5'	**1.7**
8.5'	< 1.0
14.5'	**1.3**
20.5'	**3.3**

B15

Depth	Ethylbenzene	Toluene
1'	< 1.0	< 1.0
4'	< 1.0	< 1.0
5'	**3.0**	**1.8**

B14

Depth	VOCs
1'	ND
5'	ND
11'	ND
17'	ND

B3

Depth	PCE
1'	**21.8**
4.5'	**7.9**
8.5'	**1.2**
14.5'	**6.3**
20.5'	**13.8**

B4

Depth	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE
1'	**3,330**	**153**	**5.0**	**2.3**
4.5'	**24.0**	< 1.0	< 1.0	< 1.0
4.5'D	**21.2**	< 1.0	< 1.0	< 1.0
8.5'	**22.4**	< 1.0	< 1.0	< 1.0
14.5'	**29.3**	< 1.0	< 1.0	< 1.0
20.5'	**54.8**	< 1.0	< 1.0	< 1.0

LB-3

Depth	PCE
1'	**43.9**
1'D	**46.7**
4.5'	**19.6**
8.5'	**8.2**
14.5'	**89.4**
20.5'	**28.2**

LB-4

Depth	PCE
1'	**4.4**
4.5'	**25.6**
8.5'	**5.4**
14.5'	**26.7**
20.5'	**4.3**

B6

Depth	PCE
1'	**28.7**
4.5'	**33.1**
8.5'	**22.1**
14.5'	**9.1**
20.5'	**8.8**

B9

Depth	PCE
1'	**1.8**
4.5'	**2.3**
8.5'	**2.0**
14.5'	**2.1**
20.5'	**2.0**
25.5'	< 1.0
30.5'	< 1.0

B10

Depth	PCE
1'	**2.0**
4.5'	**4.3**
8.5'	**2.8**
14.5'	< 1.0
20.5'	< 1.0
25.5'	**2.2**
30.5'	< 1.0

B11

Depth	PCE
1'	< 1.0
4.5'	**7.3**
8.5'	**2.4**
14.5'	< 1.0
20.5'	< 1.0

B12

Depth	PCE	TCE
1'	**22.8**	**1.6**
5'	**2.4**	< 1.0
5'D	**2.8**	< 1.0
11'	**1.3**	< 1.0
17'	< 1.0	< 1.0

LB-8

Depth	PCE	1,1,1-TCA	TCE
1'	**187**	**20.9**	**1.7**
5'	**21.5**	**4.1**	< 1.0
11'	**3.0**	< 1.0	< 1.0
17'	< 1.0	< 1.0	< 1.0

B5

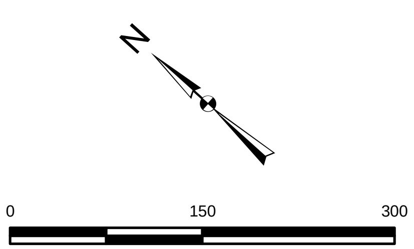
Depth	PCE
1'	**29.6**
4.5'	**148**
8.5'	**161**
14.5'	**25.3**
20.5'	**14.9**

B7

Depth	PCE	TCE	Benzene
1'	**5.8**	**1.6**	**1.7**
4.5'	**22.1**	**13.6**	< 1.0
8.5'	< 1.0	< 1.0	< 1.0
14.5'	**4.5**	< 1.0	< 1.0
20.5'	**1.2**	< 1.0	< 1.0

B8

Depth	PCE	TCE	Benzene
1'	**13.9**	**19.8**	**4.3**
4.5'	**3.3**	**1.0**	< 1.0
8.5'	**5.5**	**1.2**	< 1.0
8.5D	**6.0**	**1.3**	< 1.0
14.5'	< 1.0	< 1.0	< 1.0
20.5'	**1.5**	< 1.0	< 1.0



Legend

- Approximate Site Boundary
- LB-8 Biased Boring Location
- Grid-Based Boring Location
- Deep Grid-Based Boring Location
- 1001-120 Soil/Soil Gas (Ninyo & Moore, 2009)
- Former Zero Buildings Foundations
- Subterranean Garage Footprint (2 levels)

Project: 11235.002	Eng/Geol:RJF
Scale:1 " = 150 '	Date: June 2016

Base Map: ESRI ArcGIS Online 2016

Thematic Information: Leighton

Author: Leighton Geomatics (asakowicz)

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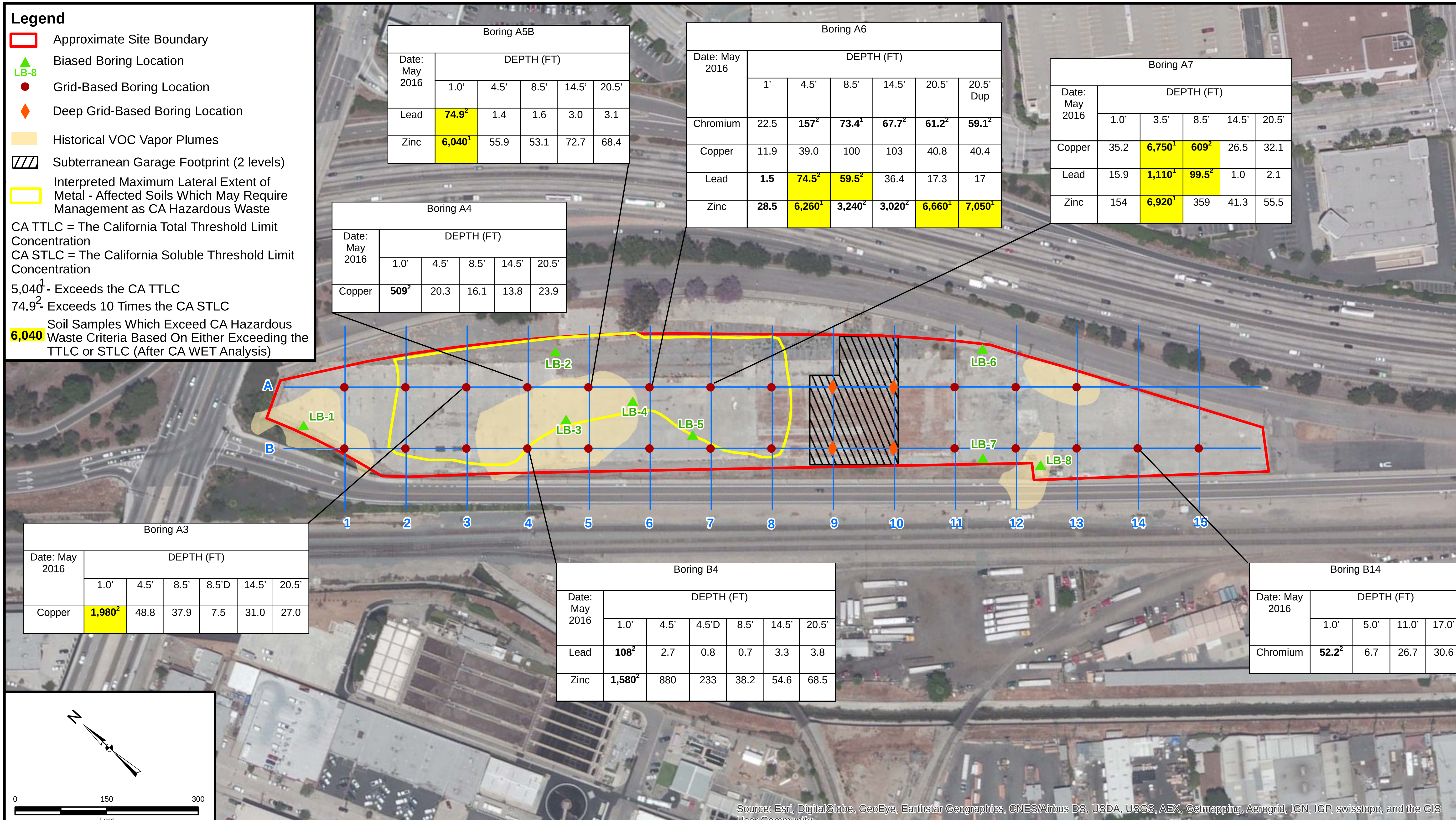

Legend

- Approximate Site Boundary
- LB-8 Biased Boring Location
- Grid-Based Boring Location
- Deep Grid-Based Boring Location
- Historical VOC Vapor Plumes
- Subterranean Garage Footprint (2 levels)
- Interpreted Maximum Lateral Extent of Metal - Affected Soils Which May Require Management as CA Hazardous Waste

CA TTLC = The California Total Threshold Limit Concentration
CA STLC = The California Soluble Threshold Limit Concentration

5,040[1] - Exceeds the CA TTLC
74.9[2] - Exceeds 10 Times the CA STLC
6,040 Soil Samples Which Exceed CA Hazardous Waste Criteria Based On Either Exceeding the TTLC or STLC (After CA WET Analysis)

Boring A5B

Date: May 2016	DEPTH (FT)				
	1.0'	4.5'	8.5'	14.5'	20.5'
Lead	**74.9[2]**	1.4	1.6	3.0	3.1
Zinc	**6,040[1]**	55.9	53.1	72.7	68.4

Boring A6

Date: May 2016	DEPTH (FT)					
	1'	4.5'	8.5'	14.5'	20.5'	20.5' Dup
Chromium	22.5	**157[2]**	**73.4[1]**	**67.7[2]**	**61.2[2]**	**59.1[2]**
Copper	11.9	39.0	100	103	40.8	40.4
Lead	**1.5**	**74.5[2]**	**59.5[2]**	36.4	17.3	17
Zinc	**28.5**	**6,260[1]**	**3,240[2]**	**3,020[2]**	**6,660[1]**	**7,050[1]**

Boring A7

Date: May 2016	DEPTH (FT)				
	1.0'	3.5'	8.5'	14.5'	20.5'
Copper	35.2	**6,750[1]**	**609[2]**	26.5	32.1
Lead	15.9	**1,110[1]**	**99.5[2]**	1.0	2.1
Zinc	154	**6,920[1]**	359	41.3	55.5

Boring A4

Date: May 2016	DEPTH (FT)				
	1.0'	4.5'	8.5'	14.5'	20.5'
Copper	**509[2]**	20.3	16.1	13.8	23.9

Boring A3

Date: May 2016	DEPTH (FT)					
	1.0'	4.5'	8.5'	8.5'D	14.5'	20.5'
Copper	**1,980[2]**	48.8	37.9	7.5	31.0	27.0

Boring B4

Date: May 2016	DEPTH (FT)					
	1.0'	4.5'	4.5'D	8.5'	14.5'	20.5'
Lead	**108[2]**	2.7	0.8	0.7	3.3	3.8
Zinc	**1,580[2]**	880	233	38.2	54.6	68.5

Boring B14

Date: May 2016	DEPTH (FT)			
	1.0'	5.0'	11.0'	17.0'
Chromium	**52.2[2]**	6.7	26.7	30.6

Project: 11235.002	Eng/Geol:RJF
Scale:1 " = 150 '	Date: June 2016

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

CAM-17 METALS IN MG/KG EXCEEDING CA TTLC[1] OR 10 TIMES GREATER THAN CA STLC[2]

SJ4 Burbank, LLC Site
777 North Front Street, Burbank, CA

Figure 7

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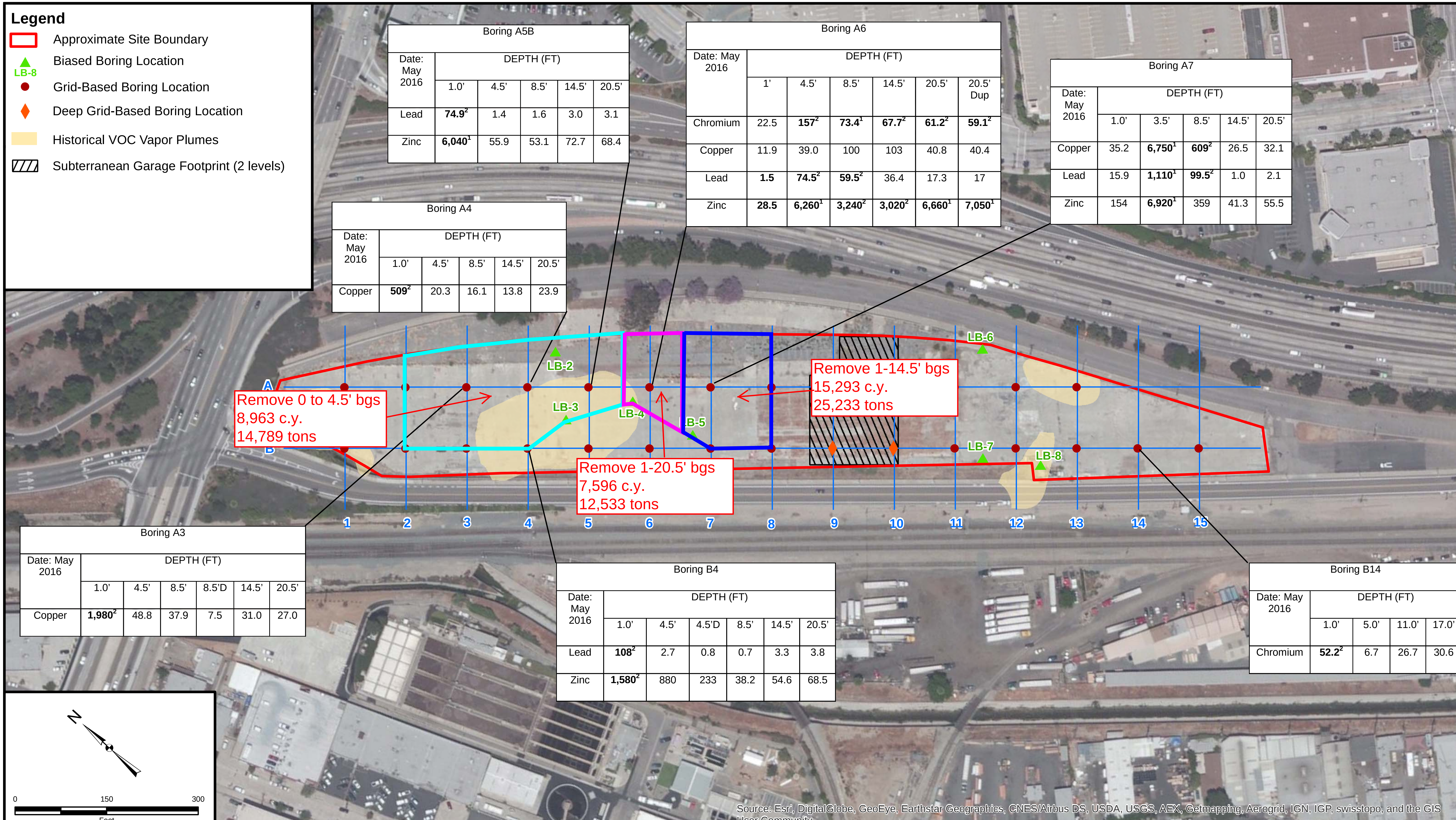

Boring A5B

Date: May 2016	DEPTH (FT)				
	1.0'	4.5'	8.5'	14.5'	20.5'
Lead	**74.9**[2]	1.4	1.6	3.0	3.1
Zinc	**6,040**[1]	55.9	53.1	72.7	68.4

Boring A6

Date: May 2016	DEPTH (FT)					
	1'	4.5'	8.5'	14.5'	20.5'	20.5' Dup
Chromium	22.5	**157**[2]	**73.4**[1]	**67.7**[2]	**61.2**[2]	**59.1**[2]
Copper	11.9	39.0	100	103	40.8	40.4
Lead	**1.5**	**74.5**[2]	**59.5**[2]	36.4	17.3	17
Zinc	**28.5**	**6,260**[1]	**3,240**[2]	**3,020**[2]	**6,660**[1]	**7,050**[1]

Boring A7

Date: May 2016	DEPTH (FT)				
	1.0'	3.5'	8.5'	14.5'	20.5'
Copper	35.2	**6,750**[1]	**609**[2]	26.5	32.1
Lead	15.9	**1,110**[1]	**99.5**[2]	1.0	2.1
Zinc	154	**6,920**[1]	359	41.3	55.5

Boring A4

Date: May 2016	DEPTH (FT)				
	1.0'	4.5'	8.5'	14.5'	20.5'
Copper	**509**[2]	20.3	16.1	13.8	23.9

Boring A3

Date: May 2016	DEPTH (FT)					
	1.0'	4.5'	8.5'	8.5'D	14.5'	20.5'
Copper	**1,980**[2]	48.8	37.9	7.5	31.0	27.0

Boring B4

Date: May 2016	DEPTH (FT)					
	1.0'	4.5'	4.5'D	8.5'	14.5'	20.5'
Lead	**108**[2]	2.7	0.8	0.7	3.3	3.8
Zinc	**1,580**[2]	880	233	38.2	54.6	68.5

Boring B14

Date: May 2016	DEPTH (FT)			
	1.0'	5.0'	11.0'	17.0'
Chromium	**52.2**[2]	6.7	26.7	30.6

Project: 11235.002	Eng/Geol:RJF
Scale:1 " = 150 '	Date: May 2016

Base Map: ESRI ArcGIS Online 2016
Thematic Information: Leighton
Author: Leighton Geomatics (asakowicz)

ESTIMATED VOLUME OF SOIL REQUIRING MANAGEMENT AS CA HAZARDOUS WASTE

SJ4 Burbank, LLC Site - 777 North Front Street, Burbank, CA

Figure 8

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Table 1
Soil Gas Probe Depth Information
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Location ID	Soil Gas Probe Depth	Proposed Use	Rationale for Boring	Soil Gas Probe Installed
Proposed Grid-Based Boring Locations				
A1	[1]16'	Hyatt House with One Level Subterranean Garage	Grid-based Boring	X
A2	[1]16'	Hyatt House with One Level Subterranean Garage	Grid-based Boring	X
A3	20.5'	Hyatt House with One Level Subterranean Garage	Grid-based Boring	X
A4	20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
[2]A5B	20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
A6	20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
A7	20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
A8	20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
A9	30.5'	Mixed-Use with Two Levels Subterranean Garage	Grid-based Boring	X
A10	30.5'	Mixed-Use with Two Levels Subterranean Garage	Grid-based Boring	X
A11	20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
A12	17'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
A13	17'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X

Table 1
Soil Gas Probe Depth Information
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Location ID	Soil Gas Probe Depth	Proposed Use	Rationale for Boring	Soil Gas Probe Installed
B1	[1]16'	Hyatt House with One Level Subterranean Garage	Grid-based Boring	[3]X
B2	[1]16.5'	Hyatt House with One Level Subterranean Garage	Grid-based Boring	X
B3	[1]17'	Hyatt House with One Level Subterranean Garage	Grid-based Boring	X
B4	[1]19'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
B5	[1]20'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
B6	[1]20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	[3]X
B7	[1]20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	[3]X
B8	20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
B9	30.5'	Mixed-Use with Two Levels Subterranean Garage	Grid-based Boring	X
B10	30.5'	Mixed-Use with Two Levels Subterranean Garage	Grid-based Boring	X
B11	20.5'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
B12	17'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X

Table 1
Soil Gas Probe Depth Information
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Location ID	Soil Gas Probe Depth	Proposed Use	Rationale for Boring	Soil Gas Probe Installed
B13	17'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
B14	17'	Mixed-Use with One Level Subterranean Garage	Grid-based Boring	X
B15	[1]4'	Park Area	Grid-based Boring	X
Proposed Biased Boring Locations				
LB1	[1]15'	Hyatt House with One Level Subterranean Garage	Located within Historical VOC Plume	X
	20.5'			X
LB2	[1]19.5'	Mixed-Use with One Level Subterranean Garage	Near Highest VOC Soil Gas Detections (Ninyo & Moore, 2009)	X
LB3	[1]20'	Mixed-Use with One Level Subterranean Garage	Located within Historical VOC Plume	X
LB4	20.5'	Mixed-Use with One Level Subterranean Garage	Located Near Former Degreaser	X
LB5	14.5'	Mixed-Use with One Level Subterranean Garage	Located Adjacent to Geocon Boring (2016) with Elevated Chromium and Strange Odor	X
	20.5'			X
LB6	17'	Mixed-Use with One Level Subterranean Garage	Located Near Former Clarifier and Boring with CrVI Detections (Geosyntec, 2012)	X
LB7	17'	Mixed-Use with One Level Subterranean Garage	Located Near Historical High Concentrations of VOCs Detected in Soil (Hydro Geo Chem)	X
LB8	17'	Mixed-Use with One Level Subterranean Garage	Located within Historical VOC Plume and Adjacent to Former TCA Tank	X

Notes:
VOCs = Volatile Organic Compounds
CrVI = Hexavalent Chromium
[1]4' = Soil gas probe depth was adjusted from the original proposed depth due to clay-rich soil conditions.
[2]ASB = Step-out soil boring/soil gas probe location completed due to refusal at 4' at original A5 boring location.
[3]X = Soil gas probe did not yield sufficient sample due to clay-rich soil conditions at the depth the probe was installed.

Table 2
Summary of VOCs (ug/m^3) Detected in Soil Gas Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	n-Butylebenzene	Chlorobenzene	Chloroform	Dichlorodifluoromethane	1,1-Dichloroethane	1,1-DCE	cis-1,2-Dichloroethene	Ethylbenzene	Freon 113	4-Isopropyltoluene	n-Propylbenzene	1,1,1,2-Tetrachloroethane	PCE	Toluene	1,1,1-TCA	TCE	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
A1-16'	5/6/2016	16.0	< 8.0	11.0	< 8.0	< 8.0	110	< 8.0	< 8.0	< 8.0	84.2	< 40.0	51.8	16.2	< 8.0	9,860	281	203	143	< 8.0	288	144	550
A2-16'	5/6/2016	16.0	< 8.0	< 8.0	< 8.0	< 8.0	111	< 8.0	< 8.0	< 8.0	85.8	< 40.0	50.0	16.4	< 8.0	6,680	244	182	110	< 8.0	329	174	590
A3-20.5'	5/6/2016	20.5	< 8.0	< 8.0	< 8.0	< 8.0	109	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	56,500	15.0	< 8.0	59.8	< 8.0	< 8.0	< 8.0	< 8.0
A4-20.5'	5/6/2016	20.5	< 8.0	< 8.0	< 8.0	47.4	191	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	18.8	< 8.0	243	1,080,000	9.4	< 8.0	4,350	< 8.0	11.0	< 8.0	8.0
A5-20.5'	5/6/2016	20.5	20.2	< 8.0	9.0	121	331	< 8.0	< 8.0	< 8.0	< 8.0	66.4	< 8.0	< 8.0	847	3,120,000	84.0	26.6	8,400	< 8.0	< 8.0	< 8.0	< 8.0
A6-20.5'	5/6/2016	20.5	20.8	< 8.0	< 8.0	34.8	505	< 8.0	< 8.0	< 8.0	34.2	124	< 8.0	< 8.0	< 8.0	105,000	234	10.8	2,020	< 8.0	31.8	< 8.0	187
A7-20.5'	5/6/2016	20.5	< 8.0	< 8.0	< 8.0	101	978	< 8.0	< 8.0	21.6	< 8.0	290	< 8.0	< 8.0	< 8.0	38,000	< 8.0	22.2	40,500	29.4	< 8.0	< 8.0	< 8.0
A8-20.5'	5/6/2016	20.5	29.0	< 8.0	< 8.0	21.8	326	< 8.0	< 8.0	< 8.0	35.4	90.2	38.8	< 8.0	< 8.0	12,900	204	15.0	1,820	< 8.0	47.6	< 8.0	213
A9-30.5'	5/6/2016	30.5	< 8.0	< 8.0	< 8.0	29.2	454	< 8.0	345	< 8.0	< 8.0	122	< 8.0	< 8.0	< 8.0	8,010	< 8.0	< 8.0	2,140	< 8.0	< 8.0	< 8.0	< 8.0
A10-30.5'	5/6/2016	30.5	< 8.0	< 8.0	< 8.0	< 8.0	307	< 8.0	< 8.0	< 8.0	< 8.0	94.4	< 8.0	< 8.0	< 8.0	8,810	60.6	19.4	801	< 8.0	< 8.0	< 8.0	31.4
A11-20.5'	5/6/2016	20.5	< 8.0	< 8.0	< 8.0	< 8.0	66.0	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	1,800	67.6	25.8	30.8	< 8.0	22.2	< 8.0	59.0
A12-17'	5/6/2016	17.0	< 8.0	< 8.0	< 8.0	< 8.0	38.8	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	972	72.0	146	94.4	< 8.0	< 8.0	< 8.0	32.2
A13-17'	5/6/2016	17.0	< 8.0	< 8.0	< 8.0	< 8.0	22.2	< 8.0	909	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	845	52.4	6,060	82.6	< 8.0	< 8.0	< 8.0	< 8.0
A13-17' REP	5/6/2016	17.0	< 8.0	< 8.0	< 8.0	< 8.0	23.6	< 8.0	907	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	1,070	< 8.0	5,880	243	< 8.0	< 8.0	< 8.0	< 8.0
B2-16.5'	5/6/2016	16.5	65.0	< 8.0	< 8.0	< 8.0	116	< 8.0	< 8.0	< 8.0	105	< 40.0	23.2	< 8.0	< 8.0	3,310	574	67.6	78.4	10.8	124	31.8	628
B3-17'	5/6/2016	17.0	124	< 8.0	< 8.0	< 8.0	32.8	< 8.0	< 8.0	< 8.0	335	< 40.0	4,050	67.6	< 8.0	11,300	1,290	28.2	69.6	< 8.0	619	177	1,850
B4-19'	5/6/2016	19.0	20.8	24.2	< 8.0	< 8.0	90.8	< 8.0	< 8.0	< 8.0	30.5	< 40.0	60.6	< 8.0	48.2	1,030,000	127	< 8.0	431	< 8.0	56.9	20.4	182
B5-20'	5/6/2016	20.0	13.4	< 8.0	< 8.0	< 8.0	269	< 8.0	< 8.0	< 8.0	72.4	< 40.0	27.9	< 8.0	103	1,410,000	72.5	< 8.0	373	< 8.0	20.0	< 8.0	85.2
B8-20.5'	5/6/2016	20.5	< 8.0	< 8.0	< 8.0	58.7	3,060	20.2	341	< 8.0	< 8.0	390	< 8.0	< 8.0	< 8.0	14,600	11.3	< 8.0	6,380	< 8.0	< 8.0	< 8.0	< 8.0
B9-30.5'	5/6/2016	30.5	33.0	24.8	< 8.0	78.6	2,400	21.2	449	< 8.0	40.1	385	36.3	< 8.0	< 8.0	14,400	171	< 8.0	8,270	< 8.0	71.1	26.2	235
B10-30.5'	5/6/2016	30.5	< 8.0	< 8.0	< 8.0	55.2	1,730	< 8.0	424	< 8.0	< 8.0	297	< 8.0	< 8.0	< 8.0	13,300	11.9	< 8.0	4,540	< 8.0	< 8.0	< 8.0	< 8.0
B10-30.5' REP	5/6/2016	30.5	< 8.0	< 8.0	< 8.0	54.5	1,690	< 8.0	417	< 8.0	< 8.0	296	< 8.0	< 8.0	< 8.0	13,800	16.1	< 8.0	4,400	< 8.0	< 8.0	< 8.0	< 8.0
B11-20.5'	5/6/2016	20.5	< 8.0	< 8.0	< 8.0	< 8.0	312	< 8.0	< 8.0	< 8.0	< 8.0	89.0	22.6	< 8.0	< 8.0	3,630	< 8.0	44.3	19.1	< 8.0	< 8.0	< 8.0	< 8.0
B12-17'	5/6/2016	17.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	71.4	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	5,790	< 8.0	491	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
B13-17'	5/6/2016	17.0	< 8.0	< 8.0	< 8.0	< 8.0	11.6	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	323	10.0	107	17.0	< 8.0	< 8.0	< 8.0	< 8.0
[1]Targeted Cleanup Levels for Soil Gas (ug/m^3)																							
0-10 feet bgs			NE	NE	NE	NE	NE	NE	187,000	NE	NE	NE	NE	NE	NE	86,000	NE	475,000	35,000	NE	NE	NE	NE
10-20 feet bgs			NE	NE	NE	NE	NE	NE	150,000	NE	NE	NE	NE	NE	NE	71,000	NE	385,000	28,000	NE	NE	NE	NE
20-30 feet bgs			NE	NE	NE	NE	NE	NE	120,000	NE	NE	NE	NE	NE	NE	55,000	NE	295,000	20,000	NE	NE	NE	NE
30-40 feet bgs			NE	NE	NE	NE	NE	NE	80,000	NE	NE	NE	NE	NE	NE	38,000	NE	205,000	15,000	NE	NE	NE	NE

Table 2
Summary of VOCs (ug/m^3) Detected in Soil Gas Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	n-Butylebenzene	Chlorobenzene	Chloroform	Dichlorodifluoromethane	1,1-Dichloroethane	1,1-DCE	cis-1,2-Dichloroethene	Ethylbenzene	Freon 113	4-Isopropyltoluene	n-Propylbenzene	1,1,1,2-Tetrachloroethane	PCE	Toluene	1,1,1-TCA	TCE	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
B14-17'	5/6/2016	17.0	< 8.0	< 8.0	< 8.0	< 8.0	**8.2**	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	**143**	**80.6**	**14.4**	**41.4**	< 8.0	< 8.0	< 8.0	**27.0**
B15-4'	5/6/2016	4.0	< 8.0	< 8.0	< 8.0	< 8.0	**16.6**	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	**222**	**18.4**	< 8.0	**31.8**	< 8.0	< 8.0	< 8.0	< 8.0
LB1-15'	5/6/2016	15.0	< 8.0	< 8.0	< 8.0	< 8.0	**43.4**	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	**423**	**76.0**	**39.2**	**38.0**	< 8.0	< 8.0	< 8.0	**11.6**
LB1-20.5'	5/6/2016	20.5	< 8.0	< 8.0	< 8.0	< 8.0	**33.0**	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	**11,000**	**45.4**	**167**	**332**	< 8.0	< 8.0	< 8.0	< 8.0
LB2-19.5'	5/6/2016	19.5	**15.2**	< 8.0	< 8.0	< 8.0	**99.2**	< 8.0	< 8.0	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	**63,200**	**68.2**	< 8.0	**110**	< 8.0	< 8.0	< 8.0	< 8.0
LB3-20'	5/6/2016	20.0	**26.9**	< 8.0	< 8.0	**67.0**	**200**	< 8.0	**242**	< 8.0	**35.7**	< 40.0	< 8.0	< 8.0	**635**	**10,600,000**	**114**	**8.0**	**4,930**	< 8.0	< 8.0	< 8.0	**35.3**
LB4-20.5'	5/6/2016	20.5	**25.2**	< 8.0	< 8.0	< 8.0	**698**	< 8.0	< 8.0	< 8.0	**32.0**	**107**	**18.3**	< 8.0	**10.6**	**544,000**	**175**	< 8.0	**648**	< 8.0	**10.6**	< 8.0	**156**
LB5-14.5'	5/6/2016	14.5	< 8.0	< 8.0	< 8.0	< 8.0	**754**	< 8.0	< 8.0	< 8.0	< 8.0	**141**	< 8.0	< 8.0	< 8.0	**11,800**	**54.7**	< 8.0	**881**	< 8.0	< 8.0	< 8.0	**21.4**
LB5-20.5'	5/6/2016	20.5	**27.4**	< 8.0	< 8.0	**14.2**	**927**	< 8.0	< 8.0	< 8.0	**23.2**	**186**	**16.9**	< 8.0	< 8.0	**12,400**	**169**	< 8.0	**1,500**	< 8.0	**12.3**	< 8.0	**115**
LB6-17'	5/6/2016	17.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	**67.6**	< 8.0	< 8.0	< 40.0	< 8.0	< 8.0	< 8.0	**1,590**	< 8.0	**17.4**	**115**	< 8.0	< 8.0	< 8.0	< 8.0
LB7-17'	5/6/2016	17.0	< 8.0	< 8.0	< 8.0	< 8.0	**185**	< 8.0	**67.3**	< 8.0	< 8.0	**53.2**	< 8.0	< 8.0	< 8.0	**3,280**	< 8.0	**85.6**	**42.0**	< 8.0	< 8.0	< 8.0	< 8.0
LB8-17'	5/6/2016	17.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	**937**	< 8.0	**17.8**	< 40.0	**8.6**	< 8.0	< 8.0	**14,600**	**97.4**	**1,630**	**173**	< 8.0	< 8.0	< 8.0	**89.1**
[1]Targeted Cleanup Levels for Soil Gas (ug/m^3)																							
0-10 feet bgs			NE	NE	NE	NE	NE	NE	**187,000**	NE	NE	NE	NE	NE	NE	**86,000**	NE	**475,000**	**35,000**	NE	NE	NE	NE
10-20 feet bgs			NE	NE	NE	NE	NE	NE	**150,000**	NE	NE	NE	NE	NE	NE	**71,000**	NE	**385,000**	**28,000**	NE	NE	NE	NE
20-30 feet bgs			NE	NE	NE	NE	NE	NE	**120,000**	NE	NE	NE	NE	NE	NE	**55,000**	NE	**295,000**	**20,000**	NE	NE	NE	NE
30-40 feet bgs			NE	NE	NE	NE	NE	NE	**80,000**	NE	NE	NE	NE	NE	NE	**38,000**	NE	**205,000**	**15,000**	NE	NE	NE	NE

Notes:

REP = Duplicate sample
ft bgs = Feet below ground surface
ug/m^3 = Micrograms per cubic meter
< 8.0 = Concentration reported below laboratory detection limit
NE = Cleanup concentrations not established for this compound
8.0 = Concentration reported above laboratory detection limit
All concentrations reported in ug/m^3

PCE = Tetrachloroethylene
TCE = Trichloroethylene
1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCE = 1,1-Dichloroethene
[1] = Cleanup levels obtained from *Table 1, Phase 2 Targeted Soil Cleanup Levels,* presented in *Work Plan for No Further Action Closure: Soil Vapor Extraction and Groundwater Monitoring Systems, Former ZERO Facility, 777 Front Street, Burbank, California (RWQCB File No. 109.6162),* by Hydro Geo Chem, Inc., dated June 26, 2000.

Table 3
Summary of VOCs (ug/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	PCE	Toluene	1,1,1-TCA	TCE
A1-1'	5/4/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A1-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A1-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A1-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A1-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A2-1'	5/4/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**8.2**	< 1.0	< 1.0	< 1.0
A2-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	< 1.0
A2-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A2-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A2-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A3-1'	5/4/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**8.9**	< 1.0	< 1.0	< 1.0
A3-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**10.5**	< 1.0	< 1.0	< 1.0
A3-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**11.4**	< 1.0	< 1.0	< 1.0
A3-8.5'-D	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**6.6**	< 1.0	< 1.0	< 1.0
A3-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.0**	< 1.0	< 1.0	< 1.0
A3-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A4-1'	5/4/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2,540**	< 1.0	< 1.0	**11.5**
A4-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**46.9**	< 1.0	< 1.0	< 1.0
A4-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**118**	< 1.0	< 1.0	**2.7**
A4-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**58.7**	< 1.0	< 1.0	< 1.0
A4-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**6.8**	< 1.0	< 1.0	< 1.0

Table 3
Summary of VOCs (ug/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	PCE	Toluene	1,1,1-TCA	TCE
A5-1.25'	5/4/2016	1.25	< 1.0	< 1.0	< 1.0	< 1.0	**810**	< 1.0	< 1.0	**2.8**
A5-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**32.2**	< 1.0	< 1.0	< 1.0
A5B-1'	5/4/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**253**	< 1.0	< 1.0	< 1.0
A5B-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**39.8**	< 1.0	< 1.0	< 1.0
A5B-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**16**	< 1.0	< 1.0	< 1.0
A5B-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**181**	< 1.0	< 1.0	< 1.0
A5B-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**57.5**	< 1.0	< 1.0	< 1.0
A6-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A6-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**13.7**	< 1.0	< 1.0	< 1.0
A6-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.0**	< 1.0	< 1.0	< 1.0
A6-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**16.6**	< 1.0	< 1.0	< 1.0
A6-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**10.7**	< 1.0	< 1.0	< 1.0
A6-20.5'-D	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**19.3**	< 1.0	< 1.0	< 1.0
A7-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**22.1**	< 1.0	< 1.0	**64.7**
A7-3.5'	5/5/2016	3.5	< 1.0	< 1.0	< 1.0	< 1.0	**2,470**	< 1.0	< 1.0	**4,800**
A7-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.4**	< 1.0	< 1.0	**2.6**
A7-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.6**	< 1.0	< 1.0	**3.0**
A7-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.0**	< 1.0	< 1.0	< 1.0
A8-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**21.9**	< 1.0	< 1.0	**2.1**
A8-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**11.4**	< 1.0	< 1.0	< 1.0
A8-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.5**	< 1.0	< 1.0	< 1.0
A8-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**5.7**	< 1.0	< 1.0	< 1.0
A8-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**3.1**	< 1.0	< 1.0	< 1.0

Table 3
Summary of VOCs (ug/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	PCE	Toluene	1,1,1-TCA	TCE
A9-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4.3**	< 1.0	< 1.0	< 1.0
A9-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**4.5**	< 1.0	< 1.0	< 1.0
A9-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A9-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A9-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A9-20.5'-D	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A9-25.5'	5/5/2016	25.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A9-30.5'	5/5/2016	30.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A10-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**6.8**	< 1.0	< 1.0	< 1.0
A10-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A10-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A10-25.5'	5/5/2016	25.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A10-30.5'	5/5/2016	30.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A11-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A11-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A11-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A11-8.5'-D	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A11-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A11-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A12-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A12-5'	5/5/2016	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A12-11'	5/5/2016	11.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A12-17'	5/5/2016	17.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A13-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A13-5'	5/5/2016	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A13-11'	5/5/2016	11.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
A13-17'	5/5/2016	17.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 3
Summary of VOCs (ug/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	PCE	Toluene	1,1,1-TCA	TCE
B1-1'	5/4/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B1-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**27.0**	< 1.0	< 1.0	< 1.0
B1-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	< 1.0
B1-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**14.8**	< 1.0	< 1.0	< 1.0
B1-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**5.4**	< 1.0	< 1.0	< 1.0
B2-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**12.7**	< 1.0	< 1.0	< 1.0
B2-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.7**	< 1.0	< 1.0	< 1.0
B2-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B2-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.3**	< 1.0	< 1.0	< 1.0
B2-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**3.3**	< 1.0	< 1.0	< 1.0
B3-1'	5/4/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**21.8**	< 1.0	< 1.0	< 1.0
B3-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**7.9**	< 1.0	< 1.0	< 1.0
B3-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0
B3-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**6.3**	< 1.0	< 1.0	< 1.0
B3-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**13.8**	< 1.0	< 1.0	< 1.0
B4-1'	5/4/2016	1.0	< 1.0	**5.0**	**2.3**	< 1.0	**3,330**	< 1.0	< 1.0	**153**
B4-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**24.0**	< 1.0	< 1.0	< 1.0
B4-4.5D	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**21.2**	< 1.0	< 1.0	< 1.0
B4-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**22.4**	< 1.0	< 1.0	< 1.0
B4-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**29.3**	< 1.0	< 1.0	< 1.0
B4-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**54.8**	< 1.0	< 1.0	< 1.0
B5-1'	5/4/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**29.6**	< 1.0	< 1.0	< 1.0
B5-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**148**	< 1.0	< 1.0	< 1.0
B5-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**161**	< 1.0	< 1.0	< 1.0
B5-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**25.3**	< 1.0	< 1.0	< 1.0
B5-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**14.9**	< 1.0	< 1.0	< 1.0

Table 3
Summary of VOCs (ug/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	PCE	Toluene	1,1,1-TCA	TCE
B6-1'	5/4/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**28.7**	< 1.0	< 1.0	< 1.0
B6-4.5'	5/4/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**33.1**	< 1.0	< 1.0	< 1.0
B6-8.5'	5/4/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**22.1**	< 1.0	< 1.0	< 1.0
B6-14.5'	5/4/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**9.1**	< 1.0	< 1.0	< 1.0
B6-20.5'	5/4/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**8.8**	< 1.0	< 1.0	< 1.0
B7-1'	5/5/2016	1.0	**1.7**	< 1.0	< 1.0	< 1.0	**5.8**	< 1.0	< 1.0	**1.6**
B7-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**22.1**	< 1.0	< 1.0	**13.6**
B7-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B7-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**4.5**	< 1.0	< 1.0	< 1.0
B7-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0
B8-1'	5/5/2016	1.0	**4.3**	< 1.0	< 1.0	< 1.0	**13.9**	< 1.0	< 1.0	**19.8**
B8-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**3.3**	< 1.0	< 1.0	**1.0**
B8-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**5.5**	< 1.0	< 1.0	**1.2**
B8-8.5D	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**6.0**	< 1.0	< 1.0	**1.3**
B8-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B8-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.5**	< 1.0	< 1.0	< 1.0
B9-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.8**	< 1.0	< 1.0	< 1.0
B9-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.3**	< 1.0	< 1.0	< 1.0
B9-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.0**	< 1.0	< 1.0	< 1.0
B9-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	< 1.0
B9-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.0**	< 1.0	< 1.0	< 1.0
B9-25.5'	5/5/2016	25.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B9-30.5'	5/5/2016	30.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B10-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.0**	< 1.0	< 1.0	< 1.0
B10-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**4.3**	< 1.0	< 1.0	< 1.0
B10-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.8**	< 1.0	< 1.0	< 1.0
B10-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B10-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B10-25.5'	5/5/2016	25.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.2**	< 1.0	< 1.0	< 1.0
B10-30.5'	5/5/2016	30.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 3
Summary of VOCs (ug/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	PCE	Toluene	1,1,1-TCA	TCE
B11-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B11-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**7.3**	< 1.0	< 1.0	< 1.0
B11-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.4**	< 1.0	< 1.0	< 1.0
B11-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B11-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B12-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**22.8**	< 1.0	< 1.0	**1.6**
B12-5'	5/5/2016	5.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.4**	< 1.0	< 1.0	< 1.0
B12-5'D	5/5/2016	5.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.8**	< 1.0	< 1.0	< 1.0
B12-11'	5/5/2016	11.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.3**	< 1.0	< 1.0	< 1.0
B12-17'	5/5/2016	17.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B13-1'	5/6/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B13-5'	5/6/2016	5.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 1.0	< 1.0	< 1.0
B13-11'	5/6/2016	11.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.2**	< 1.0	< 1.0	< 1.0
B13-17'	5/6/2016	17.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B14-1'	5/6/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B14-5'	5/6/2016	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B14-11'	5/6/2016	11.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B14-17'	5/6/2016	17.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B15-1'	5/6/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B15-4'	5/6/2016	4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
B15-5'	5/6/2016	5.0	< 1.0	< 1.0	< 1.0	**3.0**	< 1.0	**1.8**	< 1.0	< 1.0
LB1-1'	5/6/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.9**	< 1.0	< 1.0	< 1.0
LB1-4.5'	5/6/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.6**	< 1.0	< 1.0	< 1.0
LB1-8.5'	5/6/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.8**	< 1.0	< 1.0	< 1.0
LB1-14.5'	5/6/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
LB1-20.5'	5/6/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 3
Summary of VOCs (ug/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	PCE	Toluene	1,1,1-TCA	TCE
LB2-1'	5/6/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**28.0**	< 1.0	< 1.0	**1.4**
LB2-4.5'	5/6/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.2**	< 1.0	< 1.0	< 1.0
LB2-8.5'	5/6/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.2**	< 1.0	< 1.0	< 1.0
LB2-14.5'	5/6/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**5.5**	< 1.0	< 1.0	< 1.0
LB2-20.5'	5/6/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**25.9**	< 1.0	< 1.0	< 1.0
LB3-1'	5/6/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**43.9**	< 1.0	< 1.0	< 1.0
LB3-1'-D	5/6/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**46.7**	< 1.0	< 1.0	< 1.0
LB3-4.5'	5/6/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**19.6**	< 1.0	< 1.0	< 1.0
LB3-8.5'	5/6/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**8.2**	< 1.0	< 1.0	< 1.0
LB3-14.5'	5/6/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**89.4**	< 1.0	< 1.0	< 1.0
LB3-20.5'	5/6/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**28.2**	< 1.0	< 1.0	< 1.0
LB4-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**4.4**	< 1.0	< 1.0	< 1.0
LB4-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**25.6**	< 1.0	< 1.0	< 1.0
LB4-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**5.4**	< 1.0	< 1.0	< 1.0
LB4-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**26.7**	< 1.0	< 1.0	< 1.0
LB4-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**4.3**	< 1.0	< 1.0	< 1.0
LB5-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
LB5-1D	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
LB5-4.5'	5/5/2016	4.5	< 1.0	< 1.0	< 1.0	< 1.0	**21.2**	< 1.0	< 1.0	**5.3**
LB5-8.5'	5/5/2016	8.5	< 1.0	< 1.0	< 1.0	< 1.0	**3.9**	< 1.0	< 1.0	< 1.0
LB5-14.5'	5/5/2016	14.5	< 1.0	< 1.0	< 1.0	< 1.0	**1.0**	< 1.0	< 1.0	< 1.0
LB5-20.5'	5/5/2016	20.5	< 1.0	< 1.0	< 1.0	< 1.0	**2.2**	< 1.0	< 1.0	< 1.0
LB6-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.0**	< 1.0	< 1.0	< 1.0
LB6-5'	5/5/2016	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
LB6-11'	5/5/2016	11.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
LB6-17'	5/5/2016	17.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 3
Summary of VOCs (ug/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Benzene	cis-1,2-DCE	trans-1,2-DCE	Ethylbenzene	PCE	Toluene	1,1,1-TCA	TCE
LB7-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.5**	< 1.0	< 1.0	< 1.0
LB7-5'	5/5/2016	5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
LB7-11'	5/5/2016	11.0	< 1.0	< 1.0	< 1.0	< 1.0	**1.0**	< 1.0	< 1.0	< 1.0
LB7-17'	5/5/2016	17.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
LB8-1'	5/5/2016	1.0	< 1.0	< 1.0	< 1.0	< 1.0	**187**	< 1.0	**20.9**	**1.7**
LB8-5'	5/5/2016	5.0	< 1.0	< 1.0	< 1.0	< 1.0	**21.5**	< 1.0	**4.1**	< 1.0
LB8-11'	5/5/2016	11.0	< 1.0	< 1.0	< 1.0	< 1.0	**3.0**	< 1.0	< 1.0	< 1.0
LB8-17'	5/5/2016	17.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Residential DTSC-SLs (ug/kg) - Cancer Endpoint			**330**	NE	NE	NE	**600**	NE	NE	NE
Residential DTSC-SLs (ug/kg) - Non-cancer Endpoint			**11,000**	**19,000**	**130,000**	NE	**82,000**	**1,100,000**	**1,700,000**	NE
Residential RSLs (ug/kg)			**1,200**	**160,000**	**1,600,000**	**5,800**	**24,000**	**4,900,000**	**8,100,000**	**940**
[1]Targeted Soil Cleanup Levels (ug/kg), 0-10 feet bgs			NE	NE	NE	NE	**78**	NE	**3,112**	**78**
[1]Targeted Soil Cleanup Levels (ug/kg), 10-20 feet bgs			NE	NE	NE	NE	**63**	NE	**2,520**	**63**
[1]Targeted Soil Cleanup Levels (ug/kg), 20-30 feet bgs			NE	NE	NE	NE	**48**	NE	**1,928**	**48**

Notes:

ft bgs = Feet below ground surface
ug/kg = Micrograms per kilogram
VOC concentrations reported in ug/kg
< 1.0 = Not reported above practical quantitation limit
1.2 = Concentration reported above practical quantitation limit
cis-1,2-DCE = cis-1,2-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
1,1,1-TCA = 1,1,1-Trichloroethane
PCE = Tetrachloroethylene
TCE = Trichloroethylene
DTSC-SLs = Department of Toxic Substances Control (DTSC) Recommended Screening Levels (SLs) for Residential Soil for Cancer and Non-cancer Endpoints, January 2016.
RSLs = US EPA Region 9 Regional Screening Levels (RSLs) for Residential Soil, May 2016, based on a Target Hazard Quotient (THQ) of 1.0.
NE = Screening level not established
[1] = Targeted Soil Cleanup Levels obtained from *Table 1, Phase 2 Soil Cleanup Levels,* presented in *Work Plan for No Further Action Closure: Soil Vapor Extraction and Groundwater Monitoring Systems, Former ZERO Facility, 777 Front Street, Burbank, California (RWQCB File No. 109.6162),* by Hydro Geo Chem, Inc., dated June 26, 2000.

Table 4
Summary of TPH (mg/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample ID#	Depth (ft bgs)	Sample Collection Date	DRO (C10-C28)	ORO (C29-C32)
A5B-1'	1	5/4/2016	**241**	**169**
A7-3.5'	3.5	5/5/2016	**21.8**	< 10.0
LB2-1'	1	5/6/2016	**66.6**	**128**
LB3-1'	1	5/6/2016	**22.5**	**42.1**
LB6-1'	1	5/5/2016	**79.1**	**356**

Notes:

ft bgs = Feet below ground surface

mg/kg = Milligrams per kilogram

< 10.0 = Concentration not reported above laboratory method reporting limit of 10.0 mg/kg

21.8 = Concentration reported above laboratory method reporting limit

DRO = Diesel range organics, carbon chain ranges C10 through C28

ORO = Oil range organics, carbon chain ranges C29 through C32

Table 5
Summary of CAM-17 Metals (mg/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
A1-1'	5/4/2016	1.0	< 0.5	< 0.5	**287**	< 0.5	< 0.5	**15.9**	**11.1**	**33.9**	**7.1**	< 0.020	< 0.5	**10.6**	< 0.5	< 0.5	< 0.5	**38.1**	**99.1**
A1-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**225**	< 0.5	< 0.5	**33.7**	**19.5**	**41.7**	**3.9**	**0.027**	< 0.5	**25.8**	< 0.5	< 0.5	< 0.5	**71.9**	**76.1**
A1-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**246**	< 0.5	< 0.5	**43.2**	**22.6**	**47.3**	**4.2**	**0.038**	< 0.5	**32.6**	< 0.5	< 0.5	< 0.5	**78.4**	**94.9**
A1-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**213**	< 0.5	< 0.5	**31.4**	**17.5**	**39.4**	**3.6**	< 0.020	< 0.5	**22.0**	< 0.5	< 0.5	< 0.5	**66.4**	**75.1**
A1-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**194**	< 0.5	< 0.5	**26.8**	**16.0**	**39.6**	**5.3**	**0.033**	< 0.5	**20.5**	< 0.5	< 0.5	< 0.5	**59.3**	**71.1**
A2-1'	5/4/2016	1.0	< 0.5	< 0.5	**188**	< 0.5	< 0.5	**28.5**	**15.5**	**33.8**	**3.2**	**0.051**	< 0.5	**19.7**	< 0.5	< 0.5	< 0.5	**58.2**	**66.7**
A2-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**152**	< 0.5	< 0.5	**31.8**	**13.4**	**30.4**	**3.1**	**0.038**	< 0.5	**21.5**	< 0.5	< 0.5	< 0.5	**52.5**	**62.5**
A2-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**111**	< 0.5	< 0.5	**18.3**	**8.4**	**16.4**	**0.6**	< 0.020	< 0.5	**9.5**	< 0.5	< 0.5	< 0.5	**39.9**	**38.8**
A2-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**195**	< 0.5	< 0.5	**29.6**	**16.9**	**35.3**	**3.6**	< 0.020	< 0.5	**20.9**	< 0.5	< 0.5	< 0.5	**64.9**	**73.6**
A2-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**192**	< 0.5	< 0.5	**28.5**	**15.2**	**38.9**	**3.6**	**0.027**	< 0.5	**19.7**	< 0.5	< 0.5	< 0.5	**62.7**	**66.3**
A3-1'	5/4/2016	1.0	< 0.5	< 0.5	**91.9**	< 0.5	< 0.5	**10.3**	**5.6**	**1,980**[1]	**26.1**	**0.074**	< 0.5	**13.4**	< 0.5	< 0.5	< 0.5	**28.9**	**114**
A3-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**218**	< 0.5	< 0.5	**32.9**	**18.3**	**48.8**	**3.4**	< 0.020	< 0.5	**24.1**	< 0.5	< 0.5	< 0.5	**70.4**	**72.5**
A3-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**231**	< 0.5	< 0.5	**33.3**	**18.6**	**37.9**	**2.8**	< 0.020	< 0.5	**24.2**	< 0.5	< 0.5	< 0.5	**70.4**	**76.8**
A3-8.5'-D	5/4/2016	8.5	< 0.5	< 0.5	**84.5**	< 0.5	< 0.5	**11.5**	**3.7**	**7.5**	< 0.5	< 0.020	**2.7**	**2.4**	< 0.5	< 0.5	< 0.5	**16.8**	**43.9**
A3-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**126**	< 0.5	< 0.5	**23.3**	**12.0**	**31.0**	**2.3**	< 0.020	< 0.5	**14.7**	< 0.5	< 0.5	< 0.5	**52.5**	**56.2**
A3-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**158**	< 0.5	< 0.5	**21.8**	**11.2**	**27.0**	**2.0**	< 0.020	< 0.5	**14.1**	< 0.5	< 0.5	< 0.5	**48.8**	**50.3**
A4-1'	5/4/2016	1.0	< 0.5	< 0.5	**109**	< 0.5	< 0.5	**5.2**	**6.9**	**509**[1]	**14.8**	**0.130**	< 0.5	**6.1**	< 0.5	< 0.5	< 0.5	**38.2**	**108**
A4-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**97.4**	< 0.5	< 0.5	**16.4**	**8.6**	**20.3**	**0.8**	< 0.020	< 0.5	**11.3**	< 0.5	< 0.5	< 0.5	**37.0**	**39.7**
A4-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**88.5**	< 0.5	< 0.5	**13.9**	**6.3**	**16.1**	**0.8**	< 0.020	< 0.5	**7.6**	< 0.5	< 0.5	< 0.5	**31.8**	**307**
A4-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**99.5**	< 0.5	< 0.5	**15.4**	**7.9**	**13.8**	**1.2**	< 0.020	< 0.5	**8.8**	< 0.5	< 0.5	< 0.5	**34.5**	**41.5**
A4-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**133**	< 0.5	< 0.5	**20.0**	**11.1**	**23.9**	**1.9**	< 0.020	< 0.5	**14.4**	< 0.5	< 0.5	< 0.5	**46.2**	**49.7**
A5-1.25'	5/4/2016	1.25	< 0.5	< 0.5	**181**	< 0.5	< 0.5	**29.0**	**16.5**	**30.8**	**2.8**	**0.024**	< 0.5	**19.7**	< 0.5	< 0.5	< 0.5	**67.8**	**68.5**
A5-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**114**	< 0.5	< 0.5	**21.3**	**10.4**	**19.5**	**1.5**	< 0.020	< 0.5	**12.6**	< 0.5	< 0.5	< 0.5	**49.9**	**47.8**
A5B-1'	5/4/2016	1.0	< 0.5	< 0.5	**147**	< 0.5	**1.2**	**14.3**	**9.9**	**124**	**74.9**[1]	< 0.020	< 0.5	**16.1**	< 0.5	< 0.5	< 0.5	**46.9**	**6,040**[2]
A5B-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**137**	< 0.5	< 0.5	**18.3**	**11.9**	**18.5**	**1.4**	**0.059**	< 0.5	**12.0**	< 0.5	< 0.5	< 0.5	**53.1**	**55.9**
A5B-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**152**	< 0.5	< 0.5	**24.9**	**12.0**	**21.8**	**1.6**	< 0.020	< 0.5	**14.3**	< 0.5	< 0.5	< 0.5	**53.8**	**53.1**

Table 5
Summary of CAM-17 Metals (mg/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
A5B-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**196**	< 0.5	< 0.5	**35.2**	**15.8**	**32.2**	**3.0**	< 0.020	< 0.5	**18.9**	< 0.5	< 0.5	< 0.5	**61.4**	**72.7**
A5B-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**218**	< 0.5	< 0.5	**32.1**	**18.1**	**40.0**	**3.1**	< 0.020	< 0.5	**21.0**	< 0.5	< 0.5	< 0.5	**74.7**	**68.4**
A6-1'	5/5/2016	1.0	< 0.5	< 0.5	**45.9**	< 0.5	< 0.5	**22.5**	**13.6**	**11.9**	**1.5**	**0.026**	< 0.5	**18.4**	< 0.5	< 0.5	< 0.5	**33.1**	**28.5**
A6-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**136**	< 0.5	**1.2**	**157**[1]	**19.7**	**39.0**	**74.5**[1]	**0.030**	< 0.5	**14.9**	< 0.5	< 0.5	< 0.5	**45.7**	**6,260**[2]
A6-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**166**	< 0.5	< 0.5	**73.4**[1]	**20.1**	**100**	**59.5**[1]	< 0.020	< 0.5	**18.5**	< 0.5	< 0.5	< 0.5	**57.6**	**3,240**[1]
A6-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**186**	< 0.5	< 0.5	**67.7**[1]	**16.2**	**103**	**36.4**	< 0.020	< 0.5	**19.1**	< 0.5	< 0.5	< 0.5	**65.1**	**3,020**[1]
A6-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**172**	< 0.5	< 0.5	**61.2**[1]	**20.4**	**40.8**	**17.3**	< 0.020	< 0.5	**25.3**	< 0.5	< 0.5	< 0.5	**81.3**	**6,660**[2]
A6-20.5'-D	5/5/2016	20.5	< 0.5	< 0.5	**176**	< 0.5	< 0.5	**59.1**[1]	**19.7**	**40.4**	**17.0**	< 0.020	< 0.5	**24.4**	< 0.5	< 0.5	< 0.5	**78.2**	**7,050**[2]
A7-1'	5/5/2016	1.0	< 0.5	< 0.5	**131**	< 0.5	< 0.5	**25.8**	**9.6**	**35.2**	**15.9**	**0.035**	**2.2**	**21.4**	< 0.5	< 0.5	< 0.5	**58.3**	**154**
A7-3.5'	5/5/2016	3.5	< 0.5	**2.4**	**34.5**	< 0.5	**6.1**	**7.9**	**1.1**	**6,740**[2]	**1,110**[2]	**0.029**	< 0.5	**47.1**	< 0.5	< 0.5	< 0.5	**11.3**	**6,920**[2]
A7-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**176**	< 0.5	< 0.5	**34.3**	**16.7**	**609**[1]	**99.5**[1]	< 0.020	< 0.5	**28.1**	< 0.5	< 0.5	< 0.5	**64.8**	**359**
A7-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**107**	< 0.5	< 0.5	**15.7**	**7.5**	**26.5**	**1.0**	< 0.020	< 0.5	**8.5**	< 0.5	< 0.5	< 0.5	**40.5**	**41.3**
A7-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**139**	< 0.5	< 0.5	**23.5**	**12.7**	**32.1**	**2.1**	< 0.020	< 0.5	**15.5**	< 0.5	< 0.5	< 0.5	**54.7**	**55.5**
A8-1'	5/5/2016	1.0	< 0.5	< 0.5	**131**	< 0.5	< 0.5	**18.5**	**12.2**	**25.1**	**4.1**	**0.022**	< 0.5	**12.2**	< 0.5	< 0.5	< 0.5	**45.8**	**62.2**
A8-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**220**	< 0.5	< 0.5	**34.5**	**20.3**	**42.6**	**4.2**	**0.030**	< 0.5	**25.7**	< 0.5	< 0.5	< 0.5	**74.4**	**46.8**
A8-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**129**	< 0.5	< 0.5	**21.5**	**11.3**	**24.3**	**1.4**	< 0.020	< 0.5	**13.9**	< 0.5	< 0.5	< 0.5	**49.7**	**45.6**
A8-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**246**	< 0.5	< 0.5	**25.4**	**15.7**	**34.0**	**3.0**	< 0.020	< 0.5	**18.8**	< 0.5	< 0.5	< 0.5	**59.3**	**64.3**
A8-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**152**	< 0.5	< 0.5	**26.3**	**13.5**	**30.6**	**2.2**	< 0.020	< 0.5	**16.8**	< 0.5	< 0.5	< 0.5	**57.1**	**53.5**
A9-1'	5/5/2016	1.0	< 0.5	< 0.5	**126**	< 0.5	< 0.5	**17.7**	**12.3**	**22.4**	**4.0**	**0.022**	< 0.5	**11.4**	< 0.5	< 0.5	< 0.5	**45.2**	**59.6**
A9-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**189**	< 0.5	< 0.5	**31.1**	**16.1**	**35.5**	**3.0**	< 0.020	< 0.5	**20.0**	< 0.5	< 0.5	< 0.5	**66.1**	**63.8**
A9-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**115**	< 0.5	< 0.5	**20.3**	**11.4**	**21.2**	**1.3**	< 0.020	< 0.5	**12.9**	< 0.5	< 0.5	< 0.5	**47.2**	**43.4**
A9-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**179**	< 0.5	< 0.5	**26.9**	**16.8**	**32.9**	**3.0**	< 0.020	< 0.5	**19.8**	< 0.5	< 0.5	< 0.5	**58.8**	**69.0**
A9-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**171**	< 0.5	< 0.5	**23.1**	**13.0**	**28.6**	**2.6**	< 0.020	< 0.5	**15.4**	< 0.5	< 0.5	< 0.5	**51.8**	**57.2**
A9-20.5'-D	5/5/2016	20.5	< 0.5	< 0.5	**142**	< 0.5	< 0.5	**22.6**	**12.3**	**25.0**	**1.1**	< 0.020	< 0.5	**13.8**	< 0.5	< 0.5	< 0.5	**56.0**	**48.9**
A9-25.5'	5/5/2016	25.5	< 0.5	< 0.5	**113**	< 0.5	< 0.5	**12.6**	**9.2**	**16.3**	**0.6**	< 0.020	< 0.5	**7.8**	< 0.5	< 0.5	< 0.5	**43.7**	**36.1**

Table 5
Summary of CAM-17 Metals (mg/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
A9-30.5'	5/5/2016	30.5	< 0.5	< 0.5	**60.8**	< 0.5	< 0.5	**10.0**	**5.6**	**10.7**	< 0.5	< 0.020	< 0.5	**5.0**	< 0.5	< 0.5	< 0.5	**32.9**	**22.7**
A10-1'	5/5/2016	1.0	< 0.5	< 0.5	**145**	< 0.5	< 0.5	**21.6**	**15.0**	**22.6**	**6.2**	< 0.020	< 0.5	**15.4**	< 0.5	< 0.5	< 0.5	**47.9**	**66.6**
A10-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**83.3**	< 0.5	< 0.5	**20.1**	**7.2**	**14.2**	< 0.5	< 0.020	< 0.5	**8.2**	< 0.5	< 0.5	< 0.5	**33.1**	**34.5**
A10-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**129**	< 0.5	< 0.5	**18.0**	**9.8**	**23.9**	**2.8**	< 0.020	< 0.5	**12.2**	< 0.5	< 0.5	< 0.5	**40.5**	**50.0**
A10-25.5'	5/5/2016	25.5	< 0.5	< 0.5	**242**	< 0.5	< 0.5	**13.0**	**16.0**	**30.3**	**1.4**	< 0.020	< 0.5	**5.3**	< 0.5	< 0.5	< 0.5	**70.2**	**63.0**
A10-30.5'	5/5/2016	30.5	< 0.5	< 0.5	**142**	< 0.5	< 0.5	**19.2**	**12.6**	**29.3**	**2.8**	< 0.020	< 0.5	**14.2**	< 0.5	< 0.5	< 0.5	**49.8**	**62.8**
A11-1'	5/5/2016	1.0	< 0.5	< 0.5	**196**	< 0.5	< 0.5	**28.2**	**15.8**	**106**	**9.6**	< 0.020	< 0.5	**19.9**	< 0.5	< 0.5	< 0.5	**62.2**	**161**
A11-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**126**	< 0.5	< 0.5	**21.9**	**11.6**	**22.8**	**2.2**	< 0.020	< 0.5	**14.4**	< 0.5	< 0.5	< 0.5	**47.3**	**49.3**
A11-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**205**	< 0.5	< 0.5	**31.6**	**18.1**	**31.3**	**3.1**	< 0.020	< 0.5	**22.3**	< 0.5	< 0.5	< 0.5	**67.0**	**73.6**
A11-8.5'-D	5/5/2016	8.5	< 0.5	< 0.5	**123**	< 0.5	< 0.5	**19.1**	**10.2**	**23.2**	**1.5**	< 0.020	< 0.5	**13.2**	< 0.5	< 0.5	< 0.5	**42.8**	**44.4**
A11-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**183**	< 0.5	< 0.5	**28.0**	**15.5**	**30.7**	**2.8**	< 0.020	< 0.5	**19.2**	< 0.5	< 0.5	< 0.5	**60.2**	**66.3**
A11-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**155**	< 0.5	< 0.5	**21.9**	**12.6**	**26.3**	**2.3**	< 0.020	< 0.5	**15.2**	< 0.5	< 0.5	< 0.5	**49.1**	**56.5**
A12-1'	5/5/2016	1.0	< 0.5	< 0.5	**228**	< 0.5	< 0.5	**33.5**	**19.7**	**38.9**	**6.8**	< 0.020	< 0.5	**25.6**	< 0.5	< 0.5	< 0.5	**72.9**	**90.5**
A12-5'	5/5/2016	5.0	< 0.5	< 0.5	**246**	< 0.5	< 0.5	**37.7**	**20.6**	**45.5**	**4.2**	< 0.020	< 0.5	**27.9**	< 0.5	< 0.5	< 0.5	**75.0**	**79.2**
A12-11'	5/5/2016	11.0	< 0.5	< 0.5	**241**	< 0.5	< 0.5	**35.5**	**20.0**	**42.4**	**4.2**	< 0.020	< 0.5	**25.7**	< 0.5	< 0.5	< 0.5	**77.9**	**84.5**
A12-17'	5/5/2016	17.0	< 0.5	< 0.5	**226**	< 0.5	< 0.5	**30.1**	**17.1**	**33.8**	**2.7**	< 0.020	< 0.5	**20.8**	< 0.5	< 0.5	< 0.5	**67.3**	**71.5**
A13-1'	5/5/2016	1.0	< 0.5	< 0.5	**210**	< 0.5	< 0.5	**30.2**	**17.6**	**36.2**	**4.0**	< 0.020	< 0.5	**21.8**	< 0.5	< 0.5	< 0.5	**66.6**	**77.5**
A13-5'	5/5/2016	5.0	< 0.5	< 0.5	**248**	< 0.5	< 0.5	**35.4**	**21.0**	**41.8**	**4.1**	< 0.020	< 0.5	**27.4**	< 0.5	< 0.5	< 0.5	**75.1**	**81.8**
A13-11'	5/5/2016	11.0	< 0.5	< 0.5	**211**	< 0.5	< 0.5	**31.8**	**18.5**	**33.6**	**3.2**	< 0.020	< 0.5	**22.8**	< 0.5	< 0.5	< 0.5	**68.4**	**76.7**
A13-17'	5/5/2016	17.0	< 0.5	< 0.5	**138**	< 0.5	< 0.5	**26.0**	**13.5**	**23.7**	**2.1**	< 0.020	< 0.5	**16.0**	< 0.5	< 0.5	< 0.5	**58.7**	**57.6**
B1-1'	5/4/2016	1.0	< 0.5	< 0.5	**151**	< 0.5	< 0.5	**21.4**	**11.9**	**27.0**	**6.8**	**0.020**	< 0.5	**15.3**	< 0.5	< 0.5	< 0.5	**47.2**	**64.7**
B1-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**128**	< 0.5	< 0.5	**20.1**	**10.4**	**22.9**	**5.5**	**0.037**	< 0.5	**14.1**	< 0.5	< 0.5	< 0.5	**42.9**	**55.2**
B1-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**156**	< 0.5	< 0.5	**27.3**	**14.0**	**24.6**	**6.5**	**0.050**	< 0.5	**17.9**	< 0.5	< 0.5	< 0.5	**57.5**	**63.2**
B1-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**180**	< 0.5	< 0.5	**29.2**	**15.5**	**38.0**	**5.0**	**0.081**	< 0.5	**19.9**	< 0.5	< 0.5	< 0.5	**61.4**	**72.6**
B1-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**146**	< 0.5	< 0.5	**20.8**	**12.9**	**31.0**	**4.9**	**0.071**	< 0.5	**15.6**	< 0.5	< 0.5	< 0.5	**48.8**	**58.6**

Table 5
Summary of CAM-17 Metals (mg/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B2-1'	5/5/2016	1.0	< 0.5	< 0.5	**155**	< 0.5	< 0.5	**23.4**	**14.3**	**23.5**	**3.0**	< 0.020	< 0.5	**16.3**	< 0.5	< 0.5	< 0.5	**50.6**	**62.4**
B2-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**235**	< 0.5	< 0.5	**33.3**	**19.1**	**38.5**	**4.1**	< 0.020	< 0.5	**24.0**	< 0.5	< 0.5	< 0.5	**69.6**	**76.1**
B2-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**111**	< 0.5	< 0.5	**19.0**	**10.4**	**16.5**	**1.2**	< 0.020	< 0.5	**12.6**	< 0.5	< 0.5	< 0.5	**43.3**	**43.0**
B2-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**177**	< 0.5	< 0.5	**28.5**	**17.1**	**34.9**	**3.3**	**0.026**	< 0.5	**19.9**	< 0.5	< 0.5	< 0.5	**62.7**	**69.7**
B2-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**173**	< 0.5	< 0.5	**28.6**	**15.9**	**35.6**	**10.6**	**0.021**	< 0.5	**18.7**	< 0.5	< 0.5	< 0.5	**59.0**	**75.5**
B3-1'	5/4/2016	1.0	< 0.5	< 0.5	**163**	< 0.5	< 0.5	**23.1**	**12.9**	**145**	**19.1**	**0.033**	< 0.5	**17.6**	< 0.5	< 0.5	< 0.5	**51.7**	**136**
B3-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**136**	< 0.5	< 0.5	**23.7**	**12.2**	**34.5**	**2.1**	< 0.020	< 0.5	**17.5**	< 0.5	< 0.5	< 0.5	**49.4**	**54.3**
B3-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**122**	< 0.5	< 0.5	**19.8**	**10.3**	**19.7**	**2.6**	< 0.020	< 0.5	**12.8**	< 0.5	< 0.5	< 0.5	**46.0**	**43.4**
B3-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**173**	< 0.5	< 0.5	**26.8**	**14.9**	**33.4**	**2.9**	< 0.020	< 0.5	**18.7**	< 0.5	< 0.5	< 0.5	**58.4**	**65.1**
B3-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**130**	< 0.5	< 0.5	**18.5**	**11.1**	**28.0**	**3.7**	**0.039**	< 0.5	**12.8**	< 0.5	< 0.5	< 0.5	**43.1**	**52.4**
B4-1'	5/4/2016	1.0	< 0.5	**2.3**	**182**	< 0.5	**0.8**	**25.9**	**11.7**	**133**	**108**[1]	**0.027**	< 0.5	**19.7**	< 0.5	< 0.5	< 0.5	**44.3**	**1,580**
B4-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**151**	< 0.5	< 0.5	**26.4**	**13.7**	**32.3**	**2.7**	< 0.020	< 0.5	**17.7**	< 0.5	< 0.5	< 0.5	**58.8**	**880**
B4-4.5D	5/4/2016	4.5	< 0.5	< 0.5	**97.6**	< 0.5	< 0.5	**6.7**	**5.8**	**20.6**	**0.8**	< 0.020	< 0.5	**3.5**	< 0.5	< 0.5	< 0.5	**29.2**	**233**
B4-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**91.6**	< 0.5	< 0.5	**14.5**	**8.0**	**15.1**	**0.7**	< 0.020	< 0.5	**9.2**	< 0.5	< 0.5	< 0.5	**37.2**	**38.2**
B4-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**138**	< 0.5	< 0.5	**22.2**	**13.2**	**23.0**	**3.3**	< 0.020	< 0.5	**14.1**	< 0.5	< 0.5	< 0.5	**48.0**	**54.6**
B4-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**176**	< 0.5	< 0.5	**28.2**	**15.5**	**35.4**	**3.8**	**0.030**	< 0.5	**19.7**	< 0.5	< 0.5	< 0.5	**62.8**	**68.5**
B5-1'	5/4/2016	1.0	< 0.5	< 0.5	**66.2**	< 0.5	< 0.5	**16.4**	**10.4**	**10.7**	< 0.5	**0.038**	< 0.5	**8.7**	< 0.5	< 0.5	< 0.5	**27.4**	**37.6**
B5-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**215**	< 0.5	< 0.5	**16.2**	**10.6**	**17.2**	**1.1**	**0.047**	< 0.5	**11.1**	< 0.5	< 0.5	< 0.5	**45.0**	**45.4**
B5-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**162**	< 0.5	< 0.5	**25.3**	**13.8**	**28.0**	**2.4**	< 0.020	< 0.5	**18.1**	< 0.5	< 0.5	< 0.5	**52.9**	**56.8**
B5-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**168**	< 0.5	< 0.5	**25.0**	**15.1**	**28.4**	**2.3**	< 0.020	< 0.5	**17.2**	< 0.5	< 0.5	< 0.5	**57.6**	**62.0**
B5-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**178**	< 0.5	< 0.5	**29.4**	**16.8**	**35.0**	**3.4**	< 0.020	< 0.5	**20.2**	< 0.5	< 0.5	< 0.5	**64.2**	**70.6**
B6-1'	5/4/2016	1.0	< 0.5	< 0.5	**153**	< 0.5	< 0.5	**24.0**	**13.5**	**24.6**	**2.2**	< 0.020	< 0.5	**16.0**	< 0.5	< 0.5	< 0.5	**52.8**	**58.2**
B6-4.5'	5/4/2016	4.5	< 0.5	< 0.5	**125**	< 0.5	< 0.5	**16.1**	**10.1**	**17.9**	**1.0**	**0.044**	< 0.5	**11.4**	< 0.5	< 0.5	< 0.5	**43.2**	**41.1**
B6-8.5'	5/4/2016	8.5	< 0.5	< 0.5	**197**	< 0.5	< 0.5	**31.8**	**18.7**	**37.9**	**5.1**	< 0.020	< 0.5	**23.6**	< 0.5	< 0.5	< 0.5	**67.3**	**78.0**
B6-14.5'	5/4/2016	14.5	< 0.5	< 0.5	**90.7**	< 0.5	< 0.5	**10.9**	**7.1**	**11.9**	< 0.5	< 0.020	< 0.5	**6.8**	< 0.5	< 0.5	< 0.5	**32.8**	**32.9**
B6-20.5'	5/4/2016	20.5	< 0.5	< 0.5	**194**	< 0.5	< 0.5	**30.0**	**18.4**	**35.6**	**4.2**	< 0.020	< 0.5	**21.7**	< 0.5	< 0.5	< 0.5	**66.8**	**67.6**

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SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B7-1'	5/5/2016	1.0	< 0.5	< 0.5	**128**	< 0.5	< 0.5	**17.9**	**11.0**	**22.6**	**59.6**[1]	**0.030**	< 0.5	**10.8**	< 0.5	< 0.5	< 0.5	**41.1**	**62.8**
B7-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**189**	< 0.5	< 0.5	**29.7**	**16.9**	**33.4**	**3.8**	**0.036**	< 0.5	**20.5**	< 0.5	< 0.5	< 0.5	**63.5**	**70.5**
B7-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**81.2**	< 0.5	< 0.5	**17.8**	**8.0**	**19.7**	**0.7**	< 0.020	< 0.5	**16.9**	< 0.5	< 0.5	< 0.5	**33.8**	**32.3**
B7-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**106**	< 0.5	< 0.5	**19.0**	**10.8**	**19.3**	**1.0**	< 0.020	< 0.5	**11.4**	< 0.5	< 0.5	< 0.5	**44.1**	**44.0**
B7-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**267**	< 0.5	< 0.5	**29.7**	**19.1**	**40.2**	**3.9**	< 0.020	< 0.5	**23.0**	< 0.5	< 0.5	< 0.5	**67.7**	**75.2**
B8-1'	5/5/2016	1.0	< 0.5	< 0.5	**87.8**	< 0.5	< 0.5	**10.2**	**7.6**	**12.3**	**2.5**	**0.022**	< 0.5	**6.8**	< 0.5	< 0.5	< 0.5	**28.2**	**40.4**
B8-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**184**	< 0.5	< 0.5	**29.5**	**17.0**	**32.0**	**2.8**	< 0.020	< 0.5	**20.8**	< 0.5	< 0.5	< 0.5	**64.3**	**67.8**
B8-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**153**	< 0.5	< 0.5	**22.4**	**13.8**	**25.2**	**1.8**	< 0.020	< 0.5	**15.5**	< 0.5	< 0.5	< 0.5	**52.9**	**50.6**
B8-8.5D	5/5/2016	8.5	< 0.5	< 0.5	**131**	< 0.5	< 0.5	**21.8**	**13.2**	**23.7**	**1.9**	< 0.020	< 0.5	**15.3**	< 0.5	< 0.5	< 0.5	**50.5**	**48.9**
B8-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**97.0**	< 0.5	< 0.5	**16.0**	**8.2**	**14.8**	**0.9**	< 0.020	< 0.5	**9.0**	< 0.5	< 0.5	< 0.5	**37.2**	**36.7**
B8-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**131**	< 0.5	< 0.5	**22.4**	**13.2**	**22.4**	**2.2**	< 0.020	< 0.5	**15.3**	< 0.5	< 0.5	< 0.5	**50.6**	**53.9**
B9-1'	5/5/2016	1.0	< 0.5	< 0.5	**116**	< 0.5	< 0.5	**14.3**	**10.0**	**18.0**	**4.7**	< 0.020	< 0.5	**9.8**	< 0.5	< 0.5	< 0.5	**37.2**	**57.0**
B9-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**190**	< 0.5	< 0.5	**29.5**	**16.7**	**33.3**	**3.0**	< 0.020	< 0.5	**21.0**	< 0.5	< 0.5	< 0.5	**62.8**	**68.4**
B9-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**158**	< 0.5	< 0.5	**25.7**	**14.2**	**25.8**	**2.1**	< 0.020	< 0.5	**17.7**	< 0.5	< 0.5	< 0.5	**56.0**	**56.1**
B9-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**124**	< 0.5	< 0.5	**13.6**	**9.8**	**15.2**	< 0.5	< 0.020	< 0.5	**8.6**	< 0.5	< 0.5	< 0.5	**41.5**	**39.2**
B9-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**215**	< 0.5	< 0.5	**29.2**	**17.5**	**36.9**	**4.1**	**0.028**	< 0.5	**21.2**	< 0.5	< 0.5	< 0.5	**65.0**	**68.2**
B9-25.5'	5/5/2016	25.5	< 0.5	< 0.5	**111**	< 0.5	< 0.5	**17.7**	**10.3**	**18.8**	**2.3**	< 0.020	< 0.5	**11.3**	< 0.5	< 0.5	< 0.5	**43.3**	**46.0**
B9-30.5'	5/5/2016	30.5	< 0.5	< 0.5	**112**	< 0.5	< 0.5	**18.7**	**11.0**	**20.1**	**2.1**	< 0.020	< 0.5	**12.4**	< 0.5	< 0.5	< 0.5	**49.9**	**44.6**
B10-1'	5/5/2016	1.0	< 0.5	< 0.5	**169**	< 0.5	< 0.5	**24.6**	**14.1**	**25.6**	**5.2**	< 0.020	< 0.5	**16.7**	< 0.5	< 0.5	< 0.5	**56.1**	**69.3**
B10-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**221**	< 0.5	< 0.5	**29.6**	**18.1**	**36.5**	**3.1**	< 0.020	< 0.5	**22.0**	< 0.5	< 0.5	< 0.5	**66.7**	**73.7**
B10-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**236**	< 0.5	< 0.5	**34.6**	**19.6**	**39.3**	**3.4**	< 0.020	< 0.5	**24.9**	< 0.5	< 0.5	< 0.5	**72.6**	**77.3**
B10-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**97.8**	< 0.5	< 0.5	**13.6**	**8.2**	**13.6**	< 0.5	< 0.020	< 0.5	**8.4**	< 0.5	< 0.5	< 0.5	**38.2**	**35.5**
B10-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**222**	< 0.5	< 0.5	**30.7**	**18.6**	**35.6**	**3.0**	**0.021**	< 0.5	**22.1**	< 0.5	< 0.5	< 0.5	**71.0**	**71.3**
B10-25.5'	5/5/2016	25.5	< 0.5	< 0.5	**214**	< 0.5	< 0.5	**30.4**	**15.9**	**51.5**	**3.1**	< 0.020	< 0.5	**19.9**	< 0.5	< 0.5	< 0.5	**79.8**	**65.6**
B10-30.5'	5/5/2016	30.5	< 0.5	< 0.5	**139**	< 0.5	< 0.5	**16.0**	**13.5**	**18.2**	**1.8**	< 0.020	< 0.5	**12.5**	< 0.5	< 0.5	< 0.5	**48.6**	**53.1**

Table 5
Summary of CAM-17 Metals (mg/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B11-1'	5/5/2016	1.0	< 0.5	< 0.5	**152**	< 0.5	< 0.5	**22.3**	**12.7**	**29.4**	**3.3**	< 0.020	< 0.5	**15.9**	< 0.5	< 0.5	< 0.5	**50.0**	**122**
B11-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**206**	< 0.5	< 0.5	**30.2**	**17.1**	**30.5**	**2.8**	< 0.020	< 0.5	**20.7**	< 0.5	< 0.5	< 0.5	**64.8**	**77.6**
B11-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**221**	< 0.5	< 0.5	**33.9**	**18.7**	**42.7**	**3.1**	< 0.020	< 0.5	**24.6**	< 0.5	< 0.5	< 0.5	**71.7**	**77.0**
B11-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**199**	< 0.5	< 0.5	**31.6**	**17.8**	**32.6**	**3.2**	< 0.020	< 0.5	**21.4**	< 0.5	< 0.5	< 0.5	**67.3**	**77.7**
B11-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**174**	< 0.5	< 0.5	**24.7**	**14.8**	**28.8**	**1.8**	< 0.020	< 0.5	**17.3**	< 0.5	< 0.5	< 0.5	**59.8**	**61.5**
B12-1'	5/5/2016	1.0	< 0.5	< 0.5	**221**	< 0.5	< 0.5	**32.8**	**21.3**	**35.6**	**5.8**	< 0.020	< 0.5	**23.4**	< 0.5	< 0.5	< 0.5	**73.1**	**86.3**
B12-5'	5/5/2016	5.0	< 0.5	< 0.5	**218**	< 0.5	< 0.5	**32.4**	**18.2**	**34.3**	**3.1**	< 0.020	< 0.5	**23.3**	< 0.5	< 0.5	< 0.5	**68.0**	**75.4**
B12-5'D	5/5/2016	5.0	< 0.5	< 0.5	**252**	< 0.5	< 0.5	**34.5**	**19.5**	**37.2**	**3.4**	< 0.020	< 0.5	**24.7**	< 0.5	< 0.5	< 0.5	**72.9**	**79.9**
B12-11'	5/5/2016	11.0	< 0.5	< 0.5	**218**	< 0.5	< 0.5	**34.2**	**18.8**	**36.0**	**2.7**	< 0.020	< 0.5	**23.3**	< 0.5	< 0.5	< 0.5	**70.3**	**78.6**
B12-17'	5/5/2016	17.0	< 0.5	< 0.5	**198**	< 0.5	< 0.5	**30.3**	**17.2**	**31.1**	**2.6**	< 0.020	< 0.5	**20.6**	< 0.5	< 0.5	< 0.5	**68.7**	**73.8**
B13-1'	5/6/2016	1.0	< 0.5	< 0.5	**181**	< 0.5	< 0.5	**30.7**	**16.1**	**29.8**	**8.5**	< 0.020	< 0.5	**19.2**	< 0.5	< 0.5	< 0.5	**65.3**	**83.1**
B13-5'	5/6/2016	5.0	< 0.5	< 0.5	**226**	< 0.5	< 0.5	**35.3**	**20.9**	**48.2**	**10.6**	< 0.020	< 0.5	**28.3**	< 0.5	< 0.5	< 0.5	**75.3**	**236**
B13-11'	5/6/2016	11.0	< 0.5	< 0.5	**226**	< 0.5	< 0.5	**32.8**	**20.6**	**37.0**	**3.2**	< 0.020	< 0.5	**24.3**	< 0.5	< 0.5	< 0.5	**71.1**	**82.0**
B13-17'	5/6/2016	17.0	< 0.5	< 0.5	**204**	< 0.5	< 0.5	**28.2**	**17.6**	**30.2**	**2.6**	< 0.020	< 0.5	**20.5**	< 0.5	< 0.5	< 0.5	**65.8**	**69.3**
B14-1'	5/6/2016	1.0	< 0.5	< 0.5	**88.8**	< 0.5	< 0.5	**52.2**[1]	**15.2**	**26.5**	**23.9**	< 0.020	< 0.5	**28.5**	< 0.5	< 0.5	< 0.5	**60.8**	**68.8**
B14-5'	5/6/2016	5.0	< 0.5	< 0.5	**84.3**	< 0.5	< 0.5	**6.7**	**5.6**	**10.3**	< 0.5	< 0.020	< 0.5	**2.3**	< 0.5	< 0.5	< 0.5	**38.7**	**21.7**
B14-11'	5/6/2016	11.0	< 0.5	< 0.5	**179**	< 0.5	< 0.5	**26.7**	**15.2**	**28.8**	**2.1**	< 0.020	< 0.5	**18.9**	< 0.5	< 0.5	< 0.5	**57.1**	**63.5**
B14-17'	5/6/2016	17.0	< 0.5	< 0.5	**190**	< 0.5	< 0.5	**30.6**	**15.8**	**30.9**	**3.0**	< 0.020	< 0.5	**20.2**	< 0.5	< 0.5	< 0.5	**63.1**	**68.5**
B15-1'	5/6/2016	1.0	< 0.5	< 0.5	**47.5**	< 0.5	< 0.5	**45.4**	**16.0**	**19.5**	**7.8**	< 0.020	< 0.5	**27.5**	< 0.5	< 0.5	< 0.5	**51.6**	**52.6**
B15-4'	5/6/2016	4.0	< 0.5	< 0.5	**253**	< 0.5	< 0.5	**24.4**	**13.0**	**23.8**	**6.2**	**0.042**	< 0.5	**24.3**	< 0.5	< 0.5	< 0.5	**69.2**	**62.4**
B15-5'	5/6/2016	5.0	< 0.5	< 0.5	**130**	< 0.5	< 0.5	**27.8**	**6.9**	**15.5**	**3.6**	< 0.020	< 0.5	**20.5**	< 0.5	< 0.5	< 0.5	**48.8**	**35.1**
LB1-1'	5/6/2016	1.0	< 0.5	< 0.5	**148**	< 0.5	< 0.5	**24.9**	**12.8**	**26.1**	**5.6**	< 0.020	< 0.5	**17.1**	< 0.5	< 0.5	< 0.5	**46.7**	**65.9**
LB1-4.5'	5/6/2016	4.5	< 0.5	< 0.5	**145**	< 0.5	< 0.5	**22.8**	**13.1**	**26.9**	**4.1**	< 0.020	< 0.5	**15.4**	< 0.5	< 0.5	< 0.5	**51.7**	**60.9**
LB1-8.5'	5/6/2016	8.5	< 0.5	< 0.5	**210**	< 0.5	< 0.5	**28.7**	**17.2**	**28.5**	**2.0**	< 0.020	< 0.5	**20.6**	< 0.5	< 0.5	< 0.5	**62.5**	**74.7**
LB1-14.5'	5/6/2016	14.5	< 0.5	< 0.5	**212**	< 0.5	< 0.5	**31.4**	**19.7**	**44.6**	**3.9**	< 0.020	< 0.5	**23.3**	< 0.5	< 0.5	< 0.5	**72.0**	**82.0**

Table 5
Summary of CAM-17 Metals (mg/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
LB1-20.5'	5/6/2016	20.5	< 0.5	< 0.5	**156**	< 0.5	< 0.5	**26.0**	**16.1**	**35.9**	**6.0**	**0.024**	< 0.5	**19.1**	< 0.5	< 0.5	< 0.5	**58.8**	**68.3**
LB2-1'	5/6/2016	1.0	< 0.5	< 0.5	**59.5**	< 0.5	< 0.5	**7.0**	**4.5**	**9.3**	**0.8**	< 0.020	< 0.5	**14.0**	< 0.5	< 0.5	< 0.5	**37.5**	**27.4**
LB2-4.5'	5/6/2016	4.5	< 0.5	< 0.5	**246**	< 0.5	< 0.5	**8.1**	**19.2**	**17.9**	**1.4**	< 0.020	< 0.5	**8.2**	< 0.5	< 0.5	< 0.5	**83.8**	**58.6**
LB2-8.5'	5/6/2016	8.5	< 0.5	< 0.5	**188**	< 0.5	< 0.5	**27.4**	**17.3**	**30.7**	**2.7**	< 0.020	< 0.5	**17.9**	< 0.5	< 0.5	< 0.5	**65.6**	**71.5**
LB2-14.5'	5/6/2016	14.5	< 0.5	< 0.5	**191**	< 0.5	< 0.5	**28.2**	**17.5**	**30.7**	**2.6**	< 0.020	< 0.5	**20.6**	< 0.5	< 0.5	< 0.5	**64.8**	**68.6**
LB2-20.5'	5/6/2016	20.5	< 0.5	< 0.5	**250**	< 0.5	< 0.5	**32.8**	**21.6**	**44.9**	**4.3**	< 0.020	< 0.5	**25.4**	< 0.5	< 0.5	< 0.5	**73.9**	**83.2**
LB3-1'	5/6/2016	1.0	< 0.5	< 0.5	**146**	< 0.5	< 0.5	**26.4**	**11.0**	**64.4**	**40.3**	< 0.020	< 0.5	**15.6**	< 0.5	< 0.5	< 0.5	**41.0**	**985**
LB3-1'-D	5/6/2016	1.0	< 0.5	< 0.5	**194**	< 0.5	< 0.5	**28.7**	**16.2**	**37.2**	**5.4**	< 0.020	< 0.5	**21.2**	< 0.5	< 0.5	< 0.5	**63.1**	**104**
LB3-4.5'	5/6/2016	4.5	< 0.5	< 0.5	**184**	< 0.5	< 0.5	**32.4**	**17.5**	**38.3**	**4.2**	< 0.020	< 0.5	**24.0**	< 0.5	< 0.5	< 0.5	**66.3**	**77.2**
LB3-8.5'	5/6/2016	8.5	< 0.5	< 0.5	**94.4**	< 0.5	< 0.5	**6.6**	**6.3**	**6.8**	**0.9**	**0.046**	< 0.5	**5.1**	< 0.5	< 0.5	< 0.5	**22.0**	**56.4**
LB3-14.5'	5/6/2016	14.5	< 0.5	< 0.5	**162**	< 0.5	< 0.5	**22.7**	**13.9**	**25.0**	**2.3**	**0.021**	< 0.5	**16.3**	< 0.5	< 0.5	< 0.5	**54.9**	**57.9**
LB3-20.5'	5/6/2016	20.5	< 0.5	< 0.5	**173**	< 0.5	< 0.5	**30.5**	**16.9**	**31.0**	**3.4**	< 0.020	< 0.5	**21.5**	< 0.5	< 0.5	< 0.5	**66.2**	**71.5**
LB4-1'	5/5/2016	1.0	< 0.5	< 0.5	**159**	< 0.5	< 0.5	**19.1**	**10.3**	**61.3**	**11.9**	< 0.020	< 0.5	**17.9**	< 0.5	< 0.5	< 0.5	**45.8**	**684**
LB4-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**126**	< 0.5	< 0.5	**18.4**	**10.4**	**21.7**	**1.6**	< 0.020	< 0.5	**12.3**	< 0.5	< 0.5	< 0.5	**44.2**	**48.0**
LB4-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**120**	< 0.5	< 0.5	**19.6**	**9.8**	**22.2**	**1.6**	< 0.020	< 0.5	**12.1**	< 0.5	< 0.5	< 0.5	**42.8**	**46.1**
LB4-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**153**	< 0.5	< 0.5	**13.2**	**9.2**	**17.6**	**1.1**	< 0.020	< 0.5	**7.7**	< 0.5	< 0.5	< 0.5	**42.8**	**44.0**
LB4-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**225**	< 0.5	< 0.5	**31.2**	**18.1**	**38.1**	**3.6**	< 0.020	< 0.5	**22.9**	< 0.5	< 0.5	< 0.5	**68.1**	**74.8**
LB5-1'	5/5/2016	1.0	< 0.5	< 0.5	**183**	< 0.5	< 0.5	**27.2**	**15.6**	**33.4**	**4.9**	< 0.020	< 0.5	**19.5**	< 0.5	< 0.5	< 0.5	**57.7**	**87.7**
LB5-1D	5/5/2016	1.0	< 0.5	< 0.5	**41.4**	< 0.5	< 0.5	**22.7**	**9.8**	**10.5**	**1.3**	**0.026**	< 0.5	**21.3**	< 0.5	< 0.5	< 0.5	**31.8**	**28.4**
LB5-4.5'	5/5/2016	4.5	< 0.5	< 0.5	**189**	< 0.5	< 0.5	**26.9**	**16.2**	**30.9**	**2.7**	**0.052**	< 0.5	**19.2**	< 0.5	< 0.5	< 0.5	**59.0**	**65.2**
LB5-8.5'	5/5/2016	8.5	< 0.5	< 0.5	**209**	< 0.5	< 0.5	**35.4**	**20.3**	**37.6**	**4.6**	< 0.020	< 0.5	**24.8**	< 0.5	< 0.5	< 0.5	**70.6**	**79.2**
LB5-14.5'	5/5/2016	14.5	< 0.5	< 0.5	**85.4**	< 0.5	< 0.5	**12.9**	**9.6**	**15.5**	**0.9**	< 0.020	< 0.5	**8.3**	< 0.5	< 0.5	< 0.5	**41.3**	**41.4**
LB5-20.5'	5/5/2016	20.5	< 0.5	< 0.5	**202**	< 0.5	< 0.5	**31.1**	**17.2**	**37.7**	**4.0**	**0.021**	< 0.5	**21.7**	< 0.5	< 0.5	< 0.5	**66.5**	**72.0**

Table 5
Summary of CAM-17 Metals (mg/kg) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
LB6-1'	5/5/2016	1.0	< 0.5	< 0.5	**260**	< 0.5	< 0.5	**35.7**	**19.9**	**45.6**	**4.2**	< 0.020	< 0.5	**26.0**	< 0.5	< 0.5	< 0.5	**75.1**	**81.7**
LB6-5'	5/5/2016	5.0	< 0.5	< 0.5	**205**	< 0.5	< 0.5	**30.1**	**17.1**	**32.6**	**2.7**	< 0.020	< 0.5	**21.6**	< 0.5	< 0.5	< 0.5	**65.4**	**73.7**
LB6-11'	5/5/2016	11.0	< 0.5	< 0.5	**190**	< 0.5	< 0.5	**16.3**	**28.7**	**33.3**	**3.2**	< 0.020	< 0.5	**20.6**	< 0.5	< 0.5	< 0.5	**63.2**	**68.8**
LB6-17'	5/5/2016	17.0	< 0.5	< 0.5	**147**	< 0.5	< 0.5	**23.4**	**13.8**	**30.7**	**2.9**	< 0.020	< 0.5	**15.7**	< 0.5	< 0.5	< 0.5	**57.3**	**57.6**
LB7-1'	5/5/2016	1.0	< 0.5	< 0.5	**166**	< 0.5	< 0.5	**24.7**	**14.8**	**25.8**	**5.2**	< 0.020	< 0.5	**17.4**	< 0.5	< 0.5	< 0.5	**53.4**	**73.2**
LB7-5'	5/5/2016	5.0	< 0.5	< 0.5	**201**	< 0.5	< 0.5	**29.1**	**16.2**	**30.2**	**3.1**	< 0.020	< 0.5	**20.5**	< 0.5	< 0.5	< 0.5	**62.3**	**74.5**
LB7-11'	5/5/2016	11.0	< 0.5	< 0.5	**161**	< 0.5	< 0.5	**27.3**	**14.2**	**26.8**	**2.4**	< 0.020	< 0.5	**18.8**	< 0.5	< 0.5	< 0.5	**56.9**	**57.8**
LB7-17'	5/5/2016	17.0	< 0.5	< 0.5	**165**	< 0.5	< 0.5	**22.3**	**13.1**	**23.0**	**2.2**	< 0.020	< 0.5	**14.8**	< 0.5	< 0.5	< 0.5	**54.0**	**54.1**
LB8-1'	5/5/2016	1.0	< 0.5	< 0.5	**179**	< 0.5	< 0.5	**27.7**	**14.8**	**29.4**	**8.2**	< 0.020	< 0.5	**19.1**	< 0.5	< 0.5	< 0.5	**58.1**	**83.4**
LB8-5'	5/5/2016	5.0	< 0.5	< 0.5	**227**	< 0.5	< 0.5	**35.1**	**20.0**	**38.2**	**4.2**	**0.062**	< 0.5	**25.4**	< 0.5	< 0.5	< 0.5	**74.6**	**82.0**
LB8-11'	5/5/2016	11.0	< 0.5	< 0.5	**211**	< 0.5	< 0.5	**30.0**	**16.4**	**31.3**	**2.7**	**0.023**	< 0.5	**20.0**	< 0.5	< 0.5	< 0.5	**64.8**	**71.7**
LB8-17'	5/5/2016	17.0	< 0.5	< 0.5	**182**	< 0.5	< 0.5	**25.8**	**14.9**	**26.9**	**2.4**	< 0.020	< 0.5	**17.4**	< 0.5	< 0.5	< 0.5	**61.1**	**60.4**
CA TTLC (mg/kg)			**500**	**500**	**10,000**	**75**	**100**	**2,500**	**8,000**	**2,500**	**1,000**	**20**	**3,500**	**2,000**	**100**	**500**	**700**	**2,400**	**5,000**
CA STLC (mg/L)			**15**	**5.0**	**100**	**0.75**	**1.0**	**5.0**	**80**	**25**	**5.0**	**0.2**	**350**	**20**	**1.0**	**5.0**	**7.0**	**24**	**250**

Notes:

CA WET = California Waste Extraction Test
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
Concentrations reported in mg/kg
< 0.020 = Less than the Practical Quantitation Limit
1.1 = Concentration reported above the Practical Quantitation Limit
CA STLC = California Soluble Threshold Limit Concentration
CA TTLC = California Total Threshold Limit Concentration
NA = Not applicable/not analyzed
[1] = Concentration exceeds 10x the STLC value for the metal; CA WET analysis was performed - see Table 3 for CA WET results. Concentrations exceeding 20x the TCLP value for the metal were not included as a part of CA WET analysis.
[2] = Concentration exceeds the CA TTLC for the respective metal, lead TTLC is 1,000 mg/kg; copper TTLC is 2,500 mg/kg; zinc TTLC is 5,000 mg/kg. Soil samples exceeding their respective TTLC require management as a California Hazardous Waste.

Table 6
CAM-17 Metals CA WET Analysis (mg/L) Detected in Soil Samples
SJ4 Burbank, LLC Site
777 North Front Street, Burbank, California

Sample Identification	Date Sampled	Depth (ft bgs)	Chromium WET (mg/L)	Copper WET (mg/L)	Lead WET (mg/L)	Zinc WET (mg/L)
A3-1'	5/4/2016	1.0	NA	**26**[1]	NA	NA
A4-1'	5/4/2016	1.0	NA	**3.7**	NA	NA
A5B-1'	5/4/2016	1.0	NA	NA	**9.8**[1]	NA
A6-4.5'	5/5/2016	4.5	**1.6**	NA	**5.1**[1]	NA
A6-8.5'	5/5/2016	8.5	**4.8**	NA	**5.3**[1]	**3.0**
A6-14.5'	5/5/2016	14.5	**2.7**	NA	NA	**0.82**
A6-20.5'	5/5/2016	20.5	**2.3**	NA	NA	NA
A7-8.5'	5/5/2016	8.5	NA	**42**[1]	**8.3**[1]	NA
B4-1'	5/4/2016	1.0	NA	NA	**0.68**	NA
B14-1'	5/6/2016	1.0	**0.19**	NA	NA	NA
CA STLC (mg/L)			5.0	25	5.0	250

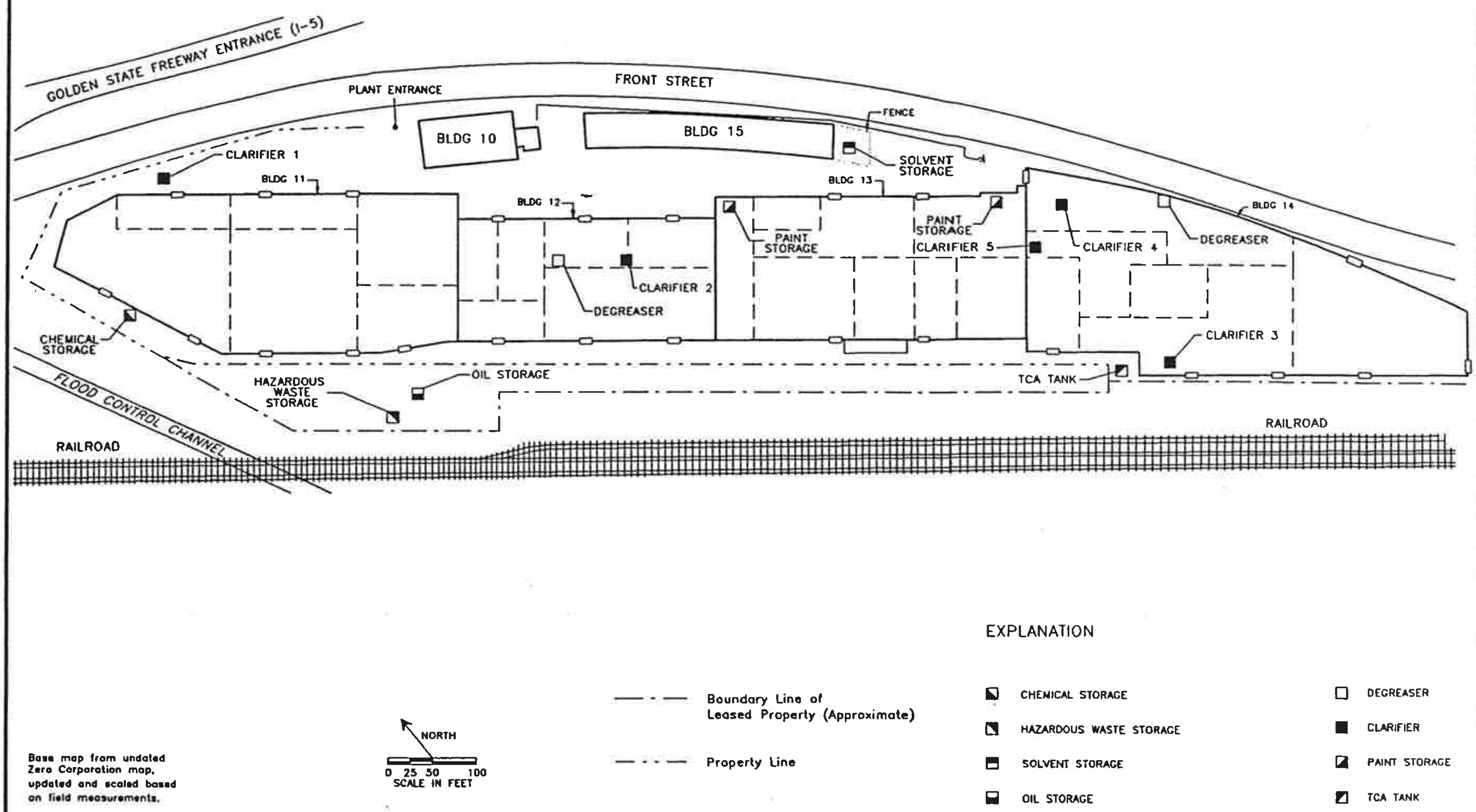
Notes:

ft bgs = Feet below ground surface
mg/L = Milligrams per liter
mg/kg = Milligrams per kilogram
1.1 = Concentration reported above laboratory detection limit
CA STLC = California Soluble Threshold Limit Concentration
NA = Not analyzed

APPENDIX A-1

HYDRO GEO CHEM, INC.
1992 FIGURES

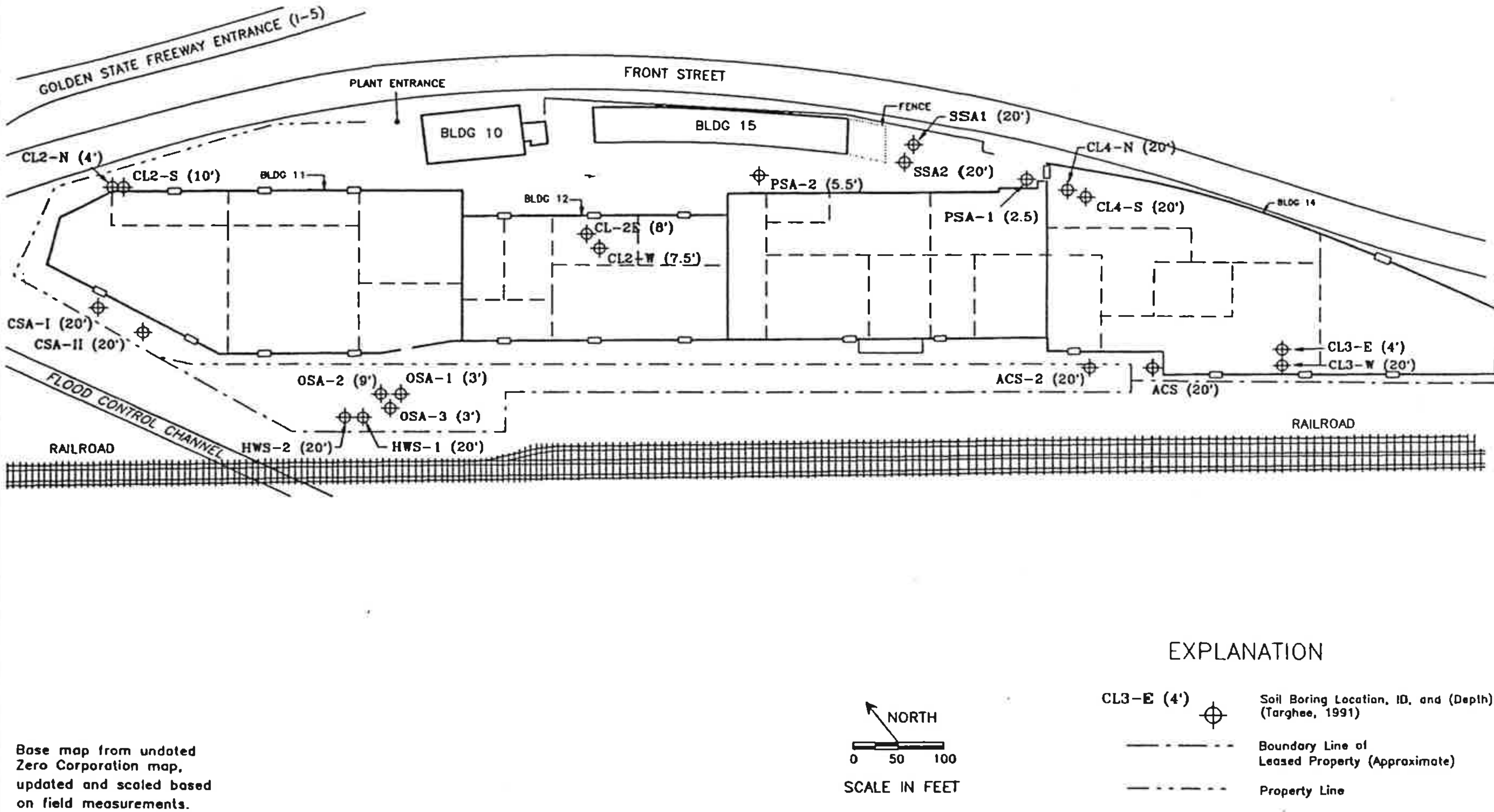
Leighton



HYDRO GEO CHEM, INC.

FACILITY MAP
ZERO ENCLOSURES
777 FRONT STREET, BURBANK, CA.

Approved	Date	Revised	Date	Reference:	FIG.
JW	9/21/92			4652014A	2



Base map from undated Zero Corporation map, updated and scaled based on field measurements.

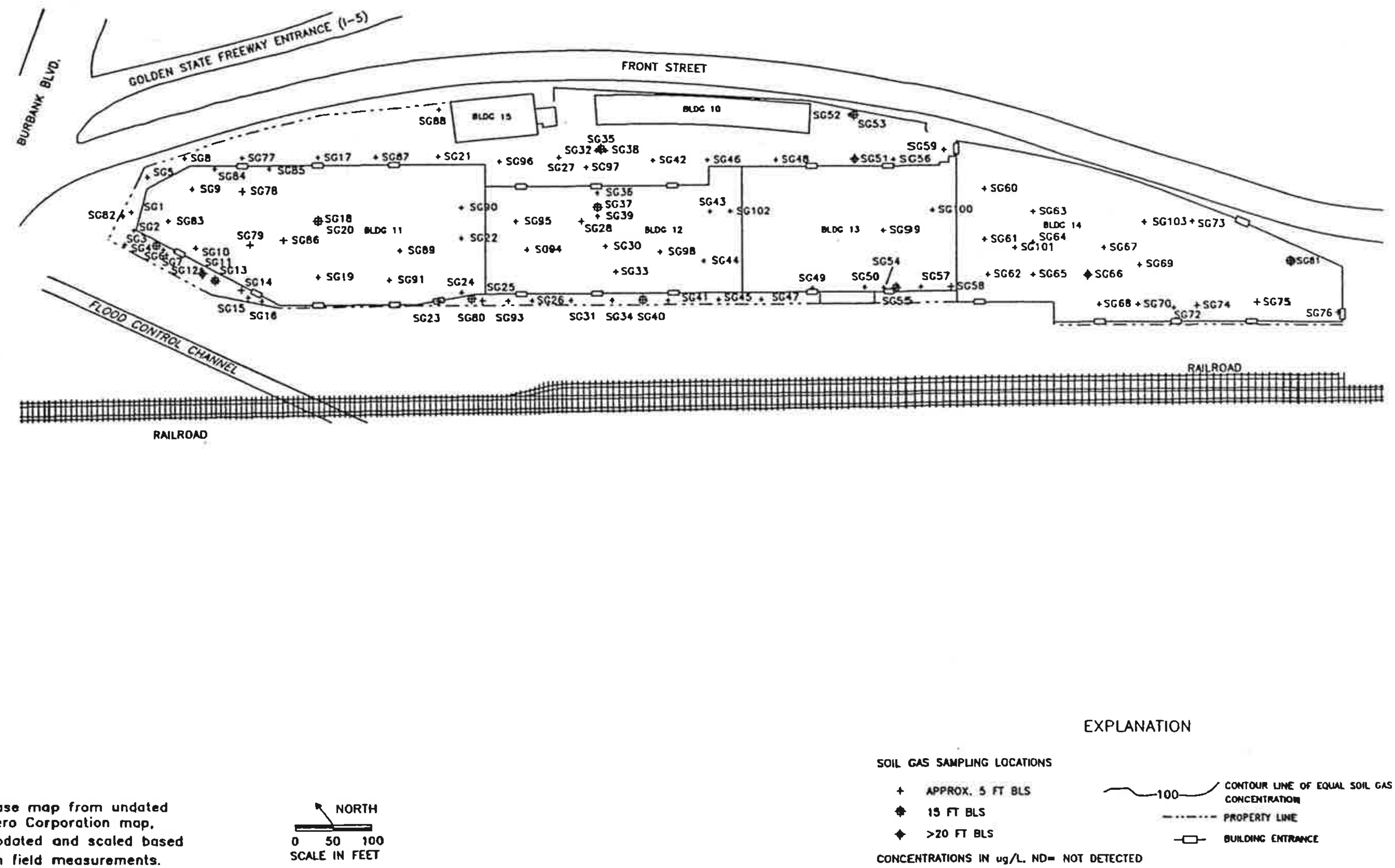
HYDRO GEO CHEM, INC.

LOCATIONS OF PREVIOUS SOIL BORINGS

ZERO ENCLOSURES

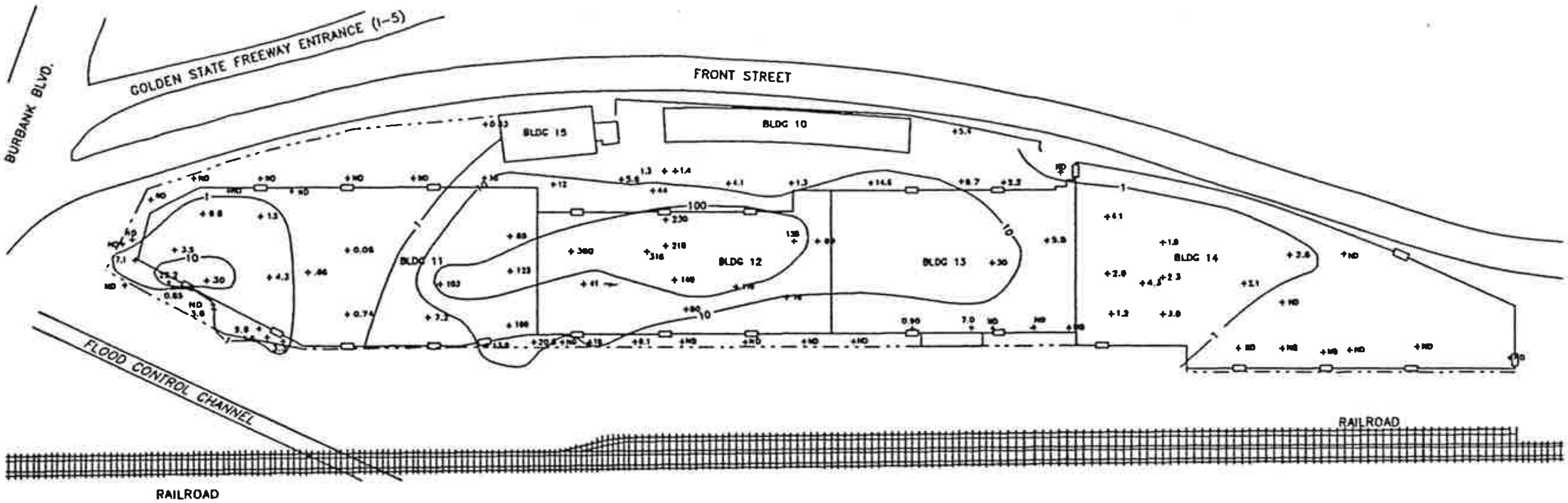
777 FRONT STREET, BURBANK, CA.

Approved	Date	Revised	Date	Reference:	FIG.
JLW	7/20/92			4652015A	3



Base map from undated Zero Corporation map, updated and scaled based on field measurements.

HYDRO GEO CHEM, INC.	LOCATIONS OF JANUARY 1992 SOIL GAS DRIVE POINTS ZERO ENCLOSURES 777 FRONT ST., BURBANK, CA					
	Approved	Date	Revised	Date	Reference: 4652001K	FIG. 4
	[signature]	7/30/92				



Base map from undated Zero Corporation map, updated and scaled based on field measurements.

NORTH

0 50 100
SCALE IN FEET

EXPLANATION

SOIL GAS SAMPLING LOCATIONS

+ APPROX. 5 FT BLS

15 FT BLS

>20 FT BLS

CONCENTRATIONS IN ug/L, ND= NOT DETECTED

—100— CONTOUR LINE OF EQUAL SOIL GAS CONCENTRATION

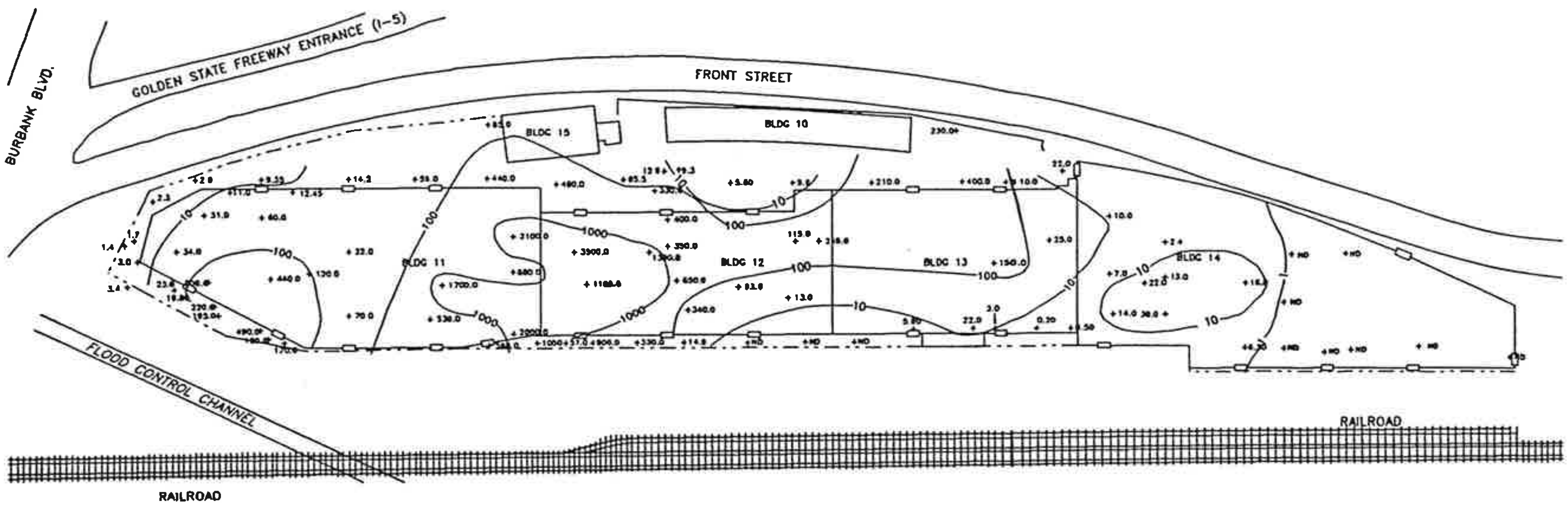
PROPERTY LINE

BUILDING ENTRANCE

HYDRO GEO CHEM, INC.

DISTRIBUTION OF TCE IN SOIL GAS SAMPLES, PREVIOUS INVESTIGATION
ZERO ENCLOSURES
777 FRONT ST., BURBANK, CA

Approved	Date	Revised	Date	Reference:	FIG.
[illegible signature]	7/30/92			4652001K	5



Base map from undated Zero Corporation map, updated and scaled based on field measurements.

NORTH

0 50 100
SCALE IN FEET

EXPLANATION

SOIL GAS SAMPLING LOCATIONS

- APPROX. 5 FT BLS
- 15 FT BLS
- >20 FT BLS

CONCENTRATIONS IN ug/L, ND= NOT DETECTED

100 CONTOUR LINE OF EQUAL SOIL GAS CONCENTRATION

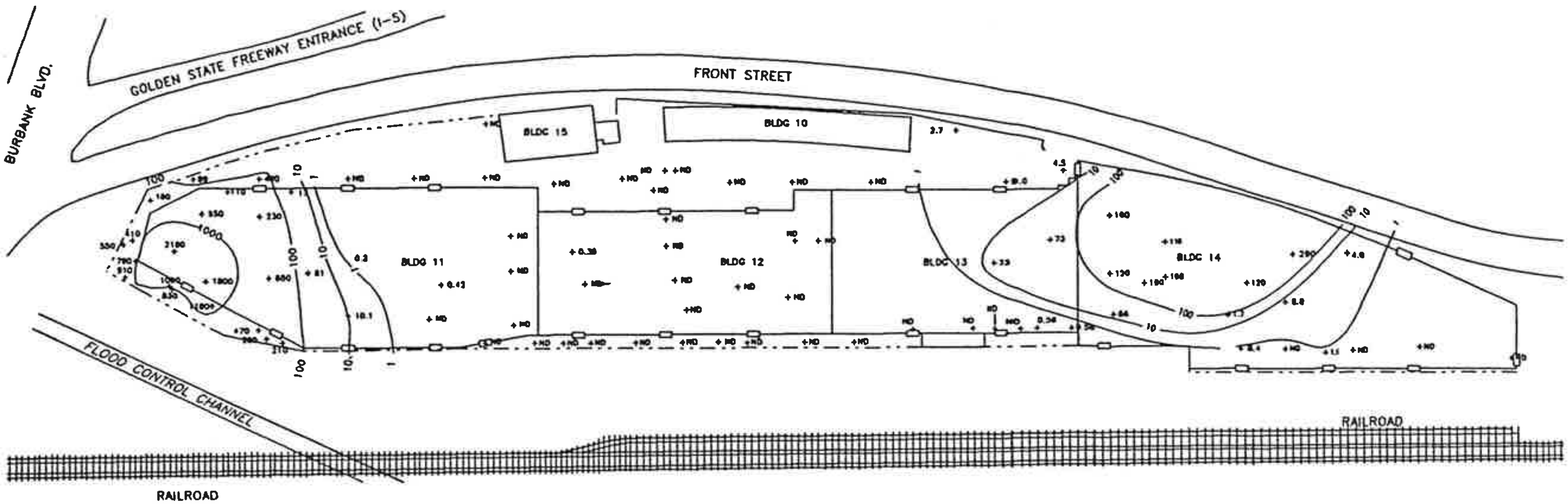
PROPERTY LINE

BUILDING ENTRANCE

HYDRO GEO CHEM, INC.

DISTRIBUTION OF PCE IN SHALLOW SOIL GAS SAMPLES, PREVIOUS INVESTIGATION
ZERO ENCLOSURES
777 FRONT ST., BURBANK, CA

Approved	Date	Revised	Date	Reference:	FIG.
JLW	9/30/92			4652001K	6



Base map from undated Zero Corporation map, updated and scaled based on field measurements.

NORTH

0 50 100
SCALE IN FEET

EXPLANATION

SOIL GAS SAMPLING LOCATIONS

- + APPROX. 5 FT BLS
- 15 FT BLS
- >20 FT BLS

100 CONTOUR LINE OF EQUAL SOIL GAS CONCENTRATION

PROPERTY LINE

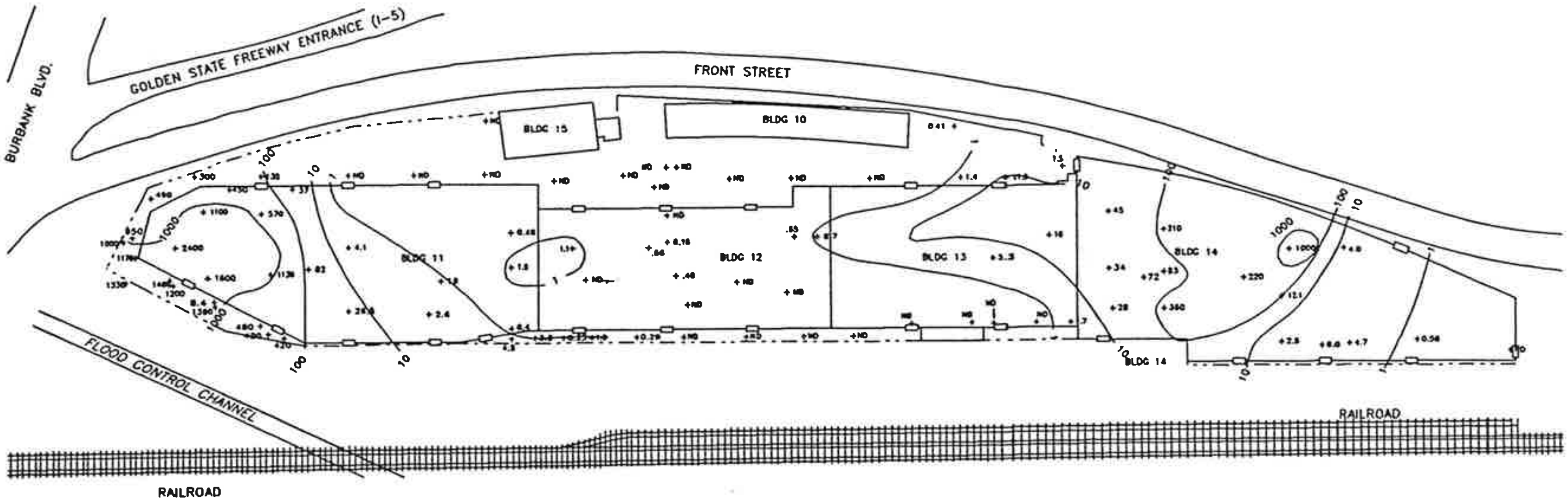
BUILDING ENTRANCE

CONCENTRATIONS IN ug/L. ND= NOT DETECTED

HYDRO GEO CHEM, INC.

DISTRIBUTION OF 1,1-DCE IN SHALLOW SOIL GAS SAMPLES, PREVIOUS INVESTIGATION
ZERO ENCLOSURES
777 FRONT ST., BURBANK, CA

Approved	Date	Revised	Date	Reference:	FIG.
JLW	9/30/92			4652001K	7



EXPLANATION

SOIL GAS SAMPLING LOCATIONS

+ APPROX. 5 FT BLS

15 FT BLS

>20 FT BLS

CONCENTRATIONS IN ug/L. ND= NOT DETECTED

100 CONTOUR LINE OF EQUAL SOIL GAS CONCENTRATION

PROPERTY LINE

BUILDING ENTRANCE

Base map from undated Zero Corporation map, updated and scaled based on field measurements.

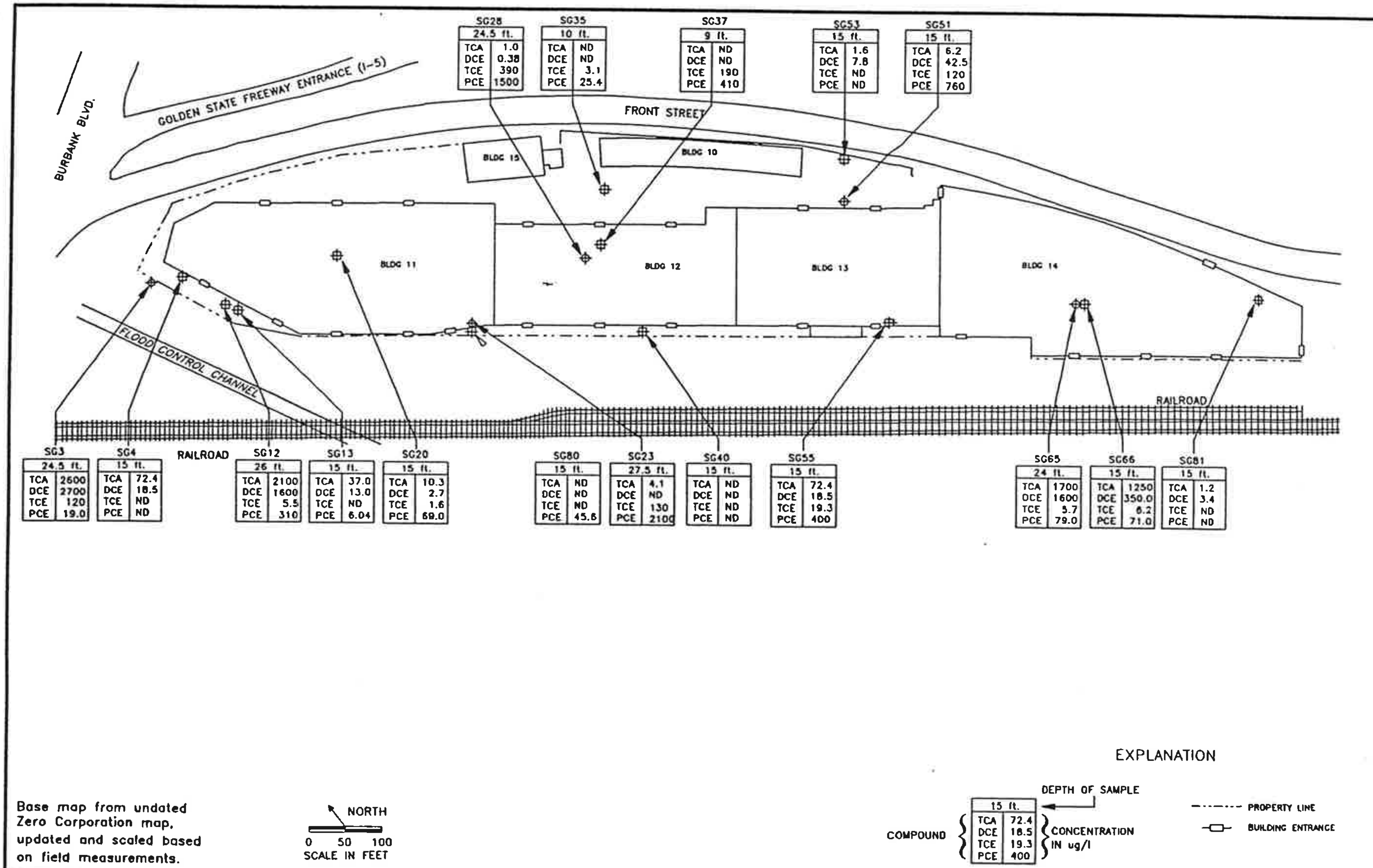
NORTH

0 50 100
SCALE IN FEET

HYDRO GEO CHEM, INC.

DISTRIBUTION OF 1,1,1-TCA IN SHALLOW SOIL GAS SAMPLES, PREVIOUS INVESTIGATION
ZERO ENCLOSURES
777 FRONT ST., BURBANK, CA

Approved	Date	Revised	Date	Reference:	FIG.
JW	9/30/96			4652001K	8



HYDRO GEO CHEM, INC.

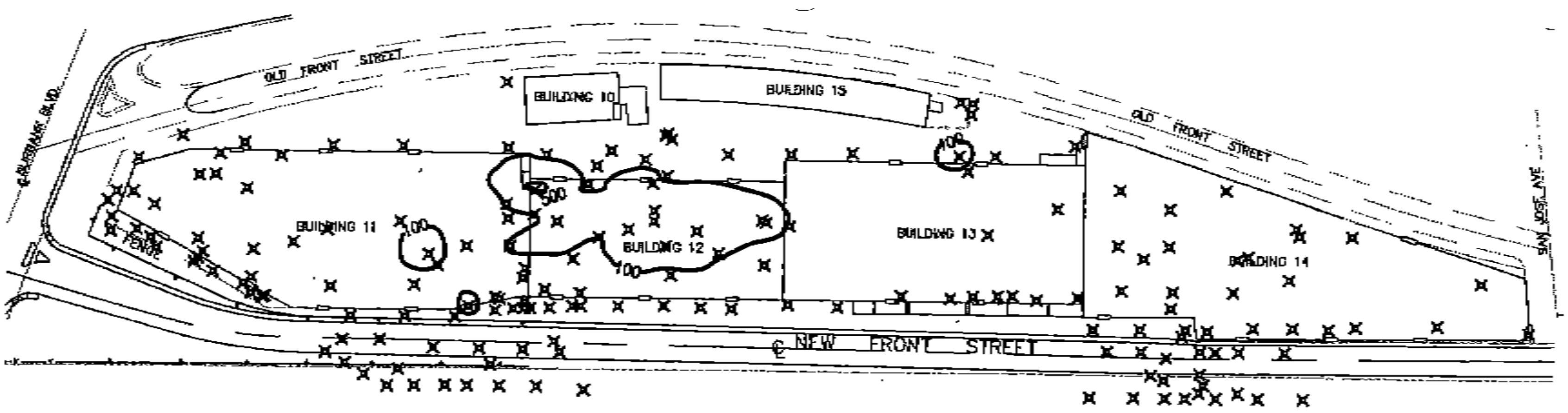
DISTRIBUTION OF TCA, DCE, TCE, & PCE IN DEEPER SOIL GAS SAMPLES, PREVIOUS INVESTIGATION
ZERO ENCLOSURES
777 FRONT ST., BURBANK, CA

Approved	Date	Revised	Date	Reference:	FIG.
GW	9/30/92			4652001K	9

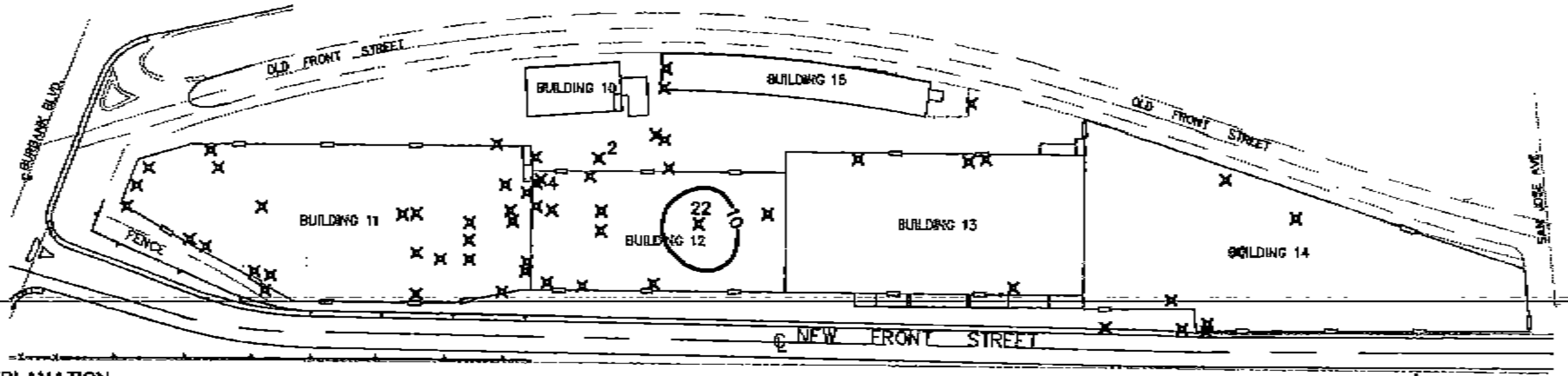
APPENDIX A-2

HYDRO GEO CHEM, INC.
2001 FIGURES

Leighton



PRE-REMEDIAL CONDITIONS



EXPLANATION

22 SOIL GAS SAMPLING LOCATION
× SOIL GAS CONCENTRATION (ug/L)

—100— SOIL GAS CONCENTRATION CONTOURS (ug/L)

SHALLOW-LEVEL: 0-25 FEET BELOW GRADE

POST-REMEDIAL SAMPLING LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

POST-REMEDIAL CONDITIONS

N

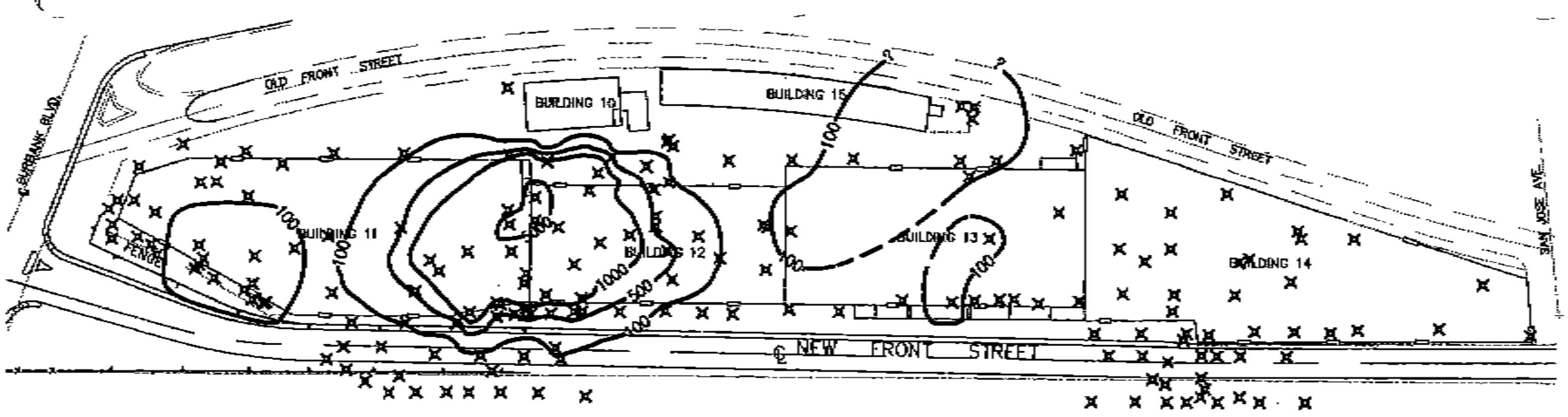
0 100 200 400
SCALE IN FEET

HYDRO GEO CHEM, INC.

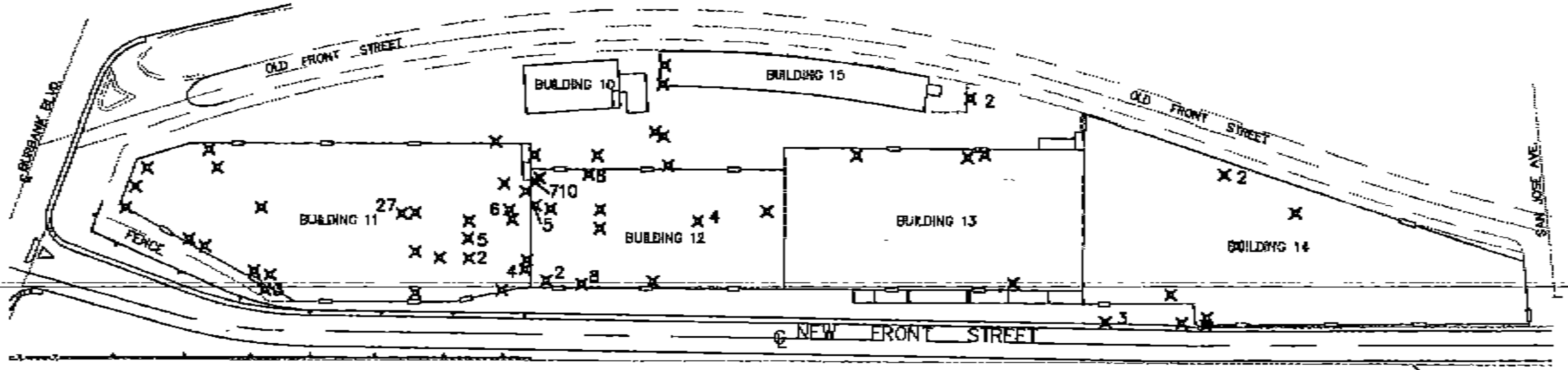
SHALLOW LEVEL TCE SOIL GAS CONCENTRATIONS PRE - AND POST- REMEDIAL CONDITIONS

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/01/01			4650551A	14

NAME: K:/46505/4650551A.DWG DATE: APRIL 02, 2001 TIME: 10:20 AM



PRE-REMEDIAL CONDITIONS



POST-REMEDIAL CONDITIONS

0 100 200 400
SCALE IN FEET

EXPLANATION

27 ✕	SOIL GAS SAMPLING LOCATION, SOIL GAS CONCENTRATION (ug/L)
—100—	SOIL GAS CONCENTRATION CONTOURS (ug/L)

SHALLOW-LEVEL: 0-25 FEET BELOW GRADE

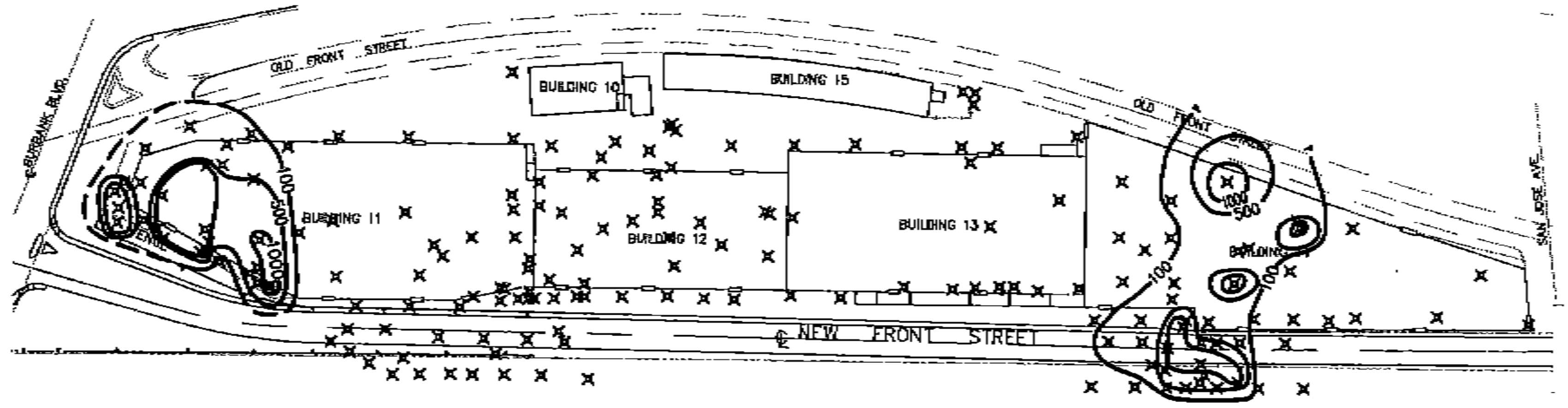
POST-REMEDIAL SAMPLING LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

NAME: K:/46505/4650550A.DWG DATE: APRIL 02, 2001 TIME: 10:30 AM

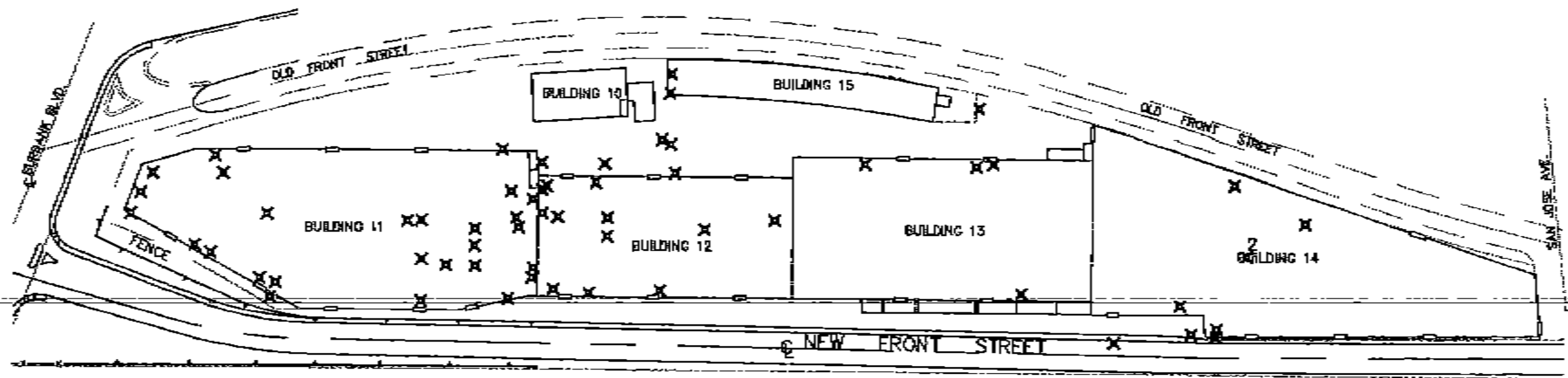
HYDRO GEO CHEM, INC.

SHALLOW LEVEL PCE SOIL GAS CONCENTRATIONS PRE- AND POST-REMEDIAL CONDITIONS

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/01/01			4650550A	15



PRE-REMEDIAL CONDITIONS



EXPLANATION

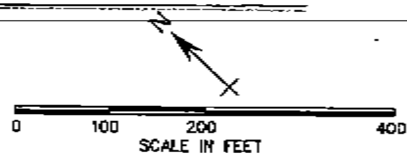
2 SOIL GAS SAMPLING LOCATION,
x SOIL GAS CONCENTRATION (ug/L)

—100— SOIL GAS CONCENTRATION CONTOURS (ug/L)

SHALLOW-LEVEL: 0-25 FEET BELOW GRADE

POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

POST-REMEDIAL CONDITIONS

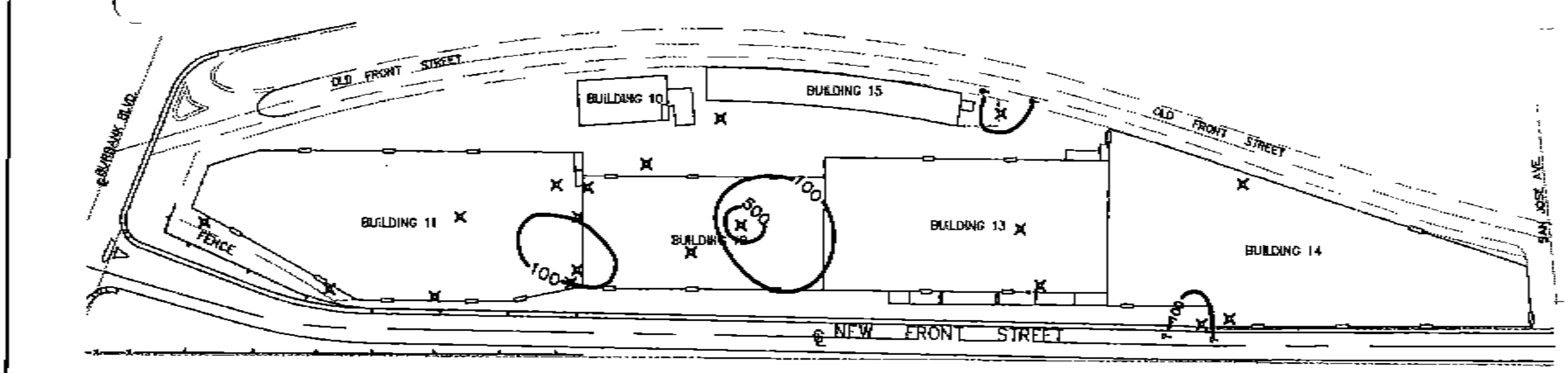


HYDRO GEO CHEM, INC.

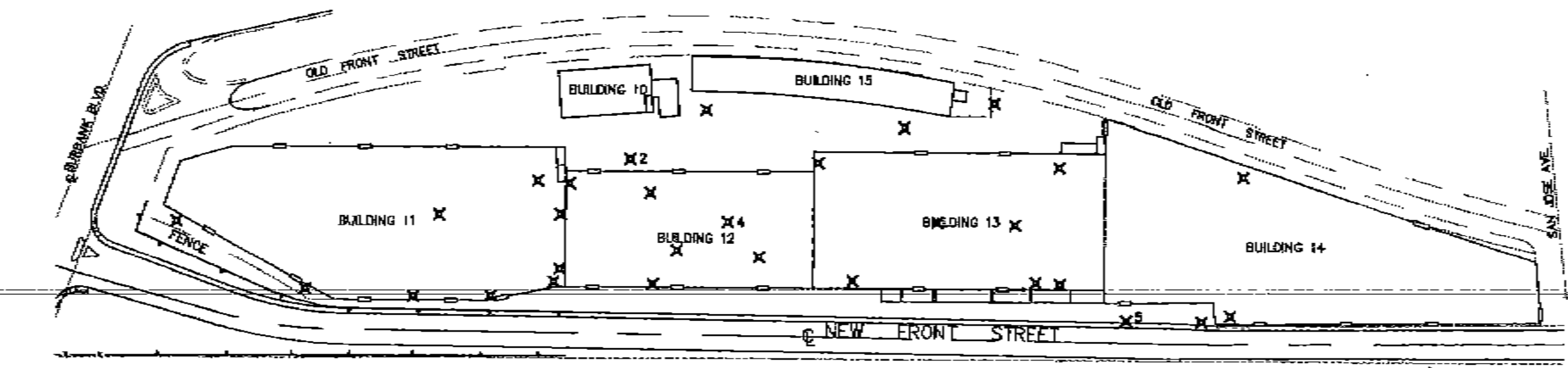
SHALLOW LEVEL 1,1,1-TCA SOIL GAS CONCENTRATIONS PRE- AND POST-REMEDIAL CONDITIONS

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/01/01			4650552A	16

NAME: K:/46505/4650552A.DWG DATE: APRIL 02, 2001 TIME: 10:35 AM



PRE-REMEDIAL CONDITIONS



POST-REMEDIAL CONDITIONS

N

0 100 200 400
SCALE IN FEET

EXPLANATION

4 SOIL GAS SAMPLING LOCATION,
✕ SOIL GAS CONCENTRATION (ug/L)

——100—— SOIL GAS CONCENTRATION CONTOURS (ug/L)

MID-LEVEL: 25-60 FEET BELOW GRADE

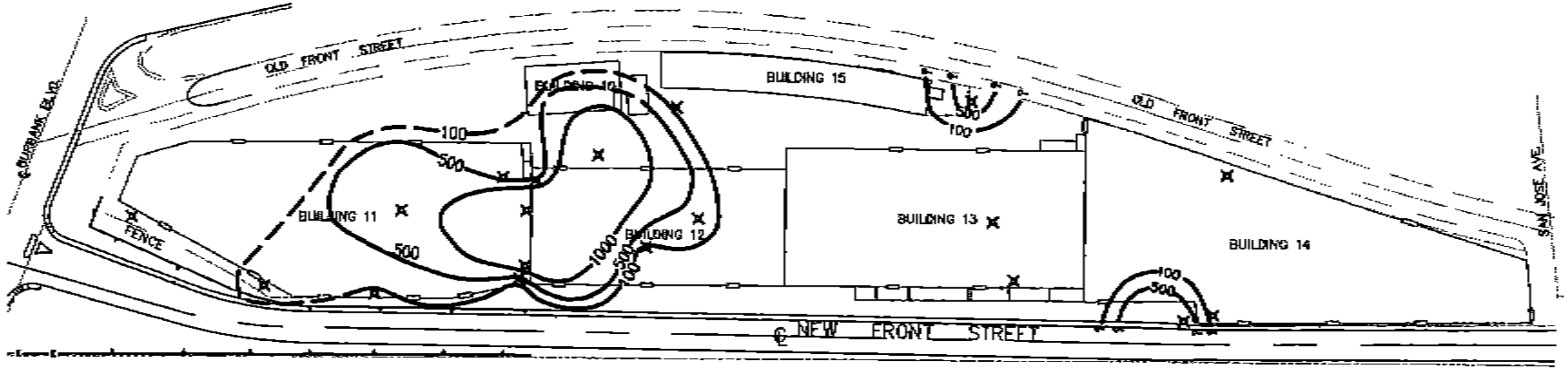
POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

NAME: K:/46505/4650548A.DWG DATE: APRIL 02, 2001 TIME: 10:45 AM

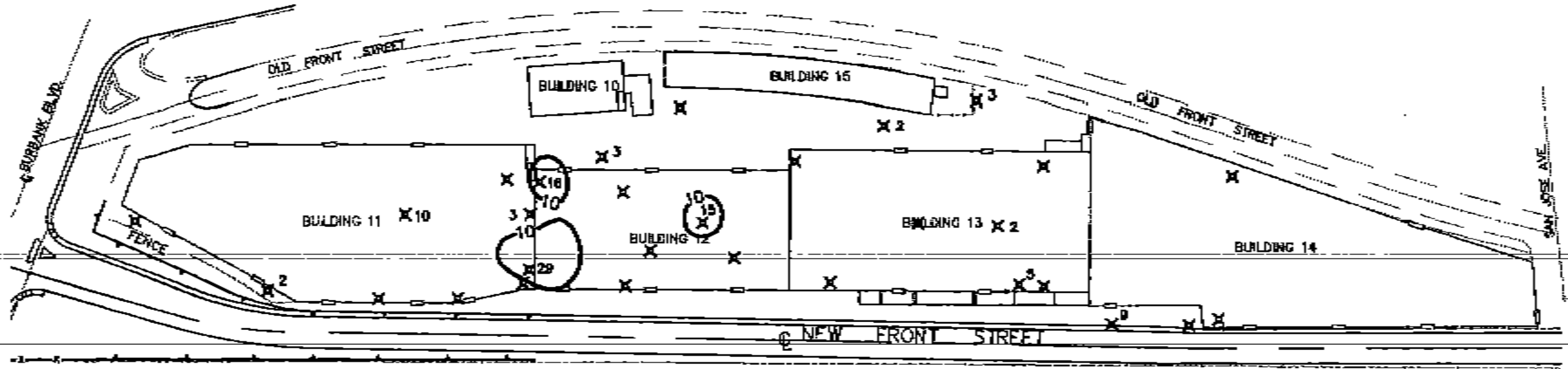
HYDRO GEO CHEM, INC.

MID-LEVEL TCE SOIL GAS CONCENTRATIONS
PRE- AND POST-REMEDIAL CONDITIONS

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/01/01			4650548A	17



PRE-REMEDIAL CONDITIONS



EXPLANATION

2 ✕ SOIL GAS SAMPLING LOCATION, SOIL GAS CONCENTRATION (ug/L)

—100— SOIL GAS CONCENTRATION CONTOURS (ug/L)

MID-LEVEL: 25-60 FEET BELOW GRADE

POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

POST-REMEDIAL CONDITIONS

N

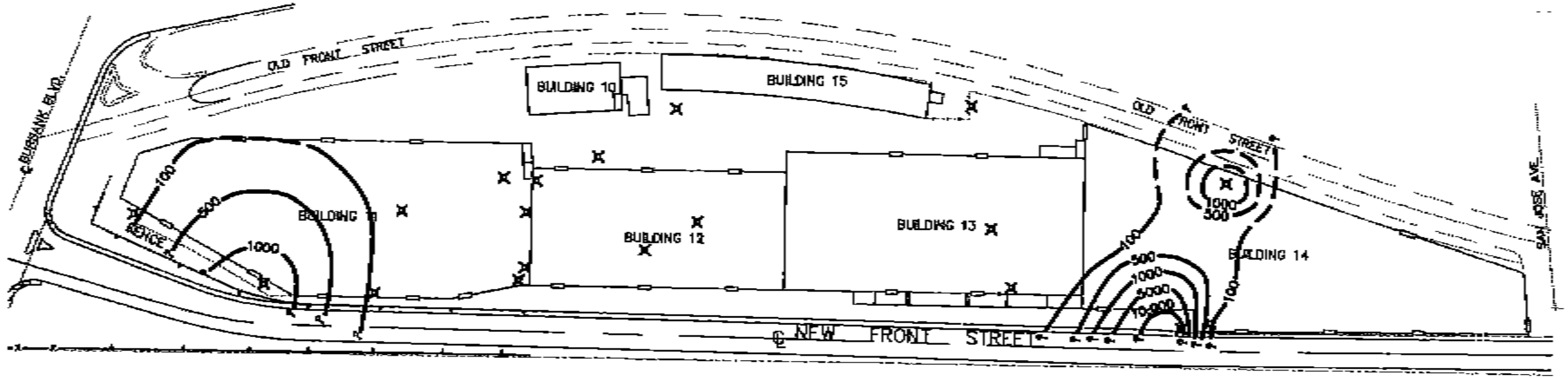
0 100 200 400
SCALE IN FEET

HYDRO GEO CHEM, INC.

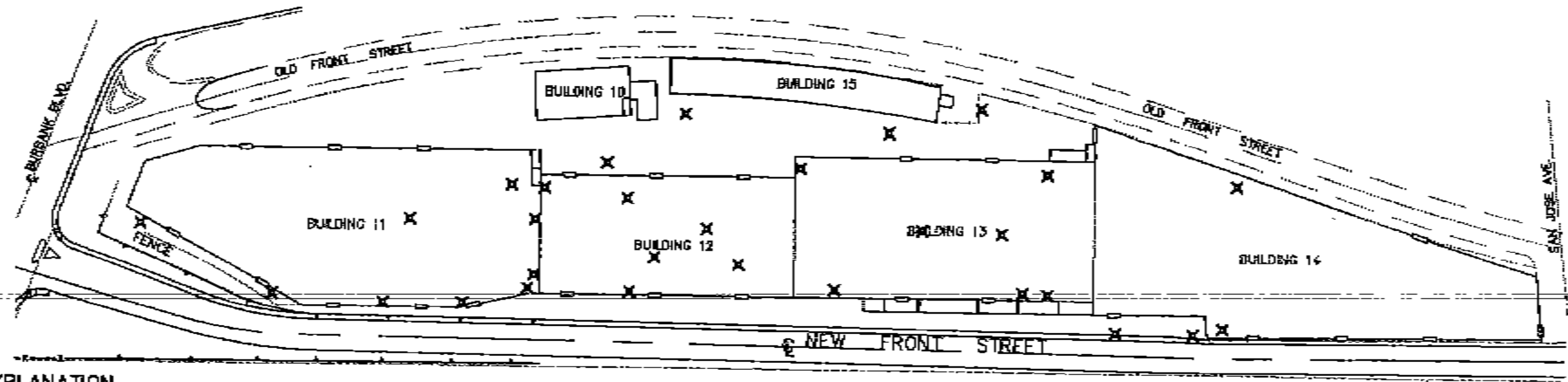
MID-LEVEL PCE SOIL GAS CONCENTRATIONS PRE- AND POST-REMEDIAL CONDITIONS

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/01/01			4650547A	18

NAME: K:/46505/4650547A.DWG DATE: APRIL 02, 2001 TIME: 10:52 AM



PRE-REMEDIAL CONDITIONS



EXPLANATION

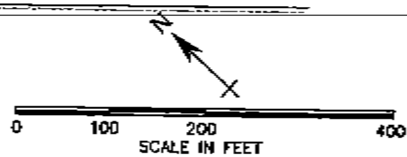
2 ✕ SOIL GAS SAMPLING LOCATION, SOIL GAS CONCENTRATION (ug/L)

—100— SOIL GAS CONCENTRATION CONTOURS (ug/L)

MID LEVEL: 25-60 FEET BELOW GRADE

ALL POST-REMEDIAL SAMPLING LOCATIONS NON-DETECT (<1ug/L)

POST-REMEDIAL CONDITIONS

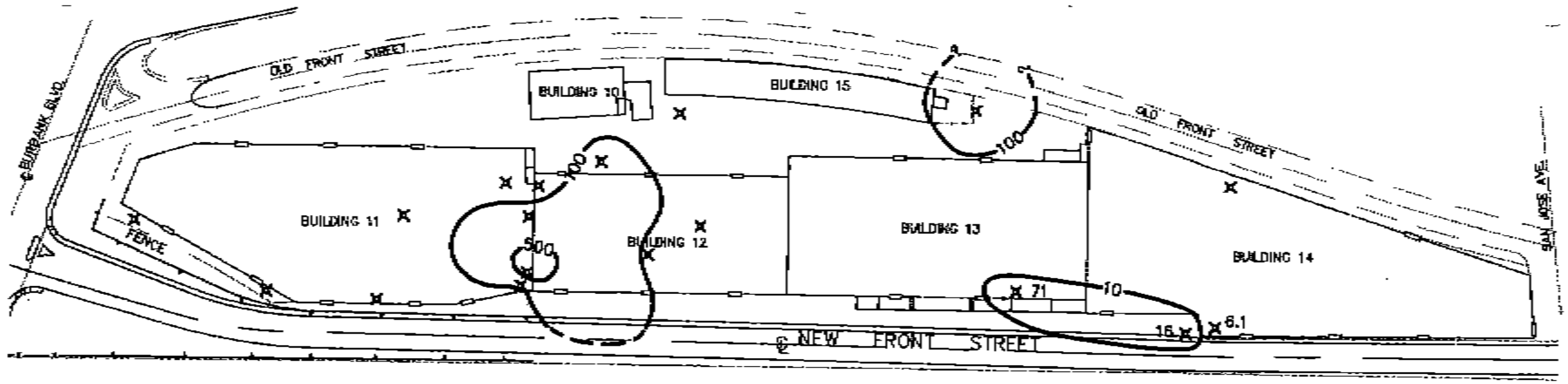


HYDRO GEO CHEM, INC.

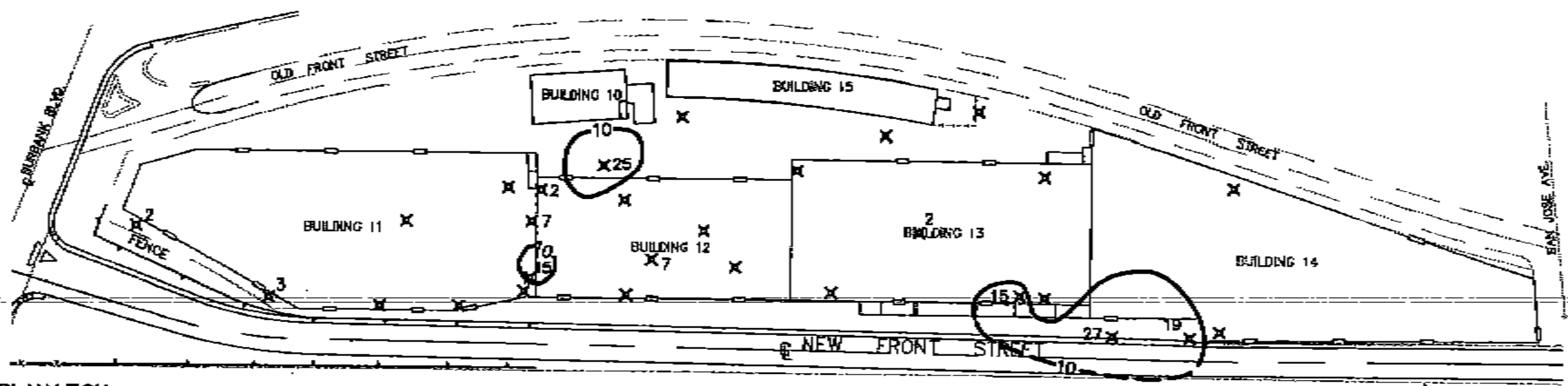
MID-LEVEL 1,1,1-TCA SOIL GAS CONCENTRATIONS PRE- AND POST-REMEDIAL CONDITIONS

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/01/01			4650549A	19

NAME: K:/46505/4650549A.DWG DATE: APRIL 02, 2001 TIME: 11:00 AM



PRE-REMEDIAL CONDITIONS



POST-REMEDIAL CONDITIONS

EXPLANATION

71 SOIL GAS SAMPLING LOCATION, SOIL GAS CONCENTRATION (ug/L)

—100— SOIL GAS CONCENTRATION CONTOURS (ug/L)

DEEP LEVEL: 60–85 FEET BELOW GRADE

POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

N

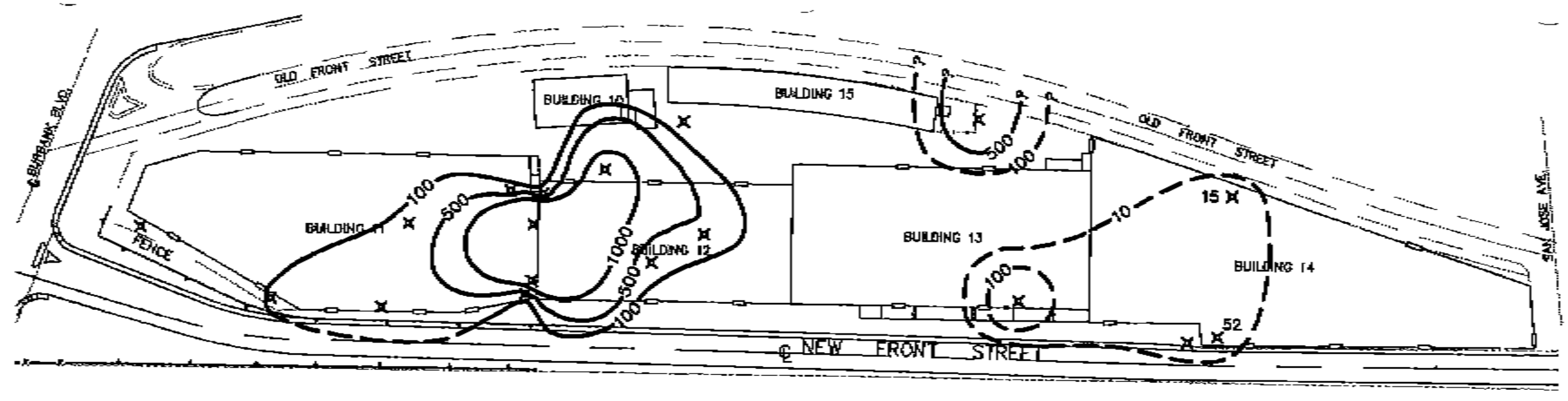
0 100 200 400
SCALE IN FEET

HYDRO GEO CHEM, INC.

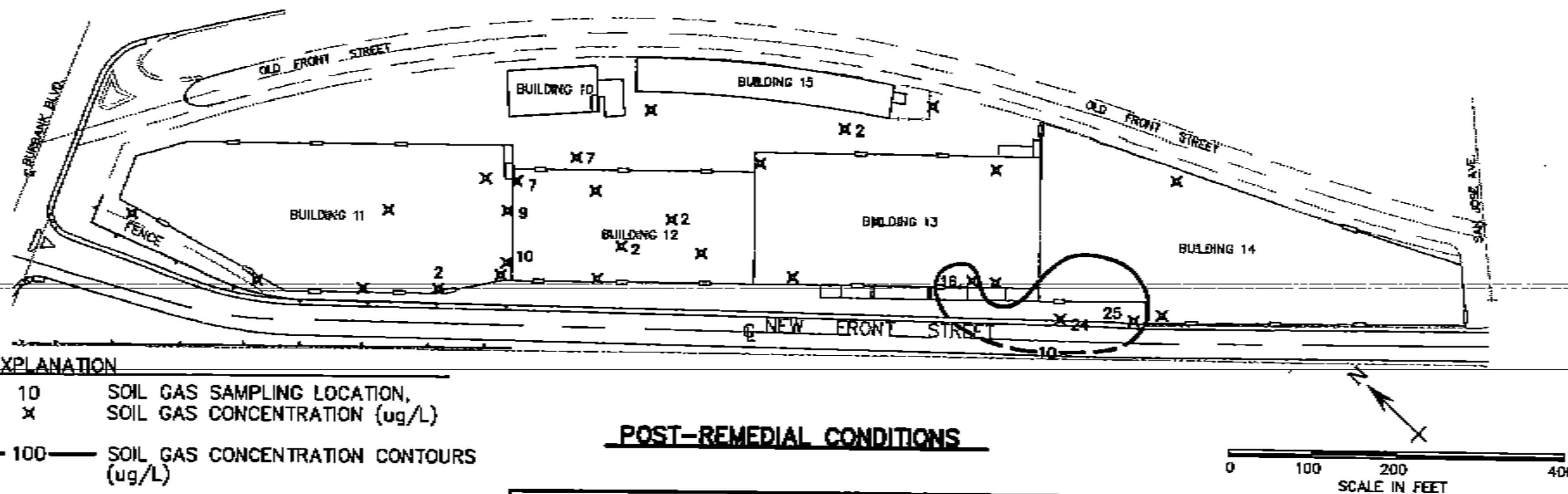
DEEP-LEVEL TCE SOIL GAS CONCENTRATIONS PRE- AND POST-REMEDIAL CONDITIONS

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/01/01			4650554A	20

NAME: K:/46505/4650554A.DWG DATE: APRIL 02, 2001 TIME: 11:07 AM



PRE-REMEDIAL CONDITIONS



POST-REMEDIAL CONDITIONS

EXPLANATION

10 × SOIL GAS SAMPLING LOCATION, SOIL GAS CONCENTRATION (ug/L)

—100— SOIL GAS CONCENTRATION CONTOURS (ug/L)

DEEP-LEVEL: 60-85 FEET BELOW GRADE

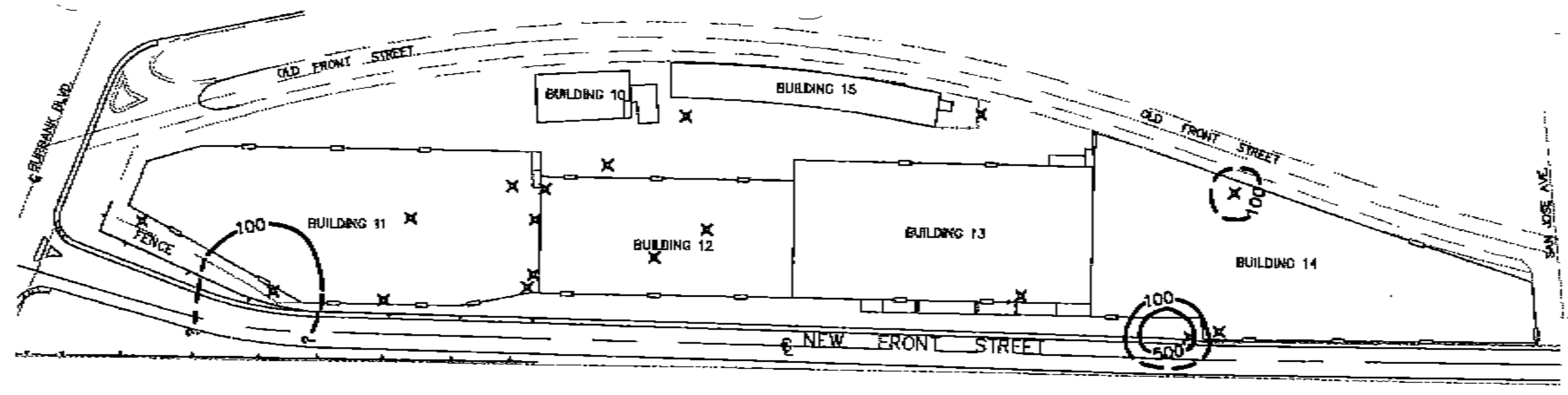
POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

NAME: K:/46505/4650553A.DWG DATE: APRIL 02, 2001 TIME: 11:10 AM

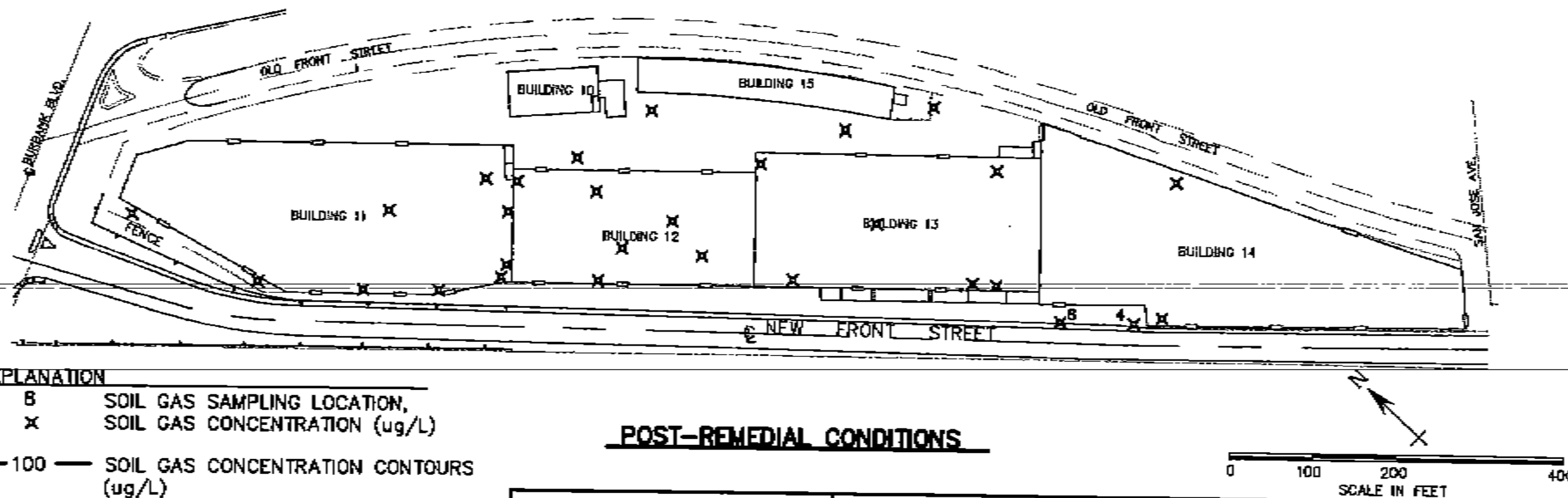
HYDRO GEO CHEM, INC.

DEEP-LEVEL PCE SOIL GAS CONCENTRATIONS
PRE- AND POST-REMEDIAL CONDITIONS

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/01/01			4650553A	21



PRE-REMEDIAL CONDITIONS



POST-REMEDIAL CONDITIONS

EXPLANATION

6	SOIL GAS SAMPLING LOCATION,
x	SOIL GAS CONCENTRATION (ug/L)
—100—	SOIL GAS CONCENTRATION CONTOURS (ug/L)

DEEP LEVEL: 60–85 FEET BELOW GRADE

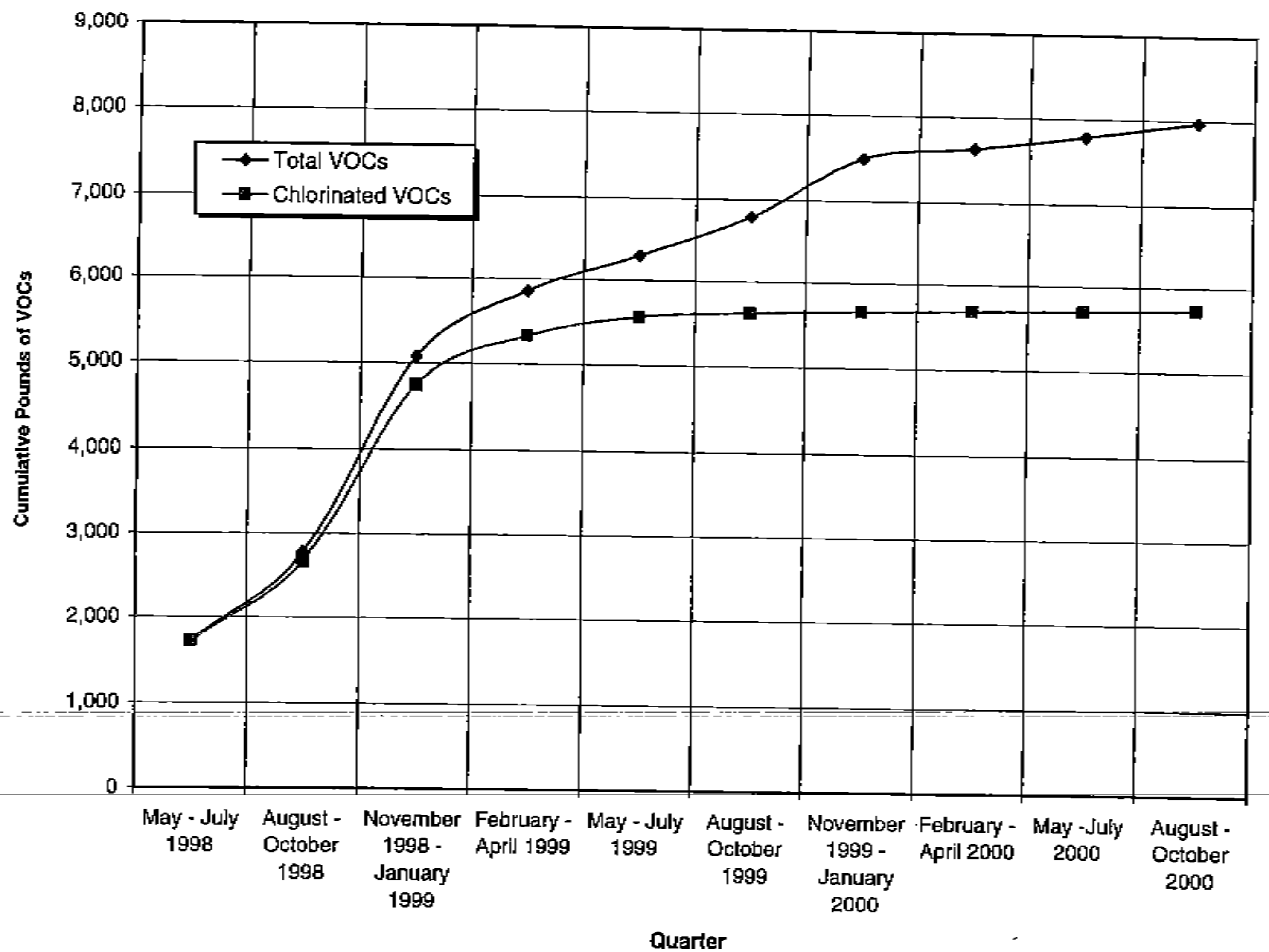
POST-REMEDIAL LOCATIONS WITHOUT ASSOCIATED VALUES WERE NON-DETECT (<1 ug/L)

NAME: K:/46505/4650555A.DWG DATE: APRIL 02, 2001 TIME: 11:25 AM

HYDRO GEO CHEM, INC.

DEEP-LEVEL 1,1,1-TCA SOIL GAS CENTRATIONS PRE- AND POST-REMEDIAL CONDITIONS

Approved	Date	Revised	Date	Reference:	FIG.
JM	3/01/01			4650555A	22



HYDRO GEO CHEM, INC.

VOC Mass Removal Rates
Former APW Facility,
777 Front Street, Burbank, CA

APPROVED	DATE	REFERENCE	FIGURE
JJW	3/23/01		23

H:\46500\46513\Monitor Data\VOC Mass Calcs\fig 23

APPENDIX A-3

NINYO & MOORE
2009 FIGURES

Leighton

BORING LOCATION

10,000 $\mu g/m^3$

1,000 $\mu g/m^3$

100 $\mu g/m^3$

APPROXIMATE SCALE IN FEET

0 120 240

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

207126-A9.DWG

Ninyo & Moore		PCE CONCENTRATIONS IN SOIL VAPOR at 5 FEET	FIGURE
PROJECT NO.	DATE	777 NORTH FRONT STREET BURBANK, CALIFORNIA	4a
207126015	6/09		

BORING LOCATION

10,000 $\mu g/m^3$

1,000 $\mu g/m^3$

100 $\mu g/m^3$

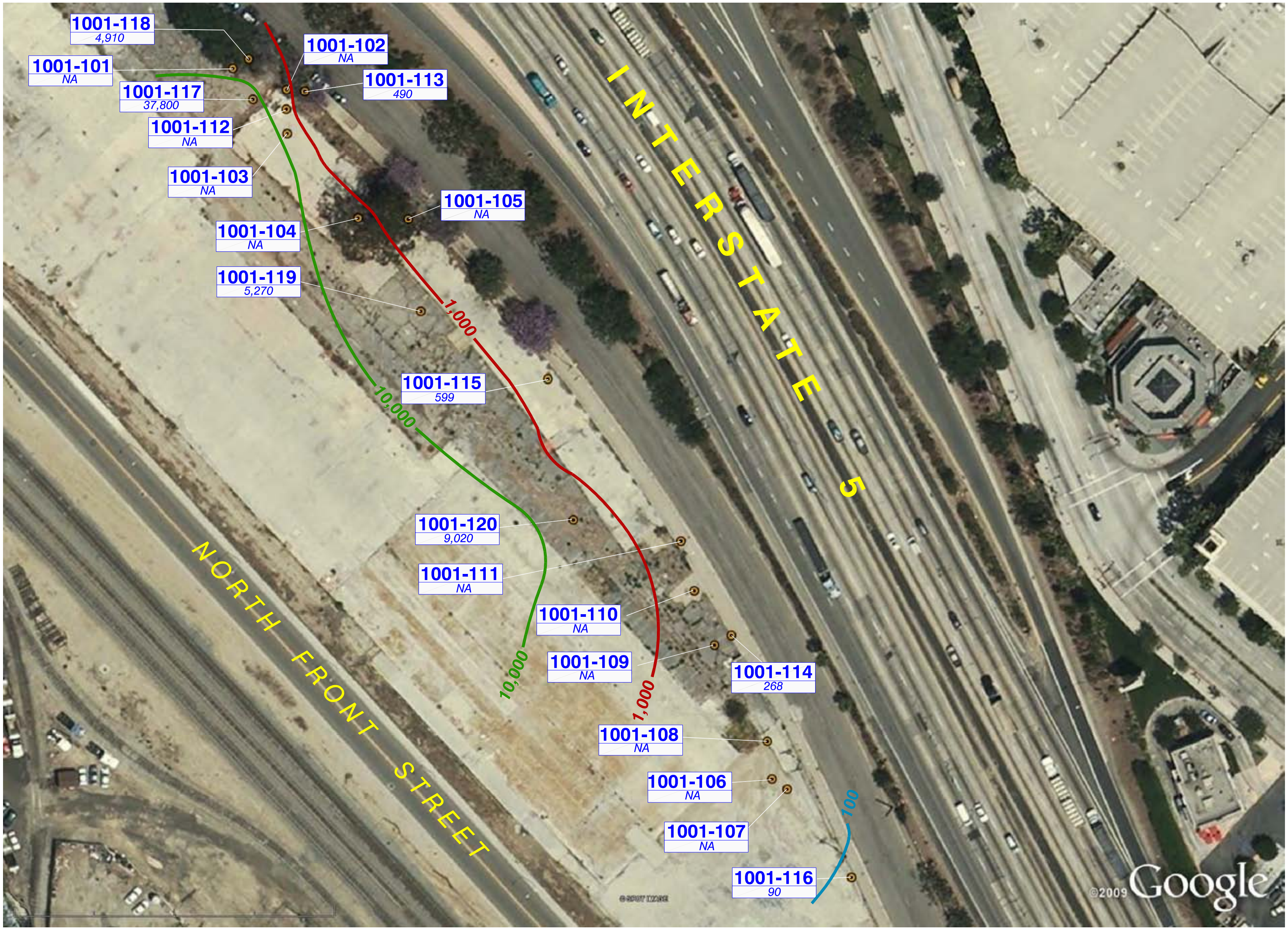
APPROXIMATE SCALE IN FEET

0 120 240

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

207126-A10.DWG

Ninyo & Moore	PCE CONCENTRATIONS IN SOIL VAPOR at 15 FEET	FIGURE
PROJECT NO. / DATE	777 NORTH FRONT STREET BURBANK, CALIFORNIA	4b
207126015 / 6/09		



BORING LOCATION

10,000 $\mu g/m^3$

1,000 $\mu g/m^3$

100 $\mu g/m^3$

APPROXIMATE SCALE IN FEET

0 120 240

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

207126-A11.DWG

Ninyo & Moore		PCE CONCENTRATIONS IN SOIL VAPOR at 25 FEET	FIGURE
PROJECT NO.	DATE	777 NORTH FRONT STREET BURBANK, CALIFORNIA	4c
207126015	6/09		

BORING LOCATION

10,000 —— $\mu g/m^3$

1,000 —— $\mu g/m^3$

APPROXIMATE SCALE IN FEET

0 120 240

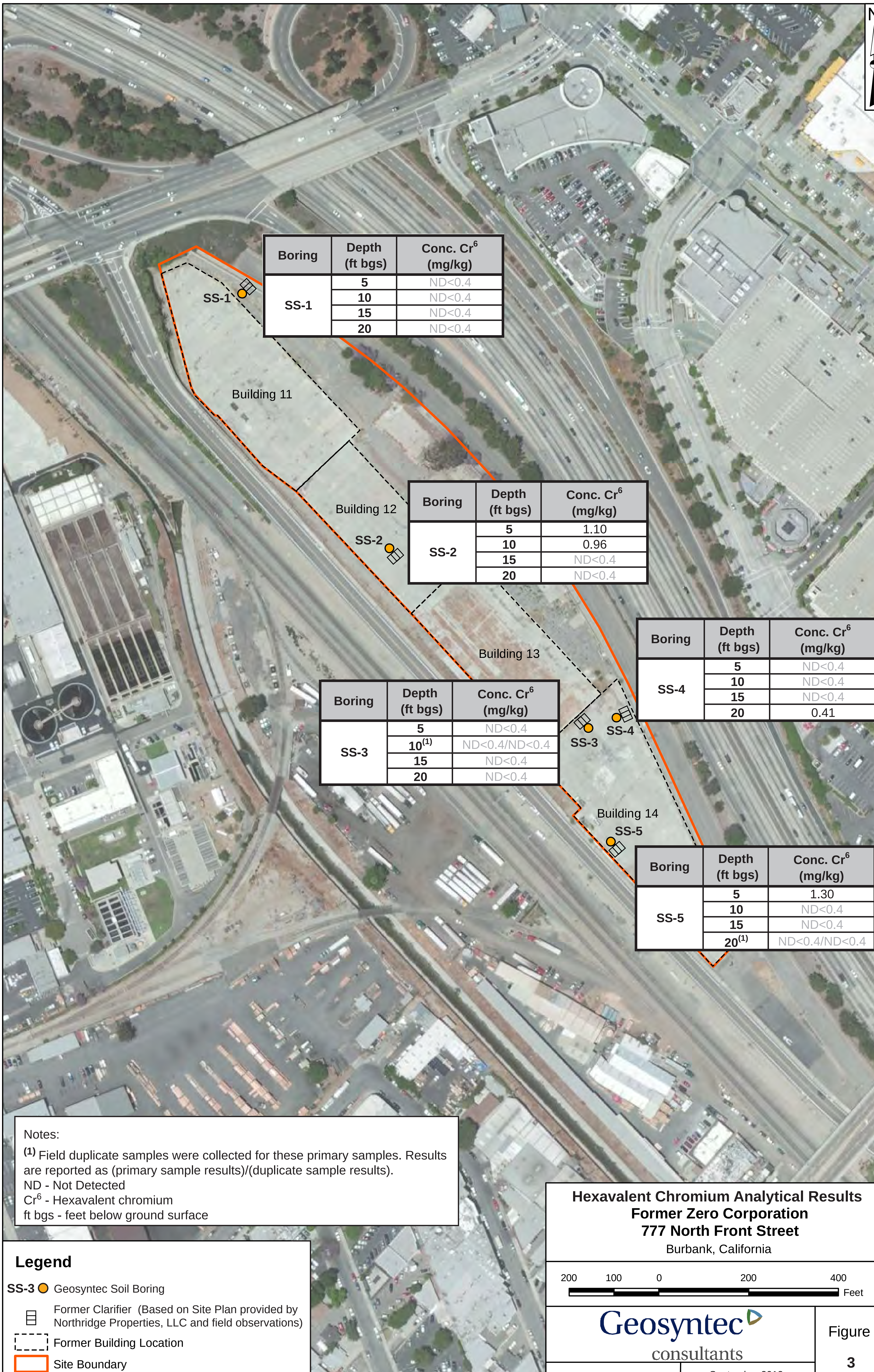
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore	PCE CONCENTRATIONS IN SOIL VAPOR at 40 FEET	FIGURE
PROJECT NO. / DATE	777 NORTH FRONT STREET BURBANK, CALIFORNIA	4d
207126015 / 6/09		

207126-A12.DWG

APPENDIX A-4

GEOSYNTEC CONSULTANTS
2012 FIGURE



Boring	Depth (ft bgs)	Conc. Cr^6 (mg/kg)
SS-1	5	ND<0.4
	10	ND<0.4
	15	ND<0.4
	20	ND<0.4

Boring	Depth (ft bgs)	Conc. Cr^6 (mg/kg)
SS-2	5	1.10
	10	0.96
	15	ND<0.4
	20	ND<0.4

Boring	Depth (ft bgs)	Conc. Cr^6 (mg/kg)
SS-3	5	ND<0.4
	10(1)	ND<0.4/ND<0.4
	15	ND<0.4
	20	ND<0.4

Boring	Depth (ft bgs)	Conc. Cr^6 (mg/kg)
SS-4	5	ND<0.4
	10	ND<0.4
	15	ND<0.4
	20	0.41

Boring	Depth (ft bgs)	Conc. Cr^6 (mg/kg)
SS-5	5	1.30
	10	ND<0.4
	15	ND<0.4
	20(1)	ND<0.4/ND<0.4

Notes:
(1) Field duplicate samples were collected for these primary samples. Results are reported as (primary sample results)/(duplicate sample results).
ND - Not Detected
Cr^6 - Hexavalent chromium
ft bgs - feet below ground surface

Legend

SS-3 ● Geosyntec Soil Boring

Former Clarifier (Based on Site Plan provided by Northridge Properties, LLC and field observations)

Former Building Location

Site Boundary

Hexavalent Chromium Analytical Results
Former Zero Corporation
777 North Front Street
Burbank, California

200 100 0 200 400
Feet

Geosyntec consultants

HR1305 | September 2012

Figure 3

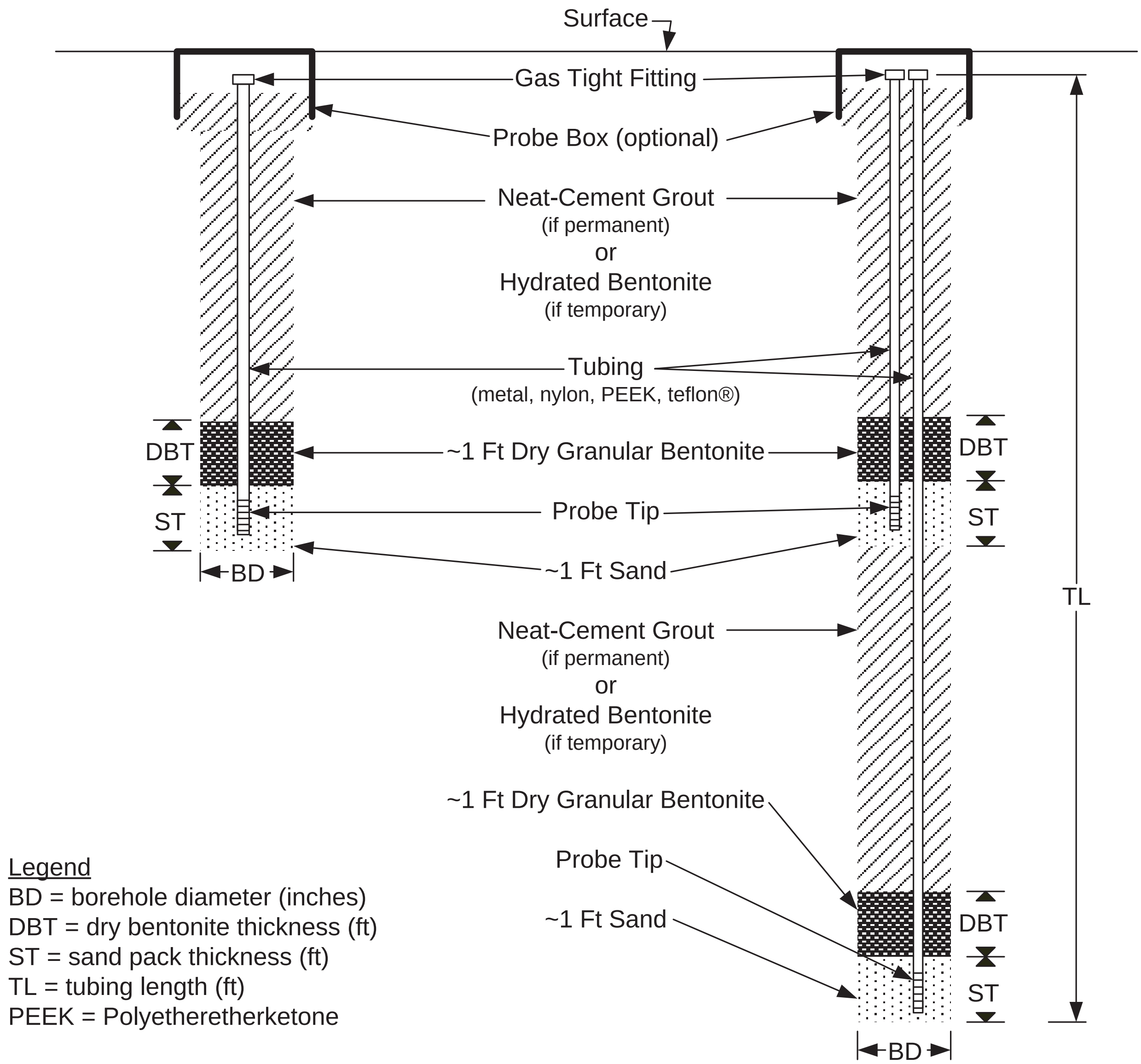
S:\GIS\HR1305\Projects\SitePlan_20110804.mxd tvs 10/28/2011

APPENDIX B

DIAGRAM OF TYPICAL SINGLE AND NESTED SOIL GAS PROBE DESIGN (DTSC, JULY 2015) included in the project workplan if the project proponent chooses not to use probe support for deep soil gas wells.

Figure 1

Typical Single and Nested Soil Gas Probe Design



Neat-Cement Grout means a mixture in the proportion of 94 pounds of Portland cement and not more than 6 gallons of water. Bentonite up to 5 percent by weight of cement (4.7 pounds of bentonite per 94 pounds of Portland cement) may be used to reduce shrinkage.

3.2.2 Sampling Tubing

Small diameter (1/8 to 1/4 inch) tubing is typically used for probe construction, made of material which will not react or interact with site contaminants. At sites where soil

APPENDIX C

LOGS OF BORINGS

Leighton

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A1
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 16" of dirt/base over 4" concrete slab
			A1-1'	☒	0.0			
						SM		Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines
5			A1-4.5'	☒	0.0			becomes slightly plastic
			A1-8.5'	☒	0.0			same as above
10								
15			A1-14.5'	☒	0.3	CL		Silty, Sandy CLAY, grayish brown, moist, slightly plastic fines with non-plastic fines and fine grained sand
20			A1-20.5'	☒	0.8			slightly more plastic, tighter
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 16 feet bgs
25								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A2
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
						SM		Silty SAND, dark brown, moist, fine to medium grained sand with non-plastic fines
			A2-1'		0.5			same as above
5			A2-4.5'		0.4	ML CL		Sandy, Clayey SILT, dark brown, moist, non-plastic fines with slightly plastic fines and fine grained sand
			A2-8.5'		0.8			same as above
10								
15			A2-14.5'		1.2			slightly more sandy
20			A2-20.5'		0.4	CL		CLAY, brown, moist, slightly plastic fines
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 16 feet bgs
25								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A3
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
						SP		Poorly-graded SAND, light gray, dry, fine to medium grained sand
			A3-1'	☒	0.5			same as above
5			A3-4.5'	☒	2.6	ML		Sandy SILT, brown, moist, non-plastic fines with fine grained sand
			A3-8.5'	☒	0.2			SILT, brown, moist, non-plastic fines
			A3-8.5'-D	☒	--			
10								
15			A3-14.5'	☒	0.2	SM		Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines
20			A3-20.5'	☒	0.3			same as above
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A4
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
						SM		Silty, Gravelly SAND, dark grayish brown, moist, fine to medium grained sand with non-plastic fines and some 3/4" gravel
			A4-1'	⊠	0.5			same as above
5			A4-4.5'	⊠	0.4			Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines
			A4-8.5'	⊠	0.5	ML		SILT with GRAVEL, gray, moist to dry, non-plastic fines with broken gravel
10								
15			A4-14.5'	⊠	0.6			SILT, dark grayish brown, moist, non-plastic fines
20			A4-20.5'	⊠	0.5	SM		Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A5
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
						SM		Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines
								same as above, 5" asphalt layer encountered
			A5-1.25'		2.5			
5			A5-4.5'		0.5			same as above - poor recovery
10								Refusal @10' No groundwater encountered No SGP installed
15								

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BORING LOG

PROJECT NUMBER 11235.002
PROJECT NAME SJ4 Burbank
LOCATION 777 North Front Street, Burbank, CA
DRILLING METHOD Direct Push
SAMPLING METHOD --
GROUND ELEVATION --
TOP OF CASING --
LOGGED BY WBS
REMARKS --

BORING/WELL NUMBER A5B
DATE DRILLED 5/4/2016
CASING TYPE/DIAMETER -- / --
SCREEN TYPE/SLOT -- / --
GRAVEL PACK TYPE --
GROUT TYPE/QUANTITY -- / --
DEPTH TO WATER --
GROUND WATER ELEVATION

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
						SM		Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines
			A5B-1'		1.5			same as above
5			A5B-4.5'		0.7			same as above
			A5B-8.5'		0.6	SP		Poorly-graded SAND with GRAVEL, dry, light gray, fine to medium grained sand with 3/4" max broken gravel
10								
15			A5B-14.5'		3.5	ML		SILT, dark grayish brown, moist, non-plastic fines
20			A5B-20.5'		2.2	SM		grades into Silty SAND, brown, moist, fine grained sand with non-plastic fines
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A6
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
			A6-1'		0.5 13.0	SM		Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines same as above - Solvent-like odors encountered from 1.5-2.5' at 13.0 ppm from PID in borehole - possible concrete void
5			A6-4.5'		0.4	ML		SILT, moist, strong red, non-plastic fines, red color in layers
10			A6-8.5'		0.5	SP		Gravelly SAND, white/dark gray/pale brown, moist to dry, fine to medium grained sand with broken 3/4" gravel
15			A6-14.5'		0.6	ML		Sandy SILT, brown, moist, non-plastic fines with fine grained sand
20			A6-20.5' A6-20.5'-D		0.5 --	SM		Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines
25								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A7
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
			A6-1'		0.5	CL		CLAY, brown, moist, slightly plastic fines same as above
			A6-4.5'		0.4	ML		SILT, moist, very dark gray (discolored), non-plastic fines
5								
			A6-8.5'		0.5	SP		Gravelly SAND, white/dark gray/pale brown, moist to dry, fine to medium grained sand with broken 3/4" gravel
10								
			A6-14.5'		0.6	ML		Sandy SILT, brown, moist, non-plastic fines with fine grained sand
15								
20								
			A6-20.5' A6-20.5'-D		0.5 --	SM		Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A8
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
						ML		Sandy SILT, brown, moist, non-plastic fines
			A8-1'		0.6			same as above
5			A8-4.5'		0.6			same as above
			A8-8.5'		0.6	SP		Gravelly SAND, white/dark gray/pale brown, moist to dry, fine to medium grained sand with broken 3/4" gravel
10								
15			A8-14.5'		0.6	ML		Sandy SILT, brown, moist, non-plastic fines
20			A8-20.5'		0.6			same as above
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A9
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
0								Surface - 4" concrete slab
						ML		Sandy SILT, brown, moist, non-plastic fines
1			A9-1'		0.6			same as above
4.5 / 5			A9-4.5'		0.6			same as above
8.5			A9-8.5'		0.6	SP		Gravelly SAND, white/dark gray/pale brown, moist to dry, fine to medium grained sand with broken 3/4" gravel
10								
14.5 / 15			A9-14.5'		0.6	ML		Sandy SILT, brown, moist, non-plastic fines
20								
20.5			A9-20.5'		0.6			same as above
			A9-20.5'-D		--			
25.5			A9-25.5'		0.6	SM		Silty SAND, light brown, moist, fine grained sand with non-plastic fines
30.5			A9-30.5'		0.5	SP		Poorly-graded SAND with GRAVEL, light brown, moist, fine to medium grained sand and 3/4" gravel
31								Total Depth = 31 feet bgs No groundwater encountered SGP installed at 30.5 feet bgs
35								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER 11235.002
PROJECT NAME SJ4 Burbank
LOCATION 777 North Front Street, Burbank, CA
DRILLING METHOD Direct Push
SAMPLING METHOD --
GROUND ELEVATION --
TOP OF CASING --
LOGGED BY WBS
REMARKS --

BORING/WELL NUMBER A10
DATE DRILLED 5/5/2016
CASING TYPE/DIAMETER --
SCREEN TYPE/SLOT -- / -- -- / --
GRAVEL PACK TYPE --
GROUT TYPE/QUANTITY -- / --
DEPTH TO WATER --
GROUND WATER ELEVATION

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
			A10-1'		0.6	ML		Sandy SILT, brown, moist, non-plastic fines - poor recovery same as above
5			--		--			- No recovery
			--		--	SP		- No sample recovery - Poorly-graded SAND, brown, moist, fine to medium grained sand
10								
15			A10-14.5'		0.1	ML		- Poor recovery - Sandy SILT, brown, moist, non-plastic fines with fine grained sand
20			A10-20.5'		0.0			same as above
25			A10-25.5'		0.0	SM		Silty SAND, light brown, moist, fine grained sand with non-plastic fines
30			A10-30.5'		0.0	SP		Poorly-graded SAND with GRAVEL, light brown, moist, fine to medium grained sand and 3/4" gravel
								Total Depth = 30.5 feet bgs No groundwater encountered SGP installed at 30.5
35								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A11
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
0								Surface - 4" concrete slab
						ML		Sandy SILT, brown, moist, non-plastic fines
			A11-1'		0.0			same as above
5			A11-4.5'		0.1	SM		Silty SAND, brown, moist, fine grained sand with non-plastic fines
			A11-8.5'		0.1			same as above
			A11-8.5'-D		--			
10								
15			A11-14.5'		0.0	SP		Gravelly SAND, light grayish brown, moist to dry, fine grained sand with 3/4" gravel
20			A11-20.5'		0.1	SM		Silty SAND, brown, fine grained sand with non-plastic fines
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A12
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 7" concrete slab
						ML		Sandy SILT, dark grayish brown, moist, non-plastic fines
			A12-1'		0.2			same as above
5			A12-5'		0.2			same as above
10								
			A12-11'		0.2			same as above
15								
			A12-17'		0.2			same as above
								Total Depth = 18 feet bgs No groundwater encountered SGP installed at 17 feet bgs
20								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	A13
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 7" concrete slab
						ML		Sandy SILT, dark grayish brown, moist, non-plastic fines
			A13-1'		0.2			same as above
5			A13-5'		0.2			brown
10								
			A13-11'		0.2			same as above
15								
			A13-17'		0.2	SM		Silty SAND, brown, moist, fine grained sand with non-plastic fines
								Total Depth = 18 feet bgs No groundwater encountered SGP installed at 17 feet bgs
20								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B1
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
0						SM		Surface - 3" concrete slab
								Silty SAND with CLAY, dark brown, moist, fine to medium grained sand with non-plastic and slightly plastic fines, trace roots
1			B1-1'	☒	0.1			
4.5			B1-4.5'	☒	0.1			
5								
8.5			B1-8.5'	☒	0.1			
10								silty sand only from 9.5-10'
						SC		Clayey SAND, dark brown, moist, fine grained sand with slightly plastic fines
14.5			B1-14.5'	☒	0.0			
15								
						SM		same as at 3", trace pebbles
						CL		Sandy CLAY, reddish brown, moist, slightly plastic fines with fine grained sand
20								
20.5			B1-20.5'	☒	0.0			
21.5								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 16 feet bgs
25								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B2
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 5" concrete slab
			B2-1'		0.1	SM		Silty SAND, brown, moist, fine grained sand with non-plastic fines, gravelly interval from 4-4.5'
5			B2-4.5'		0.2	ML		Sandy SILT with CLAY, reddish brown, moist, non-plastic fines with fine grained sand and slightly plastic fines
			B2-8.5'		0.1	SW		Silty, Gravelly SAND, grayish brown to reddish brown, moist, fine to coarse grained sand with non-plastic fines and 3/4" gravel
10								
						ML		same as at 4.5'
15			B2-14.5'		0.6			
								Clayey, Sandy SILT, reddish brown, moist, non-plastic fines with fine grained sand and slightly plastic fines
20			B2-20.5'		0.0			
								Total Depth = 21 feet bgs No groundwater encountered SGP installed at 16.5
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B3
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
			B3-1'	☒	0.1	SM		Silty SAND with CLAY, dark brown, moist, fine to coarse grained sand with non-plastic fines and slightly plastic fines, trace pebbles
								brown
5			B3-4.5'	☒	0.0	ML		Sandy SILT with CLAY, reddish brown, moist, non-plastic fines with fine grained sand and slightly plastic fines
			B3-8.5'	☒	0.0	SM		Silty SAND, reddish brown, moist, fine to coarse grained sand with non-plastic fines, trace pebbles, gravelly from 8.5-10.5'
10								
						ML		same as at 4.5'
15			B3-14.5'	☒	0.0			
20			B3-20.5'	☒	0.0	SC		Clayey SAND, reddish brown, moist, fine grained sand with slightly plastic fines
								Total Depth = 21 feet bgs No groundwater encountered SGP installed at 17 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B4
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 3.5" of concrete slab
						SM		Silty SAND with CLAY, reddish brown, moist, fine to coarse grained sand with non-plastic fines and slightly plastic fines, contains gravel
			B4-1'		1.0			
								trace clay, no gravel
5			B4-4.5'		0.0			
			B4-4.5'-D		--			
			B4-8.5'		0.0			
						SP		Gravelly SAND with SILT, gray to brown, dry, fine to coarse grained sand with gravel and non-plastic fines
10								
						ML		Silty SAND grades into Sandy SILT, reddish brown, moist, non-plastic fines with fine grained sand
15			B4-14.5'		0.1			
20						SM		Silty SAND with CLAY, reddish brown, moist, fine grained sand with non-plastic fines and slightly plastic fines
			B4-20.5'		0.1			
								Total Depth = 21 feet bgs No groundwater encountered SGP installed at 19 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B5
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
0								Surface - 6" concrete slab
						SM		Gravelly, Silty SAND, orange brown, moist, fine to coarse grained sand with gravel and non-plastic fines, contains some clayey layers
			B5-1'		0.0			
								gravel layer
						ML		Sandy SILT, dark brown, moist, non-plastic fines with fine grained sand
			B5-4.5'		0.0			
5						SM		Gravelly, Silty SAND, reddish brown, moist, fine to coarse grained sand with mostly angular gravel and non-plastic fines
								6" sandy silt interval
			B5-8.5'		0.0			
10								
						ML		same as at 3', reddish brown
			B5-14.5'		0.0			
15								
20			B5-20.5'		0.0			
								Total Depth = 21 feet bgs No groundwater encountered SGP installed at 20 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B6
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/4/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 6" concrete slab
			B6-1'		0.2	SM		Silty SAND, dark brown, moist, fine grained sand with trace medium to coarse grains with non-plastic fines
5			B6-4.5'		0.0			gravelly from 4.5-5'
								clayey from 8-8.5'
			B6-8.5'		0.0	SM		Gravelly, Silty SAND, grayish brown, dry, fine to coarse sand with non-plastic fines and gravel
10								
15			B6-14.5'		0.3	ML		Sandy SILT with CLAY, reddish brown, moist, non-plastic fines with fine grained sand and slightly plastic fines
20			B6-20.5'		0.1			
								Total Depth = 21 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B7
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 7" concrete slab
			B7-1'		0.0	SM		Silty SAND, brown, moist, fine grained sand with non-plastic fines - Poor recovery - Gravelly, Silty SAND with CLAY, reddish brown, moist, fine to coarse grained sand with non-plastic and slightly plastic fines, contains gravel
5			B7-4.5'		0.0			brown, fine grained sand only, no gravel, clayey from 3-4'
			B7-8.5'		0.1			- Poor recovery - same as at 1', dry, grayish brown, no clay content
10								
15			B7-14.5'		0.2	ML		Sandy SILT with CLAY, reddish brown, moist, non-plastic fines with fine grained sand
20			B7-20.5'		0.0			
								Total Depth = 21 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B8
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 6" concrete slab
			B8-1'		0.0	SM		Silty SAND, brown, moist, fine to medium grained sand with non-plastic fines, clayey from 4-5'
			B8-4.5'		0.0			
5						ML		Sandy SILT, brown, moist, fine grained sand with non-plastic fines
			B8-8.5'		0.0			
			B8-8.5D		--			
10						SW		Gravelly SAND, grayish brown, moist, fine to coarse grained sand with gravel
			B8-14.5'		0.0	ML CL		Clayey SILT, reddish brown, moist, non-plastic fines with slightly plastic fines
15								
20								
			B8-20.5'		0.0			
								Total Depth = 21 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B9
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
						SM		Surface - 5" concrete slab
								Silty SAND, brown, moist, fine to coarse grained sand with non-plastic fines and pebbles fine grained sand only below 1'
			B9-1'		0.0			
5			B9-4.5'		0.1			contains clay below 4.5'
			B9-8.5'		0.0			becomes reddish brown below 8.5'
10								Gravelly, Silty SAND, brown, moist, fine to coarse grained sand with non-plastic fines and gravel
15			B9-14.5'		0.0	ML		Sandy SILT with CLAY, reddish brown, moist, non-plastic fines with fine grained sand with slightly plastic fines
20			B9-20.5'		0.0			
						SM		Silty SAND, reddish brown, moist, fine to coarse grained sand with non-plastic fines, pebbly in portions
25			B9-25.5'		--			
30								silt content increases at 30'
			B9-30.5'		--			
								Total Depth = 31 feet bgs No groundwater encountered SGP installed at 30.5 feet bgs
35								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B10
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
						SM		Surface - 4" concrete slab Silty SAND, brown, moist, fine to coarse grained sand with non-plastic fines, contains pebbles and gravel
			B10-1'		0.0			
5			B10-4.5'		0.2			
						ML		Sandy SILT, brown, moist, non-plastic fines and fine grained sand
			B10-8.5'		0.3			
10						SW		Well-graded SAND, light orange brown, moist, fine to coarse grained sand, contains pebbles
			B10-14.5'		0.0			
15						SM		Silty SAND, orange brown, moist, fine grained sand with non-plastic fines, pebbly/gravelly sections observed (22-22.5', 25-25.5')
20			B10-20.5'		0.0			
25			B10-25.5'		0.3			
30			B10-30.5'		0.0			contains fine to coarse grained sand Total Depth = 31 feet bgs No groundwater encountered SGP installed at 30.5 feet bgs
35								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B11
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
						SM		Silty SAND, brown to dark brown, fine grained sand and non-plastic fines
			B11-1'	⊠	0.0			
5			B11-4.5'	⊠	0.0			
			B11-8.5'	⊠	0.0			orange brown
10								
						SW		Well-graded SAND, orange brown, moist, fine to coarse grained sand
						SM		same as at 4"
15			B11-14.5'	⊠	0.0			
20			B11-20.5'	⊠	0.0			
								Total Depth = 21 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B12
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 6" concrete slab
						SW		Gravelly SAND, reddish brown, moist, fine to coarse grained sand with gravel
			B12-1'		0.0	ML		Sandy SILT, brown, moist, non-plastic fines with fine grained sand
5			B12-5'		0.0			
			B12-5'D		--			
								becomes reddish brown and contains fine and medium grained sand below 6'
10								
			B12-11'		0.0			
15								
			B12-17'		0.0			
								Total Depth = 17.5 feet bgs No groundwater encountered SGP installed at 17 feet bgs
20								

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BORING LOG

PROJECT NUMBER 11235.002
PROJECT NAME SJ4 Burbank
LOCATION 777 North Front Street, Burbank, CA
DRILLING METHOD Direct Push
SAMPLING METHOD --
GROUND ELEVATION --
TOP OF CASING --
LOGGED BY WBS
REMARKS --

BORING/WELL NUMBER B13
DATE DRILLED 5/6/2016
CASING TYPE/DIAMETER -- / --
SCREEN TYPE/SLOT -- / --
GRAVEL PACK TYPE --
GROUT TYPE/QUANTITY -- / --
DEPTH TO WATER --
GROUND WATER ELEVATION

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 7" concrete slab
						ML		Sandy SILT, dark brown, moist, non-plastic fines with fine grained sand
			B13-1'		0.0			same as above
5			B13-5'		2.2			SILT, very dark brown, moist, non-plastic fines
10								
			B13-11'		0.1			Sandy SILT, brown, moist, non-plastic fines with fine grained sand
15								
			B13-17'		0.1			same as above
								Total Depth = 18 feet bgs No groundwater encountered SGP installed at 17 feet bgs
20								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B14
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/6/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 7" concrete slab
						SC		Silty, Clayey SAND, dark gray, moist, fine grained sand with slightly plastic fines
			B14-1'		0.0			same as above
5			B14-5'		0.0			same as above, 6" concrete layer at 5.5'
10								
			B14-11'		0.0	ML		Sandy SILT, brown, moist, non-plastic fines with fine grained sand
15								
			B14-17'		0.0			same as above
								Total Depth = 18 feet bgs No groundwater encountered SGP installed at 17 feet bgs
20								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	B15
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/6/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 7" concrete slab
						CL ML		Silty CLAY, dark brown, moist, slightly plastic fines with non-plastic fines
			B15-1'		0.0			
			B15-4'		0.0	SM		Silty SAND, dark strong red, moist, fine grained sand with non-plastic fines
5			B15-5'		0.0	CL ML		same as at 7", light olive brown
								Total Depth = 6 feet bgs No groundwater encountered SGP installed at 4 feet bgs
10								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	LB1
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/6/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
						ML		Topsoil over Sandy SILT, brown, moist, non-plastic fines with fine grained sand
			LB1-1'	☒	0.0			same as above
5			LB1-4.5'	☒	0.0			same as above
			LB1-8.5'	☒	0.0	ML CL		Clayey SILT, brown, moist, non-plastic fines with slightly plastic fines
10								
15			LB1-14.5'	☒	0.0			same as above
20								
			LB1-20.5'	☒	0.0	CL		CLAY, dark brown, moist, slightly plastic fines
								Total Depth = 21.5 feet bgs No groundwater encountered SGPs installed at 15 feet and 20.5 feet bgs
25								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	LB2
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/6/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
						ML		Topsoil over Sandy SILT, brown, moist, non-plastic fines with fine grained sand
			LB2-1'	☒	0.0			same as above
5			LB2-4.5'	☒	0.0			contains some gravel
			LB2-8.5'	☒	0.0	SW		Gravelly SAND, light grayish brown, moist, fine to coarse grained sand with gravel
10								
15			LB2-14.5'	☒	0.0	ML		Sandy SILT, brown, moist, non-plastic fines with fine grained sand
20			LB2-20.5'	☒	0.0	CL		Sandy CLAY, brown, moist, slightly plastic fines with fine grained sand
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 19.5 feet bgs
25								

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	LB3
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/6/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 6" concrete slab
						SM		Silty SAND, brown to reddish brown, moist, fine grained sand with non-plastic fines
			LB3-1'		0.1			same as above
			LB3-1'-D		--			
5			LB3-4.5'		0.0	SP		Gravelly SAND, gray, moist to dry, fine grained sand with gravel
			LB3-8.5'		0.0	SP SM		Poorly-graded SAND with SILT, brown, moist, fine grained sand with non-plastic fines
10								
15			LB3-14.5'		0.0	SM		Silty SAND, brown, moist, fine grained sand with non-plastic fines
20								
			LB3-20.5'		0.6			more silty with depth
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 20 feet bgs
25								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	LB4
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 4" concrete slab
						SM		Silty SAND, reddish brown to dark grayish brown, moist, fine to medium grained sand with non-plastic fines
			LB4-1'	☒	0.3	CL		Sandy CLAY, reddish brown to dark grayish brown, moist, slightly plastic fines with fine grained sand
5			LB4-4.5'	☒	0.4	SM		same as at 4"
			LB4-8.5'	☒	0.4	SP		Poorly-graded SAND with GRAVEL, dry, light gray, fine to medium grained sand with 3/4" max broken gravel
10								
15			LB4-14.5'	☒	0.4	ML		SILT, dark grayish brown, moist, non-plastic fines
20			LB4-20.5'	☒	0.4	SM		grades into Silty SAND, brown, moist, fine grained sand with non-plastic fines
								Total Depth = 21.5 feet bgs No groundwater encountered SGP installed at 20.5 feet bgs
25								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	LB5
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	SH	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	LITHOLOGIC DESCRIPTION
0							Surface - 6" concrete slab
0.5						SM	Silty SAND with CLAY, reddish brown, moist, fine to coarse grained sand with non-plastic fines, slightly plastic fines, and some pebbles/gravel
1			LB5-1'	X	0.0		no clay or pebbles, trace medium to coarse grained sand
1.5			LB5-1D	X	--		
5			LB5-4.5'	X	0.0		
8						ML	Sandy SILT, brown, moist, non-plastic fines with fine grained sand
8.5			LB5-8.5'	X	0.0		
10						GP	Sandy, Silty GRAVEL, brownish gray, dry, fine to coarse gravel
14.5			LB5-14.5'	X	0.0		
15						ML	Sandy SILT with CLAY, reddish brown, moist, non-plastic fines with fine grained sand and slightly plastic fines
20.5			LB5-20.5'	X	0.0		
21							Total Depth = 21 feet bgs No groundwater encountered SGPs installed at 14.5 and 20.5 feet bgs
25							

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BORING LOG

PROJECT NUMBER	11235.002	**BORING/WELL NUMBER**	LB6
PROJECT NAME	SJ4 Burbank	**DATE DRILLED**	5/5/2016
LOCATION	777 North Front Street, Burbank, CA	**CASING TYPE/DIAMETER**	-- / --
DRILLING METHOD	Direct Push	**SCREEN TYPE/SLOT**	-- / --
SAMPLING METHOD	--	**GRAVEL PACK TYPE**	--
GROUND ELEVATION	--	**GROUT TYPE/QUANTITY**	-- / --
TOP OF CASING	--	**DEPTH TO WATER**	--
LOGGED BY	WBS	**GROUND WATER ELEVATION**	
REMARKS	--		

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
						ML		Topsoil over Sandy SILT, brown, moist, non-plastic fines with fine grained sand
			LB6-1'		0.0			same as above
5			LB6-5'		0.0			same as above
10								
			LB6-11'		0.0			more sand and some gravel
15								
			LB6-17'		0.0			Clayey, Sandy SILT, brown, moist, non-plastic fines with fine to medium grained sand and slightly plastic fines, coarsens toward sample bottom, silty sand at sample bottom
								Total Depth = 18 feet bgs No groundwater encountered SGP installed at 17 feet bgs
20								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER	11235.002
PROJECT NAME	SJ4 Burbank
LOCATION	777 North Front Street, Burbank, CA
DRILLING METHOD	Direct Push
SAMPLING METHOD	--
GROUND ELEVATION	--
TOP OF CASING	--
LOGGED BY	SH
REMARKS	--

BORING/WELL NUMBER	LB7
DATE DRILLED	5/5/2016
CASING TYPE/DIAMETER	-- / --
SCREEN TYPE/SLOT	-- / --
GRAVEL PACK TYPE	--
GROUT TYPE/QUANTITY	-- / --
DEPTH TO WATER	--
GROUND WATER ELEVATION	

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 6" concrete slab
						SM		Silty SAND, brown, moist, fine to coarse grained sand with non-plastic fines, contains pebbles
			LB7-1'		--	ML		Sandy SILT, brown, moist, non-plastic fines with fine grained sand
5			LB7-5'		--			
10			LB7-11'		--			
								becomes reddish brown and sand is fine to medium below 12'
15			LB7-17'		--			
								Total Depth = 17.5 feet bgs No groundwater encountered SGP installed at 17 feet bgs
20								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

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BORING LOG

PROJECT NUMBER 11235.002
PROJECT NAME SJ4 Burbank
LOCATION 777 North Front Street, Burbank, CA
DRILLING METHOD Direct Push
SAMPLING METHOD --
GROUND ELEVATION --
TOP OF CASING --
LOGGED BY SH
REMARKS --

BORING/WELL NUMBER LB8
DATE DRILLED 5/5/2016
CASING TYPE/DIAMETER -- / --
SCREEN TYPE/SLOT -- / --
GRAVEL PACK TYPE --
GROUT TYPE/QUANTITY -- / --
DEPTH TO WATER --
GROUND WATER ELEVATION

DEPTH (ft. BGL)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	EXTENT	PID (ppm)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
								Surface - 7" concrete slab
								Gravel/dry sand mixed (base)
			LB8-1'		0.5	ML		Sandy SILT, dark brown, moist, non-plastic fines with fine grained sand
5			LB8-5'		0.1			
10								
			LB8-11'		0.0			
						SM		Silty SAND, orange brown, moist, fine to medium grained sand with non-plastic fines
15								
			LB8-17'		0.0			
								Total Depth = 17.5 feet bgs No groundwater encountered SGP installed at 17 feet bgs
20								

GE_SBL_OLD SJ4 BURBANK BORING LOGS.GPJ LAEWNN01.GDT 6/20/16

APPENDIX D

PHOTOGRAPHS OF SELECTED CONTINUOUSLY-CORED BORING INTERVALS

Leighton


ULTRAGARD NT8
ULTRAGARD NT8
Boring A 1
14.5'
20.5'


Boring A #2
8'
8'
12'
16'
20'
"Outdoor writing products... ...for outdoor writing people."
RECYCLABLE


Boring A 3
4'
8'
12'
16'
20'


Boring A 4


Boring A
5B
4'
8'
12'
16'
20'


5-5-16 Boring
A 6
4'
8'
12'
16'
20'

5-5-16 Boring
A #7
4'
8'
12'
16'
20'

5-5-16 Boring
A 8
4'
8'
12'
16'
20'


5-5-16 Boring
A 9
4'
8'
12'
16'
24'
28'
32'

Boring A10
5-5-16
20'
24'
28'
32'


Boring A13
5-5-16
4'
8'
12'
20'


POWDER FREE
16.0 → 20.5
20.5
B2
5/5/16
14.5
12.5
1.0 → 4.0

16 → 20.5
10 → 14.5
15.5 → 16.0
4.5 → 8.0
B3

20.5 → 21.0
11 → 20.5
12 → 14.5
B6
5/4/16
14.5 → 16.0
8.5 → 12.0
4.5 → 8.0
1.0 → 4.0

16.0 → 20.5
B7
4.5 → 8.0
1.0 → 4.0


B8
14.5 → 16.0
12 → 14.5


B9 5/5/16
ULTRAGARD NT8


B11
4.5 → 8.0


11→12
12'
B12


Boring #B13
5-6-16
4'
8'
12'
16'
20'


Boring [redacted]
5-6-16
B14
4'
8'
12'


Boring [redacted]
5-6-16 [redacted]
B15
0-5'

Boring LB1
5-6-16
4'
8'
12'
16'
20'
MiniRAE 3000
RAE


Boring LB#2
5-6-16
4'
8'
12'
16'
20'


Boring LB[redacted]3
5-6-16
4'
8'
12'
16'
20'


MiniRAE 2000
5-5-16 Boring LB4
4'
8'
12'
16'
20'


16.0 → 20.5
LB5
5/5/16


5-5-16 Boring LB6
1' sleeve
5' sleeve
11' sleeve
17' sleeve


LTRAGARD NT8
CB7

APPENDIX E

LABORATORY ANALYTICAL TEST DATA AND CHAIN-OF-CUSTODY DOCUMENTS – SOIL GAS

Leighton

714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	C-2447
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project Name:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street Burbank, CA	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B - Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas, n-pentane, was placed at the tubing-surface interface before sampling. This compound was analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. N-pentane was not found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**LB8-17'**	**B12-17'**	**LB7-17'**	**B11-20.5'**	**B10-30.5'**		
JEL ID:	**C-2447-01**	**C-2447-02**	**C-2447-03**	**C-2447-04**	**C-2447-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromodichloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromoform	ND	ND	ND	ND	ND	8.0	μg/m^3
n-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
sec-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
tert-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Carbon tetrachloride	ND	ND	ND	ND	ND	8.0	μg/m^3
Chlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Chloroform	ND	ND	ND	ND	**55.2**	8.0	μg/m^3
2-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
4-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromochloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromomethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dichlorodifluoromethane	ND	ND	**185**	**312**	**1730**	8.0	μg/m^3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloroethene	**937**	**71.4**	**67.3**	ND	**424**	8.0	μg/m^3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m^3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**LB8-17'**	**B12-17'**	**LB7-17'**	**B11-20.5'**	**B10-30.5'**		
JEL ID:	**C-2447-01**	**C-2447-02**	**C-2447-03**	**C-2447-04**	**C-2447-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
Ethylbenzene	**17.8**	ND	ND	ND	ND	8.0	μg/m³
Freon 113	ND	ND	**53.2**	**89.0**	**297**	40.0	μg/m³
Hexachlorobutadiene	ND	ND	ND	ND	ND	8.0	μg/m³
Isopropylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
4-Isopropyltoluene	**8.6**	ND	ND	**22.6**	ND	8.0	μg/m³
Methylene chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Naphthalene	ND	ND	ND	ND	ND	8.0	μg/m³
n-Propylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Styrene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Tetrachloroethylene	**14600**	**5790**	**3280**	**3630**	**13300**	8.0	μg/m³
Toluene	**97.4**	ND	ND	ND	**11.9**	8.0	μg/m³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1-Trichloroethane	**1630**	**491**	**85.6**	**44.3**	ND	8.0	μg/m³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Trichloroethylene	**173**	ND	**42.0**	**19.1**	**4540**	8.0	μg/m³
Trichlorofluoromethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Vinyl chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Xylenes	**89.1**	ND	ND	ND	ND	8.0	μg/m³
MTBE	ND	ND	ND	ND	ND	40.0	μg/m³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40.0	μg/m³
Di-isopropylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-amylmethylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-Butylalcohol	ND	ND	ND	ND	ND	400	μg/m³
TIC:							
n-pentane	ND	ND	ND	ND	ND	8.0	μg/m³
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	102%	106%	105%	104%	101%	60 - 140	
Toluene-d_8	91%	98%	98%	98%	98%	60 - 140	
4-Bromofluorobenzene	90%	93%	95%	102%	94%	60 - 140	
	C2-050616-CHECKS	C2-050616-CHECKS	C2-050616-CHECKS	C2-050616-CHECKS	C2-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B10-30.5' REP**	**B9-30.5'**	**B8-20.5'**	**LB5-14.5'**	**LB5-20.5'**		
JEL ID:	**C-2447-06**	**C-2447-07**	**C-2447-08**	**C-2447-09**	**C-2447-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	**33.0**	ND	ND	**27.4**	8.0	µg/m³
Bromobenzene	ND	ND	ND	ND	ND	8.0	µg/m³
Bromodichloromethane	ND	ND	ND	ND	ND	8.0	µg/m³
Bromoform	ND	ND	ND	ND	ND	8.0	µg/m³
n-Butylbenzene	ND	**24.8**	ND	ND	ND	8.0	µg/m³
sec-Butylbenzene	ND	ND	ND	ND	ND	8.0	µg/m³
tert-Butylbenzene	ND	ND	ND	ND	ND	8.0	µg/m³
Carbon tetrachloride	ND	ND	ND	ND	ND	8.0	µg/m³
Chlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m³
Chloroform	**54.5**	**78.6**	**58.7**	ND	**14.2**	8.0	µg/m³
2-Chlorotoluene	ND	ND	ND	ND	ND	8.0	µg/m³
4-Chlorotoluene	ND	ND	ND	ND	ND	8.0	µg/m³
Dibromochloromethane	ND	ND	ND	ND	ND	8.0	µg/m³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8.0	µg/m³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8.0	µg/m³
Dibromomethane	ND	ND	ND	ND	ND	8.0	µg/m³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m³
Dichlorodifluoromethane	**1690**	**2400**	**3060**	**754**	**927**	8.0	µg/m³
1,1-Dichloroethane	ND	**21.2**	**20.2**	ND	ND	8.0	µg/m³
1,2-Dichloroethane	ND	ND	ND	ND	ND	8.0	µg/m³
1,1-Dichloroethene	**417**	**449**	**341**	ND	ND	8.0	µg/m³
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	µg/m³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	µg/m³
1,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	µg/m³
1,3-Dichloropropane	ND	ND	ND	ND	ND	8.0	µg/m³
2,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	µg/m³
1,1-Dichloropropene	ND	ND	ND	ND	ND	8.0	µg/m³

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B10-30.5' REP**	**B9-30.5'**	**B8-20.5'**	**LB5-14.5'**	**LB5-20.5'**		
JEL ID:	**C-2447-06**	**C-2447-07**	**C-2447-08**	**C-2447-09**	**C-2447-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
Ethylbenzene	ND	**40.1**	ND	ND	**23.2**	8.0	μg/m³
Freon 113	**296**	**385**	**390**	**141**	**186**	40.0	μg/m³
Hexachlorobutadiene	ND	ND	ND	ND	ND	8.0	μg/m³
Isopropylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
4-Isopropyltoluene	ND	**36.3**	ND	ND	**16.9**	8.0	μg/m³
Methylene chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Naphthalene	ND	ND	ND	ND	ND	8.0	μg/m³
n-Propylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Styrene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Tetrachloroethylene	**13800**	**14400**	**14600**	**11800**	**12400**	8.0	μg/m³
Toluene	**16.1**	**171**	**11.3**	**54.7**	**169**	8.0	μg/m³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Trichloroethylene	**4400**	**8270**	**6380**	**881**	**1500**	8.0	μg/m³
Trichlorofluoromethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trimethylbenzene	ND	**71.1**	ND	ND	**12.3**	8.0	μg/m³
1,3,5-Trimethylbenzene	ND	**26.2**	ND	ND	ND	8.0	μg/m³
Vinyl chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Xylenes	ND	**235**	ND	**21.4**	**115**	8.0	μg/m³
MTBE	ND	ND	ND	ND	ND	40.0	μg/m³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40.0	μg/m³
Di-isopropylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-amylmethylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-Butylalcohol	ND	ND	ND	ND	ND	400	μg/m³
TIC:							
n-pentane	ND	ND	ND	ND	ND	8.0	μg/m³
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	103%	101%	102%	103%	101%	60 - 140	
Toluene-d_8	99%	99%	101%	97%	99%	60 - 140	
4-Bromofluorobenzene	96%	96%	99%	94%	97%	60 - 140	
	C2-050616-CHECKS	C2-050616-CHECKS	C2-050616-CHECKS	C2-050616-CHECKS	C2-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**A13-17'**	**A12-17'**	**A11-20.5'**	**A10-30.5'**	**A9-30.5'**		
JEL ID:	**C-2447-11**	**C-2447-12**	**C-2447-13**	**C-2447-14**	**C-2447-15**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8.0	µg/m^3
Bromobenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
Bromodichloromethane	ND	ND	ND	ND	ND	8.0	µg/m^3
Bromoform	ND	ND	ND	ND	ND	8.0	µg/m^3
n-Butylbenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
sec-Butylbenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
tert-Butylbenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
Carbon tetrachloride	ND	ND	ND	ND	ND	8.0	µg/m^3
Chlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
Chloroform	ND	ND	ND	ND	**29.2**	8.0	µg/m^3
2-Chlorotoluene	ND	ND	ND	ND	ND	8.0	µg/m^3
4-Chlorotoluene	ND	ND	ND	ND	ND	8.0	µg/m^3
Dibromochloromethane	ND	ND	ND	ND	ND	8.0	µg/m^3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8.0	µg/m^3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8.0	µg/m^3
Dibromomethane	ND	ND	ND	ND	ND	8.0	µg/m^3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
Dichlorodifluoromethane	**22.2**	**38.8**	**66.0**	**307**	**454**	8.0	µg/m^3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8.0	µg/m^3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8.0	µg/m^3
1,1-Dichloroethene	**909**	ND	ND	ND	**345**	8.0	µg/m^3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	µg/m^3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	µg/m^3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	µg/m^3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8.0	µg/m^3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	µg/m^3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8.0	µg/m^3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**A13-17'**	**A12-17'**	**A11-20.5'**	**A10-30.5'**	**A9-30.5'**		
JEL ID:	**C-2447-11**	**C-2447-12**	**C-2447-13**	**C-2447-14**	**C-2447-15**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
Ethylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Freon 113	ND	ND	ND	**94.4**	**122**	40.0	μg/m³
Hexachlorobutadiene	ND	ND	ND	ND	ND	8.0	μg/m³
Isopropylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
4-Isopropyltoluene	ND	ND	ND	ND	ND	8.0	μg/m³
Methylene chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Naphthalene	ND	ND	ND	ND	ND	8.0	μg/m³
n-Propylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Styrene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Tetrachloroethylene	**845**	**972**	**1800**	**8810**	**8010**	8.0	μg/m³
Toluene	**52.4**	**72.0**	**67.6**	**60.6**	ND	8.0	μg/m³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1-Trichloroethane	**6060**	**146**	**25.8**	**19.4**	ND	8.0	μg/m³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Trichloroethylene	**82.6**	**94.4**	**30.8**	**801**	**2140**	8.0	μg/m³
Trichlorofluoromethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trimethylbenzene	ND	ND	**22.2**	ND	ND	8.0	μg/m³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Vinyl chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Xylenes	ND	**32.2**	**59.0**	**31.4**	ND	8.0	μg/m³
MTBE	ND	ND	ND	ND	ND	40.0	μg/m³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40.0	μg/m³
Di-isopropylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-amylmethylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-Butylalcohol	ND	ND	ND	ND	ND	400	μg/m³
TIC:							
n-pentane	ND	ND	ND	ND	ND	8.0	μg/m³
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	80%	106%	106%	118%	106%	60 - 140	
Toluene-d_8	103%	94%	101%	96%	99%	60 - 140	
4-Bromofluorobenzene	93%	88%	94%	88%	95%	60 - 140	
	E1-050616-CHECKS	E2-050616-CHECKS	E1-050616-CHECKS	E2-050616-CHECKS	E1-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	A8-20.5'	A7-20.5'	A6-20.5'	A13-17' REP	A5-20.5'		
JEL ID:	C-2447-16	C-2447-17	C-2447-18	C-2447-19	C-2447-20	Practical Quantitation Limit	Units
Analytes:							
Benzene	**29.0**	ND	**20.8**	ND	**20.2**	8.0	μg/m^3
Bromobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromodichloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromoform	ND	ND	ND	ND	ND	8.0	μg/m^3
n-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
sec-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
tert-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Carbon tetrachloride	ND	ND	ND	ND	ND	8.0	μg/m^3
Chlorobenzene	ND	ND	ND	ND	**9.0**	8.0	μg/m^3
Chloroform	**21.8**	**101**	**34.8**	ND	**121**	8.0	μg/m^3
2-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
4-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromochloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromomethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dichlorodifluoromethane	**326**	**978**	**505**	**23.6**	**331**	8.0	μg/m^3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloroethene	ND	ND	ND	**907**	ND	8.0	μg/m^3
cis-1,2-Dichloroethene	ND	**21.6**	ND	ND	ND	8.0	μg/m^3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m^3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**A8-20.5'**	**A7-20.5'**	**A6-20.5'**	**A13-17' REP**	**A5-20.5'**		
JEL ID:	**C-2447-16**	**C-2447-17**	**C-2447-18**	**C-2447-19**	**C-2447-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	µg/m^3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	µg/m^3
Ethylbenzene	**35.4**	ND	**34.2**	ND	ND	8.0	µg/m^3
Freon 113	**90.2**	**290**	**124**	ND	**66.4**	40.0	µg/m^3
Hexachlorobutadiene	ND	ND	ND	ND	ND	8.0	µg/m^3
Isopropylbenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
4-Isopropyltoluene	**38.8**	ND	ND	ND	ND	8.0	µg/m^3
Methylene chloride	ND	ND	ND	ND	ND	8.0	µg/m^3
Naphthalene	ND	ND	ND	ND	ND	8.0	µg/m^3
n-Propylbenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
Styrene	ND	ND	ND	ND	ND	8.0	µg/m^3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	**847**	8.0	µg/m^3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	µg/m^3
Tetrachloroethylene	**12900**	**38000***	**105000***	**1070**	**3120000***	8.0	µg/m^3
Toluene	**204**	ND	**234**	ND	**84.0**	8.0	µg/m^3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
1,1,1-Trichloroethane	**15.0**	**22.2**	**10.8**	**5880**	**26.6**	8.0	µg/m^3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8.0	µg/m^3
Trichloroethylene	**1820**	**40500***	**2020**	**243**	**8400**	8.0	µg/m^3
Trichlorofluoromethane	ND	**29.4**	ND	ND	ND	8.0	µg/m^3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8.0	µg/m^3
1,2,4-Trimethylbenzene	**47.6**	ND	**31.8**	ND	ND	8.0	µg/m^3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8.0	µg/m^3
Vinyl chloride	ND	ND	ND	ND	ND	8.0	µg/m^3
Xylenes	**213**	ND	**187**	ND	ND	8.0	µg/m^3
MTBE	ND	ND	ND	ND	ND	40.0	µg/m^3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40.0	µg/m^3
Di-isopropylether	ND	ND	ND	ND	ND	40.0	µg/m^3
tert-amylmethylether	ND	ND	ND	ND	ND	40.0	µg/m^3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m^3
TIC:							
n-pentane	ND	ND	ND	ND	ND	8.0	µg/m^3
Dilution Factor	1	1/10*	1/10*	1	1/250*		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	116%	115%	103%	80%	117%	60 - 140	
Toluene-d_8	98%	97%	98%	102%	93%	60 - 140	
4-Bromofluorobenzene	96%	91%	96%	97%	85%	60 - 140	
	E2-050616-CHECKS	E2-050616-CHECKS	E1-050616-CHECKS	E1-050616-CHECKS	E2-050616-CHECKS		

ND= Not Detected

* = Dilutions for these compound(s); first number for all others

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**A4-20.5'**	**A3-20.5'**	**A2-16'**	**A1-16'**	**B2-16.5'**		
JEL ID:	**C-2447-21**	**C-2447-22**	**C-2447-23**	**C-2447-24**	**C-2447-25**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	**65.0**	8.0	μg/m^3
Bromobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromodichloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromoform	ND	ND	ND	ND	ND	8.0	μg/m^3
n-Butylbenzene	ND	ND	ND	**11.0**	ND	8.0	μg/m^3
sec-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
tert-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Carbon tetrachloride	ND	ND	ND	ND	ND	8.0	μg/m^3
Chlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Chloroform	**47.4**	ND	ND	ND	ND	8.0	μg/m^3
2-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
4-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromochloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromomethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dichlorodifluoromethane	**191**	**109**	**111**	**110**	**116**	8.0	μg/m^3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m^3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**A4-20.5'**	**A3-20.5'**	**A2-16'**	**A1-16'**	**B2-16.5'**		
JEL ID:	**C-2447-21**	**C-2447-22**	**C-2447-23**	**C-2447-24**	**C-2447-25**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
Ethylbenzene	ND	ND	**85.8**	**84.2**	**105**	8.0	μg/m³
Freon 113	ND	ND	ND	ND	ND	40.0	μg/m³
Hexachlorobutadiene	ND	ND	ND	ND	ND	8.0	μg/m³
Isopropylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
4-Isopropyltoluene	**18.8**	ND	**50.0**	**51.8**	**23.2**	8.0	μg/m³
Methylene chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Naphthalene	ND	ND	ND	ND	ND	8.0	μg/m³
n-Propylbenzene	ND	ND	**16.4**	**16.2**	ND	8.0	μg/m³
Styrene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1,2-Tetrachloroethane	**243**	ND	ND	ND	ND	8.0	μg/m³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Tetrachloroethylene	**1080000***	**56500***	**6680**	**9860**	**3310**	8.0	μg/m³
Toluene	**9.4**	**15.0**	**244**	**281**	**574**	8.0	μg/m³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1-Trichloroethane	ND	ND	**182**	**203**	**67.6**	8.0	μg/m³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Trichloroethylene	**4350**	**59.8**	**110**	**143**	**78.4**	8.0	μg/m³
Trichlorofluoromethane	ND	ND	ND	ND	**10.8**	8.0	μg/m³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trimethylbenzene	**11.0**	ND	**329**	**288**	**124**	8.0	μg/m³
1,3,5-Trimethylbenzene	ND	ND	**174**	**144**	**31.8**	8.0	μg/m³
Vinyl chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Xylenes	**8.0**	ND	**590**	**550**	**628**	8.0	μg/m³
MTBE	ND	ND	ND	ND	ND	40.0	μg/m³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40.0	μg/m³
Di-isopropylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-amylmethylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-Butylalcohol	ND	ND	ND	ND	ND	400	μg/m³
TIC:							
n-pentane	ND	ND	ND	ND	ND	8.0	μg/m³
Dilution Factor	1/250*	1/10*	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	104%	114%	106%	115%	105%	60 - 140	
Toluene-d_8	97%	95%	100%	98%	99%	60 - 140	
4-Bromofluorobenzene	93%	89%	94%	89%	95%	60 - 140	
	E1-050616-CHECKS	E2-050616-CHECKS	E1-050616-CHECKS	E2-050616-CHECKS	E1-050616-CHECKS		

ND= Not Detected

* = Dilutions for these compound(s); first number for all others

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B5-20'**	**B4-19'**	**LB4-20.5'**	**LB3-20'**	**LB1-15'**		
JEL ID:	**C-2447-28**	**C-2447-29**	**C-2447-30**	**C-2447-31**	**C-2447-32**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	**13.4**	**20.8**	**25.2**	**26.9**	ND	8.0	μg/m^3
Bromobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromodichloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromoform	ND	ND	ND	ND	ND	8.0	μg/m^3
n-Butylbenzene	ND	**24.2**	ND	ND	ND	8.0	μg/m^3
sec-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
tert-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Carbon tetrachloride	ND	ND	ND	ND	ND	8.0	μg/m^3
Chlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Chloroform	ND	ND	ND	**67.0**	ND	8.0	μg/m^3
2-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
4-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromochloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromomethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dichlorodifluoromethane	**269**	**90.8**	**698**	**200**	**43.4**	8.0	μg/m^3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloroethene	ND	ND	ND	**242**	ND	8.0	μg/m^3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m^3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B5-20'**	**B4-19'**	**LB4-20.5'**	**LB3-20'**	**LB1-15'**		
JEL ID:	**C-2447-28**	**C-2447-29**	**C-2447-30**	**C-2447-31**	**C-2447-32**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
Ethylbenzene	**72.4**	**30.5**	**32.0**	**35.7**	ND	8.0	μg/m³
Freon 113	ND	ND	**107**	ND	ND	40.0	μg/m³
Hexachlorobutadiene	ND	ND	ND	ND	ND	8.0	μg/m³
Isopropylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
4-Isopropyltoluene	**27.9**	**60.6**	**18.3**	ND	ND	8.0	μg/m³
Methylene chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Naphthalene	ND	ND	ND	ND	ND	8.0	μg/m³
n-Propylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Styrene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1,2-Tetrachloroethane	**103**	**48.2**	**10.6**	**635**	ND	8.0	μg/m³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Tetrachloroethylene	**1410000***	**1030000***	**544000***	**10600000***	**423**	8.0	μg/m³
Toluene	**72.5**	**127**	**175**	**114**	**76.0**	8.0	μg/m³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1-Trichloroethane	ND	ND	ND	**8.0**	**39.2**	8.0	μg/m³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Trichloroethylene	**373**	**431**	**648**	**4930**	**38.0**	8.0	μg/m³
Trichlorofluoromethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trimethylbenzene	**20.0**	**56.9**	**10.6**	ND	ND	8.0	μg/m³
1,3,5-Trimethylbenzene	ND	**20.4**	ND	ND	ND	8.0	μg/m³
Vinyl chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Xylenes	**85.2**	**182**	**156**	**35.3**	**11.6**	8.0	μg/m³
MTBE	ND	ND	ND	ND	ND	40.0	μg/m³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40.0	μg/m³
Di-isopropylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-amylmethylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-Butylalcohol	ND	ND	ND	ND	ND	400	μg/m³
TIC:							
n-pentane	ND	ND	ND	ND	ND	8.0	μg/m³
Dilution Factor	1/100*	1/100*	1/100*	1/1000*	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	104%	100%	99%	100%	104%	60 - 140	
Toluene-d_8	94%	92%	93%	94%	101%	60 - 140	
4-Bromofluorobenzene	97%	95%	95%	95%	97%	60 - 140	
	C2-050616-CHECKS	C2-050616-CHECKS	C2-050616-CHECKS	C2-050616-CHECKS	E1-050616-CHECKS		

ND= Not Detected

* = Dilutions for these compound(s); first number for all others

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**LB1-20.5'**	**B3-17'**	**LB2-19.5'**	**LB6-17'**	**B13-17'**		
JEL ID:	**C-2447-33**	**C-2447-34**	**C-2447-35**	**C-2447-36**	**C-2447-37**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	**124**	**15.2**	ND	ND	8.0	μg/m³
Bromobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Bromodichloromethane	ND	ND	ND	ND	ND	8.0	μg/m³
Bromoform	ND	ND	ND	ND	ND	8.0	μg/m³
n-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
sec-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
tert-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Carbon tetrachloride	ND	ND	ND	ND	ND	8.0	μg/m³
Chlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Chloroform	ND	ND	ND	ND	ND	8.0	μg/m³
2-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m³
4-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m³
Dibromochloromethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8.0	μg/m³
Dibromomethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Dichlorodifluoromethane	**33.0**	**32.8**	**99.2**	ND	**11.6**	8.0	μg/m³
1,1-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,1-Dichloroethene	ND	ND	ND	**67.6**	ND	8.0	μg/m³
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m³
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m³
1,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,3-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
2,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,1-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**LB1-20.5'**	**B3-17'**	**LB2-19.5'**	**LB6-17'**	**B13-17'**		
JEL ID:	**C-2447-33**	**C-2447-34**	**C-2447-35**	**C-2447-36**	**C-2447-37**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
Ethylbenzene	ND	**335**	ND	ND	ND	8.0	μg/m³
Freon 113	ND	ND	ND	ND	ND	40.0	μg/m³
Hexachlorobutadiene	ND	ND	ND	ND	ND	8.0	μg/m³
Isopropylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
4-Isopropyltoluene	ND	**4050**	ND	ND	ND	8.0	μg/m³
Methylene chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Naphthalene	ND	ND	ND	ND	ND	8.0	μg/m³
n-Propylbenzene	ND	**67.6**	ND	ND	ND	8.0	μg/m³
Styrene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Tetrachloroethylene	**11000**	**11300**	**63200***	**1590**	**323**	8.0	μg/m³
Toluene	**45.4**	**1290**	**68.2**	ND	**10.0**	8.0	μg/m³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1-Trichloroethane	**167**	**28.2**	ND	**17.4**	**107**	8.0	μg/m³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Trichloroethylene	**332**	**69.6**	**110**	**115**	**17.0**	8.0	μg/m³
Trichlorofluoromethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trimethylbenzene	ND	**619**	ND	ND	ND	8.0	μg/m³
1,3,5-Trimethylbenzene	ND	**177**	ND	ND	ND	8.0	μg/m³
Vinyl chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Xylenes	ND	**1850**	ND	ND	ND	8.0	μg/m³
MTBE	ND	ND	ND	ND	ND	40.0	μg/m³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40.0	μg/m³
Di-isopropylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-amylmethylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-Butylalcohol	ND	ND	ND	ND	ND	400	μg/m³
TIC:							
n-pentane	ND	ND	ND	ND	ND	8.0	μg/m³
Dilution Factor	1	1	1/10*	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	115%	99%	114%	105%	118%	60 - 140	
Toluene-d_8	92%	98%	92%	100%	94%	60 - 140	
4-Bromofluorobenzene	86%	93%	90%	93%	85%	60 - 140	
	E2-050616-CHECKS	E1-050616-CHECKS	E2-050616-CHECKS	E1-050616-CHECKS	E2-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**B14-17'**	**B15-4'**		
JEL ID:	**C-2447-38**	**C-2447-39**	**Practical Quantitation Limit**	**Units**
Analytes:				
Benzene	ND	ND	8.0	μg/m^3
Bromobenzene	ND	ND	8.0	μg/m^3
Bromodichloromethane	ND	ND	8.0	μg/m^3
Bromoform	ND	ND	8.0	μg/m^3
n-Butylbenzene	ND	ND	8.0	μg/m^3
sec-Butylbenzene	ND	ND	8.0	μg/m^3
tert-Butylbenzene	ND	ND	8.0	μg/m^3
Carbon tetrachloride	ND	ND	8.0	μg/m^3
Chlorobenzene	ND	ND	8.0	μg/m^3
Chloroform	ND	ND	8.0	μg/m^3
2-Chlorotoluene	ND	ND	8.0	μg/m^3
4-Chlorotoluene	ND	ND	8.0	μg/m^3
Dibromochloromethane	ND	ND	8.0	μg/m^3
1,2-Dibromo-3-chloropropane	ND	ND	8.0	μg/m^3
1,2-Dibromoethane (EDB)	ND	ND	8.0	μg/m^3
Dibromomethane	ND	ND	8.0	μg/m^3
1,2- Dichlorobenzene	ND	ND	8.0	μg/m^3
1,3-Dichlorobenzene	ND	ND	8.0	μg/m^3
1,4-Dichlorobenzene	ND	ND	8.0	μg/m^3
Dichlorodifluoromethane	**8.2**	**16.6**	8.0	μg/m^3
1,1-Dichloroethane	ND	ND	8.0	μg/m^3
1,2-Dichloroethane	ND	ND	8.0	μg/m^3
1,1-Dichloroethene	ND	ND	8.0	μg/m^3
cis-1,2-Dichloroethene	ND	ND	8.0	μg/m^3
trans-1,2-Dichloroethene	ND	ND	8.0	μg/m^3
1,2-Dichloropropane	ND	ND	8.0	μg/m^3
1,3-Dichloropropane	ND	ND	8.0	μg/m^3
2,2-Dichloropropane	ND	ND	8.0	μg/m^3
1,1-Dichloropropene	ND	ND	8.0	μg/m^3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	B14-17'	B15-4'		
JEL ID:	C-2447-38	C-2447-39	Practical Quantitation Limit	Units
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8.0	μg/m³
trans-1,3-Dichloropropene	ND	ND	8.0	μg/m³
Ethylbenzene	ND	ND	8.0	μg/m³
Freon 113	ND	ND	40.0	μg/m³
Hexachlorobutadiene	ND	ND	8.0	μg/m³
Isopropylbenzene	ND	ND	8.0	μg/m³
4-Isopropyltoluene	ND	ND	8.0	μg/m³
Methylene chloride	ND	ND	8.0	μg/m³
Naphthalene	ND	ND	8.0	μg/m³
n-Propylbenzene	ND	ND	8.0	μg/m³
Styrene	ND	ND	8.0	μg/m³
1,1,1,2-Tetrachloroethane	ND	ND	8.0	μg/m³
1,1,2,2-Tetrachloroethane	ND	ND	8.0	μg/m³
Tetrachloroethylene	**143**	**222**	8.0	μg/m³
Toluene	**80.6**	**18.4**	8.0	μg/m³
1,2,3-Trichlorobenzene	ND	ND	8.0	μg/m³
1,2,4-Trichlorobenzene	ND	ND	8.0	μg/m³
1,1,1-Trichloroethane	**14.4**	ND	8.0	μg/m³
1,1,2-Trichloroethane	ND	ND	8.0	μg/m³
Trichloroethylene	**41.4**	**31.8**	8.0	μg/m³
Trichlorofluoromethane	ND	ND	8.0	μg/m³
1,2,3-Trichloropropane	ND	ND	8.0	μg/m³
1,2,4-Trimethylbenzene	ND	ND	8.0	μg/m³
1,3,5-Trimethylbenzene	ND	ND	8.0	μg/m³
Vinyl chloride	ND	ND	8.0	μg/m³
Xylenes	**27.0**	ND	8.0	μg/m³
MTBE	ND	ND	40.0	μg/m³
Ethyl-tert-butylether	ND	ND	40.0	μg/m³
Di-isopropylether	ND	ND	40.0	μg/m³
tert-amylmethylether	ND	ND	40.0	μg/m³
tert-Butylalcohol	ND	ND	400	μg/m³
TIC:				
n-pentane	ND	ND	8.0	μg/m³
Dilution Factor	1	1		
Surrogate Recoveries:			QC Limits	
Dibromofluoromethane	102%	102%	60 - 140	
Toluene-d_8	100%	100%	60 - 140	
4-Bromofluorobenzene	93%	94%	60 - 140	
	E1-050616-CHECKS	E1-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**METHOD BLANK**	**SAMPLING BLANK**	**METHOD BLANK**	**SAMPLING BLANK**	**METHOD BLANK**		
JEL ID:	**C-2447-44**	**C-2447-45**	**C-2447-49**	**C-2447-50**	**C-2447-54**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromodichloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
Bromoform	ND	ND	ND	ND	ND	8.0	μg/m^3
n-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
sec-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
tert-Butylbenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Carbon tetrachloride	ND	ND	ND	ND	ND	8.0	μg/m^3
Chlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Chloroform	ND	ND	ND	ND	ND	8.0	μg/m^3
2-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
4-Chlorotoluene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromochloromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8.0	μg/m^3
Dibromomethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m^3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8.0	μg/m^3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8.0	μg/m^3
1,1-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m^3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**METHOD BLANK**	**SAMPLING BLANK**	**METHOD BLANK**	**SAMPLING BLANK**	**METHOD BLANK**		
JEL ID:	**C-2447-44**	**C-2447-45**	**C-2447-49**	**C-2447-50**	**C-2447-54**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8.0	μg/m³
Ethylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Freon 113	ND	ND	ND	ND	ND	40.0	μg/m³
Hexachlorobutadiene	ND	ND	ND	ND	ND	8.0	μg/m³
Isopropylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
4-Isopropyltoluene	ND	ND	ND	ND	ND	8.0	μg/m³
Methylene chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Naphthalene	ND	ND	ND	ND	ND	8.0	μg/m³
n-Propylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Styrene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Tetrachloroethylene	ND	ND	ND	ND	ND	8.0	μg/m³
Toluene	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8.0	μg/m³
Trichloroethylene	ND	ND	ND	ND	ND	8.0	μg/m³
Trichlorofluoromethane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8.0	μg/m³
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8.0	μg/m³
Vinyl chloride	ND	ND	ND	ND	ND	8.0	μg/m³
Xylenes	ND	ND	ND	ND	ND	8.0	μg/m³
MTBE	ND	ND	ND	ND	ND	40.0	μg/m³
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40.0	μg/m³
Di-isopropylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-amylmethylether	ND	ND	ND	ND	ND	40.0	μg/m³
tert-Butylalcohol	ND	ND	ND	ND	ND	400	μg/m³
TIC:							
n-pentane	ND	ND	ND	ND	ND	8.0	μg/m³
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	101%	103%	105%	106%	119%	60 - 140	
Toluene-d_8	94%	94%	99%	101%	95%	60 - 140	
4-Bromofluorobenzene	89%	92%	95%	95%	86%	60 - 140	
	C2-050616-CHECKS	C2-050616-CHECKS	E1-050616-CHECKS	E1-050616-CHECKS	E2-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**SAMPLING BLANK**		
JEL ID:	**C-2447-55**	**Practical Quantitation Limit**	**Units**
Analytes:			
Benzene	ND	8.0	μg/m^3
Bromobenzene	ND	8.0	μg/m^3
Bromodichloromethane	ND	8.0	μg/m^3
Bromoform	ND	8.0	μg/m^3
n-Butylbenzene	ND	8.0	μg/m^3
sec-Butylbenzene	ND	8.0	μg/m^3
tert-Butylbenzene	ND	8.0	μg/m^3
Carbon tetrachloride	ND	8.0	μg/m^3
Chlorobenzene	ND	8.0	μg/m^3
Chloroform	ND	8.0	μg/m^3
2-Chlorotoluene	ND	8.0	μg/m^3
4-Chlorotoluene	ND	8.0	μg/m^3
Dibromochloromethane	ND	8.0	μg/m^3
1,2-Dibromo-3-chloropropane	ND	8.0	μg/m^3
1,2-Dibromoethane (EDB)	ND	8.0	μg/m^3
Dibromomethane	ND	8.0	μg/m^3
1,2- Dichlorobenzene	ND	8.0	μg/m^3
1,3-Dichlorobenzene	ND	8.0	μg/m^3
1,4-Dichlorobenzene	ND	8.0	μg/m^3
Dichlorodifluoromethane	ND	8.0	μg/m^3
1,1-Dichloroethane	ND	8.0	μg/m^3
1,2-Dichloroethane	ND	8.0	μg/m^3
1,1-Dichloroethene	ND	8.0	μg/m^3
cis-1,2-Dichloroethene	ND	8.0	μg/m^3
trans-1,2-Dichloroethene	ND	8.0	μg/m^3
1,2-Dichloropropane	ND	8.0	μg/m^3
1,3-Dichloropropane	ND	8.0	μg/m^3
2,2-Dichloropropane	ND	8.0	μg/m^3
1,1-Dichloropropene	ND	8.0	μg/m^3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Sample ID:	**SAMPLING BLANK**	**Practical Quantitation Limit**	**Units**
JEL ID:	**C-2447-55**		
Analytes:			
cis-1,3-Dichloropropene	ND	8.0	μg/m³
trans-1,3-Dichloropropene	ND	8.0	μg/m³
Ethylbenzene	ND	8.0	μg/m³
Freon 113	ND	40.0	μg/m³
Hexachlorobutadiene	ND	8.0	μg/m³
Isopropylbenzene	ND	8.0	μg/m³
4-Isopropyltoluene	ND	8.0	μg/m³
Methylene chloride	ND	8.0	μg/m³
Naphthalene	ND	8.0	μg/m³
n-Propylbenzene	ND	8.0	μg/m³
Styrene	ND	8.0	μg/m³
1,1,1,2-Tetrachloroethane	ND	8.0	μg/m³
1,1,2,2-Tetrachloroethane	ND	8.0	μg/m³
Tetrachloroethylene	ND	8.0	μg/m³
Toluene	ND	8.0	μg/m³
1,2,3-Trichlorobenzene	ND	8.0	μg/m³
1,2,4-Trichlorobenzene	ND	8.0	μg/m³
1,1,1-Trichloroethane	ND	8.0	μg/m³
1,1,2-Trichloroethane	ND	8.0	μg/m³
Trichloroethylene	ND	8.0	μg/m³
Trichlorofluoromethane	ND	8.0	μg/m³
1,2,3-Trichloropropane	ND	8.0	μg/m³
1,2,4-Trimethylbenzene	ND	8.0	μg/m³
1,3,5-Trimethylbenzene	ND	8.0	μg/m³
Vinyl chloride	ND	8.0	μg/m³
Xylenes	ND	8.0	μg/m³
MTBE	ND	40.0	μg/m³
Ethyl-tert-butylether	ND	40.0	μg/m³
Di-isopropylether	ND	40.0	μg/m³
tert-amylmethylether	ND	40.0	μg/m³
tert-Butylalcohol	ND	400	μg/m³
TIC:			
n-pentane	ND	8.0	μg/m³
Dilution Factor	1		

Surrogate Recoveries:		**QC Limits**
Dibromofluoromethane	118%	60 - 140
Toluene-d_8	93%	60 - 140
4-Bromofluorobenzene	87%	60 - 140
	E2-050616-CHECKS	

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: C2-050616-CHECKS

JEL ID:	**C-2447-42**	**C-2447-43**			**C-2447-41**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl Chloride	106%	105%	0.9%	70 - 130	94%	80 - 120
1,1-Dichloroethylene	117%	116%	0.6%	70 - 130	125%	80 - 120
Cis-1,2-Dichloroethene	104%	109%	4.6%	70 - 130	105%	80 - 120
1,1,1-Trichloroethane	98%	103%	5.0%	70 - 130	80%	80 - 120
Benzene	99%	104%	5.0%	70 - 130	95%	80 - 120
Trichloroethylene	105%	109%	3.9%	70 - 130	97%	80 - 120
Toluene	107%	111%	3.4%	70 - 130	100%	80 - 120
Tetrachloroethene	102%	109%	6.2%	70 - 130	94%	80 - 120
Chlorobenzene	109%	115%	5.3%	70 - 130	100%	80 - 120
Ethylbenzene	105%	109%	3.9%	70 - 130	94%	80 - 120
1,2,4 Trimethylbenzene	111%	111%	0.6%	70 - 130	95%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	98%	98%		60 - 140	99%	60 - 140
Toluene-d_8	98%	98%		60 - 140	99%	60 - 140
4-Bromofluorobenzene	97%	96%		60 - 140	102%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: E1-050616-CHECKS

JEL ID:	**C-2447-47**	**C-2447-48**			**C-2447-46**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl Chloride	104%	110%	5.7%	70 - 130	116%	80 - 120
1,1-Dichloroethylene	108%	104%	3.9%	70 - 130	90%	80 - 120
Cis-1,2-Dichloroethene	108%	110%	1.3%	70 - 130	100%	80 - 120
1,1,1-Trichloroethane	108%	108%	0.0%	70 - 130	100%	80 - 120
Benzene	119%	117%	2.1%	70 - 130	108%	80 - 120
Trichloroethylene	113%	109%	3.4%	70 - 130	103%	80 - 120
Toluene	116%	112%	3.5%	70 - 130	107%	80 - 120
Tetrachloroethene	111%	107%	3.5%	70 - 130	100%	80 - 120
Chlorobenzene	108%	108%	0.4%	70 - 130	101%	80 - 120
Ethylbenzene	123%	117%	4.7%	70 - 130	108%	80 - 120
1,2,4 Trimethylbenzene	124%	120%	3.7%	70 - 130	111%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	99%	101%		60 - 140	95%	60 - 140
Toluene-d_8	103%	98%		60 - 140	103%	60 - 140
4-Bromofluorobenzene	98%	96%		60 - 140	94%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/6/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	C-2447
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank LLC	**Date Analyzed:**	5/6/2016
Project Address:	777 North Front Street	**Physical State:**	Soil Gas
	Burbank, CA		

EPA 8260B – Volatile Organics by GC/MS + Oxygenates

Batch ID: E2-050616-CHECKS

JEL ID:	**C-2447-52**	**C-2447-53**			**C-2447-51**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl Chloride	61%	62%	2.8%	70 - 130	52%	80 - 120
1,1-Dichloroethylene	110%	104%	5.8%	70 - 130	105%	80 - 120
Cis-1,2-Dichloroethene	92%	99%	6.4%	70 - 130	101%	80 - 120
1,1,1-Trichloroethane	114%	111%	2.7%	70 - 130	92%	80 - 120
Benzene	91%	90%	1.4%	70 - 130	90%	80 - 120
Trichloroethylene	109%	106%	2.5%	70 - 130	109%	80 - 120
Toluene	99%	97%	1.3%	70 - 130	98%	80 - 120
Tetrachloroethene	98%	99%	1.6%	70 - 130	100%	80 - 120
Chlorobenzene	98%	102%	3.4%	70 - 130	99%	80 - 120
Ethylbenzene	97%	101%	4.5%	70 - 130	101%	80 - 120
1,2,4 Trimethylbenzene	109%	113%	3.9%	70 - 130	117%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	111%	107%		60 - 140	98%	60 - 140
Toluene-d_8	93%	95%		60 - 140	93%	60 - 140
4-Bromofluorobenzene	89%	93%		60 - 140	91%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

JONES ENVIRONMENTAL, INC.

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Fax (714) 449-9685
www.jonesenvironmentallab.com

Chain-of-Custody Record

Client: Leighton + Associates, Inc.
Project Name: SJ4 Burbank LLC
Project Address: 777 North Front Street, Burbank, CA
Project Contact: Robin Ferber

Date: 05/06/2016
Client Project #: 11235.002

Turn Around Requested:
☐ Immediate Attention
☐ Rush 24-48 Hours
☐ Rush 72-96 Hours
☐ Normal
☒ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Purge Rate: ~205 cc/min
Shut in Test (Y) / N
Tracer:
☐ n-propanol
☒ n-pentane
☐ 1,1-DFA
☐ Helium
☐ ______

JEL Project #: C-2447
Page 1 **of** 5

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☒ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs)	Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
LB8-17'	3	1830	5/6	0711	0712	C-2447-01	SG	x	<2	2	glass gastight syringe
B12-17'	3	1830	5/6	0724	0727	C-2447-02	SG	x	<2	2	
LB7-17'	3	1830	5/6	0739	0747	C-2447-03	SG	x	<2	2	
B11-20.5'	3	1880	5/6	0751	0806	C-2447-04	SG	x	<2	2	
B10-30.5'	3	2050	5/6	0812	0825	C-2447-05	SG	x	<2	2	
B10-30.5' REP	3	2050	5/6	0828	0844	C-2447-06	SG	x	<2	2	
B9-30.5'	3	2050	5/6	0848	0903	C-2447-07	SG	x	<2	2	
B8-20.5'	3	1880	5/6	0908	0922	C-2447-08	SG	x	8	2	
LB5-14.5'	3	1780	5/6	0940	0947	C-2447-09	SG	x	<2	2	
LB5-20.5'	3	1880	5/6	0952	0959	C-2447-10	SG	x	10	2	

Total Number of Containers: 20

❶ Relinquished by (signature): [signature]	Date: 5-6-16	❷ Received by (signature): [signature]	Date: 5/6/16
Company: Leighton + Associates	Time: 1400	Company: Jones Env	Time: 1406
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date
Company	Time	Company	Time

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(562) 646-1611
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Chain-of-Custody Record

Client Leighton & Associates, Inc.

Project Name SJ4 Burbank LLC

Project Address 777 N. Front St.
Burbank, CA

Project Contact Robin Ferber

Date 5/6/16

Client Project # 11235.002

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☐ Normal
- ☒ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Purge Rate: ~200 cc/min
Shut in Test (Y) / N
Tracer:
- ☒ ~~n-propanol~~
- ☒ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ____________

JEL Project # C-2447

Page 2 of 5

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☒ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs & Oxys)				Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
A13-17'	3	1830	5/6/16	0710	0711	C-2447-11	SG	X				4	2	glass gastight syringe
A12-17'	3	1830	↓	0715	0716	C-2447-12	SG	X				4	2	↓
A11-20.5'	3	1880		0731	0732	C-2447-13	SG	X				<2	2	
A10-30.5'	3	2050		0734	0735	C-2447-14	SG	X				2	2	
A9-30.5'	3	2050		0745	0747	C-2447-15	SG	X				2	2	
A8-20.5'	3	1880		0750	0751	C-2447-16	SG	X				10	2	
A7-20.5'	3	1880		0812	0813	C-2447-17	SG	X				4	2	
A6-20.5'	3	1880		0822	0828	C-2447-18	SG	X				14	2	
A13-17' REP	3	1830		0806	0810	C-2447-19	SG	X				4	2	
A5-20.5'	3	1830		0827	0829	C-2447-20	SG	X				2	2	

❶ Relinquished by (signature)	Date 5-6-16	❷ Received by (signature)	Date 5/6/16
Company Leighton + Associates	Time 1406	Company Jones	Time 1406
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date
Company	Time	Company	Time

Total Number of Containers 20

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Chain-of-Custody Record

Client Leighton & Associates, Inc

Project Name ~~P~~ SJ4 Burbank LLC

Project Address 777 Front St.
Burbank, CA

Project Contact Robin Ferber

Date 5/6/16

Client Project # 11235.002

Turn Around Requested:
☐ Immediate Attention
Rush: ☐ 24 ☐ 48 ☐ 72
☐ Normal
☒ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Purge Rate: ~200 cc/min
Shut in Test (Y) / N
Tracer:
☐ n-propanol
☒ n-pentane
☐ 1,1-DFA
☐ Helium
☐ ______

JEL Project # C-2447

Page 3 of 5

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☒ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs + Oxys)				Magnehelic Vacuum (In/H₂O)	Number of Containers	Remarks/Special Instructions
A4-20.5'	3	1880	5/6/16	0842	0847	C-2447-21	SG	X				<2	2	glass gastight syringe
A3-20.5'	3	1880		0846	0849	C-2447-22	SG	X				<2	2	
A7-20.5' DIL	—	—		0857	0904	—	SG	X				4	1	
A6-20.5' DIL	—	—		0900	0903	—	SG	X				14	1	
A4-20.5' DIL	—	—		0914	0920	—	SG	X				<2	1	
A3-20.5' DIL	—	—		0917	0922	—	SG	X				<2	1	
A2-16'	3	1810		0927	0937	C-2447-23	SG	X				4	2	
A1-16'	3	1810		0930	0940	C-2447-24	SG	X				16	2	
B2-16.5'	3	1820		0946	0955	C-2447-25	SG	X				10	2	
A5-20.5' DIL	—	—		0950	0959	—	SG	X				2	1	

❶ Relinquished by (signature)	Date 5-6-16	❷ Received by (signature)	Date 5/6/16	15 Total Number of Containers
Company Leighton + Associates	Time 1406	Company Jones Env	Time 1406	
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

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Chain-of-Custody Record

Client: Leighton + Associates, Inc.
Project Name: SJ4 Burbank LLC
Project Address: 777 North Front Street, Burbank, CA
Project Contact: Robin Ferber

Date: 05/06/2016
Client Project #: 11235.002

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 72-96 Hours
- ☐ Normal
- ☒ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Purge Rate: 200 cc/min
Shut in Test (Y) / N
Tracer:
- ☐ n-propanol
- ☒ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ________

JEL Project #: C-2447
Page 4 of 45

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA 8260B (VOCs)				Magnehelic Vacuum (in/H_2O)	Number of Containers	Remarks/Special Instructions
B7-20'	—	—	5/6	0925	—	C-2447-26	–	–				>100	∅	NO FLOW
B6-20.5'	—	—	5/6	1005	—	C-2447-27	–	–				>100	∅	NO FLOW
B5-20'	3	1880	5/6	1018	1019	C-2447-28	SG	X				8	2	glass gastight syringe
B4-19'	3	1860	5/6	1036	1037	C-2447-29	SG	X				44	2	Low Flow
LB4-20.5'	3	1880	5/6	1102	1103	C-2447-30	SG	X				2	2	
B5-20' DIL	—	—	5/6	1114	1119	—	SG	X				8	1	DILUTION
B4-19' DIL	—	—	5/6	1124	1140	—	SG	X				44	1	DILUTION
LB3-20'	3	1880	5/6	1149	1159	C-2447-31	SG	X				4	2	
LB4-20.5' DIL	—	—	5/6	1215	1219	—	SG	X				2	1	DILUTION
LB3-20' DIL	—	—	5/6	~~1228~~ 1312	~~1237~~ 1315	—	SG	X				4	1	DILUTION

❶ Relinquished by (signature)	Date: 5-6-16	❷ Received by (signature)	Date: 5/6/16
Company: Leighton + Associates	Time: 1400	Company: Jones Env	Time: 1400
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date
Company	Time	Company	Time

Total Number of Containers: 12

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Chain-of-Custody Record

Client: Leighton & Associates, Inc.
Project Name: SJ4 Burbank LLC
Project Address: 777 Front St. Burbank, CA
Project Contact: Robin Ferber

Date: 5/6/16
Client Project #: 11235.002

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☐ Normal
- ☒ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Purge Rate: ~200 cc/min
Shut in Test (Y) / N
Tracer:
- ☐ n-propanol
- ☒ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ________

JEL Project #: C-2447
Page 5 of 5

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☒ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	EPA8260B (VOCs & Oxys)				Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
LB1-15'	3	1790	5/6/16	1009	1013	C-2447-32	SG	X				24	2	glass gastight syringe
LB1-20.5'	3	1880		1012	1016	C-2447-33	SG	X				90	2	LOW FLOW
B3-17'	3	1830		1025	1030	C-2447-34	SG	X				86	2	LOW FLOW
~~LB3~~ LB2-19.5'	3	1870		1104	1105	C-2447-35	SG	X				6	2	
LB2-19.5' DUP	—	—		1114	1129	—	SG	X				6	1	
LB6-17'	3	1830		1131	1132	C-2447-36	SG	X				20	2	
B13-17'	3	1830		1222	1223	C-2447-37	SG	X				6	2	
B14-17'	3	1830		1258	1259	C-2447-38	SG	X				8	2	
B15-4'	3	1610		1349	1350	C-2447-39	SG	X				6	2	
B1-16'	—	—		0944	—	C-2447-40	—					7100	∅	NO FLOW

❶ Relinquished by (signature): [signature]	Date: 5-6-16	❷ Received by (signature): [signature]	Date: 5/6/16	Total Number of Containers
Company: Leighton + Associates	Time: 1406	Company: Jones Env	Time: 1406	
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

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APPENDIX F

LABORATORY ANALYTICAL TEST DATA AND CHAIN-OF-CUSTODY DOCUMENTS – SOIL

Leighton

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805-399-0060

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6,9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

ANALYSES REQUESTED

1. EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil
2. EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics
3. EPA 6010B by 3050B and EPA 7471A – CAM 17 Metals

Approval: ______________________

Steve Jones, Ph.D.
Laboratory Manager

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A1-1'**	**A1-4.5'**	**A1-8.5'**	**A1-14.5'**	**A1-20.5'**		
JEL ID:	**ST-9288-01**	**ST-9288-02**	**ST-9288-03**	**ST-9288-04**	**ST-9288-05**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	74%	66%	66%	53%	39%	30 - 120	
Batch ID:	8015_ 160505_02	8015_ 160505_02	8015_ 160505_02	8015_ 160505_02	8015_ 160505_02		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A2-1'**	**A2-4.5'**	**A2-8.5'**	**A2-14.5'**	**A2-20.5'**		
JEL ID:	**ST-9288-06**	**ST-9288-07**	**ST-9288-08**	**ST-9288-09**	**ST-9288-10**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	46%	40%	57%	65%	71%	30 - 120	
Batch ID:	8015_ 160505_02	8015_ 160505_02	8015_ 160505_02	8015_ 160505_02	8015_ 160505_02		

ND = Not Detected

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SANTA FE SPRINGS, CA 90670
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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A3-1'**	**A3-4.5'**	**A3-8.5'**	**A3-8.5'-D**	**A3-14.5'**		
JEL ID:	**ST-9288-11**	**ST-9288-12**	**ST-9288-13**	**ST-9288-14**	**ST-9288-15**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	89%	65%	75%	70%	69%	30 - 120	
Batch ID:	8015_ 160509_01	8015_ 160505_02	8015_ 160509_01	8015_ 160505_02	8015_ 160505_02		

ND = Not Detected

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A3-20.5'**	**A4-1'**	**A4-4.5'**	**A4-8.5'**	**A4-14.5'**		
JEL ID:	**ST-9288-16**	**ST-9288-17**	**ST-9288-18**	**ST-9288-19**	**ST-9288-20**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	41%	62%	75%	69%	80%	30 - 120	
Batch ID:	8015_ 160505_02	8015_ 160505_02	8015_ 160505_02	8015_ 160505_02	8015_ 160509_01		

ND = Not Detected

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611
805-399-0060

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SANTA FE SPRINGS, CA 90670
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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A4-20.5'**	**B1-1'**	**B1-4.5'**	**B1-8.5'**	**B1-14.5'**		
JEL ID:	**ST-9288-21**	**ST-9288-22**	**ST-9288-23**	**ST-9288-24**	**ST-9288-25**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	67%	63%	74%	62%	103%	30 - 120	
Batch ID:	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03		

ND = Not Detected

714-449-9937
562-646-1611
805-399-0060

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B1-20.5'**	**B3-1'**	**B3-4.5'**	**B3-8.5'**	**B3-14.5'**		
JEL ID:	**ST-9288-26**	**ST-9288-27**	**ST-9288-28**	**ST-9288-29**	**ST-9288-30**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	82%	102%	78%	91%	81%	30 - 120	
Batch ID:	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03	8015_ 160509_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B3-20.5'**	**B4-1'**	**B4-4.5'**	**B4-8.5'**	**B4-14.5'**		
JEL ID:	**ST-9288-31**	**ST-9288-32**	**ST-9288-33**	**ST-9288-34**	**ST-9288-35**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	58%	63%	79%	85%	40%	30 - 120	
Batch ID:	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B4-20.5'**	**B4-4.5D**	**B5-1'**	**B5-4.5'**	**B5-8.5'**		
JEL ID:	**ST9288-36**	**ST9288-37**	**ST9288-38**	**ST9288-39**	**ST9288-40**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	40%	65%	103%	76%	64%	30 - 120	
Batch ID:	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03	8015_ 160505_03	8015_ 160509_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B5-14.5'**	**B5-20.5'**		
JEL ID:	**ST9288-41**	**ST9288-42**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range				
Diesel Range Organics (C10-C28)	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	10.0	mg/kg
Dilution Factor	1	1		
Surrogate Recovery:			**QC Limits**	
Hexacosane	47%	57%	30 - 120	
Batch ID:	8015_ 160505_01	8015_ 160505_01		

ND = Not Detected

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JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**MB-160505_01**	**MB-160505_02**	**MB-160505_03**	**MB-160509_01**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range						
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1		
Surrogate Recovery:					**QC Limits**	
Hexacosane	115%	104%	67%	88%	30 - 120	
Batch ID:	8015_160505_01	8015_160505_02	8015_160505_03	8015_160509_01		

ND = Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160505_01 **Prepared:** 5/5/2016 **Analyzed:** 5/5/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160505_01	**SAMPLE SPIKED:**			CLEAN SOIL		
Analyte:							
Diesel	**459**	600	ND	77%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				48%		30 - 120	
LCSD:	LCSD-160505_01	**SAMPLE SPIKED:**			CLEAN SOIL		
Analyte:							
Diesel	**479**	600	ND	80%	4.3%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				104%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160505_02 **Prepared:** 5/5/2016 **Analyzed:** 5/6/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160505_02		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**418**	600	ND	70%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				76%		30 - 120	
LCSD:	LCSD-160505_02		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**421**	600	ND	70%	0.7%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				72%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160505_03 **Prepared:** 5/5/2016 **Analyzed:** 5/6/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160505_03		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**349**	600	ND	60%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				70%		30 - 120	
LCSD:	LCSD-160505_03		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**357**	600	ND	60%	2.3%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				70%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160509_01 **Prepared:** 5/9/2016 **Analyzed:** 5/9/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160509_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**537**	600	ND	90%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				90%		30 - 120	
LCSD:	LCSD-160509_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**524**	600	ND	87%	2.5%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				93%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A1-1'**	**A1-4.5'**	**A1-8.5'**	**A1-14.5'**	**A1-20.5'**		
JEL ID:	**ST-9288-01**	**ST-9288-02**	**ST-9288-03**	**ST-9288-04**	**ST-9288-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A1-1'**	**A1-4.5'**	**A1-8.5'**	**A1-14.5'**	**A1-20.5'**		
JEL ID:	**ST-9288-01**	**ST-9288-02**	**ST-9288-03**	**ST-9288-04**	**ST-9288-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	112%	116%	113%	113%	115%	60 - 140	
Toluene-d_8	102%	106%	105%	107%	107%	60 - 140	
4-Bromofluorobenzene	99%	105%	110%	112%	115%	60 - 140	
	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A2-1'**	**A2-4.5'**	**A2-8.5'**	**A2-14.5'**	**A2-20.5'**		
JEL ID:	**ST-9288-06**	**ST-9288-07**	**ST-9288-08**	**ST-9288-09**	**ST-9288-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	A2-1'	A2-4.5'	A2-8.5'	A2-14.5'	A2-20.5'		
JEL ID:	ST-9288-06	ST-9288-07	ST-9288-08	ST-9288-09	ST-9288-10	Practical Quantitation Limit	Units
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**8.2**	**2.1**	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	116%	111%	112%	115%	111%	60 - 140	
Toluene-d_8	106%	105%	102%	106%	102%	60 - 140	
4-Bromofluorobenzene	104%	108%	106%	108%	109%	60 - 140	
	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS		

ND= Not Detected

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A3-1'**	**A3-4.5'**	**A3-8.5'**	**A3-8.5'-D**	**A3-14.5'**		
JEL ID:	**ST-9288-11**	**ST-9288-12**	**ST-9288-13**	**ST-9288-14**	**ST-9288-15**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A3-1'**	**A3-4.5'**	**A3-8.5'**	**A3-8.5'-D**	**A3-14.5'**		
JEL ID:	**ST-9288-11**	**ST-9288-12**	**ST-9288-13**	**ST-9288-14**	**ST-9288-15**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**8.9**	**10.5**	**11.4**	**6.6**	**2.0**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	116%	118%	117%	117%	116%	60 - 140	
Toluene-d_8	107%	108%	107%	106%	101%	60 - 140	
4-Bromofluorobenzene	113%	107%	110%	114%	113%	60 - 140	
	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	A3-20.5'	A4-1'	A4-4.5'	A4-8.5'	A4-14.5'		
JEL ID:	ST-9288-16	ST-9288-17	ST-9288-18	ST-9288-19	ST-9288-20	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A3-20.5'**	**A4-1'**	**A4-4.5'**	**A4-8.5'**	**A4-14.5'**		
JEL ID:	**ST-9288-16**	**ST-9288-17**	**ST-9288-18**	**ST-9288-19**	**ST-9288-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	**2540***	**46.9**	**118**	**58.7**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	**11.5**	ND	**2.7**	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1/22*	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	117%	116%	121%	118%	112%	60 - 140	
Toluene-d_8	106%	104%	106%	103%	101%	60 - 140	
4-Bromofluorobenzene	114%	110%	114%	107%	116%	60 - 140	
	VOC3-050516-CHECKS	VOC3-050516-CHECKS & VOC3-050916-CHECKS*	VOC3-050516-CHECKS	VOC3-050516-CHECKS	VOC3-050516-CHECKS		

ND= Not Detected

* = Dilution for these compound(s); first number for all others

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Leighton & Associates, Inc.
Client Address: 25570 Rye Canyon Road, Suite G
Santa Clarita, CA 91355

Report date: 5/10/2016
JEL Ref. No.: ST-9288
Client Ref. No.: 11235.002

Attn: Robin Ferber

Date Sampled: 5/4/2016
Date Received: 5/4/2016
Date Analyzed: 5/5-6&9/2016
Physical State: Soil

Project: SJ4 Burbank
Project Address: 777 N. Front St.
Burbank, CA

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	A4-20.5'	B1-1'	B1-4.5'	B1-8.5'	B1-14.5'		
JEL ID:	ST-9288-21	ST-9288-22	ST-9288-23	ST-9288-24	ST-9288-25	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A4-20.5'**	**B1-1'**	**B1-4.5'**	**B1-8.5'**	**B1-14.5'**		
JEL ID:	**ST-9288-21**	**ST-9288-22**	**ST-9288-23**	**ST-9288-24**	**ST-9288-25**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**6.8**	ND	**27.0**	**2.1**	**14.8**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	117%	120%	117%	117%	120%	60 - 140	
Toluene-d_8	101%	106%	103%	106%	106%	60 - 140	
4-Bromofluorobenzene	114%	114%	113%	115%	117%	60 - 140	
	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B1-20.5'**	**B3-1'**	**B3-4.5'**	**B3-8.5'**	**B3-14.5'**		
JEL ID:	**ST-9288-26**	**ST-9288-27**	**ST-9288-28**	**ST-9288-29**	**ST-9288-30**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B1-20.5'**	**B3-1'**	**B3-4.5'**	**B3-8.5'**	**B3-14.5'**		
JEL ID:	**ST-9288-26**	**ST-9288-27**	**ST-9288-28**	**ST-9288-29**	**ST-9288-30**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	**5.4**	**21.8**	**7.9**	**1.2**	**6.3**	1.0	μg/kg
Toluene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	119%	119%	119%	119%	117%	60 - 140	
Toluene-d_8	107%	103%	105%	106%	106%	60 - 140	
4-Bromofluorobenzene	120%	111%	112%	114%	117%	60 - 140	
	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B3-20.5'**	**B4-1'**	**B4-4.5'**	**B4-8.5'**	**B4-14.5'**		
JEL ID:	**ST-9288-31**	**ST-9288-32**	**ST-9288-33**	**ST-9288-34**	**ST-9288-35**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	**5.0**	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	**2.3**	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	B3-20.5'	B4-1'	B4-4.5'	B4-8.5'	B4-14.5'		
JEL ID:	ST-9288-31	ST-9288-32	ST-9288-33	ST-9288-34	ST-9288-35	Practical Quantitation Limit	Units
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**13.8**	**3330***	**24.0**	**22.4**	**29.3**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	**153**	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1/25*	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	121%	117%	114%	112%	119%	60 - 140	
Toluene-d_8	107%	104%	102%	98%	105%	60 - 140	
4-Bromofluorobenzene	118%	107%	109%	109%	115%	60 - 140	
	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS & VOC3-050916-CHECKS*	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2		

ND= Not Detected

* = Dilution for these compound(s); first number for all others

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B4-20.5'**	**B4-4.5D**	**B5-1'**	**B5-4.5'**	**B5-8.5'**		
JEL ID:	**ST9288-36**	**ST9288-37**	**ST9288-38**	**ST9288-39**	**ST9288-40**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	B4-20.5'	B4-4.5D	B5-1'	B5-4.5'	B5-8.5'		
JEL ID:	ST9288-36	ST9288-37	ST9288-38	ST9288-39	ST9288-40	Practical Quantitation Limit	Units
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**54.8**	**21.2**	**29.6**	**148**	**161**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	119%	119%	118%	117%	113%	60 - 140	
Toluene-d_8	106%	103%	104%	104%	100%	60 - 140	
4-Bromofluorobenzene	116%	111%	110%	113%	112%	60 - 140	
	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2	VOC3-050516-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B5-14.5'**	**B5-20.5'**		
JEL ID:	**ST9288-41**	**ST9288-42**	**Practical Quantitation Limit**	**Units**
Analytes:				
Benzene	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	1.0	μg/kg
Bromoform	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	1.0	μg/kg
Chloroform	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B5-14.5'**	**B5-20.5'**		
JEL ID:	**ST9288-41**	**ST9288-42**	**Practical Quantitation Limit**	**Units**
Analytes:				
cis-1,3-Dichloropropene	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	1.0	µg/kg
Freon 113	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	1.0	µg/kg
Styrene	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	1.0	µg/kg
Tetrachloroethylene	**25.3**	**14.9**	1.0	µg/kg
Toluene	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	1.0	µg/kg
Xylenes	ND	ND	1.0	µg/kg
MTBE	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	0.20	mg/kg
Dilution Factor	1	1		
Surrogate Recoveries:			**QC Limits**	
Dibromofluoromethane	109%	110%	60 - 140	
Toluene-d_8	100%	98%	60 - 140	
4-Bromofluorobenzene	103%	108%	60 - 140	
	VOC3-050616-CHECKS	VOC3-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**ST-9288-43**	**ST-9288-47**	**ST-9288-51**	**ST-9288-55**	**Practical Quantitation Limit**	**Units**
Analytes:						
Benzene	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**ST-9288-43**	**ST-9288-47**	**ST-9288-51**	**ST-9288-55**	**Practical Quantitation Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	112%	113%	109%	108%	60 - 140	
Toluene-d_8	105%	102%	99%	103%	60 - 140	
4-Bromofluorobenzene	109%	110%	103%	99%	60 - 140	
	VOC3-050516-CHECKS	VOC3-050516-CHECKS_2	VOC3-050616-CHECKS	VOC3-050916-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050516-CHECKS

JEL ID:	**ST-9288-45**	**ST-9288-46**			**ST-9288-44**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	91%	92%	0.8%	60 - 140	99%	70 - 130
1,1-Dichloroethylene	111%	110%	1.7%	60 - 140	127%	70 - 130
Cis-1,2-Dichloroethene	103%	100%	2.9%	70 - 130	111%	70 - 130
1,1,1-Trichloroethane	123%	118%	4.0%	70 - 130	133%	70 - 130
Benzene	114%	110%	3.8%	70 - 130	122%	70 - 130
Trichloroethylene	117%	111%	5.8%	70 - 130	127%	70 - 130
Toluene	95%	89%	6.9%	70 - 130	98%	70 - 130
Tetrachloroethene	109%	102%	6.2%	70 - 130	114%	70 - 130
Chlorobenzene	112%	106%	5.7%	70 - 130	116%	70 - 130
Ethylbenzene	83%	93%	11%	70 - 130	101%	70 - 130
1,2,4 Trimethylbenzene	91%	87%	5.0%	70 - 130	95%	70 - 130
Gasoline Range Organics	96%	95%	1.4%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	98%	62%		60 - 140	60%	60 - 140
Toluene-d_8	98%	101%		60 - 140	98%	60 - 140
4-Bromofluorobenzene	135%	132%		60 - 140	132%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050516-CHECKS_2

JEL ID:	**ST-9288-49**	**ST-9288-50**			**ST-9288-48**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	95%	94%	1.0%	60 - 140	96%	70 - 130
1,1-Dichloroethylene	124%	117%	5.6%	60 - 140	133%	70 - 130
Cis-1,2-Dichloroethene	111%	109%	1.9%	70 - 130	119%	70 - 130
1,1,1-Trichloroethane	121%	120%	1.4%	70 - 130	128%	70 - 130
Benzene	116%	115%	0.5%	70 - 130	121%	70 - 130
Trichloroethylene	118%	116%	2.2%	70 - 130	126%	70 - 130
Toluene	99%	95%	4.4%	70 - 130	100%	70 - 130
Tetrachloroethene	109%	106%	2.9%	70 - 130	118%	70 - 130
Chlorobenzene	122%	117%	3.9%	70 - 130	122%	70 - 130
Ethylbenzene	101%	97%	4.5%	70 - 130	103%	70 - 130
1,2,4 Trimethylbenzene	96%	93%	3.5%	70 - 130	97%	70 - 130
Gasoline Range Organics	103%	100%	3.1%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	66%	67%		60 - 140	65%	60 - 140
Toluene-d_8	103%	103%		60 - 140	103%	60 - 140
4-Bromofluorobenzene	142%	147%		60 - 140	143%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050616-CHECKS

JEL ID:	**ST-9288-53**	**ST-9288-54**			**ST-9288-52**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	95%	91%	5.0%	60 - 140	96%	70 - 130
1,1-Dichloroethylene	127%	117%	7.9%	60 - 140	135%	70 - 130
Cis-1,2-Dichloroethene	105%	103%	2.3%	70 - 130	112%	70 - 130
1,1,1-Trichloroethane	125%	116%	7.3%	70 - 130	133%	70 - 130
Benzene	115%	109%	5.3%	70 - 130	119%	70 - 130
Trichloroethylene	121%	114%	6.4%	70 - 130	128%	70 - 130
Toluene	94%	91%	4.0%	70 - 130	103%	70 - 130
Tetrachloroethene	105%	101%	4.3%	70 - 130	115%	70 - 130
Chlorobenzene	111%	107%	3.6%	70 - 130	118%	70 - 130
Ethylbenzene	95%	91%	4.7%	70 - 130	101%	70 - 130
1,2,4 Trimethylbenzene	92%	87%	5.8%	70 - 130	99%	70 - 130
Gasoline Range Organics	99%	94%	5.0%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	63%	61%		60 - 140	60%	60 - 140
Toluene-d_8	101%	97%		60 - 140	96%	60 - 140
4-Bromofluorobenzene	137%	132%		60 - 140	132%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5-6&9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050916-CHECKS

JEL ID:	**ST-9288-57**	**ST-9288-58**			**ST-9288-56**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	92%	92%	0.1%	60 - 140	101%	70 - 130
1,1-Dichloroethylene	121%	112%	8.1%	60 - 140	127%	70 - 130
Cis-1,2-Dichloroethene	102%	100%	1.8%	70 - 130	105%	70 - 130
1,1,1-Trichloroethane	125%	120%	3.8%	70 - 130	130%	70 - 130
Benzene	127%	116%	8.9%	70 - 130	125%	70 - 130
Trichloroethylene	121%	114%	5.5%	70 - 130	125%	70 - 130
Toluene	93%	90%	4.1%	70 - 130	96%	70 - 130
Tetrachloroethene	102%	93%	8.8%	70 - 130	106%	70 - 130
Chlorobenzene	107%	104%	3.1%	70 - 130	110%	70 - 130
Ethylbenzene	95%	92%	3.4%	70 - 130	84%	70 - 130
1,2,4 Trimethylbenzene	90%	84%	6.4%	70 - 130	91%	70 - 130
Gasoline Range Organics	101%	95%	5.9%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	69%	66%		60 - 140	66%	60 - 140
Toluene-d_8	98%	94%		60 - 140	98%	60 - 140
4-Bromofluorobenzene	132%	134%		60 - 140	130%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A1-1'** **JEL ID:** **ST-9288-01**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**287**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**15.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**33.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**10.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**7.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**38.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**99.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A1-4.5'** **JEL ID:** **ST-9288-02**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**225**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**33.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**41.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**25.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**71.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**76.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.027**	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A1-8.5'** **JEL ID:** **ST-9288-03**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**246**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**22.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**43.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**47.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**32.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**78.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**94.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.038**	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **A1-14.5'** **JEL ID:** **ST-9288-04**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**213**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**39.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**22.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**66.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**75.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A1-20.5'** **JEL ID:** **ST-9288-05**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**194**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**39.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**5.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**59.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**71.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.033**	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A2-1'** **JEL ID:** **ST-9288-06**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**188**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**33.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**58.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**66.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.051**	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A2-4.5'** **JEL ID:** **ST-9288-07**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**152**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**52.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**62.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.038**	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A2-8.5'** **JEL ID:** **ST-9288-08**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**111**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**8.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**18.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**16.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**9.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**39.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**38.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A2-14.5'** **JEL ID:** **ST-9288-09**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**195**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**64.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**73.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **A2-20.5'** **JEL ID:** **ST-9288-10**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**192**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**38.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**62.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**66.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.027**	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A3-1'** **JEL ID:** **ST-9288-11**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**91.9**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**5.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**10.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**1980**	10	"	"	5/10/2016	5.0	mg/kg
Molybdenum, Mo	ND	1	"	"	5/9/2016	0.5	mg/kg
Nickel, Ni	**13.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**26.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**28.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**114**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.074**	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A3-4.5'** **JEL ID:** **ST-9288-12**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**218**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**32.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**48.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**70.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**72.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **A3-8.5'** **JEL ID:** **ST-9288-13**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**231**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**33.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**37.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**70.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**76.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **A3-8.5'-D** **JEL ID:** **ST-9288-14**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**84.5**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**3.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**11.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**7.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	**2.7**	1	"	"	"	0.5	mg/kg
Nickel, Ni	**2.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	ND	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**16.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**43.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A3-14.5'** **JEL ID:** **ST-9288-15**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**126**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**23.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**31.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**52.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**56.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A3-20.5'** **JEL ID:** **ST-9288-16**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050501	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**158**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**21.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**27.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**48.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**50.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A4-1'** **JEL ID:** **ST-9288-17**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**109**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**6.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**5.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**509**	10	"	"	5/10/2016	5.0	mg/kg
Molybdenum, Mo	ND	1	"	"	5/9/2016	0.5	mg/kg
Nickel, Ni	**6.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**14.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**38.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**108**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.130**	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A4-4.5'** **JEL ID:** **ST-9288-18**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**97.4**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**8.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**16.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**20.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**11.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**37.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**39.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A4-8.5'** **JEL ID:** **ST-9288-19**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**88.5**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**6.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**13.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**16.1**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**7.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**31.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**307**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A4-14.5'** **JEL ID:** **ST-9288-20**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**99.5**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**7.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**15.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**13.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**34.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**41.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A4-20.5'** **JEL ID:** **ST-9288-21**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**133**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**20.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**23.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**46.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**49.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B1-1'** **JEL ID:** **ST-9288-22**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	**Result**	**Dilution**	**Batch**	**Prepared**	**Analyzed**	**Practical Quantitation Limit**	**Units**
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**151**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**21.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**27.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**6.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**47.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**64.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	**Dilution**	**Batch**	**Prepared**	**Analyzed**	**Practical Quantitation Limit**	**Units**
Mercury, Hg	**0.020**	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B1-4.5'** **JEL ID:** **ST-9288-23**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**128**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**20.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**22.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**5.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**42.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**55.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.037**	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B1-8.5'** **JEL ID:** **ST-9288-24**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**156**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**27.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**24.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**6.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**57.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**63.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.050**	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B1-14.5'** **JEL ID:** **ST-9288-25**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**180**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**38.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**5.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**61.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**72.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.081**	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B1-20.5'** **JEL ID:** **ST-9288-26**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**146**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**20.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**31.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**48.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**58.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.071**	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B3-1'** **JEL ID:** **ST-9288-27**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**163**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**23.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**145**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**19.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**51.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**136**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.033**	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B3-4.5'** **JEL ID:** **ST-9288-28**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**136**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**23.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**34.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**49.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**54.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B3-8.5'** **JEL ID:** **ST-9288-29**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**122**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**19.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**19.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**46.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**43.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B3-14.5'** **JEL ID:** **ST-9288-30**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**173**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**33.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**18.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**58.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**65.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B3-20.5'** **JEL ID:** **ST-9288-31**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**130**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**18.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**28.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**43.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**52.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.039**	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B4-1'** **JEL ID:** **ST-9288-32**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	**2.3**	1	"	"	"	0.5	mg/kg
Barium, Ba	**182**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**0.8**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**25.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**133**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**108**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**44.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**1580**	10	"	"	5/10/2016	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.027**	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B4-4.5'** **JEL ID:** **ST-9288-33**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**151**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**32.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**58.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**880**	10	"	"	5/10/2016	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050502	5/5/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B4-8.5'** **JEL ID:** **ST-9288-34**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**91.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**8.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**14.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**15.1**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**9.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**37.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**38.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B4-14.5'** **JEL ID:** **ST-9288-35**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**138**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**23.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**48.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**54.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B4-20.5'** **JEL ID:** **ST-9288-36**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050502	5/5/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**176**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**62.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.030**	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B4-4.5D** **JEL ID:** **ST-9288-37**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**97.6**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**5.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**6.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**20.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**3.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**29.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**233**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B5-1'** **JEL ID:** **ST-9288-38**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**66.2**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**16.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**10.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	ND	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**27.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**37.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.038**	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B5-4.5'** **JEL ID:** **ST-9288-39**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**215**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**16.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**17.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**11.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**45.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**45.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.047**	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B5-8.5'** **JEL ID:** **ST-9288-40**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**162**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**25.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**28.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**18.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**52.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**56.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B5-14.5'** **JEL ID:** **ST-9288-41**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**168**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**25.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**28.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**57.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**62.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B5-20.5'** **JEL ID:** **ST-9288-42**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**178**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**64.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**70.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050601	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050501** **Prepared:** 5/5/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160505-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050501** **Prepared:** 5/5/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160505-LCS1**						
Barium, Ba	**221**	200	ND	110%		75 - 125	mg/kg
Cobalt, Co	**57.2**	50.0	ND	114%		75 - 125	mg/kg
Lead, Pb	**56.5**	50.0	ND	113%		75 - 125	mg/kg
Selenium, Se	**194**	200	ND	97%		75 - 125	mg/kg
Zinc, Zn	**66.6**	50.0	ND	133%		75 - 125	mg/kg
LCSD:	**I160505-LCSD1**						
Barium, Ba	**218**	200	ND	109%	1.2%	75 - 125	mg/kg
Cobalt, Co	**56.5**	50.0	ND	113%	1.3%	75 - 125	mg/kg
Lead, Pb	**56.7**	50.0	ND	113%	0.4%	75 - 125	mg/kg
Selenium, Se	**193**	200	ND	97%	0.3%	75 - 125	mg/kg
Zinc, Zn	**66.0**	50.0	ND	132%	0.9%	75 - 125	mg/kg

ND= Not Detected

RPD = Relative Percent Difference; Acceptability range for RPD is $\leq$ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

BATCH: **I16050502** **Prepared:** 6/5/2016 **Analyzed:** 6/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160505-BLK2**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050502** **Prepared:** 6/5/2016 **Analyzed:** 6/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160505-LCS2**						
Barium, Ba	**211**	200	ND	105%		75 - 125	mg/kg
Cobalt, Co	**54.4**	50.0	ND	109%		75 - 125	mg/kg
Lead, Pb	**54.9**	50.0	ND	110%		75 - 125	mg/kg
Selenium, Se	**184**	200	ND	92%		75 - 125	mg/kg
Zinc, Zn	**61.7**	50.0	ND	123%		75 - 125	mg/kg
LCSD:	**I160505-LCSD2**						
Barium, Ba	**219**	200	ND	110%	3.9%	75 - 125	mg/kg
Cobalt, Co	**57.1**	50.0	ND	114%	4.8%	75 - 125	mg/kg
Lead, Pb	**57.4**	50.0	ND	115%	4.5%	75 - 125	mg/kg
Selenium, Se	**196**	200	ND	98%	6.1%	75 - 125	mg/kg
Zinc, Zn	**61.7**	50.0	ND	123%	0.0%	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050601** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160506-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050601** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
MATRIX SPIKE:			**SAMPLE SPIKED:**				
Barium, Ba	**213**	200	ND	106%		75 - 125	mg/kg
Cobalt, Co	**56.9**	50.0	ND	114%		75 - 125	mg/kg
Lead, Pb	**55.3**	50.0	ND	111%		75 - 125	mg/kg
Selenium, Se	**186**	200	ND	93%		75 - 125	mg/kg
Zinc, Zn	**55.3**	50.0	ND	111%		75 - 125	mg/kg
MATRIX SPIKE DUPLICATE:			**SAMPLE SPIKED:**				
Barium, Ba	**219**	200	ND	110%	3.0%	75 - 125	mg/kg
Cobalt, Co	**58.4**	50.0	ND	117%	2.6%	75 - 125	mg/kg
Lead, Pb	**57.3**	50.0	ND	115%	3.6%	75 - 125	mg/kg
Selenium, Se	**194**	200	ND	97%	3.9%	75 - 125	mg/kg
Zinc, Zn	**56.0**	50.0	ND	112%	1.2%	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **H16050601** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160506-BLK1**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160506-LCS1**						
Mercury, Hg	**0.90**	1.00	ND	90%		75 - 125	mg/kg
LCSD:	**H160506-LCSD1**						
Mercury, Hg	**0.90**	1.00	ND	90%	**0.6%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **H16050602** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160506-BLK2**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160506-LCS2**						
Mercury, Hg	**0.86**	1.00	ND	86%		75 - 125	mg/kg
LCSD:	**H160506-LCSD2**						
Mercury, Hg	**0.86**	1.00	ND	86%	**0.2%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9288
		Client Ref. No.:	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

BATCH: **H16050502** **Prepared:** 5/5/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160505-BLK2**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160505-LCS2**						
Mercury, Hg	**1.00**	1.00	ND	100%		75 - 125	mg/kg
LCSD:	**H160505-LCSD2**						
Mercury, Hg	**1.00**	1.00	ND	100%	**0.7%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/10/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9288
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/4/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-10/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **H16050601** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160506-BLK1**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160506-LCS1**						
Mercury, Hg	**0.90**	1.00	ND	90%		75 - 125	mg/kg
LCSD:	**H160506-LCSD1**						
Mercury, Hg	**0.90**	1.00	ND	90%	**0.7%**	75 - 125	mg/kg

ND= Not Detected

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

JONES ENVIRONMENTAL, INC.

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Chain-of-Custody Record

Client: Leighton + Associates

Project Name: SJ4 Burbank

Project Address: 777 N. Front St., Burbank, CA

Project Contact: Robin Ferber

Date: 5-4-16

Client Project #: 11235.002

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☒ Normal
- ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
- ☐ n-propanol
- ☐ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ________

JEL Project #: ST-9288

Page 1 of 6

Lab Use Only
Sample Condition as Received:
Chilled ☒ yes ☐ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs - EPA 8260B	TPH-cc - EPA 8015M	CAM17 Metals - EPA 6010/7471		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
A1-1'			5-4-16	0940		ST-9288-01	S	X	X	X			4	Acetate sleeve & terracores
A1-4.5'				0945		ST-9288-02								
A1-8.5'				0950		ST-9288-03								
A1-14.5'				0955		ST-9288-04								
A1-20.5'				1000		ST-9288-05								
A2-1'				1100		ST-9288-06								
A2-4.5'				1123		ST-9288-07								
A2-8.5'				1125		ST-9288-08								
A2-14.5'				1129		ST-9288-09								
A2-20.5'				1132		ST-9288-10								

❶ Relinquished by (signature): [signature] Wallace Scomicio	Date: 5-4-16	❷ Received by (signature): [signature]	Date: 5/4/16
Company: Leighton + Associates	Time: 1524	Company: Jones Environmental, Inc.	Time: 1524
❸ Relinquished by (signature): [signature]	Date: 5/4/16	❹ Received by Laboratory (signature): [signature]	Date: 5/4/16
Company: Jones Environmental	Time: 1718	Company: JONES ENVIRONMENTAL	Time: 17:18

Total Number of Containers: 40

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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www.jonesenv.com

Chain-of-Custody Record

Client: Leighton +Associates

Date: 5-4-16

Project Name: SJ4 Burbank

Client Project #: 11235.002

Project Address: 777 N. Front Street, Burbank, CA

Turn Around Requested: ☐ Immediate Attention; Rush: ☐ 24 ☐ 48 ☐ 72; ☑ Normal; ☐ Mobile Lab

Project Contact: Robin Ferber

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer: ☐ n-propanol ☐ n-pentane ☐ 1,1-DFA ☐ Helium ☐ ______

JEL Project #: ST-9288

Page 2 of 6

Lab Use Only
Sample Condition as Received:
Chilled ☑ yes ☐ no
Sealed ☑ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs-EPA 8260B	TPH-cc-EPA 8015M	CAM17 Metals - 6010/7471		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
A3-1'			5-4-16	1309		ST-9288-11	S	X	X	X			4	Acetate sleeve & terracores
A3-4.5'				1313		ST-9288-12								
A3-8.5'				1317		ST-9288-13								
A3-8.5'-D				1317		ST-9288-14								
A3-14.5'				1320		ST-9288-15								
A3-20.5'				1323		ST-9288-16								
A4-1'				1358		ST-9288-17								
A4-4.5'				1405		ST-9288-18								
A4-8.5'				1410		ST-9288-19								
A4-14.5'				1412		ST-9288-20								✓

❶ Relinquished by (signature) J. Wallace Scomicis	Date 5-4-16	❷ Received by (signature)	Date 5/4/16	40	Total Number of Containers
Company Leighton +Associates	Time 1524	Company Jones Environmental, Inc	Time 1524		
❸ Relinquished by (signature)	Date 5/4/16	❹ Received by Laboratory (signature)	Date 5/4/16		
Company Jones Environmental, Inc.	Time 1718	Company JONES ENVIRONMENTAL	Time 17:18		

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Chain-of-Custody Record

Client: Leighton + Associates
Project Name: SJY Burbank
Project Address: 777 N. Front Street, Burbank, CA
Project Contact: Robin Ferber

Date: 5-4-16
Client Project #: 11235.002
Turn Around Requested: ☐ Immediate Attention
Rush: ☐ 24 ☐ 48 ☐ 72
☒ Normal
☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
☐ n-propanol
☐ n-pentane
☐ 1,1-DFA
☐ Helium
☐ ______

JEL Project # ST-9288
Page 3 of 6

Lab Use Only
Sample Condition as Received:
Chilled ☒ yes ☐ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCS-EPA 8260B	TPH-cc-EPA 8015M	CAM 17 Metals-6010/7471		Magnehelic Vacuum (In/H2O)	Number of Containers	Remarks/Special Instructions
A1-20.5'			5-4-16	1417		ST-9288-21	S	X	X	X			4	acetate sleeve + terra core

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❶ Relinquished by (signature) J. Wallace Sionicos	Date 5-4-16	❷ Received by (signature)	Date 5/4/16	4	Total Number of Containers
Company Leighton + Associates	Time 1524	Company Jones Environmental, Inc	Time 1524		
❸ Relinquished by (signature)	Date 5/4/16	❹ Received by Laboratory (signature)	Date 5/4/16		
Company Jones Environmental, Inc.	Time 1718	Company JONES ENVIRONMENTAL	Time 17:18		

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Chain-of-Custody Record

Client: Lighton
Project Name: SJ4
Project Address: 777 N Front
Project Contact: Robin Felber

Date: 5/4/16
Client Project #: 11235
Turn Around Requested: ☐ Immediate Attention
Rush: ☐ 24 ☐ 48 ☐ 72 ☒ Normal ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer: ☐ n-propanol ☐ n-pentane ☐ 1,1-DFA ☐ Helium ☐ ______

JEL Project #: ST-9288
Page 4a of 6
Lab Use Only
Sample Condition as Received:
Chilled ☒ yes ☐ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8015M TPH cc	8260B VOCs	6010 metals			Magnehelic Vacuum (In/H$_2$O)	Number of Containers	Remarks/Special Instructions
B1-1'			5/4/16	0920		ST-9288-22	S	X	X	X				4	Acetate sleeve + Terracore
B1-4.5'				0933		ST-9288-23								4	
B1-8.5'				0947		ST-9288-24								4	
B1-14.5'				1001		ST-9288-25								4	
B1-20.5'				1010		ST-9288-26								4	
B3-1'				1130		ST-9288-27								4	
B3-4.5'				1135		ST-9288-28								4	
B3-8.5'				1141		ST-9288-29								4	
B3-14.5'				1147		ST-9288-30								4	
B3-20.5'				1153		ST-9288-31								4	

Total Number of Containers: 40

❶ Relinquished by (signature): [signature]	Date: 5/4/16	❷ Received by (signature): [signature]	Date: 5/4/16
Company:	Time: 1524	Company: Jones Environmental, Inc	Time: 1524
❸ Relinquished by (signature): [signature]	Date: 5/4/16	❹ Received by Laboratory (signature): [signature]	Date: 5/4/16
Company: Jones Environmental, Inc	Time: 1718	Company: JONES ENVIRONMENTAL	Time: 17:18

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Chain-of-Custody Record

Client Leighton

Project Name SJU

Project Address 777 N Front

Project Contact Robin Ferber

Date 5/4/16

Client Project # 11235

Turn Around Requested:
❑ Immediate Attention
Rush: ❑ 24 ❑ 48 ❑ 72
☒ Normal
❑ Mobile Lab

SOIL GAS
~~Purge Number: ❑ 1P ❑ 3P ❑ 7P ❑ 10P~~
~~Purge Rate: ______ cc/min~~
~~Shut in Test Y / N~~
~~Tracer:~~
~~❑ n-propanol~~
~~❑ n-pentane~~
~~❑ 1,1-DFA~~
~~❑ Helium~~
~~❑ ______~~

JEL Project # ST-9288

Page 5 of 6

Lab Use Only
Sample Condition as Received:
Chilled ☒ yes ❑ no
Sealed ☒ yes ❑ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8015M TPH	8260B VOCs	6010 metals		Magnehelic Vacuum (In/H$_2$O)	Number of Containers	Remarks/Special Instructions
B4-1'			5/4/16	1300		ST-9288-32	S	X	X	X			4	Acetate Sleeve + Terra core
B4-4.5'				1306		ST-9288-33							4	
B4-8.5'				1309		ST-9288-34							4	
B4-14.5'				1313		ST-9288-35							4	
B4-20.5'				1318		ST-9288-36							4	
B4-4.5D				1306		ST-9288-37							4	
B5-1'				1404		ST-9288-38							4	
B5-4.5'				1410		ST-9288-39							4	
B5-8.5'				1416		ST-9288-40							4	
B5-14.5'				1425		ST-9288-41							4	

❶ Relinquished by (signature) [signature]	Date 5/4/16	❷ Received by (signature) [signature]	Date 5/4/16	**Total Number of Containers** 40
Company	Time 1524	Company Jones Environmental, Inc.	Time 1524	The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.
❸ Relinquished by (signature) [signature]	Date 5/4/16	❹ Received by Laboratory (signature) [signature]	Date 5/4/16	
Company Jones Environmental, Inc.	Time 1718	Company JONES ENVIRONMENTAL	Time 17:18	❑ EDD ❑ EDF

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Chain-of-Custody Record

Client: Leighton
Project Name: SJ4
Project Address: 777 W. Front ST
Project Contact:

Date: 5/4/16
Client Project #: 11235
Turn Around Requested: ☐ Immediate Attention; Rush: ☐ 24 ☐ 48 ☐ 72; ☐ Normal; ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min.
Shut in Test Y / N
Tracer: ☐ n-propanol ☐ n-pentane ☐ 1,1-DFA ☐ Helium ☐ ______

JEL Project #: ST-9288
Page 6 of 6
Lab Use Only
Sample Condition as Received:
Chilled ☒ yes ☐ no
Sealed ☒ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8015M TPHcc	8260B VOCs	6010 metals		Magnehelic Vacuum (In/H$_2$O)	Number of Containers	Remarks/Special Instructions
B5-20.5			5/4/16	1435		ST-9288-42	S	X	X	X			4	acetate sleeve
														& terracore

❶ Relinquished by (signature) [signature]	Date 5/4/16	❷ Received by (signature) [signature]	Date 5/4/16	Total Number of Containers
Company	Time 1524	Company Jones Environmental, Inc.	Time 1524	
❸ Relinquished by (signature) [signature]	Date 5/4/16	❹ Received by Laboratory (signature) [signature]	Date 5/4/16	
Company Jones Environmental, Inc.	Time 1718	Company JONES ENVIRONMENTAL	Time 17:10	

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9291
		Client Ref. No:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/5,6,9,12/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

ANALYSES REQUESTED

1. EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil
2. EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics
3. EPA 6010B by 3050B and EPA 7471A – CAM 17 Metals

Approval: ______________________

Steve Jones, Ph.D.
Laboratory Manager

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9&12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B6-1'**	**B6-4.5'**	**B6-8.5'**	**B6-14.5'**	**B6-20.5'**		
JEL ID:	**ST-9291-01**	**ST-9291-02**	**ST-9291-03**	**ST-9291-04**	**ST-9291-05**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	99%	87%	74%	87%	49%	30 - 120	
Batch ID:	8015_ 160506_01	8015_ 160506_01	8015_ 160509_01	8015_ 160506_01	8015_ 160506_01		

ND = Not Detected

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JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9&12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**MB-160506_01**	**MB-160509_01**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range				
Diesel Range Organics (C10-C28)	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	10.0	mg/kg
Dilution Factor	1	1		
Surrogate Recovery:			**QC Limits**	
Hexacosane	92%	88%	30 - 120	
Batch ID:	8015_160506_01	8015_160509_01		

ND = Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9291
		Client Ref No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9&12/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

BATCH: 8015_160506_01 **Prepared:** 5/6/2016 **Analyzed:** 5/12/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160506_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**566**	600	ND	94%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				101%		30 - 120	
LCSD:	LCSD-160506_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**538**	600	ND	90%	5.1%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				104%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9&12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160509_01 **Prepared:** 5/9/2016 **Analyzed:** 5/9/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160509_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**537**	600	ND	90%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				90%		30 - 120	
LCSD:	LCSD-160509_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**524**	600	ND	87%	2.5%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				93%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B6-1'**	**B6-4.5'**	**B6-8.5'**	**B6-14.5'**	**B6-20.5'**		
JEL ID:	**ST-9291-01**	**ST-9291-02**	**ST-9291-03**	**ST-9291-04**	**ST-9291-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B6-1'**	**B6-4.5'**	**B6-8.5'**	**B6-14.5'**	**B6-20.5'**		
JEL ID:	**ST-9291-01**	**ST-9291-02**	**ST-9291-03**	**ST-9291-04**	**ST-9291-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**28.7**	**33.1**	**22.1**	**9.1**	**8.8**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	110%	107%	108%	107%	109%	60 - 140	
Toluene-d_8	100%	96%	101%	98%	100%	60 - 140	
4-Bromofluorobenzene	103%	103%	108%	105%	107%	60 - 140	
	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**		
JEL ID:	**ST-9291-06**	**Practical Quantitation Limit**	**Units**
Analytes:			
Benzene	ND	1.0	μg/kg
Bromobenzene	ND	1.0	μg/kg
Bromodichloromethane	ND	1.0	μg/kg
Bromoform	ND	1.0	μg/kg
n-Butylbenzene	ND	1.0	μg/kg
sec-Butylbenzene	ND	1.0	μg/kg
tert-Butylbenzene	ND	1.0	μg/kg
Carbon tetrachloride	ND	1.0	μg/kg
Chlorobenzene	ND	1.0	μg/kg
Chloroform	ND	1.0	μg/kg
2-Chlorotoluene	ND	1.0	μg/kg
4-Chlorotoluene	ND	1.0	μg/kg
Dibromochloromethane	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	1.0	μg/kg
Dibromomethane	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	5.0	μg/kg
1,1-Dichloroethane	ND	1.0	μg/kg
1,2-Dichloroethane	ND	1.0	μg/kg
1,1-Dichloroethene	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	1.0	μg/kg
1,2-Dichloropropane	ND	1.0	μg/kg
1,3-Dichloropropane	ND	1.0	μg/kg
2,2-Dichloropropane	ND	1.0	μg/kg
1,1-Dichloropropene	ND	1.0	μg/kg

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**		
JEL ID:	**ST-9291-06**	**Practical Quantitation Limit**	**Units**
Analytes:			
cis-1,3-Dichloropropene	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	1.0	μg/kg
Ethylbenzene	ND	1.0	μg/kg
Freon 113	ND	5.0	μg/kg
Hexachlorobutadiene	ND	1.0	μg/kg
Isopropylbenzene	ND	1.0	μg/kg
4-Isopropyltoluene	ND	1.0	μg/kg
Methylene chloride	ND	1.0	μg/kg
Naphthalene	ND	1.0	μg/kg
n-Propylbenzene	ND	1.0	μg/kg
Styrene	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	1.0	μg/kg
Tetrachloroethylene	ND	1.0	μg/kg
Toluene	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	1.0	μg/kg
Trichloroethylene	ND	1.0	μg/kg
Trichlorofluoromethane	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	1.0	μg/kg
Vinyl chloride	ND	1.0	μg/kg
Xylenes	ND	1.0	μg/kg
MTBE	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	5.0	μg/kg
Di-isopropylether	ND	5.0	μg/kg
tert-amylmethylether	ND	5.0	μg/kg
tert-Butylalcohol	ND	50.0	μg/kg
Gasoline Range Organics	ND	0.20	mg/kg
Dilution Factor	1		

Surrogate Recoveries:		**QC Limits**
Dibromofluoromethane	109%	60 - 140
Toluene-d_8	100%	60 - 140
4-Bromofluorobenzene	104%	60 - 140

VOC3-050616-CHECKS

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050616-CHECKS

JEL ID:	**ST-9291-08**	**ST-9291-09**			**ST-9291-07**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	95%	91%	5.0%	60 - 140	96%	70 - 130
1,1-Dichloroethylene	126%	117%	7.3%	60 - 140	135%	70 - 130
Cis-1,2-Dichloroethene	105%	103%	2.3%	70 - 130	112%	70 - 130
1,1,1-Trichloroethane	125%	116%	7.3%	70 - 130	133%	70 - 130
Benzene	115%	105%	9.0%	70 - 130	119%	70 - 130
Trichloroethylene	121%	114%	6.4%	70 - 130	128%	70 - 130
Toluene	94%	91%	4.0%	70 - 130	103%	70 - 130
Tetrachloroethene	105%	101%	4.3%	70 - 130	115%	70 - 130
Chlorobenzene	111%	107%	3.6%	70 - 130	118%	70 - 130
Ethylbenzene	95%	91%	4.7%	70 - 130	101%	70 - 130
1,2,4 Trimethylbenzene	92%	85%	8.1%	70 - 130	99%	70 - 130
Gasoline Range Organics	99%	93%	6.6%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	63%	61%		60 - 140	60%	60 - 140
Toluene-d_8	101%	97%		60 - 140	96%	60 - 140
4-Bromofluorobenzene	137%	132%		60 - 140	132%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B6-1'** **JEL ID:** **ST-9291-01**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**153**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**24.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**24.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**16.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**52.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**58.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B6-4.5'** **JEL ID:** **ST-9291-02**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**125**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**16.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**17.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**11.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**43.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**41.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.044**	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B6-8.5'** **JEL ID:** **ST-9291-03**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**197**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**37.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**23.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**5.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**67.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**78.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9291
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B6-14.5'** **JEL ID:** **ST-9291-04**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**90.7**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**7.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**10.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**11.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**6.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	ND	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**32.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**32.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9291
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B6-20.5'** **JEL ID:** **ST-9291-05**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**194**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**66.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**67.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050601** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160506-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9291
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050601** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160506-LCS1**						
Barium, Ba	**213**	200	ND	106%		75 - 125	mg/kg
Cobalt, Co	**56.9**	50.0	ND	114%		75 - 125	mg/kg
Lead, Pb	**55.3**	50.0	ND	111%		75 - 125	mg/kg
Selenium, Se	**186**	200	ND	93%		75 - 125	mg/kg
Zinc, Zn	**55.3**	50.0	ND	111%		75 - 125	mg/kg
LCSD:	**I160506-LCSD1**						
Barium, Ba	**219**	200	ND	110%	3.0%	75 - 125	mg/kg
Cobalt, Co	**58.4**	50.0	ND	117%	2.6%	75 - 125	mg/kg
Lead, Pb	**57.3**	50.0	ND	115%	3.6%	75 - 125	mg/kg
Selenium, Se	**194**	200	ND	97%	3.9%	75 - 125	mg/kg
Zinc, Zn	**56.0**	50.0	ND	112%	1.2%	75 - 125	mg/kg

ND= Not Detected

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:** **Client Ref. No.:**	ST-9291 10/4/1930
Attn:	Robin Ferber	**Date Sampled:** **Date Received:**	5/4/2016 5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

BATCH: **H16050602** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160506-BLK2**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160506-LCS2**		**SAMPLE SPIKED:**		**CLEAN SOIL**		
Mercury, Hg	**0.86**	1.00	ND	86%		75 - 125	mg/kg
LCSD:	**H160506-LCSD2**		**SAMPLE SPIKED:**		**CLEAN SOIL**		
Mercury, Hg	**0.86**	1.00	ND	86%	**0.2%**	75 - 125	mg/kg

ND= Not Detected

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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Chain-of-Custody Record

Client: Leighton

Project Name: ~~H237~~ SJ4

Project Address: 777 N Front St, Burbank

Project Contact: Robin Ferber

Date: 5/4/16

Client Project #: ~~H237~~ 11237.002 (W/3S 5-5-16)

Turn Around Requested:
- ❑ Immediate Attention
- Rush: ❑ 24 ❑ 48 ❑ 72
- ☑ Normal
- ❑ Mobile Lab

SOIL GAS
Purge Number: ❑ 1P ❑ 3P ❑ 7P ❑ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
- ❑ n-propanol
- ❑ n-pentane
- ❑ 1,1-DFA
- ❑ Helium
- ❑ ______

JEL Project #: ST-9291
Page 1 of 1

Lab Use Only
Sample Condition as Received:
Chilled ❑ yes ❑ no
Sealed ❑ yes ❑ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8260B ~~full~~ VOCs	6010/7471 Metals	8015M TPH(C)		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
B6-1'			5/4/16	1507		ST-9291-01		X	X	X			4	
B6-4.5'			↓	1510		ST-9291-02		↓	↓	↓			↓	
B6-8.5'			↓	1515		ST-9291-03		↓	↓	↓			↓	
B6-14.5'			↓	1520		ST-9291-04		↓	↓	↓			↓	
B6-20.5'			↓	1526		ST-9291-05		↓	↓	↓			↓	

1 Relinquished by (signature): [illegible signature]	Date: 5-5-16	2 Received by (signature): [illegible signature]	Date: 5/5/16	Total Number of Containers: 20
Company: Leighton & Associates	Time: 1505	Company: JEL	Time: 15:05	
3 Relinquished by (signature): [illegible signature]	Date: 5/5/16	4 Received by Laboratory (signature): [illegible signature]	Date: 5/5/16	
Company: JEL	Time: 17:30	Company: Jones Environmental Inc	Time: 17:30	

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

❑ EDD ❑ EDF

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6,7,9,11,12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

ANALYSES REQUESTED

1. EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil
2. EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics
3. EPA 6010B by 3050B and EPA 7471A – CAM 17 Metals

Approval: ______________________

Steve Jones, Ph.D.
Laboratory Manager

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JONES ENVIRONMENTAL
LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B2-1'**	**B2-4.5'**	**B2-8.5'**	**B2-14.5'**	**B2-20.5'**		
JEL ID:	**ST-9292-01**	**ST-9292-02**	**ST-9292-03**	**ST-9292-04**	**ST-9292-05**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	71%	70%	77%	92%	87%	30 - 120	
Batch ID:	8015_ 160506_01	8015_ 160506_01	8015_ 160506_01	8015_ 160506_01	8015_ 160506_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B7-1'**	**B7-4.5'**	**B7-8.5'**	**B7-14.5'**	**B7-20.5'**		
JEL ID:	**ST-9292-06**	**ST-9292-07**	**ST-9292-08**	**ST-9292-09**	**ST-9292-10**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	83%	110%	91%	85%	98%	30 - 120	
Batch ID:	8015_ 160506_01	8015_ 160506_01	8015_ 160506_01	8015_ 160506_01	8015_ 160506_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**LB5-1'**	**LB5-1D**	**LB5-4.5'**	**LB5-8.5'**	**LB5-14.5'**		
JEL ID:	**ST-9292-11**	**ST-9292-12**	**ST-9292-13**	**ST-9292-14**	**ST-9292-15**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	58%	51%	73%	73%	52%	30 - 120	
Batch ID:	8015_ 160509_01	8015_ 160506_01	8015_ 160506_01	8015_ 160506_01	8015_ 160506_02		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**LB5-20.5'**	**B8-1'**	**B8-4.5'**	**B8-8.5'**	**B8-8.5D**		
JEL ID:	**ST-9292-16**	**ST-9292-17**	**ST-9292-18**	**ST-9292-19**	**ST-9292-20**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	94%	85%	100%	83%	47%	30 - 120	
Batch ID:	8015_ 160510_03	8015_ 160510_03	8015_ 160510_03	8015_ 160510_03	8015_ 160510_03		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.		**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G		**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355		**Client Ref No.:**	11235.002
Attn:	Robin Ferber		**Date Sampled:**	5/5/2016
			Date Received:	5/5/2016
Project:	SJ4 Burbank		**Date Analyzed:**	5/7,9,11-12/2
Project Address:	777 N. Front St.		**Physical State:**	Soil
	Burbank, CA			

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B8-14.5'**	**B8-20.5'**	**B9-1'**	**B9-4.5'**	**B9-8.5'**		
JEL ID:	**ST-9292-21**	**ST-9292-22**	**ST-9292-23**	**ST-9292-24**	**ST-9292-25**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	59%	65%	72%	69%	82%	30 - 120	
Batch ID:	8015_ 160506_02	8015_ 160506_02	8015_ 160510_03	8015_ 160510_03	8015_ 160510_03		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B9-14.5'**	**B9-20.5'**	**B9-25.5'**	**B9-30.5'**	**B10-1'**		
JEL ID:	**ST-9292-26**	**ST-9292-27**	**ST-9292-28**	**ST-9292-29**	**ST-9292-30**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	67%	90%	51%	72%	55%	30 - 120	
Batch ID:	8015_ 160506_02	8015_ 160510_03	8015_ 160506_02	8015_ 160506_02	8015_ 160506_02		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	B10-4.5'	B10-8.5'	B10-14.5'	B10-20.5'	B10-25.5'		
JEL ID:	ST-9292-31	ST-9292-32	ST-9292-33	ST-9292-34	ST-9292-35	Practical Quantitation Limit	Units
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						QC Limits	
Hexacosane	85%	89%	55%	47%	67%	30 - 120	
Batch ID:	8015_ 160510_03	8015_ 160510_03	8015_ 160506_02	8015_ 160506_02	8015_ 160507_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID: **B10-30.5'**

JEL ID: **ST9292-36**

Carbon Chain Range		**Practical Quantitation Limit**	**Units**
Diesel Range Organics (C10-C28)	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	10.0	mg/kg

Dilution Factor 1

Surrogate Recovery:		**QC Limits**
Hexacosane	80%	30 - 120

Batch ID: 8015_ 160507_01

ND = Not Detected

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JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**MB-160506_01**	**MB-160506_02**	**MB-160507_01**	**MB-160509_01**	**MB-160510_03**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	92%	93%	105%	88%	87%	30 - 120	
Batch ID:	8015_160506_01	8015_160506_02	8015_160507_01	8015_160509_01	8015_160510_03		

ND = Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160506_01 **Prepared:** 5/6/2016 **Analyzed:** 5/12/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160506_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**566**	600	ND	94%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				101%		30 - 120	
LCSD:	LCSD-160506_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**538**	600	ND	90%	5.1%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				104%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

BATCH: 8015_160506_02 **Prepared:** 5/6/2016 **Analyzed:** 5/7/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160506_02		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**396**	600	ND	66%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				81%		30 - 120	
LCSD:	LCSD-160506_02		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**403**	600	ND	67%	1.8%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				72%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160507_01 **Prepared:** 5/7/2016 **Analyzed:** 5/7/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160507_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**359**	600	ND	60%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				73%		30 - 120	
LCSD:	LCSD-160507_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**362**	600	ND	60%	0.8%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				73%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

BATCH: 8015_160509_01 **Prepared:** 5/9/2016 **Analyzed:** 5/9/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160509_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**537**	600	ND	90%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				73%		30 - 120	
LCSD:	LCSD-160509_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**524**	600	ND	87%	2.5%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				73%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7,9,11-12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160510_03 **Prepared:** 5/10/2016 **Analyzed:** 5/11/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160510_03		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**541**	600	ND	90%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				112%		30 - 120	
LCSD:	LCSD-160510_03		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**503**	600	ND	84%	6.0%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				103%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B2-1'**	**B2-4.5'**	**B2-8.5'**	**B2-14.5'**	**B2-20.5'**		
JEL ID:	**ST-9292-01**	**ST-9292-02**	**ST-9292-03**	**ST-9292-04**	**ST-9292-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B2-1'**	**B2-4.5'**	**B2-8.5'**	**B2-14.5'**	**B2-20.5'**		
JEL ID:	**ST-9292-01**	**ST-9292-02**	**ST-9292-03**	**ST-9292-04**	**ST-9292-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	**12.7**	**1.7**	ND	**1.3**	**3.3**	1.0	μg/kg
Toluene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	108%	105%	107%	109%	107%	60 - 140	
Toluene-d_8	97%	97%	100%	101%	101%	60 - 140	
4-Bromofluorobenzene	100%	100%	100%	108%	112%	60 - 140	
	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B7-1'**	**B7-4.5'**	**B7-8.5'**	**B7-14.5'**	**B7-20.5'**		
JEL ID:	**ST-9292-06**	**ST-9292-07**	**ST-9292-08**	**ST-9292-09**	**ST-9292-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	**1.7**	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B7-1'**	**B7-4.5'**	**B7-8.5'**	**B7-14.5'**	**B7-20.5'**		
JEL ID:	**ST-9292-06**	**ST-9292-07**	**ST-9292-08**	**ST-9292-09**	**ST-9292-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**5.8**	**22.1**	ND	**4.5**	**1.2**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	**1.6**	**13.6**	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	109%	108%	110%	112%	115%	60 - 140	
Toluene-d_8	103%	98%	101%	101%	106%	60 - 140	
4-Bromofluorobenzene	104%	97%	105%	104%	110%	60 - 140	
	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	LB5-1'	LB5-1D	LB5-4.5'	LB5-8.5'	LB5-14.5'		
JEL ID:	ST-9292-11	ST-9292-12	ST-9292-13	ST-9292-14	ST-9292-15	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB5-1'**	**LB5-1D**	**LB5-4.5'**	**LB5-8.5'**	**LB5-14.5'**		
JEL ID:	**ST-9292-11**	**ST-9292-12**	**ST-9292-13**	**ST-9292-14**	**ST-9292-15**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	ND	**21.2**	**3.9**	**1.0**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	**5.3**	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	114%	112%	117%	112%	115%	60 - 140	
Toluene-d_8	105%	102%	105%	103%	105%	60 - 140	
4-Bromofluorobenzene	111%	110%	109%	113%	108%	60 - 140	
	VOC3-050616-CHECKS	VOC3-050616-CHECKS	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	LB5-20.5'	B8-1'	B8-4.5'	B8-8.5'	B8-8.5D		
JEL ID:	ST-9292-16	ST-9292-17	ST-9292-18	ST-9292-19	ST-9292-20	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	**4.3**	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB5-20.5'**	**B8-1'**	**B8-4.5'**	**B8-8.5'**	**B8-8.5D**		
JEL ID:	**ST-9292-16**	**ST-9292-17**	**ST-9292-18**	**ST-9292-19**	**ST-9292-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	**2.2**	**13.9**	**3.3**	**5.5**	**6.0**	1.0	μg/kg
Toluene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	**19.8**	**1.0**	**1.2**	**1.3**	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	114%	113%	114%	114%	114%	60 - 140	
Toluene-d_8	104%	103%	104%	104%	103%	60 - 140	
4-Bromofluorobenzene	112%	109%	108%	112%	108%	60 - 140	
	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B8-14.5'**	**B8-20.5'**	**B9-1'**	**B9-4.5'**	**B9-8.5'**		
JEL ID:	**ST-9292-21**	**ST-9292-22**	**ST-9292-23**	**ST-9292-24**	**ST-9292-25**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B8-14.5'**	**B8-20.5'**	**B9-1'**	**B9-4.5'**	**B9-8.5'**		
JEL ID:	**ST-9292-21**	**ST-9292-22**	**ST-9292-23**	**ST-9292-24**	**ST-9292-25**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	**1.5**	**1.8**	**2.3**	**2.0**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	110%	116%	111%	110%	115%	60 - 140	
Toluene-d_8	101%	107%	102%	100%	104%	60 - 140	
4-Bromofluorobenzene	113%	116%	104%	106%	108%	60 - 140	
	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B9-14.5'**	**B9-20.5'**	**B9-25.5'**	**B9-30.5'**	**B10-1'**		
JEL ID:	**ST-9292-26**	**ST-9292-27**	**ST-9292-28**	**ST-9292-29**	**ST-9292-30**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B9-14.5'**	**B9-20.5'**	**B9-25.5'**	**B9-30.5'**	**B10-1'**		
JEL ID:	**ST-9292-26**	**ST-9292-27**	**ST-9292-28**	**ST-9292-29**	**ST-9292-30**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	**2.1**	**2.0**	ND	ND	**2.0**	1.0	μg/kg
Toluene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	114%	116%	114%	114%	117%	60 - 140	
Toluene-d_8	104%	106%	104%	103%	106%	60 - 140	
4-Bromofluorobenzene	110%	114%	109%	108%	105%	60 - 140	
	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B10-4.5'**	**B10-8.5'**	**B10-14.5'**	**B10-20.5'**	**B10-25.5'**		
JEL ID:	**ST-9292-31**	**ST-9292-32**	**ST-9292-33**	**ST-9292-34**	**ST-9292-35**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B10-4.5'**	**B10-8.5'**	**B10-14.5'**	**B10-20.5'**	**B10-25.5'**		
JEL ID:	**ST-9292-31**	**ST-9292-32**	**ST-9292-33**	**ST-9292-34**	**ST-9292-35**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**4.3**	**2.8**	ND	ND	**2.2**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	113%	114%	102%	106%	106%	60 - 140	
Toluene-d_8	103%	104%	105%	111%	109%	60 - 140	
4-Bromofluorobenzene	112%	112%	114%	115%	121%	60 - 140	
	VOC3-050616-CHECKS_2	VOC3-050616-CHECKS_2	VOC1-050616-CHECKS	VOC1-050616-CHECKS	VOC1-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID: **B10-30.5'**

JEL ID:	**ST9292-36**	**Practical Quantitation Limit**	**Units**
Analytes:			
Benzene	ND	1.0	μg/kg
Bromobenzene	ND	1.0	μg/kg
Bromodichloromethane	ND	1.0	μg/kg
Bromoform	ND	1.0	μg/kg
n-Butylbenzene	ND	1.0	μg/kg
sec-Butylbenzene	ND	1.0	μg/kg
tert-Butylbenzene	ND	1.0	μg/kg
Carbon tetrachloride	ND	1.0	μg/kg
Chlorobenzene	ND	1.0	μg/kg
Chloroform	ND	1.0	μg/kg
2-Chlorotoluene	ND	1.0	μg/kg
4-Chlorotoluene	ND	1.0	μg/kg
Dibromochloromethane	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	1.0	μg/kg
Dibromomethane	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	5.0	μg/kg
1,1-Dichloroethane	ND	1.0	μg/kg
1,2-Dichloroethane	ND	1.0	μg/kg
1,1-Dichloroethene	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	1.0	μg/kg
1,2-Dichloropropane	ND	1.0	μg/kg
1,3-Dichloropropane	ND	1.0	μg/kg
2,2-Dichloropropane	ND	1.0	μg/kg
1,1-Dichloropropene	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID: **B10-30.5'**

JEL ID:	**ST9292-36**	**Practical Quantitation Limit**	**Units**
Analytes:			
cis-1,3-Dichloropropene	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	1.0	μg/kg
Ethylbenzene	ND	1.0	μg/kg
Freon 113	ND	5.0	μg/kg
Hexachlorobutadiene	ND	1.0	μg/kg
Isopropylbenzene	ND	1.0	μg/kg
4-Isopropyltoluene	ND	1.0	μg/kg
Methylene chloride	ND	1.0	μg/kg
Naphthalene	ND	1.0	μg/kg
n-Propylbenzene	ND	1.0	μg/kg
Styrene	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	1.0	μg/kg
Tetrachloroethylene	ND	1.0	μg/kg
Toluene	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	1.0	μg/kg
Trichloroethylene	ND	1.0	μg/kg
Trichlorofluoromethane	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	1.0	μg/kg
Vinyl chloride	ND	1.0	μg/kg
Xylenes	ND	1.0	μg/kg
MTBE	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	5.0	μg/kg
Di-isopropylether	ND	5.0	μg/kg
tert-amylmethylether	ND	5.0	μg/kg
tert-Butylalcohol	ND	50.0	μg/kg
Gasoline Range Organics	ND	0.20	mg/kg
Dilution Factor	1		

Surrogate Recoveries:		**QC Limits**
Dibromofluoromethane	104%	60 - 140
Toluene-d_8	106%	60 - 140
4-Bromofluorobenzene	112%	60 - 140

VOC1-050616-
CHECKS

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**ST-9292-37**	**ST-9292-41**	**ST-9292-45**	**Practical Quantitation Limit**	**Units**
Analytes:					
Benzene	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**ST-9292-37**	**ST-9292-41**	**ST-9292-45**	**Practical Quantitation Limit**	**Units**
Analytes:					
cis-1,3-Dichloropropene	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	ND	ND	ND	1.0	μg/kg
Toluene	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1		
Surrogate Recoveries:				**QC Limits**	
Dibromofluoromethane	109%	113%	100%	60 - 140	
Toluene-d_8	99%	104%	102%	60 - 140	
4-Bromofluorobenzene	103%	107%	107%	60 - 140	
	VOC3-050616-CHECKS	VOC3-050616-CHECKS_2	VOC1-050616-CHECKS		

ND= Not Detected

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050616-CHECKS

JEL ID:	**ST-9292-39**	**ST-9292-40**			**ST-9292-38**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	95%	91%	5.0%	60 - 140	96%	70 - 130
1,1-Dichloroethylene	127%	117%	7.9%	60 - 140	135%	70 - 130
Cis-1,2-Dichloroethene	105%	103%	2.3%	70 - 130	112%	70 - 130
1,1,1-Trichloroethane	125%	116%	7.3%	70 - 130	133%	70 - 130
Benzene	115%	109%	5.3%	70 - 130	119%	70 - 130
Trichloroethylene	121%	114%	6.4%	70 - 130	128%	70 - 130
Toluene	94%	91%	4.0%	70 - 130	103%	70 - 130
Tetrachloroethene	105%	101%	4.3%	70 - 130	115%	70 - 130
Chlorobenzene	111%	107%	3.6%	70 - 130	118%	70 - 130
Ethylbenzene	95%	91%	4.7%	70 - 130	101%	70 - 130
1,2,4 Trimethylbenzene	92%	87%	5.8%	70 - 130	99%	70 - 130
Gasoline Range Organics	99%	94%	5.0%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	63%	61%		60 - 140	60%	60 - 140
Toluene-d_8	101%	97%		60 - 140	96%	60 - 140
4-Bromofluorobenzene	137%	132%		60 - 140	132%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050616-CHECKS_2

JEL ID:	**ST-9292-43**	**ST-9292-44**			**ST-9292-42**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	87%	88%	1.3%	60 - 140	88%	70 - 130
1,1-Dichloroethylene	122%	117%	4.2%	60 - 140	120%	70 - 130
Cis-1,2-Dichloroethene	107%	106%	0.9%	70 - 130	105%	70 - 130
1,1,1-Trichloroethane	119%	116%	2.6%	70 - 130	118%	70 - 130
Benzene	117%	113%	3.6%	70 - 130	113%	70 - 130
Trichloroethylene	116%	115%	1.0%	70 - 130	113%	70 - 130
Toluene	88%	92%	4.5%	70 - 130	92%	70 - 130
Tetrachloroethene	98%	100%	1.8%	70 - 130	97%	70 - 130
Chlorobenzene	109%	111%	2.4%	70 - 130	109%	70 - 130
Ethylbenzene	89%	93%	4.6%	70 - 130	91%	70 - 130
1,2,4 Trimethylbenzene	84%	88%	4.5%	70 - 130	87%	70 - 130
Gasoline Range Organics	94%	96%	2.1%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	66%	64%		60 - 140	61%	60 - 140
Toluene-d_8	104%	101%		60 - 140	102%	60 - 140
4-Bromofluorobenzene	131%	137%		60 - 140	136%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC1-050616-CHECKS

JEL ID:	**ST-9292-47**	**ST-9292-48**			**ST-9292-46**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	99%	99%	0.3%	60 - 140	96%	70 - 130
1,1-Dichloroethylene	126%	120%	5.1%	60 - 140	122%	70 - 130
Cis-1,2-Dichloroethene	106%	105%	1.0%	70 - 130	109%	70 - 130
1,1,1-Trichloroethane	134%	128%	5.0%	70 - 130	135%	70 - 130
Benzene	125%	120%	4.6%	70 - 130	125%	70 - 130
Trichloroethylene	125%	119%	4.8%	70 - 130	126%	70 - 130
Toluene	128%	128%	0.2%	70 - 130	134%	70 - 130
Tetrachloroethene	125%	128%	2.6%	70 - 130	127%	70 - 130
Chlorobenzene	120%	117%	2.8%	70 - 130	122%	70 - 130
Ethylbenzene	123%	125%	1.9%	70 - 130	129%	70 - 130
1,2,4 Trimethylbenzene	123%	120%	2.1%	70 - 130	126%	70 - 130
Gasoline Range Organics	125%	123%	1.2%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	104%	99%		60 - 140	103%	60 - 140
Toluene-d_8	109%	108%		60 - 140	107%	60 - 140
4-Bromofluorobenzene	108%	111%		60 - 140	116%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B2-1'** **JEL ID:** **ST-9292-01**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**155**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**23.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**23.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**16.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**50.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**62.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B2-4.5'** **JEL ID:** **ST-9292-02**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**235**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**33.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**38.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**69.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**76.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B2-8.5'** **JEL ID:** **ST-9292-03**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**111**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**19.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**16.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**43.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**43.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B2-14.5'** **JEL ID:** **ST-9292-04**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**177**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**34.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**62.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**69.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.026**	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B2-20.5'** **JEL ID:** **ST-9292-05**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**173**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**18.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**10.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**59.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**75.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.021**	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B7-1'** **JEL ID:** **ST-9292-06**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**128**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**17.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**22.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**10.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**59.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**41.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**62.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.030**	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B7-4.5'** **JEL ID:** **ST-9292-07**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**189**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**33.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**63.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**70.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.036**	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B7-8.5'** **JEL ID:** **ST-9292-08**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**81.2**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**8.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**17.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**19.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**16.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**33.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**32.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B7-14.5'** **JEL ID:** **ST-9292-09**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050601	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**106**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**19.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**19.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**11.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**44.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**44.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B7-20.5'** **JEL ID:** **ST-9292-10**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**267**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**40.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**23.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**67.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**75.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB5-1'** **JEL ID:** **ST-9292-11**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**183**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**27.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**33.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**57.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**87.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB5-1D** **JEL ID:** **ST-9292-12**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**41.4**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**9.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**10.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**31.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**28.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.026**	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB5-4.5'** **JEL ID:** **ST-9292-13**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**189**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**59.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**65.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.052**	1	H16050602	5/6/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB5-8.5'** **JEL ID:** **ST-9292-14**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**209**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**20.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**35.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**37.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**70.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**79.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB5-14.5'** **JEL ID:** **ST-9292-15**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**85.4**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**9.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**12.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**15.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**41.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**41.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB5-20.5'** **JEL ID:** **ST-9292-16**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**202**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**37.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**66.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**72.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.021**	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B8-1'** **JEL ID:** **ST-9292-17**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**87.8**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**7.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**10.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**12.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**6.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**28.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**40.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.022**	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B8-4.5'** **JEL ID:** **ST-9292-18**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**184**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**32.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**64.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**67.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B8-8.5'** **JEL ID:** **ST-9292-19**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**153**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**25.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**52.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**50.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B8-8.5D** **JEL ID:** **ST-9292-20**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**131**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**21.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**23.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**50.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**48.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B8-14.5'** **JEL ID:** **ST-9292-21**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**97.0**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**8.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**16.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**14.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**9.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**37.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**36.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B8-20.5'** **JEL ID:** **ST-9292-22**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**131**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**22.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**50.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**53.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B9-1'** **JEL ID:** **ST-9292-23**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**116**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**14.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**18.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**9.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**37.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**57.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B9-4.5'** **JEL ID:** **ST-9292-24**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**190**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**33.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**62.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B9-8.5'** **JEL ID:** **ST-9292-25**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**158**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**25.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**25.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**56.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**56.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B9-14.5'** **JEL ID:** **ST-9292-26**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**124**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**9.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**13.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**15.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	ND	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**41.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**39.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B9-20.5'** **JEL ID:** **ST-9292-27**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**215**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**36.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**65.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.028**	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B9-25.5'** **JEL ID:** **ST-9292-28**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**111**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**17.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**18.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**11.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**43.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**46.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B9-30.5'** **JEL ID:** **ST-9292-29**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050602	5/6/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**112**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**18.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**20.1**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**49.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**44.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B10-1'** **JEL ID:** **ST-9292-30**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**169**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**24.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**25.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**16.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**5.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**56.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**69.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B10-4.5'** **JEL ID:** **ST-9292-31**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**221**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**36.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**22.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**66.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**73.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B10-8.5'** **JEL ID:** **ST-9292-32**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**236**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**34.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**39.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**72.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**77.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B10-14.5'** **JEL ID:** **ST-9292-33**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**97.8**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**8.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**13.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**13.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	ND	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**38.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**35.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050701	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B10-20.5'** **JEL ID:** **ST-9292-34**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**222**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**22.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**71.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**71.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.021**	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B10-25.5'** **JEL ID:** **ST-9292-35**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**214**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**51.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**79.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**65.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

Sample ID: **B10-30.5'** **JEL ID:** **ST-9292-36**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**139**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**16.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**18.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**48.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**53.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050601** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160506-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050601** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
MATRIX SPIKE:	**I160506-LCS1**						
Barium, Ba	**213**	200	ND	106%		75 - 125	mg/kg
Cobalt, Co	**56.9**	50.0	ND	114%		75 - 125	mg/kg
Lead, Pb	**55.3**	50.0	ND	111%		75 - 125	mg/kg
Selenium, Se	**186**	200	ND	93%		75 - 125	mg/kg
Zinc, Zn	**55.3**	50.0	ND	111%		75 - 125	mg/kg
MATRIX SPIKE DUPLICATE:	**I160506-LCSD1**						
Barium, Ba	**219**	200	ND	110%	3.0%	75 - 125	mg/kg
Cobalt, Co	**58.4**	50.0	ND	117%	2.6%	75 - 125	mg/kg
Lead, Pb	**57.3**	50.0	ND	115%	3.6%	75 - 125	mg/kg
Selenium, Se	**194**	200	ND	97%	3.9%	75 - 125	mg/kg
Zinc, Zn	**56.0**	50.0	ND	112%	1.2%	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I1650602** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160506-BLK2**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I1650602** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160506-LCS2**						
Barium, Ba	**218**	200	ND	109%		75 - 125	mg/kg
Cobalt, Co	**58.9**	50.0	ND	118%		75 - 125	mg/kg
Lead, Pb	**56.6**	50.0	ND	113%		75 - 125	mg/kg
Selenium, Se	**191**	200	ND	95%		75 - 125	mg/kg
Zinc, Zn	**54.3**	50.0	ND	109%		75 - 125	mg/kg
LCSD:	**I160506-LCSD2**						
Barium, Ba	**214**	200	ND	107%	2.1%	75 - 125	mg/kg
Cobalt, Co	**58.0**	50.0	ND	116%	1.7%	75 - 125	mg/kg
Lead, Pb	**55.1**	50.0	ND	110%	2.7%	75 - 125	mg/kg
Selenium, Se	**186**	200	ND	93%	2.6%	75 - 125	mg/kg
Zinc, Zn	**53.1**	50.0	ND	106%	2.3%	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9292
		Client Ref. No.:	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

BATCH: **I16050701** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160507-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050701** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160507-LCS1**						
Barium, Ba	**216**	200	ND	108%		75 - 125	mg/kg
Cobalt, Co	**57.2**	50.0	ND	114%		75 - 125	mg/kg
Lead, Pb	**53.8**	50.0	ND	108%		75 - 125	mg/kg
Selenium, Se	**178**	200	ND	89%		75 - 125	mg/kg
Zinc, Zn	**55.7**	50.0	ND	111%		75 - 125	mg/kg
LCSD:	**I160507-LCSD1**						
Barium, Ba	**207**	200	ND	103%	4.2%	75 - 125	mg/kg
Cobalt, Co	**54.7**	50.0	ND	109%	4.4%	75 - 125	mg/kg
Lead, Pb	**52.6**	50.0	ND	105%	2.3%	75 - 125	mg/kg
Selenium, Se	**175**	200	ND	88%	1.8%	75 - 125	mg/kg
Zinc, Zn	**51.3**	50.0	ND	103%	8.3%	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **H16050602** **Prepared:** 5/6/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160506-BLK2**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160506-LCS2**						
Mercury, Hg	**0.86**	1.00	ND	86%		75 - 125	mg/kg
LCSD:	**H160506-LCSD2**						
Mercury, Hg	**0.86**	1.00	ND	86%	**0.2%**	75 - 125	mg/kg

ND= Not Detected

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **H16050701** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160507-BLK1**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160507-LCS1**						
Mercury, Hg	**0.87**	1.00	ND	87%		75 - 125	mg/kg
LCSD:	**H160507-LCSD1**						
Mercury, Hg	**0.87**	1.00	ND	87%	**0.8%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9292
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

BATCH: **H16050702** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160507-BLK2**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160507-LCS2**						
Mercury, Hg	**0.87**	1.00	ND	87%		75 - 125	mg/kg
LCSD:	**H160507-LCSD2**						
Mercury, Hg	**0.85**	1.00	ND	85%	**1.9%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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Chain-of-Custody Record

Client: Leighton
Project Name: SJ4
Project Address: 777 N Front St
Burbank
Project Contact: Robin Ferber

Date: 5/5/16
Client Project #: 11235

Turn Around Requested:
☐ Immediate Attention
Rush: ☐ 24 ☐ 48 ☐ 72
☒ Normal
☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
☐ n-propanol
☐ n-pentane
☐ 1,1-DFA
☐ Helium
☐ ______

JEL Project #: ST-9292
Page 1 of 4

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8260B VOCs	8015M TPHcc	6010 metals		Magnehelic Vacuum (In/H$_2$O)	Number of Containers	Remarks/Special Instructions
~~B2-1'~~ B2-1'			5/5/16	0818		ST-9292-01	S	X	X	X			4	
B2-4.5'				0819		ST-9292-02								
B2-8.5'				0823		ST-9292-03								
B2-14.5'				0829		ST-9292-04								
B2-20.5'				0835		ST-9292-05								
B7-1'				0915		ST-9292-06								
B7-4.5'				0918		ST-9292-07								
B7-8.5'				0923		ST-9292-08								
B7-14.5'				0926		ST-9292-09								
B7-20.5'				0930		ST-9292-10								

① Relinquished by (signature): [signature]	Date: 5/5/16	② Received by (signature): [signature]	Date: 5/5/16
Company: Leighton	Time: 15:00	Company: JEL	Time: 15:00
③ Relinquished by (signature): [signature]	Date: 5/5/16	④ Received by Laboratory (signature): [signature]	Date: 5/5/16
Company: JEL	Time: 17:30	Company: Jones Environmental Inc	Time: 17:30

Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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JONES ENVIRONMENTAL, INC.

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Chain-of-Custody Record

Client: Leighton
Project Name: SJU
Project Address: 777 N Front St Burbank
Project Contact: Robin Ferber

Date: 5/5/16
Client Project #: 11235

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☑ Normal
- ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
- ☐ n-propanol
- ☐ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ______

JEL Project #: ST-9292
Page 2 **of** 4

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8260B VOCs	8015M TPH cc	6010 Metals	Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
LB5-1'			5/5/16	1010		ST-9292-11	S	X	X	X		4	
LB5-1D				1010		ST-9292-12							
LB5-4.5'				1050		ST-9292-13							
LB5-8.5'				1053		ST-9292-14							
LB5-14.5'				1058		ST-9292-15							
LB5-20.5'				1102		ST-9292-16							
B8-1'				1214		ST-9292-17							
B8-4.5'				1216		ST-9292-18							
B8-8.5'				1220		ST-9292-19							
B8-8.5D				1220		ST-9292-20							

❶ Relinquished by (signature)	Date 5/5/16	❷ Received by (signature)	Date 5/5/16
Company Leighton	Time 15:00	Company JEL	Time 15:00
❸ Relinquished by (signature)	Date 5/5/16	❹ Received by Laboratory (signature)	Date 5/5/16
Company JEL	Time 17:30	Company Jones Environmental Inc	Time 17:30

Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Chain-of-Custody Record

Client: Leighton

Project Name: SJ4

Project Address: 777 N Front, Burbank

Project Contact: Robin Felber

Date: 5/5/16

Client Project #: 11235

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☒ Normal
- ☐ Mobile Lab

SOIL GAS

Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P

Purge Rate: ________ cc/min

Shut in Test Y / N

Tracer:
- ☐ n-propanol
- ☐ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ________

JEL Project #: ST-9292

Page 3 of 4

Lab Use Only

Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8260B VOCs	8015M TPH cc	6010 metals	Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
B8-14.5'			5/5/16	1225		ST-9292-21	S	X	X	X		4	
B8-20.5'				1228		ST-9292-22							
B9-1'				1307		ST-9292-23							
B9-4.5'				1309		ST-9292-24							
B9-8.5'				1312		ST-9292-25							
B9-14.5'				1315		ST-9292-26							
B9-20.5'				1319		ST-9292-27							
B9-25.5'				1323		ST-9292-28							
B9-30.5'				1327		ST-9292-29							

❶ Relinquished by (signature)	Date 5/5/16	❷ Received by (signature)	Date 5/5/16
Company Leighton	Time 15:00	Company JEL	Time 15:00
❸ Relinquished by (signature)	Date 5/5/16	❹ Received by Laboratory (signature)	Date 5/5/16
Company JEL	Time 17:30	Company Jones Environmental Inc	Time 17:30

Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Chain-of-Custody Record

Client: Leighton
Project Name: SJ4
Project Address: 777 Front St, Burbank
Project Contact: Robin Ferber

Date: 5/5/16
Client Project #: 11235
Turn Around Requested: ☐ Immediate Attention; Rush: ☐ 24 ☐ 48 ☐ 72; ☒ Normal; ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer: ☐ n-propanol ☐ n-pentane ☐ 1,1-DFA ☐ Helium ☐ ______

JEL Project #: ST-9292
Page 4 of 4

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	8260B VOCs	8015M TPHCC	6010 metals		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
B10-1'			5/5/16	1303		ST-9292-30	S	X	X	X			4	
B10-4.5'				1305		ST-9292-31								
B10-8.5'				1308		ST-9292-32								
B10-14.5'				1311		ST-9292-33								
B10-20.5'				1315		ST-9292-34								
B10-25.5'				1318		ST-9292-35								
B10-30.5'				1320		ST-9292-36								

❶ Relinquished by (signature): Shannon Hull	Date: 5/5/16	❷ Received by (signature): [signature]	Date: 5/5/16
Company: Leighton	Time: 15:00	Company: JEL	Time: 15:00
❸ Relinquished by (signature): [signature]	Date: 5/5/16	❹ Received by Laboratory (signature): [signature]	Date: 5/5/16
Company: JEL	Time: 17:30	Company: Jones Environmental Inc	Time: 17:30

Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7,9-12/2016
Project Address:	777 N. Front St.	**Physical State:**	Soil
	Burbank, CA		

ANALYSES REQUESTED

1. EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil
2. EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics
3. EPA 6010B by 3050B and EPA 7471A – CAM 17 Metals

Approval: ______________________

Steve Jones, Ph.D.
Laboratory Manager

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A5-1.25'**	**A5-4.5'**	**A5B-1'**	**A5B-4.5'**	**A5B-8.5'**		
JEL ID:	**ST-9293-01**	**ST-9293-02**	**ST-9293-03**	**ST-9293-04**	**ST-9293-05**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	**241**	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	**169**	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	58%	80%	120%	76%	60%	30 - 120	
Batch ID:	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A5B-14.5'**	**A5B-20.5'**	**A6-1'**	**A6-4.5'**	**A6-8.5'**		
JEL ID:	**ST-9293-06**	**ST-9293-07**	**ST-9293-08**	**ST-9293-09**	**ST-9293-10**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	61%	61%	63%	53%	83%	30 - 120	
Batch ID:	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A6-14.5'**	**A6-20.5'**	**A6-20.5'-D**	**A7-1'**	**A7-3.5'**		
JEL ID:	**ST-9293-11**	**ST-9293-12**	**ST-9293-13**	**ST-9293-14**	**ST-9293-15**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	**21.8**	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	70%	57%	76%	69%	95%	30 - 120	
Batch ID:	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A7-8.5'**	**A7-14.5'**	**A7-20.5'**	**A8-1'**	**A8-4.5'**		
JEL ID:	**ST-9293-16**	**ST-9293-17**	**ST-9293-18**	**ST-9293-19**	**ST-9293-20**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	61%	85%	42%	56%	45%	30 - 120	
Batch ID:	8015_ 160507_01	8015_ 160507_01	8015_ 160507_01	8015_ 160507_02	8015_ 160509_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A8-8.5'**	**A8-14.5'**	**A8-20.5'**	**A9-1'**	**A9-4.5'**		
JEL ID:	**ST-9293-21**	**ST-9293-22**	**ST-9293-23**	**ST-9293-24**	**ST-9293-25**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	71%	70%	69%	107%	92%	30 - 120	
Batch ID:	8015_ 160507_02	8015_ 160507_02	8015_ 160507_02	8015_ 160507_02	8015_ 160507_02		

ND = Not Detected

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LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A9-8.5'**	**A9-14.5'**	**A9-20.5'**	**A9-20.5'-D**	**A9-25.5'**		
JEL ID:	**ST-9293-26**	**ST-9293-27**	**ST-9293-28**	**ST-9293-29**	**ST-9293-30**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	102%	98%	51%	77%	77%	30 - 120	
Batch ID:	8015_ 160507_02	8015_ 160507_02	8015_ 160507_02	8015_ 160507_02	8015_ 160507_02		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A9-30.5'**	**A10-1'**	**A10-14.5'**	**A10-20.5'**	**A10-25.5'**		
JEL ID:	**ST-9293-31**	**ST-9293-32**	**ST-9293-33**	**ST-9293-34**	**ST-9293-35**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	85%	98%	89%	88%	123%	30 - 120	
Batch ID:	8015_ 160507_02	8015_ 160507_02	8015_ 160507_02	8015_ 160507_02	8015_ 160507_02		

ND = Not Detected

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LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A10-30.5'**	**LB4-1'**	**LB4-4.5'**	**LB4-8.5'**	**LB4-14.5'**		
JEL ID:	**ST-9293-36**	**ST-9293-37**	**ST-9293-38**	**ST-9293-39**	**ST-9293-40**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	107%	93%	106%	95%	49%	30 - 120	
Batch ID:	8015_ 160507_02	8015_ 160507_02	8015_ 160509_01	8015_ 160509_01	8015_ 160509_01		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**LB4-20.5'**	**LB6-1'**	**LB6-5'**	**LB6-11'**	**LB6-17'**		
JEL ID:	**ST-9293-41**	**ST-9293-42**	**ST-9293-43**	**ST-9293-44**	**ST-9293-45**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	**79.1**	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	**356**	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	80%	96%	86%	40%	84%	30 - 120	
Batch ID:	8015_ 160509_01	8015_ 160509_01	8015_ 160509_01	8015_ 160509_01	8015_ 160509_01		

ND = Not Detected

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JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**MB-160507_01**	**MB-160507_02**	**MB-160509_01**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range					
Diesel Range Organics (C10-C28)	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1		
Surrogate Recovery:				**QC Limits**	
Hexacosane	104%	93%	88%	30 - 120	
Batch ID:	8015_160507_01	8015_160507_02	8015_160509_01		

ND = Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160507_01 **Prepared:** 5/7/2016 **Analyzed:** 5/7/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160507_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**359**	600	ND	60%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				73%		30 - 120	
LCSD:	LCSD-160507_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**362**	600	ND	60%	0.8%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				73%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160507_02 **Prepared:** 5/7/2016 **Analyzed:** 5/12/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160507_02		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**621**	600	ND	104%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				67%		30 - 120	
LCSD:	LCSD-160507_02		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**604**	600	ND	101%	2.8%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				48%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9,12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

BATCH: 8015_160509_01 **Prepared:** 5/9/2016 **Analyzed:** 5/9/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160509_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**537**	600	ND	90%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				76%		30 - 120	
LCSD:	LCSD-160509_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**524**	600	ND	87%	2.5%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				72%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL LABORATORY RESULTS

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	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A5-1.25'**	**A5-4.5'**	**A5B-1'**	**A5B-4.5'**	**A5B-8.5'**		
JEL ID:	**ST-9293-01**	**ST-9293-02**	**ST-9293-03**	**ST-9293-04**	**ST-9293-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	A5-1.25'	A5-4.5'	A5B-1'	A5B-4.5'	A5B-8.5'		
JEL ID:	ST-9293-01	ST-9293-02	ST-9293-03	ST-9293-04	ST-9293-05	Practical Quantitation Limit	Units
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**810***	**32.2**	**253***	**39.8**	**16.0**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	**2.8**	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1/10*	1	1/9*	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	106%	108%	106%	107%	104%	60 - 140	
Toluene-d_8	110%	107%	109%	105%	104%	60 - 140	
4-Bromofluorobenzene	117%	112%	114%	114%	118%	60 - 140	
	VOC1-050616-CHECKS & VOC3-050916-CHECKS*	VOC1-050616-CHECKS	VOC1-050616-CHECKS & VOC3-050916-CHECKS*	VOC1-050616-CHECKS	VOC1-050616-CHECKS		

ND= Not Detected

* = Dilution for these compound(s); first number for all others

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A5B-14.5'**	**A5B-20.5'**	**A6-1'**	**A6-4.5'**	**A6-8.5'**		
JEL ID:	**ST-9293-06**	**ST-9293-07**	**ST-9293-08**	**ST-9293-09**	**ST-9293-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A5B-14.5'**	**A5B-20.5'**	**A6-1'**	**A6-4.5'**	**A6-8.5'**		
JEL ID:	**ST-9293-06**	**ST-9293-07**	**ST-9293-08**	**ST-9293-09**	**ST-9293-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	**181**	**57.5**	ND	**13.7**	**2.0**	1.0	μg/kg
Toluene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	108%	106%	104%	107%	60 - 140	
Toluene-d_8	106%	107%	108%	106%	107%	60 - 140	
4-Bromofluorobenzene	114%	116%	114%	112%	120%	60 - 140	
	VOC1-050616-CHECKS	VOC1-050616-CHECKS	VOC1-050616-CHECKS	VOC1-050616-CHECKS	VOC1-050616-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:** **Client Ref. No.:**	ST-9293 11235.002
Attn:	Robin Ferber	**Date Sampled:** **Date Received:**	5/4-5/2016 5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	A6-14.5'	A6-20.5'	A6-20.5'-D	A7-1'	A7-3.5'		
JEL ID:	ST-9293-11	ST-9293-12	ST-9293-13	ST-9293-14	ST-9293-15	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	A6-14.5'	A6-20.5'	A6-20.5'-D	A7-1'	A7-3.5'		
JEL ID:	ST-9293-11	ST-9293-12	ST-9293-13	ST-9293-14	ST-9293-15	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**16.6**	**10.7**	**19.3**	**22.1**	**2470***	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	**64.7**	**4800***	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1/23*		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	107%	107%	105%	106%	60 - 140	
Toluene-d_8	104%	107%	106%	106%	100%	60 - 140	
4-Bromofluorobenzene	116%	115%	112%	111%	103%	60 - 140	
	VOC1-050616-CHECKS	VOC1-050616-CHECKS	VOC1-050616-CHECKS	VOC1-050616-CHECKS	VOC1-050616-CHECKS & VOC3-050916-CHECKS*		

ND= Not Detected

* = Dilution for these compound(s); first number for all others

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A7-8.5'**	**A7-14.5'**	**A7-20.5'**	**A8-1'**	**A8-4.5'**		
JEL ID:	**ST-9293-16**	**ST-9293-17**	**ST-9293-18**	**ST-9293-19**	**ST-9293-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A7-8.5'**	**A7-14.5'**	**A7-20.5'**	**A8-1'**	**A8-4.5'**		
JEL ID:	**ST-9293-16**	**ST-9293-17**	**ST-9293-18**	**ST-9293-19**	**ST-9293-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**1.4**	**2.6**	**1.0**	**21.9**	**11.4**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	**2.6**	**3.0**	ND	**2.1**	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	108%	107%	107%	107%	109%	60 - 140	
Toluene-d_8	108%	105%	107%	105%	108%	60 - 140	
4-Bromofluorobenzene	118%	116%	112%	113%	115%	60 - 140	
	VOC1-050616-CHECKS	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2		

ND= Not Detected

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A8-8.5'**	**A8-14.5'**	**A8-20.5'**	**A9-1'**	**A9-4.5'**		
JEL ID:	**ST-9293-21**	**ST-9293-22**	**ST-9293-23**	**ST-9293-24**	**ST-9293-25**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	**3.0**	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A8-8.5'**	**A8-14.5'**	**A8-20.5'**	**A9-1'**	**A9-4.5'**		
JEL ID:	**ST-9293-21**	**ST-9293-22**	**ST-9293-23**	**ST-9293-24**	**ST-9293-25**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**1.5**	**5.7**	**3.1**	**4.3**	**4.5**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	107%	109%	103%	107%	108%	60 - 140	
Toluene-d_8	109%	106%	105%	106%	107%	60 - 140	
4-Bromofluorobenzene	115%	118%	114%	116%	117%	60 - 140	
	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A9-8.5'**	**A9-14.5'**	**A9-20.5'**	**A9-20.5'-D**	**A9-25.5'**		
JEL ID:	**ST-9293-26**	**ST-9293-27**	**ST-9293-28**	**ST-9293-29**	**ST-9293-30**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A9-8.5'**	**A9-14.5'**	**A9-20.5'**	**A9-20.5'-D**	**A9-25.5'**		
JEL ID:	**ST-9293-26**	**ST-9293-27**	**ST-9293-28**	**ST-9293-29**	**ST-9293-30**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	105%	108%	108%	108%	107%	60 - 140	
Toluene-d_8	106%	107%	108%	108%	107%	60 - 140	
4-Bromofluorobenzene	113%	115%	119%	121%	117%	60 - 140	
	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A9-30.5'**	**A10-1'**	**A10-14.5'**	**A10-20.5'**	**A10-25.5'**		
JEL ID:	**ST-9293-31**	**ST-9293-32**	**ST-9293-33**	**ST-9293-34**	**ST-9293-35**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A9-30.5'**	**A10-1'**	**A10-14.5'**	**A10-20.5'**	**A10-25.5'**		
JEL ID:	**ST-9293-31**	**ST-9293-32**	**ST-9293-33**	**ST-9293-34**	**ST-9293-35**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	**6.8**	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	105%	109%	105%	108%	60 - 140	
Toluene-d_8	105%	105%	107%	106%	107%	60 - 140	
4-Bromofluorobenzene	120%	117%	113%	113%	116%	60 - 140	
	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2	VOC1-050616-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A10-30.5'**	**LB4-1'**	**LB4-4.5'**	**LB4-8.5'**	**LB4-14.5'**		
JEL ID:	**ST-9293-36**	**ST-9293-37**	**ST-9293-38**	**ST-9293-39**	**ST-9293-40**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A10-30.5'**	**LB4-1'**	**LB4-4.5'**	**LB4-8.5'**	**LB4-14.5'**		
JEL ID:	**ST-9293-36**	**ST-9293-37**	**ST-9293-38**	**ST-9293-39**	**ST-9293-40**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	ND	**4.4**	**25.6**	**5.4**	**26.7**	1.0	μg/kg
Toluene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	107%	111%	110%	109%	115%	60 - 140	
Toluene-d_8	107%	103%	100%	102%	105%	60 - 140	
4-Bromofluorobenzene	114%	108%	104%	107%	111%	60 - 140	
	VOC1-050616-CHECKS_2	VOC3-050616-CHECKS_3	VOC3-050616-CHECKS_3	VOC3-050616-CHECKS_3	VOC3-050616-CHECKS_3		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	LB4-20.5'	LB6-1'	LB6-5'	LB6-11'	LB6-17'		
JEL ID:	ST-9293-41	ST-9293-42	ST-9293-43	ST-9293-44	ST-9293-45	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB4-20.5'**	**LB6-1'**	**LB6-5'**	**LB6-11'**	**LB6-17'**		
JEL ID:	**ST-9293-41**	**ST-9293-42**	**ST-9293-43**	**ST-9293-44**	**ST-9293-45**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**4.3**	**1.0**	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	112%	116%	115%	115%	111%	60 - 140	
Toluene-d_8	102%	104%	105%	103%	101%	60 - 140	
4-Bromofluorobenzene	106%	106%	110%	113%	107%	60 - 140	
	VOC3-050616-CHECKS_3	VOC3-050616-CHECKS_3	VOC3-050616-CHECKS_3	VOC3-050616-CHECKS_3	VOC3-050616-CHECKS_3		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**ST-9293-46**	**ST-9293-50**	**ST-9293-54**	**ST-9293-58**	**Practical Quantitation Limit**	**Units**
Analytes:						
Benzene	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**ST-9293-46**	**ST-9293-50**	**ST-9293-54**	**ST-9293-58**	**Practical Quantitation Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	100%	103%	110%	108%	60 - 140	
Toluene-d_8	102%	108%	103%	103%	60 - 140	
4-Bromofluorobenzene	107%	115%	107%	99%	60 - 140	
	VOC1-050616-CHECKS	VOC1-050616-CHECKS_2	VOC3-050616-CHECKS_3	VOC3-050916-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC1-050616-CHECKS

JEL ID:	**ST-9293-48**	**ST-9293-49**			**ST-9293-47**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	99%	99%	0.3%	60 - 140	96%	70 - 130
1,1-Dichloroethylene	126%	120%	5.1%	60 - 140	122%	70 - 130
Cis-1,2-Dichloroethene	106%	105%	1.0%	70 - 130	109%	70 - 130
1,1,1-Trichloroethane	134%	128%	5.0%	70 - 130	135%	70 - 130
Benzene	125%	120%	4.6%	70 - 130	125%	70 - 130
Trichloroethylene	125%	119%	4.8%	70 - 130	126%	70 - 130
Toluene	128%	128%	0.2%	70 - 130	134%	70 - 130
Tetrachloroethene	125%	128%	2.6%	70 - 130	127%	70 - 130
Chlorobenzene	120%	117%	2.8%	70 - 130	122%	70 - 130
Ethylbenzene	123%	125%	1.9%	70 - 130	129%	70 - 130
1,2,4 Trimethylbenzene	123%	120%	2.1%	70 - 130	126%	70 - 130
Gasoline Range Organics	125%	123%	1.2%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	104%	99%		60 - 140	103%	60 - 140
Toluene-d_8	109%	108%		60 - 140	107%	60 - 140
4-Bromofluorobenzene	108%	111%		60 - 140	116%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC1-050616-CHECKS_2

JEL ID:	**ST-9293-52**	**ST-9293-53**			**ST-9293-51**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	87%	87%	0.2%	60 - 140	86%	70 - 130
1,1-Dichloroethylene	107%	105%	2.0%	60 - 140	105%	70 - 130
Cis-1,2-Dichloroethene	102%	101%	0.9%	70 - 130	102%	70 - 130
1,1,1-Trichloroethane	117%	113%	2.8%	70 - 130	117%	70 - 130
Benzene	112%	113%	0.0%	70 - 130	112%	70 - 130
Trichloroethylene	111%	108%	2.9%	70 - 130	110%	70 - 130
Toluene	119%	113%	4.7%	70 - 130	113%	70 - 130
Tetrachloroethene	108%	108%	0.4%	70 - 130	108%	70 - 130
Chlorobenzene	113%	109%	4.2%	70 - 130	109%	70 - 130
Ethylbenzene	113%	112%	0.7%	70 - 130	96%	70 - 130
1,2,4 Trimethylbenzene	110%	108%	2.5%	70 - 130	108%	70 - 130
Gasoline Range Organics	114%	111%	2.0%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	99%	103%		60 - 140	102%	60 - 140
Toluene-d_8	106%	107%		60 - 140	108%	60 - 140
4-Bromofluorobenzene	112%	108%		60 - 140	113%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050616-CHECKS_3

JEL ID:	**ST-9293-56**	**ST-9293-57**			**ST-9293-55**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	90%	88%	1.9%	60 - 140	87%	70 - 130
1,1-Dichloroethylene	127%	116%	9.0%	60 - 140	119%	70 - 130
Cis-1,2-Dichloroethene	111%	105%	5.9%	70 - 130	107%	70 - 130
1,1,1-Trichloroethane	122%	115%	5.2%	70 - 130	116%	70 - 130
Benzene	117%	115%	2.2%	70 - 130	112%	70 - 130
Trichloroethylene	119%	114%	4.0%	70 - 130	113%	70 - 130
Toluene	94%	88%	5.7%	70 - 130	89%	70 - 130
Tetrachloroethene	101%	98%	2.6%	70 - 130	97%	70 - 130
Chlorobenzene	114%	111%	2.6%	70 - 130	113%	70 - 130
Ethylbenzene	93%	90%	3.5%	70 - 130	89%	70 - 130
1,2,4 Trimethylbenzene	88%	88%	0.3%	70 - 130	85%	70 - 130
Gasoline Range Organics	98%	95%	2.9%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	61%	64%		60 - 140	63%	60 - 140
Toluene-d_8	102%	102%		60 - 140	103%	60 - 140
4-Bromofluorobenzene	133%	138%		60 - 140	137%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/6-7&9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050916-CHECKS

JEL ID:	**ST-9293-60**	**ST-9293-61**			**ST-9293-59**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	92%	92%	0.1%	60 - 140	101%	70 - 130
1,1-Dichloroethylene	121%	112%	8.1%	60 - 140	127%	70 - 130
Cis-1,2-Dichloroethene	102%	100%	1.8%	70 - 130	105%	70 - 130
1,1,1-Trichloroethane	125%	120%	3.8%	70 - 130	130%	70 - 130
Benzene	127%	116%	8.9%	70 - 130	125%	70 - 130
Trichloroethylene	121%	114%	5.5%	70 - 130	125%	70 - 130
Toluene	93%	90%	4.1%	70 - 130	96%	70 - 130
Tetrachloroethene	102%	93%	8.8%	70 - 130	106%	70 - 130
Chlorobenzene	107%	104%	3.1%	70 - 130	110%	70 - 130
Ethylbenzene	95%	92%	3.4%	70 - 130	84%	70 - 130
1,2,4 Trimethylbenzene	90%	84%	6.4%	70 - 130	91%	70 - 130
Gasoline Range Organics	101%	95%	5.9%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	69%	66%		60 - 140	66%	60 - 140
Toluene-d_8	98%	94%		60 - 140	98%	60 - 140
4-Bromofluorobenzene	132%	134%		60 - 140	130%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A5-1.25'** **JEL ID:** **ST-9293-01**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**181**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**67.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.024**	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A5-4.5'** **JEL ID:** **ST-9293-02**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**114**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**21.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**19.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**49.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**47.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A5B-1'** **JEL ID:** **ST-9293-03**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**147**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**1.2**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**9.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**14.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**124**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**16.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**74.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**46.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**6040**	100	"	"	4/11/2016	50.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A5B-4.5'** **JEL ID:** **ST-9293-04**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**137**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**18.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**18.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**53.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**55.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.059**	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A5B-8.5'** **JEL ID:** **ST-9293-05**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**152**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**24.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**21.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**53.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**53.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A5B-14.5'** **JEL ID:** **ST-9293-06**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**196**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**35.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**32.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**18.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**61.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**72.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A5B-20.5'** **JEL ID:** **ST-9293-07**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**218**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**32.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**40.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**74.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A6-1'** **JEL ID:** **ST-9293-08**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**45.9**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**11.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**18.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**33.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**28.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.026**	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A6-4.5'** **JEL ID:** **ST-9293-09**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**136**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**1.2**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**157**	1	"	"	"	0.5	mg/kg
Copper, Cu	**39.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**74.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**45.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**6260**	20	"	"	5/10/2016	10.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.030**	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A6-8.5'** **JEL ID:** **ST-9293-10**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**166**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**20.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**73.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**100**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**18.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**59.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**57.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**3240**	10	"	"	5/10/2016	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A6-14.5'** **JEL ID:** **ST-9293-11**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**186**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**67.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**103**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**36.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**65.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**3020**	10	"	"	5/10/2016	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A6-20.5'** **JEL ID:** **ST-9293-12**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**172**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**20.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**61.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**40.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**25.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**17.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**81.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**6660**	20	"	"	5/10/2016	10.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A6-20.5'-D** **JEL ID:** **ST-9293-13**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050701	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**176**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**59.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**40.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**17.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**78.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**7050**	20	"	"	5/10/2016	10.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A7-1'** **JEL ID:** **ST-9293-14**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**131**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**9.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**25.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	**2.2**	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**15.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**58.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**154**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.035**	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A7-3.5'** **JEL ID:** **ST-9293-15**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	**2.4**	1	"	"	"	0.5	mg/kg
Barium, Ba	**34.5**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	**6.1**	1	"	"	"	0.5	mg/kg
Cobalt, Co	**1.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**7.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**6740**	20	"	"	5/10/2016	10.0	mg/kg
Molybdenum, Mo	ND	1	"	"	5/9/2016	0.5	mg/kg
Nickel, Ni	**47.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1110**	10	"	"	5/10/2016	5.0	mg/kg
Antimony, Sb	ND	1	"	"	5/9/2016	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**11.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**6920**	20	"	"	5/10/2016	10.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.029**	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A7-8.5'** **JEL ID:** **ST-9293-16**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**176**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**34.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**609**	10	"	"	5/10/2016	5.0	mg/kg
Molybdenum, Mo	ND	1	"	"	5/9/2016	0.5	mg/kg
Nickel, Ni	**28.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**99.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**64.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**359**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A7-14.5'** **JEL ID:** **ST-9293-17**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**107**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**7.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**15.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**26.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**40.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**41.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050702	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A7-20.5'** **JEL ID:** **ST-9293-18**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**139**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**23.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**32.1**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**54.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**55.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A8-1'** **JEL ID:** **ST-9293-19**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**131**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**18.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**25.1**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**45.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**62.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.022**	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A8-4.5'** **JEL ID:** **ST-9293-20**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**220**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**20.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**34.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**42.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**25.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**74.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**46.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.030**	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A8-8.5'** **JEL ID:** **ST-9293-21**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**129**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**21.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**24.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**13.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**49.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**45.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A8-14.5'** **JEL ID:** **ST-9293-22**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**246**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**25.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**34.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**18.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**59.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**64.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A8-20.5'** **JEL ID:** **ST-9293-23**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**152**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**16.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**57.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**53.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A9-1'** **JEL ID:** **ST-9293-24**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**126**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**17.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**22.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**11.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**45.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**59.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.022**	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A9-4.5'** **JEL ID:** **ST-9293-25**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**189**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**66.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**63.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A9-8.5'** **JEL ID:** **ST-9293-26**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**115**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**20.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**21.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**47.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**43.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A9-14.5'** **JEL ID:** **ST-9293-27**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**179**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**32.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**58.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**69.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A9-20.5'** **JEL ID:** **ST-9293-28**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**171**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**23.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**28.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**51.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**57.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A9-20.5'-D** **JEL ID:** **ST-9293-29**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**142**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**25.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**13.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**56.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**48.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A9-25.5'** **JEL ID:** **ST-9293-30**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**113**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**9.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**12.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**16.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**7.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**43.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**36.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A9-30.5'** **JEL ID:** **ST-9293-31**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**60.8**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**5.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**10.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**10.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	ND	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**32.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**22.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A10-1'** **JEL ID:** **ST-9293-32**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**145**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**21.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**22.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**6.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**47.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**66.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A10-14.5'** **JEL ID:** **ST-9293-33**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050702	5/7/2016	5/9/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**83.8**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**7.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**20.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**14.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	ND	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**33.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**34.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A10-20.5'** **JEL ID:** **ST-9293-34**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**129**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**9.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**18.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**23.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**40.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**50.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A10-25.5'** **JEL ID:** **ST-9293-35**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**242**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**13.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**70.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**63.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A10-30.5'** **JEL ID:** **ST-9293-36**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**142**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**19.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**29.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**49.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**62.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB4-1'** **JEL ID:** **ST-9293-37**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**159**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**19.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**61.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**11.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**45.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**684**	10	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050703	5/7/2016	5/9/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB4-4.5'** **JEL ID:** **ST-9293-38**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**126**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**18.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**21.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**44.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**48.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB4-8.5'** **JEL ID:** **ST-9293-39**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**120**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**9.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**19.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**22.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**12.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**42.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**46.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **LB4-14.5'** **JEL ID:** **ST-9293-40**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**153**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**9.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**13.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**17.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**7.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**42.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**44.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB4-20.5'** **JEL ID:** **ST-9293-41**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**225**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**38.1**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**22.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**68.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**74.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB6-1'** **JEL ID:** **ST-9293-42**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**260**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**35.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**45.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**26.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**75.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**81.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9293
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **LB6-5'**   **JEL ID:** **ST-9293-43**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**205**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**32.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**65.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**73.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB6-11'** **JEL ID:** **ST-9293-44**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**190**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**33.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**63.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB6-17'** **JEL ID:** **ST-9293-45**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**147**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**23.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**57.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**57.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050701** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160507-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050701** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
MATRIX SPIKE:	**I160507-LCS1**						
Barium, Ba	**216**	200	ND	108%		75 - 125	mg/kg
Cobalt, Co	**57.2**	50.0	ND	114%		75 - 125	mg/kg
Lead, Pb	**53.8**	50.0	ND	108%		75 - 125	mg/kg
Selenium, Se	**178**	200	ND	89%		75 - 125	mg/kg
Zinc, Zn	**55.7**	50.0	ND	111%		75 - 125	mg/kg
MATRIX SPIKE DUPLICATE:	**I160507-LCSD1**						
Barium, Ba	**207**	200	ND	103%	4.2%	75 - 125	mg/kg
Cobalt, Co	**54.7**	50.0	ND	109%	4.4%	75 - 125	mg/kg
Lead, Pb	**52.6**	50.0	ND	105%	2.3%	75 - 125	mg/kg
Selenium, Se	**175**	200	ND	88%	1.8%	75 - 125	mg/kg
Zinc, Zn	**51.3**	50.0	ND	103%	8.3%	75 - 125	mg/kg

ND= Not Detected

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050702** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160507-BLK2**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050702** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160507-LCS2**						
Barium, Ba	**222**	200	ND	111%		75 - 125	mg/kg
Cobalt, Co	**59.3**	50.0	ND	119%		75 - 125	mg/kg
Lead, Pb	**54.9**	50.0	ND	110%		75 - 125	mg/kg
Selenium, Se	**182**	200	ND	91%		75 - 125	mg/kg
Zinc, Zn	**66.2**	50.0	ND	132%		75 - 125	mg/kg
LCSD:	**I160507-LCSD2**						
Barium, Ba	**210**	200	ND	105%	5.5%	75 - 125	mg/kg
Cobalt, Co	**55.8**	50.0	ND	112%	6.1%	75 - 125	mg/kg
Lead, Pb	**55.8**	50.0	ND	112%	1.6%	75 - 125	mg/kg
Selenium, Se	**186**	200	ND	93%	2.1%	75 - 125	mg/kg
Zinc, Zn	**59.9**	50.0	ND	120%	9.9%	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050901** **Prepared:** 5/9/2016 **Analyzed:** 5/10/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160509-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050901** **Prepared:** 5/9/2016 **Analyzed:** 5/10/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160509-LCS1**						
Barium, Ba	**210**	200	ND	105%		75 - 125	mg/kg
Cobalt, Co	**53.6**	50.0	ND	107%		75 - 125	mg/kg
Lead, Pb	**51.1**	50.0	ND	102%		75 - 125	mg/kg
Selenium, Se	**181**	200	ND	91%		75 - 125	mg/kg
Zinc, Zn	**58.3**	50.0	ND	117%		75 - 125	mg/kg
LCSD:	**I160509-LCSD1**						
Barium, Ba	**213**	200	ND	106%	1.3%	75 - 125	mg/kg
Cobalt, Co	**54.6**	50.0	ND	109%	1.9%	75 - 125	mg/kg
Lead, Pb	**51.4**	50.0	ND	103%	0.6%	75 - 125	mg/kg
Selenium, Se	**184**	200	ND	92%	1.4%	75 - 125	mg/kg
Zinc, Zn	**58.8**	50.0	ND	118%	0.8%	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **H16050702** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160507-BLK2**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160507-LCS2**						
Mercury, Hg	**0.87**	1.00	ND	87%		75 - 125	mg/kg
LCSD:	**H160507-LCSD2**						
Mercury, Hg	**0.85**	1.00	ND	85%	**1.9%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **H16050703** **Prepared:** 5/7/2016 **Analyzed:** 5/9/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160507-BLK3**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160507-LCS3**						
Mercury, Hg	**0.73**	1.00	ND	73%		75 - 125	mg/kg
LCSD:	**H160507-LCSD3**						
Mercury, Hg	**0.78**	1.00	ND	78%	**6.2%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9293
	Santa Clarita, CA 91355	**Client Ref. No.:**	10/4/1930
Attn:	Robin Ferber	**Date Sampled:**	5/4-5/2016
		Date Received:	5/5/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-11/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **H16050901** **Prepared:** 5/9/2016 **Analyzed:** 5/11/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160509-BLK1**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160509-LCS1**						
Mercury, Hg	**1.03**	1.00	ND	103%		75 - 125	mg/kg
LCSD:	**H160509-LCSD1**						
Mercury, Hg	**1.04**	1.00	ND	104%	**1.0%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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Chain-of-Custody Record

Client: Leighton + Associates

Project Name: SJ4 Burbank

Project Address: 777 N. Front Street, Burbank, CA

Project Contact: Robin Ferber

Date: 5-5-16

Client Project #: 11235.002

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☑ Normal
- ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
- ☐ n-propanol
- ☐ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ______

JEL Project #: ST-9293

Page 1 of 5

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs - 8260B	TPH-cc - 8015M	CAM-17 Metals - 6010/7471		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
A5-1.25'			5-4-16	1510		ST-9293-01	S	X	X	X			4	
A5-4.5'			"	1520		ST-9293-02	↓	↓	↓	↓			↓	
A5B-1'			"	1540		ST-9293-03								
A5B-4.5'			"	1543		ST-9293-04								
A5B-8.5'			"	1545		ST-9293-05								
A5B-14.5'			"	1548		ST-9293-06								
A5B-20.5'			"	1552		ST-9293-07								
A6-1'			5-5-16	1020		ST-9293-08								
A6-4.5'			"	1027		ST-9293-09								
A6-8.5'			"	1035		ST-9293-10	↓	↓	↓	↓			↓	

❶ Relinquished by (signature) [signature]	Date 5-5-16	❷ Received by (signature) [signature]	Date 5/5/16
Company Leighton + Associates	Time 1505	Company JEL	Time 15:05
❸ Relinquished by (signature) [signature]	Date 5/5/16	❹ Received by Laboratory (signature) [signature]	Date 5-5-16
Company JEL	Time 17:30	Company Jones Environmental Inc	Time 17:30

Total Number of Containers: 40

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

☐ EDD ☐ EDF

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Chain-of-Custody Record

Client: Leighton + Associates

Project Name: SJ4 Burbank

Project Address: 777 N. Front Street, Burbank, CA

Project Contact: Robin Ferber

Date: 5-5-16

Client Project #: 11275.002

Turn Around Requested:
☐ Immediate Attention
Rush: ☐ 24 ☐ 48 ☐ 72
☑ Normal
☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ________ cc/min
Shut in Test Y / N
Tracer:
☐ n-propanol
☐ n-pentane
☐ 1,1-DFA
☐ Helium
☐ ________

Analysis Requested

JEL Project #: ST-9293

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Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs - 8260B	TPH-cc-8015M	CAM-17Metals-6010/7471	Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
A6-14.5'			5-5-16	1038		ST-9293-11	S	X	X	X		4	
A6-20.5'			"	1044		ST-9293-12							
A6-20.5'-D			"	1044		ST-9293-13							
A7-1'			"	1114		ST-9293-14							
A7-3.5'			"	1116		ST-9293-15							
A7-8.5'			"	1120		ST-9293-16							
A7-14.5'			"	1124		ST-9293-17							
A7-20.5'			"	1127		ST-9293-18							
A8-1'			"	1238		ST-9293-19							
A8-4.5'			"	1242		ST-9293-20							

Total Number of Containers: 40

❶ Relinquished by (signature): [signature]	Date: 5-5-16	❷ Received by (signature): [signature]	Date: 5/5/16
Company: Leighton + Associates	Time: 1505	Company: JEL	Time: 15:05
❸ Relinquished by (signature): [signature]	Date: 5/5/16	❹ Received by Laboratory (signature): [signature]	Date: 5/5/16
Company: JEL	Time: 17:30	Company: Jones Environmental Inc	Time: 19:30

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Chain-of-Custody Record

Client: Leighton + Associates

Project Name: SJ4 Burbank

Project Address: 777 N. Front Street, Burbank, CA

Project Contact: Robin Ferber

Date: 5-5-16

Client Project #: H235.002

Turn Around Requested:
☐ Immediate Attention
Rush: ☐ 24 ☐ 48 ☐ 72
☑ Normal
☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
☐ n-propanol
☐ n-pentane
☐ 1,1-DFA
☐ Helium
☐ ______

JEL Project #: ST-9293

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Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs - 8260B	TPH-cc-8015M	CAM-17 Metals - 6010/7471		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
A8-8.5'			5-5-16	1247 5-5-16 ~~1217~~		ST-9293-21	S	X	X	X			4	
A8-14.5'				1249		ST-9293-22								
A8-20.5'				1252		ST-9293-23								
A9-1'				1316		ST-9293-24								
A9-4.5'				1319		ST-9293-25								
A9-8.5'				1322		ST-9293-26								
A9-14.5'				1325		ST-9293-27								
A9-20.5'				1328		ST-9293-28								
A9-20.5'-D				1328		ST-9293-29								
A9-25.5'				1331		ST-9293-30								

① Relinquished by (signature)	Date 5-5-16	② Received by (signature)	Date 5/5/16	40	**Total Number of Containers**
Company Leighton + Associates	Time 1505	Company JEL	Time 15:05		
③ Relinquished by (signature)	Date 5/5/16	④ Received by Laboratory (signature)	Date 5/5/16		
Company JEL	Time 17:30	Company Jones Environmental Inc	Time 17:30		

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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Chain-of-Custody Record

Client: Leighton Associates

Project Name: SJH Burbank

Project Address: 777 N. Front Street, Burbank, CA

Project Contact: Robin Ferber

Date: 5-5-16

Client Project #: 11235.002

Turn Around Requested:
❑ Immediate Attention
Rush: ❑ 24 ❑ 48 ❑ 72
☑ Normal
❑ Mobile Lab

SOIL GAS
Purge Number: ❑ 1P ❑ 3P ❑ 7P ❑ 10P
Purge Rate: ________ cc/min
Shut in Test Y / N
Tracer:
❑ n-propanol
❑ n-pentane
❑ 1,1-DFA
❑ Helium
❑ ________

JEL Project #: ST-9293

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Lab Use Only
Sample Condition as Received:
Chilled ❑ yes ❑ no
Sealed ❑ yes ❑ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOC-8260B	TPH-cc-8015M	CAM17 Metals-6010/7471	Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
A9-30.5'			5-5-16	1335		ST-9293-31	S	X	X	X		4	
A10-1'				1404		ST-9293-32							
A10-14.5'				1410		ST-9293-33							
A10-20.5'				1420		ST-9293-34							
A10-25.5'				1425		ST-9293-35							
A10-30.5'				1430		ST-9293-36							
LB4-1'				0925		ST-9293-37							
LB4-4.5'				0930		ST-9293-38							
LB4-8.5'				0940		ST-9293-39							
LB4-14.5'				0945		ST-9293-40							

❶ Relinquished by (signature) [signature]	Date 5-5-16	❷ Received by (signature) [signature]	Date 5/5/16	40	**Total Number of Containers**
Company Leighton Associates	Time 1505	Company JEL	Time 15:05		
❸ Relinquished by (signature) [signature]	Date 5/5/16	❹ Received by Laboratory (signature) [signature]	Date 5-5-16		
Company JEL	Time 17:30	Company Jones Environmental Inc	Time 17:30		

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

❑ EDD ❑ EDF

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Chain-of-Custody Record

Client: Leighton+Associates

Project Name: SJ4 Burbank

Project Address: 777 N. Front Street, Burbank, CA

Project Contact: Robin Ferber

Date: 5-5-16

Client Project #: 11235.002

Turn Around Requested:
- ❑ Immediate Attention
- Rush: ❑ 24 ❑ 48 ❑ 72
- ☑ Normal
- ❑ Mobile Lab

SOIL GAS

Purge Number: ❑ 1P ❑ 3P ❑ 7P ❑ 10P

Purge Rate: ______ cc/min

Shut in Test Y / N

Tracer:
- ❑ n-propanol
- ❑ n-pentane
- ❑ 1,1-DFA
- ❑ Helium
- ❑ ______

JEL Project #: ST-9293

Page 5 of 5

Lab Use Only

Sample Condition as Received:
Chilled ❑ yes ❑ no
Sealed ❑ yes ❑ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs-8260B	TPH-cc-8015M	CAM-17 Metals-6010/7471		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
LB4-20.5'			5-5-16	0948		ST-9293-41	S	X	X	X			4	
LB6-1'				0831		ST-9293-42								
LB6-5'				0840		ST-9293-43								
LB6-11'				0845		ST-9293-44								
LB6-17'				0850		ST-9293-45								

❶ Relinquished by (signature)	Date 5-5-16	❷ Received by (signature)	Date 5/5/16
Company Leighton + Associates	Time 1505	Company JEL	Time 15:05
❸ Relinquished by (signature)	Date 5/5/16	❹ Received by Laboratory (signature)	Date
Company JEL	Time 17:30	Company Jones Environmental Inc	Time

Total Number of Containers: 20

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

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JONES ENVIRONMENTAL
LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-13/2016
Project Address:	777 N. Front St. Burbank, CA	**Physical State:**	Soil

ANALYSES REQUESTED

1. EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil
2. EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics
3. EPA 6010B by 3050B and EPA 7471A – CAM 17 Metals

Approval: ______________________

Steve Jones, Ph.D.
Laboratory Manager

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	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A11-1'**	**A11-4.5'**	**A11-8.5'**	**A11-8.5'-D**	**A11-14.5'**		
JEL ID:	**ST-9297-01**	**ST-9297-02**	**ST-9297-03**	**ST-9297-04**	**ST-9297-05**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	105%	97%	82%	95%	103%	30 - 120	
Batch ID:	8015_ 160509_02	8015_ 160510_03	8015_ 160510_03	8015_ 160509_02	8015_ 160509_02		

ND = Not Detected

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A11-20.5'**	**A12-1'**	**A12-5'**	**A12-11'**	**A12-17'**		
JEL ID:	**ST-9297-06**	**ST-9297-07**	**ST-9297-08**	**ST-9297-09**	**ST-9297-10**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	79%	96%	94%	94%	101%	30 - 120	
Batch ID:	8015_ 160509_02	8015_ 160509_02	8015_ 160510_03	8015_ 160509_02	8015_ 160509_02		

ND = Not Detected

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JONES ENVIRONMENTAL
LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**A13-1'**	**A13-5'**	**A13-11'**	**A13-17'**	**B11-1'**		
JEL ID:	**ST-9297-11**	**ST-9297-12**	**ST-9297-13**	**ST-9297-14**	**ST-9297-15**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	91%	97%	79%	99%	85%	30 - 120	
Batch ID:	8015_ 160509_02	8015_ 160509_02	8015_ 160509_02	8015_ 160509_02	8015_ 160510_03		

ND = Not Detected

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	Santa Clarita, CA 91355		**Client Ref No.:**	11235.002
Attn:	Robin Ferber		**Date Sampled:**	5/5-6/2016
			Date Received:	5/6/2016
Project:	SJ4 Burbank		**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street		**Physical State:**	Soil
	Burbank, CA			

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B11-4.5'**	**B11-8.5'**	**B11-14.5'**	**B11-20.5'**	**B12-1'**		
JEL ID:	**ST-9297-16**	**ST-9297-17**	**ST-9297-18**	**ST-9297-19**	**ST-9297-20**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	48%	70%	99%	70%	96%	30 - 120	
Batch ID:	8015_ 160510_03	8015_ 160510_03	8015_ 160509_02	8015_ 160510_03	8015_ 160509_02		

ND = Not Detected

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	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B12-5'**	**B12-5'D**	**B12-11'**	**B12-17'**	**B13-1'**		
JEL ID:	**ST-9297-21**	**ST-9297-22**	**ST-9297-23**	**ST-9297-24**	**ST-9297-25**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	81%	47%	51%	64%	48%	30 - 120	
Batch ID:	8015_ 160510_03	8015_ 160510_01	8015_ 160510_01	8015_ 160510_01	8015_ 160510_01		

ND = Not Detected

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	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B13-5'**	**B13-11'**	**B13-17'**	**B14-1'**	**B14-5'**		
JEL ID:	**ST-9297-26**	**ST-9297-27**	**ST-9297-28**	**ST-9297-29**	**ST-9297-30**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	57%	97%	94%	65%	50%	30 - 120	
Batch ID:	8015_ 160510_01	8015_ 160510_03	8015_ 160511_01	8015_ 160510_01	8015_ 160510_01		

ND = Not Detected

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LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**B14-11'**	**B14-17'**	**B15-1'**	**B15-4'**	**B15-5'**		
JEL ID:	**ST-9297-31**	**ST-9297-32**	**ST-9297-33**	**ST-9297-34**	**ST-9297-35**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	84%	96%	63%	83%	40%	30 - 120	
Batch ID:	8015_ 160511_01	8015_ 160511_01	8015_ 160510_01	8015_ 160511_01	8015_ 160510_01		

ND = Not Detected

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LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**LB1-1'**	**LB1-4.5'**	**LB1-8.5'**	**LB1-14.5'**	**LB1-20.5'**		
JEL ID:	**ST-9297-36**	**ST-9297-37**	**ST-9297-38**	**ST-9297-39**	**ST-9297-40**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	72%	48%	73%	68%	63%	30 - 120	
Batch ID:	8015_ 160510_02	8015_ 160511_01	8015_ 160511_01	8015_ 160511_01	8015_ 160510_01		

ND = Not Detected

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JONES ENVIRONMENTAL
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Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**LB2-1'**	**LB2-4.5'**	**LB2-8.5'**	**LB2-14.5'**	**LB2-20.5'**		
JEL ID:	**ST-9297-41**	**ST-9297-42**	**ST-9297-43**	**ST-9297-44**	**ST-9297-45**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	**66.6**	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	**128**	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	46%	60%	91%	79%	92%	30 - 120	
Batch ID:	8015_160510_02	8015_160510_02	8015_160510_02	8015_160511_01	8015_160511_01		

ND = Not Detected

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	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**LB3-1'**	**LB3-1'-D**	**LB3-4.5'**	**LB3-8.5'**	**LB3-14.5'**		
JEL ID:	**ST-9297-46**	**ST-9297-47**	**ST-9297-48**	**ST-9297-49**	**ST-9297-50**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	**22.5**	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	**42.1**	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	60%	84%	82%	70%	57%	30 - 120	
Batch ID:	8015_ 160510_02	8015_ 160511_01	8015_ 160511_01	8015_ 160510_02	8015_ 160510_02		

ND = Not Detected

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	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**LB3-20.5'**	**LB7-1'**	**LB7-5'**	**LB7-11'**	**LB7-17'**		
JEL ID:	**ST-9297-51**	**ST-9297-52**	**ST-9297-53**	**ST-9297-54**	**ST-9297-55**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	111%	94%	83%	59%	98%	30 - 120	
Batch ID:	8015_ 160511_01	8015_ 160511_01	8015_ 160511_01	8015_ 160510_02	8015_ 160511_01		

ND = Not Detected

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LABORATORY RESULTS

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	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**LB8-1'**	**LB8-5'**	**LB8-11'**	**LB8-17'**		
JEL ID:	**ST-9297-56**	**ST-9297-57**	**ST-9297-58**	**ST-9297-59**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range						
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1		
Surrogate Recovery:					**QC Limits**	
Hexacosane	48%	40%	48%	89%	30 - 120	
Batch ID:	8015_ 160510_02	8015_ 160510_02	8015_ 160510_02	8015_ 160510_02		

ND = Not Detected

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QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.		**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G		**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355		**Client Ref No.:**	11235.002
Attn:	Robin Ferber		**Date Sampled:**	5/5-6/2016
			Date Received:	5/6/2016
Project:	SJ4 Burbank		**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street		**Physical State:**	Soil
	Burbank, CA			

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**MB-160509_02**	**MB-160510_01**	**MB-160510_02**	**MB-160510_03**	**MB-160511_01**	**Practical Quantitation Limit**	**Units**
Carbon Chain Range							
Diesel Range Organics (C10-C28)	ND	ND	ND	ND	ND	10.0	mg/kg
Oil Range Organics (C29-C32)	ND	ND	ND	ND	ND	10.0	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recovery:						**QC Limits**	
Hexacosane	114%	84%	96%	87%	91%	30 - 120	
Batch ID:	8015_160509_02	8015_160510_01	8015_160510_02	8015_160510_03	8015_160511_01		

ND = Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160509_02 **Prepared:** 5/9/2016 **Analyzed:** 5/12/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160509_02	**SAMPLE SPIKED:**		CLEAN SOIL			
Analyte:							
Diesel	**613**	600	ND	102%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				129%		30 - 120	
LCSD:	LCSD-160509_02	**SAMPLE SPIKED:**		CLEAN SOIL			
Analyte:							
Diesel	**634**	600	ND	106%	3.4%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				120%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160510_01 **Prepared:** 5/10/2016 **Analyzed:** 5/10/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160510_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**399**	600	ND	67%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				70%		30 - 120	
LCSD:	LCSD-160510_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**437**	600	ND	73%	9.1%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				62%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160510_02 **Prepared:** 5/10/2016 **Analyzed:** 5/11/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160510_02		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**382**	600	ND	64%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				71%		30 - 120	
LCSD:	LCSD-160510_02		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**421**	600	ND	70%	9.7%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				87%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160510_03 **Prepared:** 5/10/2016 **Analyzed:** 5/11/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160510_03	**SAMPLE SPIKED:**		CLEAN SOIL			
Analyte:							
Diesel	**541**	600	ND	90%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				112%		30 - 120	
LCSD:	LCSD-160510_03	**SAMPLE SPIKED:**		CLEAN SOIL			
Analyte:							
Diesel	**503**	600	ND	84%	7.3%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				103%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/9-13/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: 8015_160511_01 **Prepared:** 5/11/2016 **Analyzed:** 5/11/2016

EPA 8015M – Semivolatile Hydrocarbons as Diesel & Oil

	Result	Spike Level	Source Result	% Recovery	% RPD	% Recovery Limits	Units
LCS:	LCS-160511_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**547**	600	ND	91%		60 - 140	mg/kg
Surrogate Recovery:							
Hexacosane				103%		30 - 120	
LCSD:	LCSD-160511_01		**SAMPLE SPIKED:**		CLEAN SOIL		
Analyte:							
Diesel	**595**	600	ND	99%	8.4%	60 - 140	mg/kg
Surrogate Recoveries:							
Hexacosane				116%		30 - 120	

LCS = Laboratory Control Sample
RPD = Relative Percent Difference

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A11-1'**	**A11-4.5'**	**A11-8.5'**	**A11-8.5'-D**	**A11-14.5'**		
JEL ID:	**ST-9297-01**	**ST-9297-02**	**ST-9297-03**	**ST-9297-04**	**ST-9297-05**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	A11-1'	A11-4.5'	A11-8.5'	A11-8.5'-D	A11-14.5'		
JEL ID:	ST-9297-01	ST-9297-02	ST-9297-03	ST-9297-04	ST-9297-05	Practical Quantitation Limit	Units
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	107%	111%	111%	106%	109%	60 - 140	
Toluene-d_8	98%	99%	100%	97%	99%	60 - 140	
4-Bromofluorobenzene	96%	105%	105%	104%	107%	60 - 140	
	VOC3-050716-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A11-20.5'**	**A12-1'**	**A12-5'**	**A12-11'**	**A12-17'**		
JEL ID:	**ST-9297-06**	**ST-9297-07**	**ST-9297-08**	**ST-9297-09**	**ST-9297-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**A11-20.5'**	**A12-1'**	**A12-5'**	**A12-11'**	**A12-17'**		
JEL ID:	**ST-9297-06**	**ST-9297-07**	**ST-9297-08**	**ST-9297-09**	**ST-9297-10**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	ND	ND	ND	ND	ND	1.0	μg/kg
Toluene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	109%	110%	110%	104%	102%	60 - 140	
Toluene-d_8	101%	99%	99%	97%	96%	60 - 140	
4-Bromofluorobenzene	104%	105%	106%	65%	74%	60 - 140	
	VOC3-050716-CHECKS	VOC3-050916-CHECKS	VOC3-050916-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	A13-1'	A13-5'	A13-11'	A13-17'	B11-1'		
JEL ID:	ST-9297-11	ST-9297-12	ST-9297-13	ST-9297-14	ST-9297-15	Practical Quantitation Limit	Units
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	A13-1'	A13-5'	A13-11'	A13-17'	B11-1'		
JEL ID:	ST-9297-11	ST-9297-12	ST-9297-13	ST-9297-14	ST-9297-15	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	ND	ND	ND	ND	ND	1.0	μg/kg
Toluene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	104%	110%	107%	105%	108%	60 - 140	
Toluene-d_8	97%	101%	98%	97%	97%	60 - 140	
4-Bromofluorobenzene	97%	102%	97%	100%	102%	60 - 140	
	VOC3-050716-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B11-4.5'**	**B11-8.5'**	**B11-14.5'**	**B11-20.5'**	**B12-1'**		
JEL ID:	**ST-9297-16**	**ST-9297-17**	**ST-9297-18**	**ST-9297-19**	**ST-9297-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B11-4.5'**	**B11-8.5'**	**B11-14.5'**	**B11-20.5'**	**B12-1'**		
JEL ID:	**ST-9297-16**	**ST-9297-17**	**ST-9297-18**	**ST-9297-19**	**ST-9297-20**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	**7.3**	**2.4**	ND	ND	**22.8**	1.0	μg/kg
Toluene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	ND	**1.6**	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	108%	107%	107%	109%	60 - 140	
Toluene-d_8	96%	98%	95%	99%	99%	60 - 140	
4-Bromofluorobenzene	99%	99%	98%	101%	98%	60 - 140	
	VOC3-050716-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS	VOC3-050716-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B12-5'**	**B12-5'D**	**B12-11'**	**B12-17'**	**B13-1'**		
JEL ID:	**ST-9297-21**	**ST-9297-22**	**ST-9297-23**	**ST-9297-24**	**ST-9297-25**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B12-5'**	**B12-5'D**	**B12-11'**	**B12-17'**	**B13-1'**		
JEL ID:	**ST-9297-21**	**ST-9297-22**	**ST-9297-23**	**ST-9297-24**	**ST-9297-25**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**2.4**	**2.8**	**1.3**	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	111%	110%	109%	108%	113%	60 - 140	
Toluene-d_8	100%	98%	99%	99%	103%	60 - 140	
4-Bromofluorobenzene	103%	103%	101%	101%	105%	60 - 140	
	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B13-5'**	**B13-11'**	**B13-17'**	**B14-1'**	**B14-5'**		
JEL ID:	**ST-9297-26**	**ST-9297-27**	**ST-9297-28**	**ST-9297-29**	**ST-9297-30**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B13-5'**	**B13-11'**	**B13-17'**	**B14-1'**	**B14-5'**		
JEL ID:	**ST-9297-26**	**ST-9297-27**	**ST-9297-28**	**ST-9297-29**	**ST-9297-30**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**2.1**	**1.2**	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	109%	108%	109%	107%	110%	60 - 140	
Toluene-d_8	100%	100%	102%	97%	99%	60 - 140	
4-Bromofluorobenzene	101%	101%	103%	99%	102%	60 - 140	
	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B14-11'**	**B14-17'**	**B15-1'**	**B15-4'**	**B15-5'**		
JEL ID:	**ST-9297-31**	**ST-9297-32**	**ST-9297-33**	**ST-9297-34**	**ST-9297-35**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**B14-11'**	**B14-17'**	**B15-1'**	**B15-4'**	**B15-5'**		
JEL ID:	**ST-9297-31**	**ST-9297-32**	**ST-9297-33**	**ST-9297-34**	**ST-9297-35**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	**3.0**	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	**1.8**	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	112%	115%	104%	112%	108%	60 - 140	
Toluene-d_8	101%	106%	97%	101%	101%	60 - 140	
4-Bromofluorobenzene	105%	110%	105%	106%	112%	60 - 140	
	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2		

ND= Not Detected

JONES ENVIRONMENTAL, INC.

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB1-1'**	**LB1-4.5'**	**LB1-8.5'**	**LB1-14.5'**	**LB1-20.5'**		
JEL ID:	**ST-9297-36**	**ST-9297-37**	**ST-9297-38**	**ST-9297-39**	**ST-9297-40**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB1-1'**	**LB1-4.5'**	**LB1-8.5'**	**LB1-14.5'**	**LB1-20.5'**		
JEL ID:	**ST-9297-36**	**ST-9297-37**	**ST-9297-38**	**ST-9297-39**	**ST-9297-40**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**2.9**	**1.6**	**1.8**	ND	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	106%	106%	109%	110%	109%	60 - 140	
Toluene-d_8	96%	99%	100%	101%	100%	60 - 140	
4-Bromofluorobenzene	98%	99%	107%	102%	104%	60 - 140	
	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_2		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB2-1'**	**LB-4.5'**	**LB2-8.5'**	**LB2-14.5'**	**LB2-20.5'**		
JEL ID:	**ST-9297-41**	**ST-9297-42**	**ST-9297-43**	**ST-9297-44**	**ST-9297-45**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB2-1'**	**LB-4.5'**	**LB2-8.5'**	**LB2-14.5'**	**LB2-20.5'**		
JEL ID:	**ST-9297-41**	**ST-9297-42**	**ST-9297-43**	**ST-9297-44**	**ST-9297-45**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**28.0**	**2.2**	**2.2**	**5.5**	**25.9**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	**1.4**	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	109%	108%	110%	111%	111%	60 - 140	
Toluene-d_8	97%	99%	101%	99%	99%	60 - 140	
4-Bromofluorobenzene	99%	102%	103%	97%	104%	60 - 140	
	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB3-1'**	**LB3-1'-D**	**LB3-4.5'**	**LB3-8.5'**	**LB3-14.5'**		
JEL ID:	**ST-9297-46**	**ST-9297-47**	**ST-9297-48**	**ST-9297-49**	**ST-9297-50**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB3-1'**	**LB3-1'-D**	**LB3-4.5'**	**LB3-8.5'**	**LB3-14.5'**		
JEL ID:	**ST-9297-46**	**ST-9297-47**	**ST-9297-48**	**ST-9297-49**	**ST-9297-50**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**43.9**	**46.7**	**19.6**	**8.2**	**89.4**	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	109%	110%	105%	109%	108%	60 - 140	
Toluene-d_8	99%	98%	95%	99%	98%	60 - 140	
4-Bromofluorobenzene	100%	104%	101%	98%	102%	60 - 140	
	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB3-20.5'**	**LB7-1'**	**LB7-5'**	**LB7-11'**	**LB7-17'**		
JEL ID:	**ST-9297-51**	**ST-9297-52**	**ST-9297-53**	**ST-9297-54**	**ST-9297-55**	**Practical Quantitation Limit**	**Units**
Analytes:							
Benzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB3-20.5'**	**LB7-1'**	**LB7-5'**	**LB7-11'**	**LB7-17'**		
JEL ID:	**ST-9297-51**	**ST-9297-52**	**ST-9297-53**	**ST-9297-54**	**ST-9297-55**	**Practical Quantitation Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**28.2**	**3.5**	ND	**1.0**	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	ND	ND	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	110%	110%	110%	110%	108%	60 - 140	
Toluene-d_8	98%	98%	100%	99%	97%	60 - 140	
4-Bromofluorobenzene	102%	100%	102%	102%	101%	60 - 140	
	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3		

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	LB8-1'	LB8-5'	LB8-11'	LB8-17'		
JEL ID:	ST-9297-56	ST-9297-57	ST-9297-58	ST-9297-59	Practical Quantitation Limit	Units
Analytes:						
Benzene	ND	ND	ND	ND	1.0	µg/kg
Bromobenzene	ND	ND	ND	ND	1.0	µg/kg
Bromodichloromethane	ND	ND	ND	ND	1.0	µg/kg
Bromoform	ND	ND	ND	ND	1.0	µg/kg
n-Butylbenzene	ND	ND	ND	ND	1.0	µg/kg
sec-Butylbenzene	ND	ND	ND	ND	1.0	µg/kg
tert-Butylbenzene	ND	ND	ND	ND	1.0	µg/kg
Carbon tetrachloride	ND	ND	ND	ND	1.0	µg/kg
Chlorobenzene	ND	ND	ND	ND	1.0	µg/kg
Chloroform	ND	ND	ND	ND	1.0	µg/kg
2-Chlorotoluene	ND	ND	ND	ND	1.0	µg/kg
4-Chlorotoluene	ND	ND	ND	ND	1.0	µg/kg
Dibromochloromethane	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	1.0	µg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	1.0	µg/kg
Dibromomethane	ND	ND	ND	ND	1.0	µg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	1.0	µg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	1.0	µg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	5.0	µg/kg
1,1-Dichloroethane	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloroethane	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloroethene	ND	ND	ND	ND	1.0	µg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	1.0	µg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	1.0	µg/kg
1,2-Dichloropropane	ND	ND	ND	ND	1.0	µg/kg
1,3-Dichloropropane	ND	ND	ND	ND	1.0	µg/kg
2,2-Dichloropropane	ND	ND	ND	ND	1.0	µg/kg
1,1-Dichloropropene	ND	ND	ND	ND	1.0	µg/kg

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**LB8-1'**	**LB8-5'**	**LB8-11'**	**LB8-17'**		
JEL ID:	**ST-9297-56**	**ST-9297-57**	**ST-9297-58**	**ST-9297-59**	**Practical Quantitation Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	1.0	µg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	1.0	µg/kg
Ethylbenzene	ND	ND	ND	ND	1.0	µg/kg
Freon 113	ND	ND	ND	ND	5.0	µg/kg
Hexachlorobutadiene	ND	ND	ND	ND	1.0	µg/kg
Isopropylbenzene	ND	ND	ND	ND	1.0	µg/kg
4-Isopropyltoluene	ND	ND	ND	ND	1.0	µg/kg
Methylene chloride	ND	ND	ND	ND	1.0	µg/kg
Naphthalene	ND	ND	ND	ND	1.0	µg/kg
n-Propylbenzene	ND	ND	ND	ND	1.0	µg/kg
Styrene	ND	ND	ND	ND	1.0	µg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	1.0	µg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	1.0	µg/kg
Tetrachloroethylene	**187**	**21.5**	**3.0**	ND	1.0	µg/kg
Toluene	ND	ND	ND	ND	1.0	µg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	1.0	µg/kg
1,1,1-Trichloroethane	**20.9**	**4.1**	ND	ND	1.0	µg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	1.0	µg/kg
Trichloroethylene	**1.7**	ND	ND	ND	1.0	µg/kg
Trichlorofluoromethane	ND	ND	ND	ND	5.0	µg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	1.0	µg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	1.0	µg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	1.0	µg/kg
Vinyl chloride	ND	ND	ND	ND	1.0	µg/kg
Xylenes	ND	ND	ND	ND	1.0	µg/kg
MTBE	ND	ND	ND	ND	5.0	µg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	5.0	µg/kg
Di-isopropylether	ND	ND	ND	ND	5.0	µg/kg
tert-amylmethylether	ND	ND	ND	ND	5.0	µg/kg
tert-Butylalcohol	ND	ND	ND	ND	50.0	µg/kg
Gasoline Range Organics	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	110%	109%	112%	108%	60 - 140	
Toluene-d_8	97%	97%	100%	97%	60 - 140	
4-Bromofluorobenzene	96%	101%	103%	102%	60 - 140	
	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3	VOC3-050716-CHECKS_3		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**ST-9297-60**	**ST-9297-64**	**ST-9297-68**	**ST-9297-72**	**Practical Quantitation Limit**	**Units**
Analytes:						
Benzene	ND	ND	ND	ND	1.0	μg/kg
Bromobenzene	ND	ND	ND	ND	1.0	μg/kg
Bromodichloromethane	ND	ND	ND	ND	1.0	μg/kg
Bromoform	ND	ND	ND	ND	1.0	μg/kg
n-Butylbenzene	ND	ND	ND	ND	1.0	μg/kg
sec-Butylbenzene	ND	ND	ND	ND	1.0	μg/kg
tert-Butylbenzene	ND	ND	ND	ND	1.0	μg/kg
Carbon tetrachloride	ND	ND	ND	ND	1.0	μg/kg
Chlorobenzene	ND	ND	ND	ND	1.0	μg/kg
Chloroform	ND	ND	ND	ND	1.0	μg/kg
2-Chlorotoluene	ND	ND	ND	ND	1.0	μg/kg
4-Chlorotoluene	ND	ND	ND	ND	1.0	μg/kg
Dibromochloromethane	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	1.0	μg/kg
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	1.0	μg/kg
Dibromomethane	ND	ND	ND	ND	1.0	μg/kg
1,2- Dichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
1,4-Dichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
Dichlorodifluoromethane	ND	ND	ND	ND	5.0	μg/kg
1,1-Dichloroethane	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloroethane	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloroethene	ND	ND	ND	ND	1.0	μg/kg
cis-1,2-Dichloroethene	ND	ND	ND	ND	1.0	μg/kg
trans-1,2-Dichloroethene	ND	ND	ND	ND	1.0	μg/kg
1,2-Dichloropropane	ND	ND	ND	ND	1.0	μg/kg
1,3-Dichloropropane	ND	ND	ND	ND	1.0	μg/kg
2,2-Dichloropropane	ND	ND	ND	ND	1.0	μg/kg
1,1-Dichloropropene	ND	ND	ND	ND	1.0	μg/kg

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**	**METHOD BLANK**		
JEL ID:	**ST-9297-60**	**ST-9297-64**	**ST-9297-68**	**ST-9297-72**	**Practical Quantitation Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	1.0	μg/kg
trans-1,3-Dichloropropene	ND	ND	ND	ND	1.0	μg/kg
Ethylbenzene	ND	ND	ND	ND	1.0	μg/kg
Freon 113	ND	ND	ND	ND	5.0	μg/kg
Hexachlorobutadiene	ND	ND	ND	ND	1.0	μg/kg
Isopropylbenzene	ND	ND	ND	ND	1.0	μg/kg
4-Isopropyltoluene	ND	ND	ND	ND	1.0	μg/kg
Methylene chloride	ND	ND	ND	ND	1.0	μg/kg
Naphthalene	ND	ND	ND	ND	1.0	μg/kg
n-Propylbenzene	ND	ND	ND	ND	1.0	μg/kg
Styrene	ND	ND	ND	ND	1.0	μg/kg
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	1.0	μg/kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	1.0	μg/kg
Tetrachloroethylene	ND	ND	ND	ND	1.0	μg/kg
Toluene	ND	ND	ND	ND	1.0	μg/kg
1,2,3-Trichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trichlorobenzene	ND	ND	ND	ND	1.0	μg/kg
1,1,1-Trichloroethane	ND	ND	ND	ND	1.0	μg/kg
1,1,2-Trichloroethane	ND	ND	ND	ND	1.0	μg/kg
Trichloroethylene	ND	ND	ND	ND	1.0	μg/kg
Trichlorofluoromethane	ND	ND	ND	ND	5.0	μg/kg
1,2,3-Trichloropropane	ND	ND	ND	ND	1.0	μg/kg
1,2,4-Trimethylbenzene	ND	ND	ND	ND	1.0	μg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	1.0	μg/kg
Vinyl chloride	ND	ND	ND	ND	1.0	μg/kg
Xylenes	ND	ND	ND	ND	1.0	μg/kg
MTBE	ND	ND	ND	ND	5.0	μg/kg
Ethyl-tert-butylether	ND	ND	ND	ND	5.0	μg/kg
Di-isopropylether	ND	ND	ND	ND	5.0	μg/kg
tert-amylmethylether	ND	ND	ND	ND	5.0	μg/kg
tert-Butylalcohol	ND	ND	ND	ND	50.0	μg/kg
Gasoline Range Organics	ND	ND	ND	ND	0.20	mg/kg
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	108%	104%	106%	108%	60 - 140	
Toluene-d_8	99%	99%	98%	103%	60 - 140	
4-Bromofluorobenzene	103%	102%	101%	99%	60 - 140	
	VOC3-050716-CHECKS	VOC3-050716-CHECKS_2	VOC3-050716-CHECKS_3	VOC3-050916-CHECKS		

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050716-CHECKS

JEL ID:	**ST-9297-62**	**ST-9297-63**			**ST-9297-61**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	92%	81%	12%	60 - 140	90%	70 - 130
1,1-Dichloroethylene	115%	108%	6.1%	60 - 140	119%	70 - 130
Cis-1,2-Dichloroethene	102%	98%	4.7%	70 - 130	105%	70 - 130
1,1,1-Trichloroethane	118%	114%	3.0%	70 - 130	126%	70 - 130
Benzene	111%	108%	3.5%	70 - 130	116%	70 - 130
Trichloroethylene	113%	109%	3.7%	70 - 130	123%	70 - 130
Toluene	90%	83%	8.3%	70 - 130	95%	70 - 130
Tetrachloroethene	104%	93%	11%	70 - 130	109%	70 - 130
Chlorobenzene	110%	106%	3.9%	70 - 130	113%	70 - 130
Ethylbenzene	92%	83%	9.4%	70 - 130	96%	70 - 130
1,2,4 Trimethylbenzene	86%	80%	7.3%	70 - 130	89%	70 - 130
Gasoline Range Organics	95%	88%	6.9%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	60%	62%		60 - 140	60%	60 - 140
Toluene-d_8	98%	97%		60 - 140	97%	60 - 140
4-Bromofluorobenzene	133%	126%		60 - 140	129%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050716-CHECKS_2

JEL ID:	**ST-9297-66**	**ST-9297-67**			**ST-9297-65**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	91%	92%	0.3%	60 - 140	86%	70 - 130
1,1-Dichloroethylene	115%	108%	6.4%	60 - 140	118%	70 - 130
Cis-1,2-Dichloroethene	105%	100%	5.1%	70 - 130	106%	70 - 130
1,1,1-Trichloroethane	124%	118%	4.8%	70 - 130	123%	70 - 130
Benzene	119%	112%	6.6%	70 - 130	121%	70 - 130
Trichloroethylene	120%	115%	3.7%	70 - 130	118%	70 - 130
Toluene	96%	92%	4.3%	70 - 130	94%	70 - 130
Tetrachloroethene	95%	88%	7.1%	70 - 130	94%	70 - 130
Chlorobenzene	113%	108%	4.4%	70 - 130	112%	70 - 130
Ethylbenzene	96%	91%	5.4%	70 - 130	96%	70 - 130
1,2,4 Trimethylbenzene	96%	86%	11%	70 - 130	88%	70 - 130
Gasoline Range Organics	102%	95%	6.8%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	72%	79%		60 - 140	67%	60 - 140
Toluene-d_8	101%	96%		60 - 140	97%	60 - 140
4-Bromofluorobenzene	128%	127%		60 - 140	125%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050716-CHECKS_3

JEL ID:	**ST-9297-70**	**ST-9297-71**			**ST-9297-69**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	81%	90%	11%	60 - 140	88%	70 - 130
1,1-Dichloroethylene	105%	111%	5.6%	60 - 140	112%	70 - 130
Cis-1,2-Dichloroethene	99%	101%	2.2%	70 - 130	102%	70 - 130
1,1,1-Trichloroethane	112%	115%	2.7%	70 - 130	118%	70 - 130
Benzene	108%	113%	4.5%	70 - 130	117%	70 - 130
Trichloroethylene	113%	120%	5.8%	70 - 130	117%	70 - 130
Toluene	86%	89%	4.1%	70 - 130	90%	70 - 130
Tetrachloroethene	85%	88%	3.9%	70 - 130	90%	70 - 130
Chlorobenzene	106%	107%	1.1%	70 - 130	107%	70 - 130
Ethylbenzene	88%	87%	1.2%	70 - 130	91%	70 - 130
1,2,4 Trimethylbenzene	81%	84%	3.8%	70 - 130	84%	70 - 130
Gasoline Range Organics	91%	94%	2.9%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	66%	65%		60 - 140	66%	60 - 140
Toluene-d_8	97%	97%		60 - 140	95%	60 - 140
4-Bromofluorobenzene	131%	127%		60 - 140	136%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/12/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/7-9/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

EPA 8260B by 5035 – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample Spiked: CLEAN SOIL **GC#:** VOC3-050916-CHECKS

JEL ID:	**ST-9297-74**	**ST-9297-75**			**ST-9297-73**	
Parameter	MS Recovery (%)	MSD Recovery (%)	RPD	Acceptability Range (%)	LCS	Acceptability Range (%)
Vinyl Chloride	92%	92%	0.1%	60 - 140	101%	70 - 130
1,1-Dichloroethylene	121%	112%	8.1%	60 - 140	127%	70 - 130
Cis-1,2-Dichloroethene	102%	100%	1.8%	70 - 130	105%	70 - 130
1,1,1-Trichloroethane	125%	120%	3.8%	70 - 130	130%	70 - 130
Benzene	127%	116%	8.9%	70 - 130	125%	70 - 130
Trichloroethylene	121%	114%	5.5%	70 - 130	125%	70 - 130
Toluene	93%	90%	4.1%	70 - 130	96%	70 - 130
Tetrachloroethene	102%	93%	8.8%	70 - 130	106%	70 - 130
Chlorobenzene	107%	104%	3.1%	70 - 130	110%	70 - 130
Ethylbenzene	95%	92%	3.4%	70 - 130	84%	70 - 130
1,2,4 Trimethylbenzene	90%	84%	6.4%	70 - 130	91%	70 - 130
Gasoline Range Organics	101%	95%	5.9%	70 - 130		
Surrogate Recovery:						
Dibromofluoromethane	69%	66%		60 - 140	66%	60 - 140
Toluene-d_8	98%	94%		60 - 140	98%	60 - 140
4-Bromofluorobenzene	132%	134%		60 - 140	130%	60 - 140

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A11-1'** **JEL ID:** **ST-9297-01**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**196**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**106**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**9.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**62.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**161**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A11-4.5'** **JEL ID:** **ST-9297-02**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**126**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**21.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**22.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**47.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**49.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A11-8.5'** **JEL ID:** **ST-9297-03**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**205**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**31.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**22.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**67.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**73.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A11-8.5'-D** **JEL ID:** **ST-9297-04**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**123**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**10.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**19.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**23.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**13.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**42.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**44.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A11-14.5'** **JEL ID:** **ST-9297-05**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**183**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**60.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**66.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A11-20.5'** **JEL ID:** **ST-9297-06**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**155**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**21.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**26.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**49.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**56.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A12-1'** **JEL ID:** **ST-9297-07**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**228**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**33.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**38.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**25.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**6.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**72.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**90.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A12-5'** **JEL ID:** **ST-9297-08**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16050901	5/9/2016	5/10/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**246**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**20.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**37.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**45.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**27.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**75.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**79.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A12-11'** **JEL ID:** **ST-9297-09**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**241**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**20.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**35.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**42.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**25.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**77.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**84.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A12-17'** **JEL ID:** **ST-9297-10**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**226**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**33.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**67.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**71.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A13-1'** **JEL ID:** **ST-9297-11**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**210**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**36.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**66.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**77.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A13-5'** **JEL ID:** **ST-9297-12**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**248**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**21.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**35.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**41.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**27.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**75.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**81.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16050901	5/9/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **A13-11'** **JEL ID:** **ST-9297-13**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**211**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**33.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**22.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**68.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**76.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **A13-17'** **JEL ID:** **ST-9297-14**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**138**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**23.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**16.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**58.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**57.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B11-1'** **JEL ID:** **ST-9297-15**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**152**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**29.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**50.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**122**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **B11-4.5'** **JEL ID:** **ST-9297-16**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**206**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**64.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**77.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **B11-8.5'** **JEL ID:** **ST-9297-17**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**221**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**33.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**42.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**71.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**77.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B11-14.5'** **JEL ID:** **ST-9297-18**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**199**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**32.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**67.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**77.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B11-20.5'** **JEL ID:** **ST-9297-19**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**174**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**24.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**28.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**59.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**61.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B12-1'** **JEL ID:** **ST-9297-20**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**221**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**21.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**32.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**23.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**5.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**73.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**86.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B12-5'** **JEL ID:** **ST-9297-21**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**218**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**32.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**34.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**23.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**68.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**75.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **B12-5'D** **JEL ID:** **ST-9297-22**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**252**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**34.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**37.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.7**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**72.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**79.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B12-11'** **JEL ID:** **ST-9297-23**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**218**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**18.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**34.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**36.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**23.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**70.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**78.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B12-17'** **JEL ID:** **ST-9297-24**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**198**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**31.1**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**68.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**73.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B13-1'** **JEL ID:** **ST-9297-25**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**181**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**29.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**8.5**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**65.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**83.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B13-5'** **JEL ID:** **ST-9297-26**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**226**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**20.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**35.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**48.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**28.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**10.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**75.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**236**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **B13-11'** **JEL ID:** **ST-9297-27**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**226**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**20.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**32.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**37.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**71.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**82.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **B13-17'** **JEL ID:** **ST-9297-28**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051001	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**204**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**65.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**69.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B14-1'** **JEL ID:** **ST-9297-29**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**88.8**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**52.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**26.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**28.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**23.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**60.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B14-5'** **JEL ID:** **ST-9297-30**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**84.3**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**5.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**6.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**10.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**2.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	ND	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**38.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**21.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **B14-11'** **JEL ID:** **ST-9297-31**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**179**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**28.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**18.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**57.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**63.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B14-17'** **JEL ID:** **ST-9297-32**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**190**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**15.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**63.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B15-1'** **JEL ID:** **ST-9297-33**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**47.5**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**45.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**19.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**27.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**7.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**51.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**52.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051001	5/10/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B15-4'** **JEL ID:** **ST-9297-34**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**253**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**24.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**23.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**6.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**69.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**62.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.042**	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **B15-5'** **JEL ID:** **ST-9297-35**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**130**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**6.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**27.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**15.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**48.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**35.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB1-1'** **JEL ID:** **ST-9297-36**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**148**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**12.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**24.9**	1	"	"	"	0.5	mg/kg
Copper, Cu	**26.1**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**5.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**46.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**65.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB1-4.5'** **JEL ID:** **ST-9297-37**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**145**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**26.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**51.7**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**60.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB1-8.5'** **JEL ID:** **ST-9297-38**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**210**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**28.5**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**62.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**74.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB1-14.5'** **JEL ID:** **ST-9297-39**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**212**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.7**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**31.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**44.6**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**23.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**72.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**82.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB1-20.5'** **JEL ID:** **ST-9297-40**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**156**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**35.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**6.0**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**58.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.3**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.024**	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **LB2-1'** **JEL ID:** **ST-9297-41**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**59.5**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**4.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**7.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**9.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.8**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**37.5**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**27.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB2-4.5'** **JEL ID:** **ST-9297-42**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**246**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**19.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**8.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**17.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**8.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**1.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**83.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**58.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB2-8.5'** **JEL ID:** **ST-9297-43**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**188**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**27.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.9**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**65.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**71.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB2-14.5'** **JEL ID:** **ST-9297-44**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**191**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.2**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.7**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.6**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**64.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**68.6**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB2-20.5'** **JEL ID:** **ST-9297-45**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051002	5/10/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**250**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**21.6**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**32.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**44.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**25.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**73.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**83.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB3-1'** **JEL ID:** **ST-9297-46**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**146**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**11.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**26.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**64.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**15.6**	1	"	"	"	0.5	mg/kg
Lead, Pb	**40.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**41.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**985**	10	"	"	"	5.0	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB3-1'-D** **JEL ID:** **ST-9297-47**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**194**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**28.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**37.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.2**	1	"	"	"	0.5	mg/kg
Lead, Pb	**5.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**63.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**104**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB3-4.5'** **JEL ID:** **ST-9297-48**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**184**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**17.5**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**32.4**	1	"	"	"	0.5	mg/kg
Copper, Cu	**38.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**24.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**66.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**77.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **LB3-8.5'** **JEL ID:** **ST-9297-49**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**94.4**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**6.3**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**6.6**	1	"	"	"	0.5	mg/kg
Copper, Cu	**6.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**5.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**0.9**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**22.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**56.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.046**	1	H16051201	5/12/2016	5/12/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

Sample ID: **LB3-14.5'** **JEL ID:** **ST-9297-50**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**162**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**25.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**16.3**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.3**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**54.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**57.9**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.021**	1	H16051201	5/12/2016	5/12/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

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	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB3-20.5'** **JEL ID:** **ST-9297-51**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**173**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.5**	1	"	"	"	0.5	mg/kg
Copper, Cu	**31.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**21.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**66.2**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**71.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB7-1'** **JEL ID:** **ST-9297-52**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**166**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**24.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**25.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**5.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**53.4**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**73.2**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051101	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB7-5'** **JEL ID:** **ST-9297-53**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**201**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**29.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**30.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.5**	1	"	"	"	0.5	mg/kg
Lead, Pb	**3.1**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**62.3**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**74.5**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051102	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB7-11'** **JEL ID:** **ST-9297-54**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**161**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.2**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**27.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**26.8**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**18.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**56.9**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**57.8**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051102	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB7-17'** **JEL ID:** **ST-9297-55**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**165**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**13.1**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**22.3**	1	"	"	"	0.5	mg/kg
Copper, Cu	**23.0**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**14.8**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**54.0**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**54.1**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051102	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB8-1'** **JEL ID:** **ST-9297-56**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**179**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.8**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**27.7**	1	"	"	"	0.5	mg/kg
Copper, Cu	**29.4**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**19.1**	1	"	"	"	0.5	mg/kg
Lead, Pb	**8.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**58.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**83.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051102	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB8-5'** **JEL ID:** **ST-9297-57**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**227**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**20.0**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**35.1**	1	"	"	"	0.5	mg/kg
Copper, Cu	**38.2**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**25.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**4.2**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**74.6**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**82.0**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.062**	1	H16051102	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB8-11'** **JEL ID:** **ST-9297-58**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**211**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**16.4**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**30.0**	1	"	"	"	0.5	mg/kg
Copper, Cu	**31.3**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**20.0**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.7**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**64.8**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**71.7**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	**0.023**	1	H16051102	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

Sample ID: **LB8-17'** **JEL ID:** **ST-9297-59**

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

Analytes:	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Silver, Ag	ND	1	I16051101	5/11/2016	5/11/2016	0.5	mg/kg
Arsenic, As	ND	1	"	"	"	0.5	mg/kg
Barium, Ba	**182**	1	"	"	"	0.5	mg/kg
Beryllium, Be	ND	1	"	"	"	0.5	mg/kg
Cadmium, Cd	ND	1	"	"	"	0.5	mg/kg
Cobalt, Co	**14.9**	1	"	"	"	0.5	mg/kg
Chromium, Cr	**25.8**	1	"	"	"	0.5	mg/kg
Copper, Cu	**26.9**	1	"	"	"	0.5	mg/kg
Molybdenum, Mo	ND	1	"	"	"	0.5	mg/kg
Nickel, Ni	**17.4**	1	"	"	"	0.5	mg/kg
Lead, Pb	**2.4**	1	"	"	"	0.5	mg/kg
Antimony, Sb	ND	1	"	"	"	0.5	mg/kg
Selenium, Se	ND	1	"	"	"	0.5	mg/kg
Thallium, Tl	ND	1	"	"	"	0.5	mg/kg
Vanadium, V	**61.1**	1	"	"	"	0.5	mg/kg
Zinc, Zn	**60.4**	1	"	"	"	0.5	mg/kg

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Dilution	Batch	Prepared	Analyzed	Practical Quantitation Limit	Units
Mercury, Hg	ND	1	H16051102	5/11/2016	5/11/2016	0.020	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050901** **Prepared:** 5/9/2016 **Analyzed:** 5/10/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160509-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16050901** **Prepared:** 5/9/2016 **Analyzed:** 5/10/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160509-LCS1**						
Barium, Ba	**210**	200	ND	105%		75 - 125	mg/kg
Cobalt, Co	**53.6**	50.0	ND	107%		75 - 125	mg/kg
Lead, Pb	**51.1**	50.0	ND	102%		75 - 125	mg/kg
Selenium, Se	**181**	200	ND	91%		75 - 125	mg/kg
Zinc, Zn	**58.3**	50.0	ND	117%		75 - 125	mg/kg
LCS:	**I160509-LCSD1**						
Barium, Ba	**213**	200	ND	106%	1.3%	75 - 125	mg/kg
Cobalt, Co	**54.6**	50.0	ND	109%	1.9%	75 - 125	mg/kg
Lead, Pb	**51.4**	50.0	ND	103%	0.6%	75 - 125	mg/kg
Selenium, Se	**184**	200	ND	92%	1.4%	75 - 125	mg/kg
Zinc, Zn	**58.8**	50.0	ND	118%	0.8%	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16051002** **Prepared:** 5/10/2016 **Analyzed:** 5/11/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160510-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16051002** **Prepared:** 5/10/2016 **Analyzed:** 5/11/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160510-LCS1**						
Barium, Ba	**204**	200	ND	102%		75 - 125	mg/kg
Cobalt, Co	**54.0**	50.0	ND	108%		75 - 125	mg/kg
Lead, Pb	**51.8**	50.0	ND	104%		75 - 125	mg/kg
Selenium, Se	**173**	200	ND	86%		75 - 125	mg/kg
Zinc, Zn	**52.6**	50.0	ND	105%		75 - 125	mg/kg
LCSD:	**I160510-LCSD1**						
Barium, Ba	**204**	200	ND	102%	0.1%	75 - 125	mg/kg
Cobalt, Co	**54.0**	50.0	ND	108%	0.0%	75 - 125	mg/kg
Lead, Pb	**52.6**	50.0	ND	105%	1.6%	75 - 125	mg/kg
Selenium, Se	**176**	200	ND	88%	1.8%	75 - 125	mg/kg
Zinc, Zn	**51.5**	50.0	ND	103%	2.2%	75 - 125	mg/kg

ND= Not Detected

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

BATCH: **I16051101** **Prepared:** 5/11/2016 **Analyzed:** 5/11/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	% REC	% REC Limits	% RPD	Practical Quantitation Limit	Units
METHOD BLANK:	**I160511-BLK1**						
Analytes:							
Silver, Ag	ND					0.5	mg/kg
Arsenic, As	ND					0.5	mg/kg
Barium, Ba	ND					0.5	mg/kg
Beryllium, Be	ND					0.5	mg/kg
Cadmium, Cd	ND					0.5	mg/kg
Cobalt, Co	ND					0.5	mg/kg
Chromium, Cr	ND					0.5	mg/kg
Copper, Cu	ND					0.5	mg/kg
Molybdenum, Mo	ND					0.5	mg/kg
Nickel, Ni	ND					0.5	mg/kg
Lead, Pb	ND					0.5	mg/kg
Antimony, Sb	ND					0.5	mg/kg
Selenium, Se	ND					0.5	mg/kg
Thallium, Tl	ND					0.5	mg/kg
Vanadium, V	ND					0.5	mg/kg
Zinc, Zn	ND					0.5	mg/kg

ND= Not Detected

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G	**JEL Ref. No.:**	ST-9297
	Santa Clarita, CA 91355	**Client Ref. No.:**	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street	**Physical State:**	Soil
	Burbank, CA		

BATCH: **I16051101** **Prepared:** 5/11/2016 **Analyzed:** 5/11/2016

EPA 6010B by 3050 - Title 22 CAM 17 Trace Metals by ICP-OES

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
LCS:	**I160511-LCS1**						
Barium, Ba	**213**	200	ND	106%		75 - 125	mg/kg
Cobalt, Co	**54.8**	50.0	ND	110%		75 - 125	mg/kg
Lead, Pb	**54.9**	50.0	ND	110%		75 - 125	mg/kg
Selenium, Se	**186**	200	ND	93%		75 - 125	mg/kg
Zinc, Zn	**54.3**	50.0	ND	109%		75 - 125	mg/kg
LCSD:	**I160511-LCSD1**						
Barium, Ba	**208**	200	ND	104%	2.2%	75 - 125	mg/kg
Cobalt, Co	**53.6**	50.0	ND	107%	2.2%	75 - 125	mg/kg
Lead, Pb	**53.5**	50.0	ND	107%	2.5%	75 - 125	mg/kg
Selenium, Se	**182**	200	ND	91%	2.1%	75 - 125	mg/kg
Zinc, Zn	**54.5**	50.0	ND	109%	0.4%	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

BATCH: **H16050901** **Prepared:** 5/9/2016 **Analyzed:** 5/11/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160509-BLK1**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160509-LCS1**						
Mercury, Hg	**1.03**	1.00	ND	103%		75 - 125	mg/kg
LCSD:	**H160509-LCSD1**						
Mercury, Hg	**1.04**	1.00	ND	104%	**1.0%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

BATCH: **H16051001** **Prepared:** 5/10/2016 **Analyzed:** 5/11/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160510-BLK1**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160510-LCS1**						
Mercury, Hg	**0.98**	1.00	ND	98%		75 - 125	mg/kg
LCSD:	**H160510-LCSD1**						
Mercury, Hg	**1.01**	1.00	ND	101%	**2.3%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

BATCH: **H16051101** **Prepared:** 5/11/2016 **Analyzed:** 5/11/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160511-BLK1**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160511-LCS1**						
Mercury, Hg	**0.95**	1.00	ND	95%		75 - 125	mg/kg
LCSD:	**H160511-LCSD1**						
Mercury, Hg	**0.94**	1.00	ND	94%	**1.7%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

BATCH: **H16051102** **Prepared:** 5/11/2016 **Analyzed:** 5/11/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160511-BLK2**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160511-LCS2**						
Mercury, Hg	**0.87**	1.00	ND	87%		75 - 125	mg/kg
LCSD:	**H160511-LCSD2**						
Mercury, Hg	**0.91**	1.00	ND	91%	**4.6%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Leighton & Associates, Inc.	**Report date:**	5/13/2016
Client Address:	25570 Rye Canyon Road, Suite G Santa Clarita, CA 91355	**JEL Ref. No.:**	ST-9297
		Client Ref. No.:	11235.002
Attn:	Robin Ferber	**Date Sampled:**	5/5-6/2016
		Date Received:	5/6/2016
Project:	SJ4 Burbank	**Date Analyzed:**	5/10-12/2016
Project Address:	777 N. Front Street Burbank, CA	**Physical State:**	Soil

BATCH: **H16051201** **Prepared:** 5/12/2016 **Analyzed:** 5/12/2016

EPA 7471A - Mercury by Cold Vapor Atomic Absorption

	Result	Spike Level	Source Result	% REC	% RPD	% REC Limits	Units
METHOD BLANK:	**H160512-BLK1**						
Analytes:							
Mercury, Hg	ND						mg/kg
LCS:	**H160512-LCS1**						
Mercury, Hg	**0.87**	1.00	ND	87%		75 - 125	mg/kg
LCSD:	**H160512-LCSD1**						
Mercury, Hg	**0.91**	1.00	ND	91%	**4.6%**	75 - 125	mg/kg

ND= Not Detected
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

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Chain-of-Custody Record

Client: Leighton + Associates

Date: 5-6-16

Project Name: SJ4 Burbank

Client Project #: 11235.002

Project Address: 777 N. Front Street, Burbank, CA

Turn Around Requested:
❑ Immediate Attention
Rush: ❑ 24 ❑ 48 ❑ 72
☑ Normal
❑ Mobile Lab

Project Contact: Robin Ferber

SOIL GAS
Purge Number: ❑ 1P ❑ 3P ❑ 7P ❑ 10P
Purge Rate: ________ cc/min
Shut in Test Y / N
Tracer:
❑ n-propanol
❑ n-pentane
❑ 1,1-DFA
❑ Helium
❑ ________

JEL Project #: ST-9297

Page 1 of 6

Lab Use Only
Sample Condition as Received:
Chilled ❑ yes ❑ no
Sealed ❑ yes ❑ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs - 8260B	TPH-cc-8015M	CAM-17 Metals-6010/7471	Magnehelic Vacuum (In/H$_2$O)	Number of Containers	Remarks/Special Instructions
A11-1'			5-5-16	1510		ST-9297-01	S	X	X	X		4	
A11-4.5'			↓	1512		ST-9297-02	↓	↓	↓	↓		↓	
A11-8.5'			↓	1515		ST-9297-03	↓	↓	↓	↓		↓	
A11-8.5'-D			↓	1515		ST-9297-04	↓	↓	↓	↓		↓	
A11-14.5'			↓	1520		ST-9297-05	↓	↓	↓	↓		↓	
A11-20.5'			↓	1522		ST-9297-06	↓	↓	↓	↓		↓	
A12-1'			↓	1614		ST-9297-07	↓	↓	↓	↓		↓	
A12-5'			↓	1617		ST-9297-08	↓	↓	↓	↓		↓	
A12-11'			↓	1620		ST-9297-09	↓	↓	↓	↓		↓	
A12-17'			↓	1622		ST-9297-10	↓	↓	↓	↓		4	

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❶ Relinquished by (signature)	Date 5-6-16	❷ Received by (signature)	Date 5/6/16	40	**Total Number of Containers**
Company Leighton + Associates	Time 1425	Company Jones Env	Time 1425		
❸ Relinquished by (signature)	Date 5/6/16	❹ Received by Laboratory (signature)	Date 5/6/16		
Company Jones Env	Time 16:30	Company Jones Environmental Inc	Time 16:30		

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

❑ EDD ❑ EDF

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Chain-of-Custody Record

Client: Leighton + Associates

Project Name: 5JJ4 Burbank

Project Address: 777 N. Front Street, Burbank, CA

Project Contact: Robin Ferber

Date: 5-6-16

Client Project #: 11235.002

Turn Around Requested:
- ❑ Immediate Attention
- Rush: ❑ 24 ❑ 48 ❑ 72
- ☑ Normal
- ❑ Mobile Lab

SOIL GAS

Purge Number: ❑ 1P ❑ 3P ❑ 7P ❑ 10P

Purge Rate: ________ cc/min

Shut in Test Y / N

Tracer:
- ❑ n-propanol
- ❑ n-pentane
- ❑ 1,1-DFA
- ❑ Helium
- ❑ ________

JEL Project #: ST-9297

Page 2 of 6

Lab Use Only

Sample Condition as Received:
Chilled ❑ yes ❑ no
Sealed ❑ yes ❑ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs-8260B	TPH-cc-8015M	CAM-17 Metals-6010/7471	Magnehelic Vacuum (In/H$_2$O)	Number of Containers	Remarks/Special Instructions
A13-1'			5-5-16	1651		ST-9297-10	S	X	X	X		4	
A13-5'				1655		ST-9297-12							
A13-11'				1659		ST-9297-13							
A13-17'				1703		ST-9297-14							
B11-1'				1500		ST-9297-15							
B11-4.5'				1502		ST-9297-16							
B11-8.5'				1505		ST-9297-17							
B11-14.5'				1509		ST-9297-18							
B11-20.5'				1512		ST-9297-19							
B12-1'				1630		ST-9297-20							

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❶ Relinquished by (signature): [signature]	Date: 5-6-16	❷ Received by (signature): [signature]	Date: 5/6/16
Company: Leighton + Associates	Time: 1425	Company: Jones Env	Time: 1425
❸ Relinquished by (signature): [signature]	Date: 5/6/16	❹ Received by Laboratory (signature): [signature]	Date: 5/6/16
Company: Jones Env.	Time: 16:30	Company: Jones Environmental Inc	Time: 16:30

Total Number of Containers: 40

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

❑ EDD ❑ EDF

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Chain-of-Custody Record

Client: Leighton + Associates
Date: 5-6-16
Project Name: 534 Burbank
Client Project #: H235.002
Project Address: 777 N. Front Street, Burbank, CA
Project Contact: Robin Ferber

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☑ Normal
- ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
- ☐ n-propanol
- ☐ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ______

JEL Project #: ST-9297
Page 3 **of** 6

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs-8260B	TPH-cc-8015M	CAM-17 Metals-6010/7471	Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
B12-5'			5-5-16	1634		ST-9297-21	S	X	X	X		4	
B12-5D			"	1634		ST-9297-22	↓	↓	↓	↓		↓	
B12-11'			"	1636		ST-9297-23							
B12-17'			"	1639		ST-9297-24							
B13-1'			5-6-16	0955		ST-9297-25							
B13-5'			"	1000		ST-9297-26							
B13-11'			"	1002		ST-9297-27							
B13-17'			"	1005		ST-9297-28							
B14-1'			"	1030		ST-9297-29							
B14-5'			"	1032		ST-9297-30	↓	↓	↓	↓		↓	

1 Relinquished by (signature): [signature]	Date: 5-6-16	2 Received by (signature): [signature]	Date: 5/6/16
Company: Leighton + Associates	Time: 1425	Company: Jones Env.	Time: 1425
3 Relinquished by (signature): [signature]	Date: 5/6/16	4 Received by Laboratory (signature): [signature]	Date: 5/6/16
Company: Jones Env.	Time: 16:30	Company: Jones Environmental Inc	Time: 16:30

Total Number of Containers: 40

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

☐ EDD ☐ EDF

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Chain-of-Custody Record

Client: Leighton & Associates

Date: 5-6-16

Project Name: 584 Burbank

Client Project #: 11235.002

Project Address: 777 N. Front Street, Burbank, CA

Project Contact: Robin Furber

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☑ Normal
- ☐ Mobile Lab

SOIL GAS

Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P

Purge Rate: ____ cc/min

Shut in Test Y / N

Tracer:
- ☐ n-propanol
- ☐ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ________

JEL Project #: ST-9297

Page 4 of 6

Lab Use Only

Sample Condition as Received:
- Chilled ☐ yes ☐ no
- Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs - 8260B	TPH-cc-8015M	CAM-17 Metals - 6010/7471		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
B14-11'			5-6-16	1035		ST-9297-31	S	X	X	X			4	
B14-17'				1040		ST-9297-32								
B15-1'				1122		ST-9297-33								
B15-4'				1135		ST-9297-34								
B15-5'				1124		ST-9297-35								
LB1-1'				0728		ST-9297-36								
LB1-4.5'				0731		ST-9297-37								
LB1-8.5'				0734		ST-9297-38								
LB1-14.5'				0738		ST-9297-39								
LB1-20.5'				0741		ST-9297-40								

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① Relinquished by (signature)	Date 5-6-16	② Received by (signature)	Date 5/6/16	**Total Number of Containers** 40
Company Leighton + Associates	Time 1425	Company Jones Env.	Time 1425	
③ Relinquished by (signature)	Date 5/6/16	④ Received by Laboratory (signature)	Date 5/6/16	
Company Jones Env.	Time 16:30	Company Jones Environmental Inc	Time 16:30	

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

☐ EDD ☐ EDF

JONES ENVIRONMENTAL, INC.
11007 Forest Place
Santa Fe Springs, CA 90670
(714) 449-9937
(562) 646-1611
www.jonesenv.com

Chain-of-Custody Record

Client: Leighton + Associates
Project Name: SJ4 Burbank
Project Address: 777 N. Front Street, Burbank, CA
Project Contact: Robin Ferber

Date: 5-6-16
Client Project #: 11235.002

Turn Around Requested:
❑ Immediate Attention
Rush: ❑ 24 ❑ 48 ❑ 72
☑ Normal
❑ Mobile Lab

SOIL GAS
Purge Number: ❑ 1P ❑ 3P ❑ 7P ❑ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
❑ n-propanol
❑ n-pentane
❑ 1,1-DFA
❑ Helium
❑ ______

JEL Project #: ST-9297
Page 5 of 6

Lab Use Only
Sample Condition as Received:
Chilled ❑ yes ❑ no
Sealed ❑ yes ❑ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs-8260B	TPH-cc-8015M	CAM-17 Metals-6010/7471		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
LB2-1'			5-6-16	0830		ST-9297-41	S	X	X	X			4	
LB2-4.5'			↓	0832		ST-9297-42	↓	↓	↓	↓			↓	
LB2-8.5'				0835		ST-9297-43								
LB2-14.5'				0837		ST-9297-44								
LB2-20.5'				0840		ST-9297-45								
LB3-1'				0907		ST-9297-46								
LB3-1'-D				0907		ST-9297-47								
LB3-4.5'				0916		ST-9297-48								
LB3-8.5'				0921		ST-9297-49								
LB3-14.5'				0922		ST-9297-50								

❶ Relinquished by (signature)	Date 5-6-16	❷ Received by (signature)	Date 5/6/16	40 Total Number of Containers
Company Leighton + Associates	Time 1425	Company Jones Env.	Time 1425	
❸ Relinquished by (signature)	Date 5/6/16	❹ Received by Laboratory (signature)	Date 5/6/16	
Company Jones Env.	Time 16:30	Company Jones Environmental Inc	Time 16:30	

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

❑ EDD ❑ EDF

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Santa Fe Springs, CA 90670
(714) 449-9937
(562) 646-1611
www.jonesenv.com

Chain-of-Custody Record

Client: Leighton + Associates

Date: 5-6-16

Project Name: SJ4 Burbank

Client Project #: 11235.002

Project Address: 777 N. Frontstreet Burbank, CA

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☑ Normal
- ☐ Mobile Lab

Project Contact: Robin Ferber

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
☐ n-propanol
☐ n-pentane
☐ 1,1-DFA
☐ Helium
☐ ______

JEL Project #: ST-9297

Page 6 of 6

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	VOCs-8260B	TPH-cc-8015M	CAM-17 Metals-6010/7471		Magnehelic Vacuum (In/H_2O)	Number of Containers	Remarks/Special Instructions
LB3-20.5'			5-6-16	0925		ST-9297-51	S	X	X	X			4	
LB7-1'			5-5-16	1550		ST-9297-52								
LB7-5'			5-5-16	1554		ST-9297-53								
LB7-11'			"	1559		ST-9297-54								
LB7-17'			"	1603		ST-9297-55								
LB8-1'			"	1700		ST-9297-56								
LB8-5'			"	1704		ST-9297-57								
LB8-11'			"	1706		ST-9297-58								
LB8-17'			"	1710		ST-9297-59								

125

① Relinquished by (signature)	Date 5-6-16	② Received by (signature)	Date 5/6/16	36	Total Number of Containers
Company Leighton + Associates	Time 1425	Company Jones Env.	Time 1425		
③ Relinquished by (signature)	Date 5/6/16	④ Received by Laboratory (signature)	Date 5/6/16		
Company Jones Env.	Time 16:30	Company Jones Environmental Inc	Time 16:30		

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

☐ EDD ☐ EDF

SunStar Laboratories, Inc.

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

24 May 2016

Karen Prame
Jones Environmental
11007 Forest Place
Santa Fe Springs, CA 90670

RE: SJ4 Burbank

Enclosed are the results of analyses for samples received by the laboratory on 05/18/16 15:57. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh
Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B14-1'	T161044-01	Soil	05/06/16 10:30	05/18/16 15:57
A3-1'	T161044-02	Soil	05/04/16 13:09	05/18/16 15:57
A4-1'	T161044-03	Soil	05/04/16 13:58	05/18/16 15:57
B4-1'	T161044-04	Soil	05/04/16 13:00	05/18/16 15:57
A5B-1	T161044-05	Soil	05/04/16 15:40	05/18/16 15:57
A6-4.5'	T161044-06	Soil	05/05/16 10:27	05/18/16 15:57
A6-8.5'	T161044-07	Soil	05/05/16 10:35	05/18/16 15:57
A6-14.5'	T161044-08	Soil	05/05/16 10:38	05/18/16 15:57
A6-20.5'	T161044-09	Soil	05/05/16 10:44	05/18/16 15:57
A7-8.5'	T161044-10	Soil	05/05/16 11:20	05/18/16 15:57

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

DETECTIONS SUMMARY

Sample ID: B14-1' **Laboratory ID:** T161044-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Chromium	**0.19**	0.10	mg/l	STLC Waste Extraction T	

Sample ID: A3-1' **Laboratory ID:** T161044-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Copper	**26**	0.10	mg/l	STLC Waste Extraction T	

Sample ID: A4-1' **Laboratory ID:** T161044-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Copper	**3.7**	0.10	mg/l	STLC Waste Extraction T	

Sample ID: B4-1' **Laboratory ID:** T161044-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**0.68**	0.10	mg/l	STLC Waste Extraction T	

Sample ID: A5B-1 **Laboratory ID:** T161044-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**9.8**	0.10	mg/l	STLC Waste Extraction T	

Sample ID: A6-4.5' **Laboratory ID:** T161044-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**5.1**	0.10	mg/l	STLC Waste Extraction T	
Chromium	**1.6**	0.10	mg/l	STLC Waste Extraction T	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager Assistant

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Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

Sample ID: A6-8.5' **Laboratory ID:** T161044-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**5.3**	0.10	mg/l	STLC Waste Extraction T	
Chromium	**4.8**	0.10	mg/l	STLC Waste Extraction T	
Zinc	**3.0**	0.10	mg/l	STLC Waste Extraction T	

Sample ID: A6-14.5' **Laboratory ID:** T161044-08

Analyte	Result	Reporting Limit	Units	Method	Notes
Chromium	**2.7**	0.10	mg/l	STLC Waste Extraction T	
Zinc	**0.82**	0.10	mg/l	STLC Waste Extraction T	

Sample ID: A6-20.5' **Laboratory ID:** T161044-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Chromium	**2.3**	0.10	mg/l	STLC Waste Extraction T	

Sample ID: A7-8.5' **Laboratory ID:** T161044-10

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**8.3**	0.10	mg/l	STLC Waste Extraction T	
Copper	**42**	0.10	mg/l	STLC Waste Extraction T	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
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Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

B14-1'

T161044-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
STLC Metals by 6000/7000 Series Methods									
Chromium	**0.19**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	

SunStar Laboratories, Inc.
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949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

A3-1'

T161044-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				SunStar Laboratories, Inc.					
STLC Metals by 6000/7000 Series Methods									
Copper	**26**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	

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949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

A4-1'

T161044-03 (Soil)

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Copper	**3.7**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

B4-1'

T161044-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				SunStar Laboratories, Inc.					
STLC Metals by 6000/7000 Series Methods									
Lead	**0.68**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Zinc	ND	0.10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

A5B-1

T161044-05 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
STLC Metals by 6000/7000 Series Methods									
Lead	**9.8**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

A6-4.5'

T161044-06 (Soil)

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**5.1**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Chromium	**1.6**	0.10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
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949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

A6-8.5'

T161044-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**5.3**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Chromium	**4.8**	0.10	"	"	"	"	"	"	
Zinc	**3.0**	0.10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
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949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

A6-14.5'

T161044-08 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
STLC Metals by 6000/7000 Series Methods									
Chromium	**2.7**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Zinc	**0.82**	0.10	"	"	"	"	"	"	

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

A6-20.5'

T161044-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods

Chromium	**2.3**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

A7-8.5'

T161044-10 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
STLC Metals by 6000/7000 Series Methods									
Lead	**8.3**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Copper	**42**	0.10	"	"	"	"	"	"	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

STLC Metals by 6000/7000 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6051944 - STLC Metals										
Blank (6051944-BLK1)				Prepared: 05/19/16 Analyzed: 05/23/16						
Lead	ND	0.10	mg/l							
Chromium	ND	0.10	"							
Copper	ND	0.10	"							
Zinc	ND	0.10	"							
LCS (6051944-BS1)				Prepared: 05/19/16 Analyzed: 05/23/16						
Lead	9.47	0.10	mg/l	10.0		94.7	75-125			
Matrix Spike (6051944-MS1)	**Source: T161044-01**			Prepared: 05/19/16 Analyzed: 05/23/16						
Lead	8.30	0.10	mg/l	10.0	0.610	76.9	75-125			
Matrix Spike Dup (6051944-MSD1)	**Source: T161044-01**			Prepared: 05/19/16 Analyzed: 05/23/16						
Lead	10.3	0.10	mg/l	10.0	0.610	96.6	75-125	21.2	30	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
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949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/24/16 15:14

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

JONES ENVIRONMENTAL, INC.
11007 Forest Place
Santa Fe Springs, CA 90670
(714) 449-9937
(562) 646-1611
www.jonesenv.com

Chain-of-Custody Record

Client: Leighton
Date: 5/18/16
Project Name: SJ4 Burbank
Client Project #:
Project Address:
Project Contact: Robin Ferber

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☒ Normal (Tues 5/21)
- ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ________ cc/min
Shut in Test Y / N
Tracer:
- ☐ n-propanol
- ☐ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ________

JEL Project #: T161044
Page 1 **of** 1

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	STLC-Cr	STLC-Cu	STLC-Pb	STLC-Zn	~~Magnehelic Vacuum (In/H_2O)~~ EPA 7196 (Cr6+)	Number of Containers	Remarks/Special Instructions
B14-1,	01		5/6	1030		ST-9297-29	S	X					1	
A3-1'	02		5/4	1309		ST-9288-11	S		X				1	
A4-1'	03		5/4	1358		ST-9288-17	S		X				1	
B4-1'	04		5/4	1300		ST-9288-32	S			X			1	4.7'
~~AB5-1'~~ ASB-1' 5/18	05		5/4	1540		ST-9293-03	S			X			1	
A6-4.5'	06		5/5	1027		ST-9293-09	S	X		X		X	1	
A6-8.5'	07		5/5	1035		ST-9293-10	S	X		X	X	X	1	
A6-14.5'	08		5/5	1038		ST-9293-11	S	X			X	X	1	
A6-20.5'	09		5/5	1044		ST-9293-12	S	X				X	1	
A7-8.5'	10		5/5	1120		ST-9293-16	S		X	X			1	

1 Relinquished by (signature): [signature]	Date: 5/18/16	2 Received by (signature): [signature]	Date: 5-18-16
Company: Jones Environmental	Time: 1557	Company: Sun Star Labs	Time: 1557
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date
Company	Time	Company	Time

Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

☐ EDD ☐ EDF

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T161044

Client Name: JONES   Project: SJ4 BURBANK

Delivered by: ☐ Client ☒ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: DAN   Date/Time Courier Received: 5.18.16 15:57

Lab Received by: BRIAN   Date/Time Lab Received: 5.19.16 7:00

Total number of coolers received: 0

Temperature: Cooler #1 4.9	°C +/- the CF (- 0.2°C) = 4.7	°C corrected temperature	
Temperature: Cooler #2	°C +/- the CF (- 0.2°C) =	°C corrected temperature	
Temperature: Cooler #3	°C +/- the CF (- 0.2°C) =	°C corrected temperature	
Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☐ **Yes**	☐ **No**
If NO:			
Samples received on ice?	☐ Yes	☐ **No →** **Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No →** **Complete Non-Conformance Sheet**	

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked   Cooler/Sample Review - Initials and date: BC 5.19.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

Gmail

Carolyn Carroll <carolynkusaba@gmail.com>

Karen and Carolyn - Leighton SJ4 Burbank WET Testing Requests

1 message

Robin Ferber <rferber@leightongroup.com> Wed, May 18, 2016 at 2:46 PM
To: "karen@jonesenv.com" <karen@jonesenv.com>
Cc: Wallace Sconiers <wsconiers@leightongroup.com>, Brynn McCulloch <bmcculloch@leightongroup.com>, Carolyn Carroll <carolyn@jonesenv.com>, Carolyn Kusaba <carolyn@jonesenvironmentallab.com>

May 18, 2016; ~2:45 PM

Karen and Carolyn,

Please run the **CA WET** on the following 10 soil samples collected as a part of the SJ4 Burbank project:

- B14-1' ST-9297-29 – Chromium
- A3-1' ST-9288-11 – Copper
- A4-1' – ST-9288-17 – Copper
- B4-1' – ST-9288-32 – Lead
- A5B-1' – ST-9293-03 – Lead
- A6-4.5' – ST-9293-09 – Lead and Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A6-8.5' – ST-9293-10 - Zinc, Lead, and Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A6-14.5' – ST9293-11 – Zn and Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A6-20.5 ST-9293-12 - Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A7-8.5 – ST-9293-16 – Lead, Copper

Please confirm that we can get these analyzed by Wednesday (if not earlier). Let me know if you have any questions

Best regards,

Robin

Robin J. Ferber, PG, Principal Geologist

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Printed: 5/19/2016 12:44:54PM

WORK ORDER

T161044

Client: **Jones Environmental** | **Project Manager:** **Rose Fasheh**
Project: **SJ4 Burbank** | **Project Number:** **11235.002**

Report To:
Jones Environmental
Karen Prame
11007 Forest Place
Santa Fe Springs, CA 90670

Date Due: 05/24/16 17:00 (4 day TAT)
Received By: Dan Marteski | Date Received: 05/18/16 15:57
Logged In By: Brian Charon | Date Logged In: 05/19/16 07:00

Samples Received at: **4.7°C**
Custody Seals No | Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T161044-01 B14-1' [Soil] Sampled 05/06/16 10:30 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/02/16 10:30	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/20/16 10:30	
T161044-02 A3-1' [Soil] Sampled 05/04/16 13:09 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:09	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:09	
T161044-03 A4-1' [Soil] Sampled 05/04/16 13:58 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:58	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:58	
T161044-04 B4-1' [Soil] Sampled 05/04/16 13:00 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:00	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:00	
T161044-05 A5B-1 [Soil] Sampled 05/04/16 15:40 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 15:40	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 15:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client: **Jones Environmental** | **Project Manager:** **Rose Fasheh**
Project: **SJ4 Burbank** | **Project Number:** **11235.002**

Analysis	Due	TAT	Expires	Comments
T161044-06 A6-4.5' [Soil] Sampled 05/05/16 10:27 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:27	
STLC Pb	05/24/16 15:00	4	11/01/16 10:27	+ Cr
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:27	
T161044-07 A6-8.5' [Soil] Sampled 05/05/16 10:35 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:35	
STLC Pb	05/24/16 15:00	4	11/01/16 10:35	+ Cr & Zn
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:35	
T161044-08 A6-14.5' [Soil] Sampled 05/05/16 10:38 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:38	
STLC Pb	05/24/16 15:00	4	11/01/16 10:38	Cr & Zn only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:38	
T161044-09 A6-20.5' [Soil] Sampled 05/05/16 10:44 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:44	
STLC Pb	05/24/16 15:00	4	11/01/16 10:44	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:44	
T161044-10 A7-8.5' [Soil] Sampled 05/05/16 11:20 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/01/16 11:20	+ Cu
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 11:20	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client: **Jones Environmental** | **Project Manager:** **Rose Fasheh**
Project: **SJ4 Burbank** | **Project Number:** **11235.002**

Report To:
Jones Environmental
Karen Prame
11007 Forest Place
Santa Fe Springs, CA 90670

Date Due: 05/24/16 17:00 (4 day TAT)

Received By: Dan Marteski | Date Received: 05/18/16 15:57
Logged In By: Brian Charon | Date Logged In: 05/19/16 07:00

Samples Received at: **4.7°C**
Custody Seals No | Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T161044-01 B14-1' [Soil] Sampled 05/06/16 10:30 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/02/16 10:30	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/20/16 10:30	
T161044-02 A3-1' [Soil] Sampled 05/04/16 13:09 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:09	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:09	
T161044-03 A4-1' [Soil] Sampled 05/04/16 13:58 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:58	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:58	
T161044-04 B4-1' [Soil] Sampled 05/04/16 13:00 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:00	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:00	
T161044-05 A5B-1 [Soil] Sampled 05/04/16 15:40 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 15:40	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 15:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client:	**Jones Environmental**	**Project Manager:**	**Rose Fasheh**
Project:	**SJ4 Burbank**	**Project Number:**	**11235.002**

Analysis	Due	TAT	Expires	Comments
T161044-06 A6-4.5' [Soil] Sampled 05/05/16 10:27 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:27	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:27	+ Cr
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:27	
T161044-07 A6-8.5' [Soil] Sampled 05/05/16 10:35 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:35	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:35	+ Cr & Zn
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:35	
T161044-08 A6-14.5' [Soil] Sampled 05/05/16 10:38 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:38	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:38	Cr & Zn only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:38	
T161044-09 A6-20.5' [Soil] Sampled 05/05/16 10:44 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:44	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:44	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:44	
T161044-10 A7-8.5' [Soil] Sampled 05/05/16 11:20 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/01/16 11:20	+ Cu
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 11:20	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

27 May 2016

Karen Prame
Jones Environmental
11007 Forest Place
Santa Fe Springs, CA 90670

RE: SJ4 Burbank

Enclosed are the results of analyses for samples received by the laboratory on 05/18/16 15:57. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh

Rose Fasheh
Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/27/16 15:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B14-1'	T161044-01	Soil	05/06/16 10:30	05/18/16 15:57

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/27/16 15:29

DETECTIONS SUMMARY

Sample ID: B14-1' **Laboratory ID:** T161044-01

No Results Detected

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/27/16 15:29

B14-1'

T161044-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	ND	200	ug/kg	1	6052538	05/25/16	05/27/16	EPA 7199	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/27/16 15:29

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6052538 - General Preparation										
Blank (6052538-BLK1)				Prepared: 05/25/16 Analyzed: 05/27/16						
Hexavalent Chromium	ND	200	ug/kg							
LCS (6052538-BS1)				Prepared: 05/25/16 Analyzed: 05/27/16						
Hexavalent Chromium	1130	200	ug/kg	1000		113	80-120			
Matrix Spike (6052538-MS1)	**Source: T161113-01**			Prepared: 05/25/16 Analyzed: 05/27/16						
Hexavalent Chromium	1070	200	ug/kg	996	ND	107	75-125			
Matrix Spike Dup (6052538-MSD1)	**Source: T161113-01**			Prepared: 05/25/16 Analyzed: 05/27/16						
Hexavalent Chromium	1080	200	ug/kg	1000	ND	108	75-125	1.05	20	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/27/16 15:29

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

JONES ENVIRONMENTAL, INC.

11007 Forest Place
Santa Fe Springs, CA 90670
(714) 449-9937
(562) 646-1611
www.jonesenv.com

Chain-of-Custody Record

Client Leighton

Date 5/18/16

Project Name SJ4 Burbank

Client Project #

Project Address

Project Contact Robin Ferber

Turn Around Requested:
❑ Immediate Attention
Rush: ❑ 24 ❑ 48 ❑ 72
☒ Normal (TUES 5/21)
❑ Mobile Lab

SOIL GAS
Purge Number: ❑ 1P ❑ 3P ❑ 7P ❑ 10P
Purge Rate: ________ cc/min
Shut in Test Y / N
Tracer:
❑ n-propanol
❑ n-pentane
❑ 1,1-DFA
❑ Helium
❑ ________

JEL Project # T161044

Page 1 of 1

Lab Use Only
Sample Condition as Received:
Chilled ❑ yes ❑ no
Sealed ❑ yes ❑ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	STLC-Cr	STLC-Cu	STLC-Pb	STLC-Zn	Magnehelic Vacuum (In/H_2O) EPA 7196 (Cr^{6+})	Number of Containers	Remarks/Special Instructions
B14-1,	01		5/6	1030		ST-9297-29	S	X					1	
A3-1'	02		5/4	1309		ST-9288-11	S		X				1	
A4-1'	03		5/4	1358		ST-9288-17	S		X				1	
B4-1'	04		5/4	1300		ST-9288-32	S			X			1	4.7'
~~AB5-1'~~ ASB-1' 5/18	05		5/4	1540		ST-9293-03	S			X			1	
A6-4.5'	06		5/5	1027		ST-9293-09	S	X		X		X	1	
A6-8.5'	07		5/5	1035		ST-9293-10	S	X		X	X	X	1	
A6-14.5'	08		5/5	1038		ST-9293-11	S	X			X	X	1	
A6-20.5'	09		5/5	1044		ST-9293-12	S	X				X	1	
A7-8.5'	10		5/5	1120		ST-9293-16	S		X	X			1	

❶ Relinquished by (signature)	Date 5/18/16	❷ Received by (signature)	Date 5-18-16
Company Jones Environmental	Time 1557	Company Sun Star Labs	Time 1557
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date
Company	Time	Company	Time

Total Number of Containers

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

❑ EDD ❑ EDF

SunStar
Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T161044

Client Name: JONES   Project: 5J4 BURBANK

Delivered by: ☐ Client ☒ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: DAN   Date/Time Courier Received: 5.18.16 15:57

Lab Received by: BRIAN   Date/Time Lab Received: 5.19.16 7:00

Total number of coolers received: 0

Temperature:	Cooler #1 4.9	°C +/- the CF (- 0.2°C)	= 4.7	°C corrected temperature
Temperature:	Cooler #2	°C +/- the CF (- 0.2°C)	=	°C corrected temperature
Temperature:	Cooler #3	°C +/- the CF (- 0.2°C)	=	°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)   Within criteria? ☐ **Yes** ☐ **No**

If NO:

Samples received on ice? ☐ Yes   ☐ **No → Complete Non-Conformance Sheet**

If on ice, samples received same day collected? ☐ Yes → Acceptable   ☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked   Cooler/Sample Review - Initials and date: BC 5.19.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

Gmail

Carolyn Carroll <carolynkusaba@gmail.com>

Karen and Carolyn - Leighton SJ4 Burbank WET Testing Requests

1 message

Robin Ferber <rferber@leightongroup.com> Wed, May 18, 2016 at 2:46 PM
To: "karen@jonesenv.com" <karen@jonesenv.com>
Cc: Wallace Sconiers <wsconiers@leightongroup.com>, Brynn McCulloch <bmcculloch@leightongroup.com>, Carolyn Carroll <carolyn@jonesenv.com>, Carolyn Kusaba <carolyn@jonesenvironmentallab.com>

May 18, 2016; ~2:45 PM

Karen and Carolyn,

Please run the **CA WET** on the following 10 soil samples collected as a part of the SJ4 Burbank project:

- B14-1' ST-9297-29 – Chromium
- A3-1' ST-9288-11 – Copper
- A4-1' – ST-9288-17 – Copper
- B4-1' – ST-9288-32 – Lead
- A5B-1' – ST-9293-03 – Lead
- A6-4.5' – ST-9293-09 – Lead and Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A6-8.5' – ST-9293-10 - Zinc, Lead, and Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A6-14.5' – ST9293-11 – Zn and Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A6-20.5 ST-9293-12 - Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A7-8.5 – ST-9293-16 – Lead, Copper

Please confirm that we can get these analyzed by Wednesday (if not earlier). Let me know if you have any questions

Best regards,

Robin

Robin J. Ferber, PG, Principal Geologist

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client:	**Jones Environmental**	**Project Manager:**	**Rose Fasheh**
Project:	**SJ4 Burbank**	**Project Number:**	**11235.002**

Report To:
Jones Environmental
Karen Prame
11007 Forest Place
Santa Fe Springs, CA 90670

Date Due:	05/24/16 17:00 (4 day TAT)		
Received By:	Dan Marteski	Date Received:	05/18/16 15:57
Logged In By:	Brian Charon	Date Logged In:	05/19/16 07:00

Samples Received at:	**4.7°C**		
Custody Seals	No	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confir	No		

Analysis	**Due**	**TAT**	**Expires**	**Comments**
T161044-01 B14-1' [Soil] Sampled 05/06/16 10:30 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/02/16 10:30	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/20/16 10:30	
T161044-02 A3-1' [Soil] Sampled 05/04/16 13:09 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:09	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:09	
T161044-03 A4-1' [Soil] Sampled 05/04/16 13:58 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:58	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:58	
T161044-04 B4-1' [Soil] Sampled 05/04/16 13:00 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:00	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:00	
T161044-05 A5B-1 [Soil] Sampled 05/04/16 15:40 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 15:40	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 15:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client: Jones Environmental | **Project Manager:** Rose Fasheh
Project: SJ4 Burbank | **Project Number:** 11235.002

Analysis	Due	TAT	Expires	Comments
T161044-06 A6-4.5' [Soil] Sampled 05/05/16 10:27 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:27	
STLC Pb	05/24/16 15:00	4	11/01/16 10:27	+ Cr
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:27	
T161044-07 A6-8.5' [Soil] Sampled 05/05/16 10:35 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:35	
STLC Pb	05/24/16 15:00	4	11/01/16 10:35	+ Cr & Zn
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:35	
T161044-08 A6-14.5' [Soil] Sampled 05/05/16 10:38 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:38	
STLC Pb	05/24/16 15:00	4	11/01/16 10:38	Cr & Zn only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:38	
T161044-09 A6-20.5' [Soil] Sampled 05/05/16 10:44 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:44	
STLC Pb	05/24/16 15:00	4	11/01/16 10:44	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:44	
T161044-10 A7-8.5' [Soil] Sampled 05/05/16 11:20 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/01/16 11:20	+ Cu
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 11:20	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client:	**Jones Environmental**	**Project Manager:**	**Rose Fasheh**
Project:	**SJ4 Burbank**	**Project Number:**	**11235.002**

Report To:
Jones Environmental
Karen Prame
11007 Forest Place
Santa Fe Springs, CA 90670

Date Due:	05/24/16 17:00 (4 day TAT)		
Received By:	Dan Marteski	Date Received:	05/18/16 15:57
Logged In By:	Brian Charon	Date Logged In:	05/19/16 07:00

Samples Received at: **4.7°C**

Custody Seals	No	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confir	No		

Analysis	Due	TAT	Expires	Comments
T161044-01 B14-1' [Soil] Sampled 05/06/16 10:30 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/02/16 10:30	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/20/16 10:30	
T161044-02 A3-1' [Soil] Sampled 05/04/16 13:09 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:09	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:09	
T161044-03 A4-1' [Soil] Sampled 05/04/16 13:58 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:58	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:58	
T161044-04 B4-1' [Soil] Sampled 05/04/16 13:00 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:00	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:00	
T161044-05 A5B-1 [Soil] Sampled 05/04/16 15:40 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 15:40	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 15:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client: Jones Environmental | **Project Manager:** Rose Fasheh
Project: SJ4 Burbank | **Project Number:** 11235.002

Analysis	Due	TAT	Expires	Comments
T161044-06 A6-4.5' [Soil] Sampled 05/05/16 10:27 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:27	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:27	+ Cr
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:27	
T161044-07 A6-8.5' [Soil] Sampled 05/05/16 10:35 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:35	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:35	+ Cr & Zn
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:35	
T161044-08 A6-14.5' [Soil] Sampled 05/05/16 10:38 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:38	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:38	Cr & Zn only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:38	
T161044-09 A6-20.5' [Soil] Sampled 05/05/16 10:44 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:44	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:44	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:44	
T161044-10 A7-8.5' [Soil] Sampled 05/05/16 11:20 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/01/16 11:20	+ Cu
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 11:20	

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client:	**Jones Environmental**	**Project Manager:**	**Rose Fasheh**
Project:	**SJ4 Burbank**	**Project Number:**	**11235.002**

Report To:
Jones Environmental
Karen Prame
11007 Forest Place
Santa Fe Springs, CA 90670

Date Due:	05/24/16 17:00 (4 day TAT)		
Received By:	Dan Marteski	Date Received:	05/18/16 15:57
Logged In By:	Brian Charon	Date Logged In:	05/19/16 07:00

Samples Received at: **4.7°C**
Custody Seals No Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T161044-01 B14-1' [Soil] Sampled 05/06/16 10:30 (GMT-08:00) Pacific Time (US &				**method 7199 added per client request 5/25/16**
Cr6-7199	05/27/16 15:00	2	06/05/16 10:30	
STLC Pb	05/24/16 15:00	4	11/02/16 10:30	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/20/16 10:30	
T161044-02 A3-1' [Soil] Sampled 05/04/16 13:09 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:09	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:09	
T161044-03 A4-1' [Soil] Sampled 05/04/16 13:58 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:58	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:58	
T161044-04 B4-1' [Soil] Sampled 05/04/16 13:00 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:00	+ Zn
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:00	
T161044-05 A5B-1 [Soil] Sampled 05/04/16 15:40 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 15:40	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 15:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client: **Jones Environmental** | **Project Manager:** **Rose Fasheh**
Project: **SJ4 Burbank** | **Project Number:** **11235.002**

Analysis	Due	TAT	Expires	Comments
T161044-06 A6-4.5' [Soil] Sampled 05/05/16 10:27 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:27	changed from method 7169 per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:27	+ Cr
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:27	
T161044-07 A6-8.5' [Soil] Sampled 05/05/16 10:35 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:35	changed from method 7169 per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:35	+ Cr & Zn
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:35	
T161044-08 A6-14.5' [Soil] Sampled 05/05/16 10:38 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:38	changed from method 7169 per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:38	Cr & Zn only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:38	
T161044-09 A6-20.5' [Soil] Sampled 05/05/16 10:44 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:44	changed from method 7169 per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:44	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:44	
T161044-10 A7-8.5' [Soil] Sampled 05/05/16 11:20 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/01/16 11:20	+ Cu
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 11:20	

Reviewed By

Date

SunStar Laboratories, Inc.

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

25 May 2016

Karen Prame
Jones Environmental
11007 Forest Place
Santa Fe Springs, CA 90670

RE: SJ4 Burbank

Enclosed are the results of analyses for samples received by the laboratory on 05/18/16 15:57. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh

Rose Fasheh
Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B14-1'	T161044-01	Soil	05/06/16 10:30	05/18/16 15:57
A3-1'	T161044-02	Soil	05/04/16 13:09	05/18/16 15:57
A4-1'	T161044-03	Soil	05/04/16 13:58	05/18/16 15:57
B4-1'	T161044-04	Soil	05/04/16 13:00	05/18/16 15:57
A5B-1	T161044-05	Soil	05/04/16 15:40	05/18/16 15:57
A6-4.5'	T161044-06	Soil	05/05/16 10:27	05/18/16 15:57
A6-8.5'	T161044-07	Soil	05/05/16 10:35	05/18/16 15:57
A6-14.5'	T161044-08	Soil	05/05/16 10:38	05/18/16 15:57
A6-20.5'	T161044-09	Soil	05/05/16 10:44	05/18/16 15:57
A7-8.5'	T161044-10	Soil	05/05/16 11:20	05/18/16 15:57

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

DETECTIONS SUMMARY

Sample ID: B14-1' **Laboratory ID:** T161044-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Chromium	**0.19**	0.10	mg/l	STLC Waste Extraction 1	

Sample ID: A3-1' **Laboratory ID:** T161044-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Copper	**26**	0.10	mg/l	STLC Waste Extraction 1	

Sample ID: A4-1' **Laboratory ID:** T161044-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Copper	**3.7**	0.10	mg/l	STLC Waste Extraction 1	

Sample ID: B4-1' **Laboratory ID:** T161044-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**0.68**	0.10	mg/l	STLC Waste Extraction 1	

Sample ID: A5B-1 **Laboratory ID:** T161044-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**9.8**	0.10	mg/l	STLC Waste Extraction 1	

Sample ID: A6-4.5' **Laboratory ID:** T161044-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**5.1**	0.10	mg/l	STLC Waste Extraction 1	
Chromium	**1.6**	0.10	mg/l	STLC Waste Extraction 1	
Hexavalent Chromium	**1100**	200	ug/kg	EPA 7199	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
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Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

Sample ID: A6-8.5' **Laboratory ID:** T161044-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**5.3**	0.10	mg/l	STLC Waste Extraction T	
Chromium	**4.8**	0.10	mg/l	STLC Waste Extraction T	
Zinc	**3.0**	0.10	mg/l	STLC Waste Extraction T	
Hexavalent Chromium	**2800**	200	ug/kg	EPA 7199	

Sample ID: A6-14.5' **Laboratory ID:** T161044-08

Analyte	Result	Reporting Limit	Units	Method	Notes
Chromium	**2.7**	0.10	mg/l	STLC Waste Extraction T	
Zinc	**0.82**	0.10	mg/l	STLC Waste Extraction T	
Hexavalent Chromium	**1500**	200	ug/kg	EPA 7199	

Sample ID: A6-20.5' **Laboratory ID:** T161044-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Chromium	**2.3**	0.10	mg/l	STLC Waste Extraction T	
Hexavalent Chromium	**3300**	200	ug/kg	EPA 7199	

Sample ID: A7-8.5' **Laboratory ID:** T161044-10

Analyte	Result	Reporting Limit	Units	Method	Notes
Lead	**8.3**	0.10	mg/l	STLC Waste Extraction T	
Copper	**42**	0.10	mg/l	STLC Waste Extraction T	

SunStar Laboratories, Inc.

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Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

B14-1'

T161044-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
STLC Metals by 6000/7000 Series Methods									
Chromium	**0.19**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

A3-1'

T161044-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods									
Copper	**26**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

A4-1'

T161044-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				SunStar Laboratories, Inc.					
STLC Metals by 6000/7000 Series Methods									
Copper	**3.7**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

B4-1'

T161044-04 (Soil)

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**0.68**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Zinc	ND	0.10	"	"	"	"	"	"	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

A5B-1

T161044-05 (Soil)

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**9.8**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
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949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

A6-4.5'

T161044-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods

Lead	**5.1**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Chromium	**1.6**	0.10	"	"	"	"	"	"	

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Hexavalent Chromium	**1100**	200	ug/kg	1	6052324	05/20/16	05/24/16	EPA 7199	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

A6-8.5'

T161044-07 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
STLC Metals by 6000/7000 Series Methods									
Lead	**5.3**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Chromium	**4.8**	0.10	"	"	"	"	"	"	
Zinc	**3.0**	0.10	"	"	"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	**2800**	200	ug/kg	1	6052324	05/20/16	05/24/16	EPA 7199	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

A6-14.5'

T161044-08 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
STLC Metals by 6000/7000 Series Methods									
Chromium	**2.7**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Zinc	**0.82**	0.10	"	"	"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	**1500**	200	ug/kg	1	6052324	05/20/16	05/24/16	EPA 7199	

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

A6-20.5'

T161044-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				SunStar Laboratories, Inc.					
STLC Metals by 6000/7000 Series Methods									
Chromium	**2.3**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods									
Hexavalent Chromium	**3300**	200	ug/kg	1	6052324	05/20/16	05/24/16	EPA 7199	

Rose Fasheh

Rose Fasheh, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

A7-8.5'

T161044-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

SunStar Laboratories, Inc.

STLC Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Lead	**8.3**	0.10	mg/l	1	6051944	05/19/16	05/23/16	STLC Waste Extraction Test	
Copper	**42**	0.10	"	"	"	"	"	"	

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

STLC Metals by 6000/7000 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6051944 - STLC Metals										
Blank (6051944-BLK1)				Prepared: 05/19/16 Analyzed: 05/23/16						
Lead	ND	0.10	mg/l							
Chromium	ND	0.10	"							
Copper	ND	0.10	"							
Zinc	ND	0.10	"							
LCS (6051944-BS1)				Prepared: 05/19/16 Analyzed: 05/23/16						
Lead	9.47	0.10	mg/l	10.0		94.7	75-125			
Matrix Spike (6051944-MS1)	**Source: T161044-01**			Prepared: 05/19/16 Analyzed: 05/23/16						
Lead	8.30	0.10	mg/l	10.0	0.610	76.9	75-125			
Matrix Spike Dup (6051944-MSD1)	**Source: T161044-01**			Prepared: 05/19/16 Analyzed: 05/23/16						
Lead	10.3	0.10	mg/l	10.0	0.610	96.6	75-125	21.2	30	

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6052324 - General Preparation										
Blank (6052324-BLK1)				Prepared: 05/23/16 Analyzed: 05/24/16						
Hexavalent Chromium	ND	200	ug/kg							
LCS (6052324-BS1)				Prepared: 05/23/16 Analyzed: 05/24/16						
Hexavalent Chromium	1120	200	ug/kg	1000		112	80-120			
LCS Dup (6052324-BSD1)				Prepared: 05/23/16 Analyzed: 05/24/16						
Hexavalent Chromium	1030	200	ug/kg	996		103	80-120	9.11	20	

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Jones Environmental	Project: SJ4 Burbank	
11007 Forest Place	Project Number: 11235.002	**Reported:**
Santa Fe Springs CA, 90670	Project Manager: Karen Prame	05/25/16 09:40

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Rose Fasheh

Rose Fasheh, Project Manager Assistant

JONES ENVIRONMENTAL, INC.

11007 Forest Place
Santa Fe Springs, CA 90670
(714) 449-9937
(562) 646-1611
www.jonesenv.com

Chain-of-Custody Record

Client Leighton

Date 5/18/16

Project Name SJ4 Burbank

Client Project #

Project Address

Project Contact Robin Ferber

Turn Around Requested:
- ☐ Immediate Attention
- Rush: ☐ 24 ☐ 48 ☐ 72
- ☒ Normal (Tues 5/21)
- ☐ Mobile Lab

SOIL GAS
Purge Number: ☐ 1P ☐ 3P ☐ 7P ☐ 10P
Purge Rate: ______ cc/min
Shut in Test Y / N
Tracer:
- ☐ n-propanol
- ☐ n-pentane
- ☐ 1,1-DFA
- ☐ Helium
- ☐ ______

JEL Project # T161044

Page 1 of 1

Lab Use Only
Sample Condition as Received:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Analysis Requested

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	STLC-Cr	STLC-Cu	STLC-Pb	STLC-Zn	Magnehelic Vacuum (In/H2O) EPA 7196 (Cr6+)	Number of Containers	Remarks/Special Instructions
B14-1,	01		5/6	1030		ST-9297-29	S	X					1	
A3-1'	02		5/4	1309		ST-9288-11	S		X				1	
A4-1'	03		5/4	1358		ST-9288-17	S		X				1	
B4-1'	04		5/4	1300		ST-9288-~~3~~2	S			X			1	4.7'
~~AB5-1'~~ ASB-1' 5/18	05		5/4	1540		ST-9293-03	S			X			1	
A6-4.5'	06		5/5	1027		ST-9293-09	S	X		X		X	1	
A6-8.5'	07		5/5	1035		ST-9293-10	S	X		X	X	X	1	
A6-14.5'	08		5/5	1038		ST-9293-11	S	X			X	X	1	
A6-20.5'	09		5/5	1044		ST-9293-12	S	X				X	1	
A7-8.5'	10		5/5	1120		ST-9293-16	S		X	X			1	

❶ Relinquished by (signature)	Date 5/18/16	❷ Received by (signature)	Date 5-18-16
Company Jones Environmental	Time 1557	Company Sun Star Labs	Time 1557
❸ Relinquished by (signature)	Date	❹ Received by Laboratory (signature)	Date
Company	Time	Company	Time

Total Number of Containers

☐ EDD ☐ EDF

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T161044

Client Name: JONES

Project: SJ4 BURBANK

Delivered by: ☐ Client ☒ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: DAN

Date/Time Courier Received: 5.18.16 15:57

Lab Received by: BRIAN

Date/Time Lab Received: 5.19.16 7:00

Total number of coolers received: 0

Temperature:	Cooler #1 4.9	°C +/- the CF (- 0.2°C) = 4.7	°C corrected temperature	
Temperature:	Cooler #2	°C +/- the CF (- 0.2°C) =	°C corrected temperature	
Temperature:	Cooler #3	°C +/- the CF (- 0.2°C) =	°C corrected temperature	

Temperature criteria = ≤ 6°C (no frozen containers) Within criteria? ☐ **Yes** ☐ **No**

If NO:

Samples received on ice? ☐ Yes ☐ **No → Complete Non-Conformance Sheet**

If on ice, samples received same day collected? ☐ Yes → Acceptable ☐ **No → Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: BC 5.19.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

Gmail

Carolyn Carroll <carolynkusaba@gmail.com>

Karen and Carolyn - Leighton SJ4 Burbank WET Testing Requests

1 message

Robin Ferber <rferber@leightongroup.com> Wed, May 18, 2016 at 2:46 PM
To: "karen@jonesenv.com" <karen@jonesenv.com>
Cc: Wallace Sconiers <wsconiers@leightongroup.com>, Brynn McCulloch <bmcculloch@leightongroup.com>, Carolyn Carroll <carolyn@jonesenv.com>, Carolyn Kusaba <carolyn@jonesenvironmentallab.com>

May 18, 2016; ~2:45 PM

Karen and Carolyn,

Please run the **CA WET** on the following 10 soil samples collected as a part of the SJ4 Burbank project:

- B14-1' ST-9297-29 – Chromium
- A3-1' ST-9288-11 – Copper
- A4-1' – ST-9288-17 – Copper
- B4-1' – ST-9288-32 – Lead
- A5B-1' – ST-9293-03 – Lead
- A6-4.5' – ST-9293-09 – Lead and Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A6-8.5' – ST-9293-10 - Zinc, Lead, and Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A6-14.5' – ST9293-11 – Zn and Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A6-20.5 ST-9293-12 - Total Chromium (EPA 6010) and Hexavalent Chromium (EPA 7196).
- A7-8.5 – ST-9293-16 – Lead, Copper

Please confirm that we can get these analyzed by Wednesday (if not earlier). Let me know if you have any questions

Best regards,

Robin

Robin J. Ferber, PG, Principal Geologist

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client:	**Jones Environmental**	**Project Manager:**	**Rose Fasheh**
Project:	**SJ4 Burbank**	**Project Number:**	**11235.002**

Report To:

Jones Environmental
Karen Prame
11007 Forest Place
Santa Fe Springs, CA 90670

Date Due:	05/24/16 17:00 (4 day TAT)		
Received By:	Dan Marteski	Date Received:	05/18/16 15:57
Logged In By:	Brian Charon	Date Logged In:	05/19/16 07:00

Samples Received at:	**4.7°C**		
Custody Seals	No	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confir	No		

Analysis	Due	TAT	Expires	Comments
T161044-01 B14-1' [Soil] Sampled 05/06/16 10:30 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/02/16 10:30	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/20/16 10:30	
T161044-02 A3-1' [Soil] Sampled 05/04/16 13:09 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:09	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:09	
T161044-03 A4-1' [Soil] Sampled 05/04/16 13:58 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:58	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:58	
T161044-04 B4-1' [Soil] Sampled 05/04/16 13:00 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:00	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:00	
T161044-05 A5B-1 [Soil] Sampled 05/04/16 15:40 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 15:40	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 15:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client:	**Jones Environmental**	**Project Manager:**	**Rose Fasheh**
Project:	**SJ4 Burbank**	**Project Number:**	**11235.002**

Analysis	Due	TAT	Expires	Comments
T161044-06 A6-4.5' [Soil] Sampled 05/05/16 10:27 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:27	
STLC Pb	05/24/16 15:00	4	11/01/16 10:27	+ Cr
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:27	
T161044-07 A6-8.5' [Soil] Sampled 05/05/16 10:35 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:35	
STLC Pb	05/24/16 15:00	4	11/01/16 10:35	+ Cr & Zn
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:35	
T161044-08 A6-14.5' [Soil] Sampled 05/05/16 10:38 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:38	
STLC Pb	05/24/16 15:00	4	11/01/16 10:38	Cr & Zn only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:38	
T161044-09 A6-20.5' [Soil] Sampled 05/05/16 10:44 (GMT-08:00) Pacific Time (US &				
Cr6-7196A	05/24/16 15:00	4	06/04/16 10:44	
STLC Pb	05/24/16 15:00	4	11/01/16 10:44	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:44	
T161044-10 A7-8.5' [Soil] Sampled 05/05/16 11:20 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/01/16 11:20	+ Cu
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 11:20	

Reviewed By ____________________ Date ____________

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client: **Jones Environmental** **Project Manager:** **Rose Fasheh**
Project: **SJ4 Burbank** **Project Number:** **11235.002**

Report To:
Jones Environmental
Karen Prame
11007 Forest Place
Santa Fe Springs, CA 90670

Date Due:	05/24/16 17:00 (4 day TAT)		
Received By:	Dan Marteski	Date Received:	05/18/16 15:57
Logged In By:	Brian Charon	Date Logged In:	05/19/16 07:00

Samples Received at: **4.7°C**

Custody Seals	No	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confir	No		

Analysis	Due	TAT	Expires	Comments
T161044-01 B14-1' [Soil] Sampled 05/06/16 10:30 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/02/16 10:30	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/20/16 10:30	
T161044-02 A3-1' [Soil] Sampled 05/04/16 13:09 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:09	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:09	
T161044-03 A4-1' [Soil] Sampled 05/04/16 13:58 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:58	Cu only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:58	
T161044-04 B4-1' [Soil] Sampled 05/04/16 13:00 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 13:00	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 13:00	
T161044-05 A5B-1 [Soil] Sampled 05/04/16 15:40 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	10/31/16 15:40	
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/18/16 15:40	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T161044

Client: Jones Environmental
Project: SJ4 Burbank
Project Manager: Rose Fasheh
Project Number: 11235.002

Analysis	Due	TAT	Expires	Comments
T161044-06 A6-4.5' [Soil] Sampled 05/05/16 10:27 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:27	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:27	+ Cr
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:27	
T161044-07 A6-8.5' [Soil] Sampled 05/05/16 10:35 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:35	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:35	+ Cr & Zn
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:35	
T161044-08 A6-14.5' [Soil] Sampled 05/05/16 10:38 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:38	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:38	Cr & Zn only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:38	
T161044-09 A6-20.5' [Soil] Sampled 05/05/16 10:44 (GMT-08:00) Pacific Time (US &				
Cr6-7199	05/24/16 15:00	4	06/04/16 10:44	changed from method 7169 as per client request (5/23/16)
STLC Pb	05/24/16 15:00	4	11/01/16 10:44	Cr only
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 10:44	
T161044-10 A7-8.5' [Soil] Sampled 05/05/16 11:20 (GMT-08:00) Pacific Time (US &				
STLC Pb	05/24/16 15:00	4	11/01/16 11:20	+ Cu
STLC Leaching Procedure Metals	05/24/16 15:00	4	05/19/16 11:20	

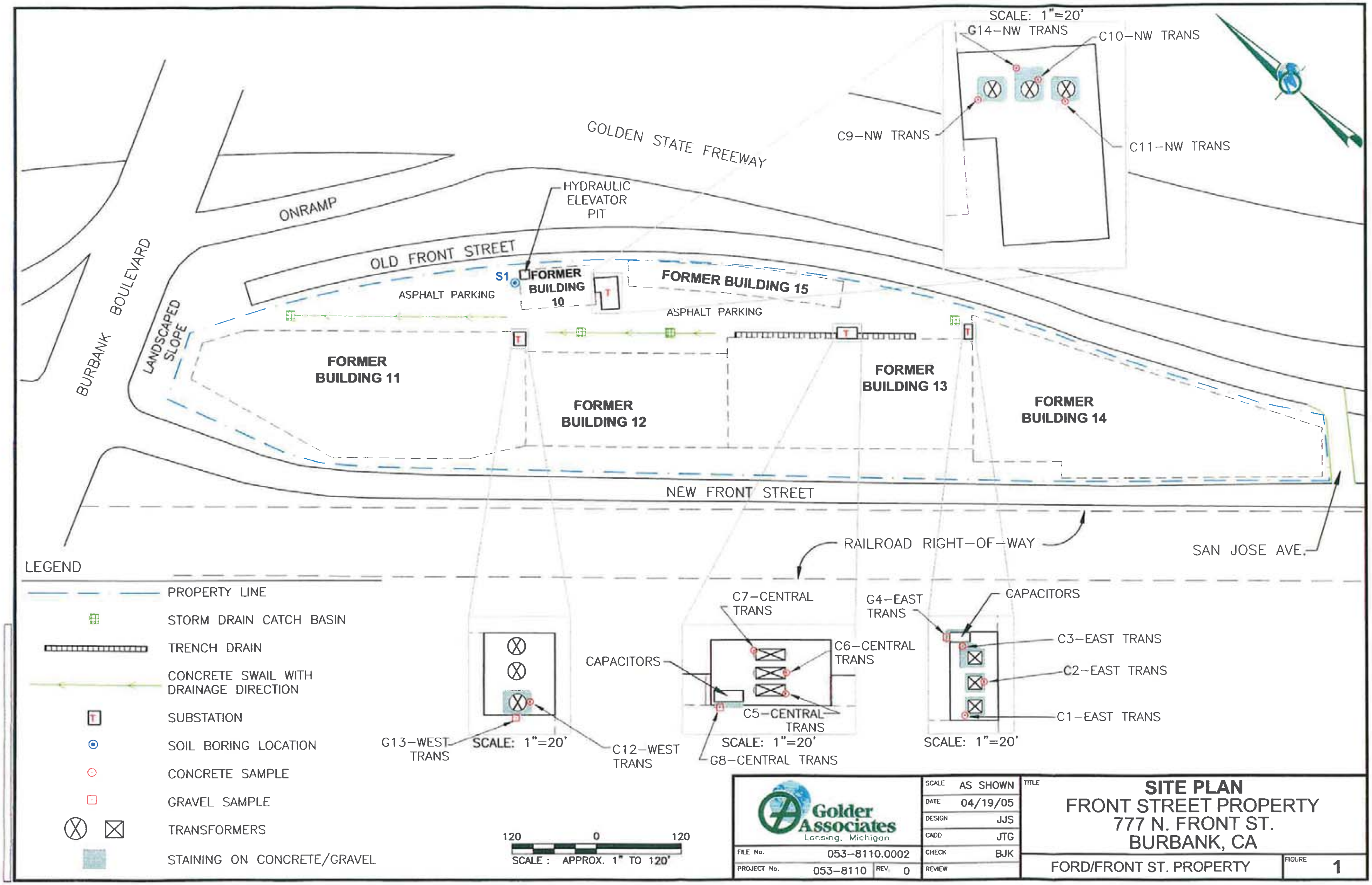
Reviewed By

Date

APPENDIX D

Figure 1, Site Plan, Front Street Property, 777 N. Front Street, Burbank, CA, Golder Associates, May 2, 2005

Leighton



SCALE: 1"=20'
G14–NW TRANS
C10–NW TRANS
C9–NW TRANS
C11–NW TRANS
GOLDEN STATE FREEWAY
ONRAMP
HYDRAULIC ELEVATOR PIT
OLD FRONT STREET
BURBANK BOULEVARD
LANDSCAPED SLOPE
S1
FORMER BUILDING 10
ASPHALT PARKING
FORMER BUILDING 15
ASPHALT PARKING
FORMER BUILDING 11
FORMER BUILDING 12
FORMER BUILDING 13
FORMER BUILDING 14
NEW FRONT STREET
RAILROAD RIGHT–OF–WAY
SAN JOSE AVE.
LEGEND
PROPERTY LINE
STORM DRAIN CATCH BASIN
TRENCH DRAIN
CONCRETE SWAIL WITH DRAINAGE DIRECTION
SUBSTATION
SOIL BORING LOCATION
CONCRETE SAMPLE
GRAVEL SAMPLE
TRANSFORMERS
STAINING ON CONCRETE/GRAVEL
G13–WEST TRANS
SCALE: 1"=20'
C12–WEST TRANS
CAPACITORS
C7–CENTRAL TRANS
C6–CENTRAL TRANS
C5–CENTRAL TRANS
SCALE: 1"=20'
G8–CENTRAL TRANS
G4–EAST TRANS
CAPACITORS
C3–EAST TRANS
C2–EAST TRANS
C1–EAST TRANS
SCALE: 1"=20'
120 0 120
SCALE: APPROX. 1" TO 120'
Golder Associates
Lansing, Michigan
FILE No. 053–8110.0002
PROJECT No. 053–8110
REV. 0
SCALE AS SHOWN
DATE 04/19/05
DESIGN JJS
CADD JTG
CHECK BJK
REVIEW
TITLE
SITE PLAN
FRONT STREET PROPERTY
777 N. FRONT ST.
BURBANK, CA
FORD/FRONT ST. PROPERTY
FIGURE 1

APPENDIX E

South Coast Air Quality Management District
Rule 1466

(Adopted July 7, 2017)(Amended December 1, 2017)

RULE 1466. CONTROL OF PARTICULATE EMISSIONS FROM SOILS WITH TOXIC AIR CONTAMINANTS

(a) Purpose

The purpose of this rule is to minimize the amount of off-site fugitive dust emissions containing toxic air contaminants by reducing particulate emissions in the ambient air as a result of earth-moving activities, including, excavating, grading, handling, treating, stockpiling, transferring, and removing soil that contains applicable toxic air contaminants from sites that meet the applicability requirements of subdivision (b).

(b) Applicability

(1) This rule shall apply to any owner or operator conducting earth-moving activities of soil with applicable toxic air contaminant(s) as defined in paragraph (c)(15) that have been identified as contaminant(s) of concern at a site that has been designated and notified by:

(A) The U.S. Environmental Protection Agency (U.S. EPA) as a Superfund National Priorities List site;

(B) The California Department of Toxic Substances Control (DTSC) as a Brownfield or Cleanup Program site;

(C) The State Water Resources Control Board (State Water Board) or Regional Water Quality Control Board (Regional Water Board) as a Site Cleanup Program site;

(D) A county, local, or state regulatory agency as a Hazardous Material Release site, as defined in California Health and Safety Code Section 25260, effective January 1, 2018; or

(E) The Executive Officer pursuant to subdivision (i).

(2) This rule shall not apply to:

(A) Earth-moving activities of soil with applicable toxic air contaminant(s) of less than 50 cubic yards; or

(B) Removal of soil for sampling purposes.

(c) Definitions

(1) ADEQUATELY WET is the condition of being sufficiently mixed or penetrated with water to prevent the release of particulates or visible emissions. The process

by which an adequately wet condition is achieved is by using a dispenser or water hose with a nozzle that permits the use of a fine, low-pressure spray or mist.

(2) ADJACENT ATHLETIC AREA is any outdoor athletic field or park where youth organized sports occur that is in physical contact or separated solely by a public roadway or other public right-of-way to a school or early education center.

(3) CHEMICAL STABILIZERS are any non-toxic chemical dust suppressant. The chemical stabilizers shall meet any specifications, criteria, or tests required by any federal, state, or local agency or any applicable law, rule, or regulation. Unless otherwise indicated, the use of a non-toxic chemical stabilizer shall be of sufficient concentration and application frequency to maintain a stabilized surface and no less than what is specified by the manufacturer.

(4) DISTURBED SURFACE AREA is a portion of the earth's surface which has been physically moved, uncovered, destabilized, or otherwise modified from its undisturbed natural soil condition, thereby increasing the potential for fugitive dust. This definition excludes those areas which have:

(A) Been restored to a natural state, such that the vegetative ground cover and soil characteristics are similar to adjacent or nearby natural conditions;

(B) Been paved or otherwise covered by a permanent structure; or

(C) Sustained a vegetative ground cover of at least 70 percent of the native cover for a particular area for at least 30 days.

(5) DUST SUPPRESSANTS are water, hygroscopic materials, or chemical stabilizers used as a treatment material to reduce fugitive dust emissions.

(6) EARLY EDUCATION CENTER is any public or private property, used for purposes of education as defined as an Early Learning and Developmental Program by the U.S. Department of Education, but does not include any property in which education is primarily conducted in private homes. Early education center includes any building or structure, playground, athletic field, or other areas of early education center property.

(7) EARTH-MOVING ACTIVITIES are, for the purpose of this rule, any activity on a site that meets the applicability requirements of subdivision (b) where soil with applicable toxic air contaminant(s) are being moved or uncovered, and shall include, but not be limited to the following: excavating, grading, earth cutting and filling operations, loading or unloading, and adding to or removing from stockpiles.

(8) FUGITIVE DUST is, for the purpose of this rule, any solid particulate matter that is in contact with ambient air and has the potential to become airborne, other than solid particulate matter that is emitted from an exhaust stack.

(9) JOINT USE AGREEMENT PROPERTY is a shared public facility in which a formal agreement exists between a school or early education center and another government entity setting forth the terms and conditions for shared use.

(10) OWNER OR OPERATOR is any firm, business establishment, association, partnership, corporation or individual, whether acting as principal, agent, employee, contractor, or other capacity.

(11) PAVED ROAD is a public or private improved street, highway, alley, public way, or easement that is covered by typical roadway materials, but excluding access roadways that connect a facility with a public paved roadway and are not open to through traffic. Public paved roads are those open to public access and that are owned by any federal, state, county, municipal, or any other governmental or quasi-governmental agencies. Private paved roads are any paved roads not defined as public.

(12) PROPERTY LINE is the boundary of an area where a person has the legal use or possession of the property. Where such property is divided into one or more sub-tenancies, the property line(s) shall refer to the boundaries dividing the areas of all sub-tenancies.

(13) SCHOOL is any public or private education center, including juvenile detention facilities and education centers serving as the students' place of residence (e.g., boarding schools), used for purposes of the education of more than 12 children in kindergarten or any grades 1 to 12, inclusive, but does not include any school in which education is primarily conducted in private homes. School includes any building or structure, playground, athletic field, or other areas of school property.

(14) SOIL is dirt, sand, gravel, clay, and aggregate material less than two inches in length or diameter, and other organic or inorganic particulate matter.

(15) SOIL WITH APPLICABLE TOXIC AIR CONTAMINANT(S) means, for the purpose of this rule, soil that has been identified by the U.S. EPA, the DTSC, the State Water Board, the Regional Water Board, or a county, local, or state regulatory agency to contain one or more of the applicable toxic air contaminants as listed in Table I that exceed action levels as specified by the designating agency or, effective January 1, 2018, soil that has been identified by the Executive Officer to contain one or more of the toxic air contaminants listed in Rule 1401 – New Source Review of Toxic Air Contaminants Table I or Hazardous Air Pollutants Identified as Toxic Air Contaminants as listed in California Code of Regulations Section 93001, excluding volatile organic compounds regulated under Rule 1166 – Volatile Organic Compound Emissions from Decontamination of Soil.

(16) STABILIZED SURFACE is any previously disturbed surface area or stockpile, which through the application of dust suppressants, shows visual or other evidence of surface crusting and is resistant to wind driven fugitive dust, and is demonstrated to be stabilized. Stabilization can be demonstrated by one or more of the applicable test methods contained in the SCAQMD *Rule 403 Fugitive Dust Implementation Handbook* or in Volumes I and II of SCAQMD's *Dust Control in the Coachella Valley*.

(17) STOCKPILE is any accumulation of soil, which is not fully enclosed, covered, or chemically stabilized, and which attains a height of three feet or more and a total surface area of 150 square feet or more.

(18) TRACK-OUT is any soil that adheres to and agglomerates on the exterior surface of motor vehicles, haul trucks, and equipment (including tires) that has been released onto a paved road.

(19) WIND-DRIVEN FUGITIVE DUST is visible emissions from any disturbed surface area, which is generated by wind action alone.

(20) WIND GUST is the maximum instantaneous wind speed as measured by an anemometer.

(d) Monitoring Requirements

(1) When earth-moving activities or vehicular movement occurs, the owner or operator shall conduct continuous direct-reading near real-time ambient monitoring of PM_{10} concentrations pursuant to paragraph (d)(3).

(2) If the PM_{10} concentration averaged over two hours exceeds 25 micrograms per cubic meter, as measured pursuant to paragraph (d)(3) and as determined pursuant to paragraph (d)(4), the owner or operator shall cease earth-moving activities, apply dust suppressant to fugitive dust sources, or implement other dust control measures as necessary until the PM_{10} concentration is equal to or less than 25 micrograms per cubic meter averaged over 30 minutes.

(A) The owner or operator or designating agency may request an alternative PM_{10} limit from the Executive Officer provided the exposure to toxic air contaminants from fugitive dust from earth-moving activities at the proposed PM_{10} concentration level is health protective to the public. The owner or operator or designating agency shall provide the Executive Officer the information specified in subparagraphs (i)(1)(A) through (H) and substantiate its position that an alternative PM_{10} limit is health protective.

Use of an alternative PM_{10} limit must be submitted and approved by the Executive Officer as specified in subdivision (j).

(3) The owner or operator conducting earth-moving activities shall install and conduct ambient PM_{10} monitoring as follows:

(A) In accordance with a U.S. EPA-approved equivalent method for PM_{10} monitoring or an alternative method approved by the Executive Officer. The owner or operator or designating agency shall select an alternative PM_{10} method as specified in Appendix 1. Use of an alternative PM_{10} method must be submitted and approved by the Executive Officer as specified in subdivision (j);

(B) Using a minimum of one upwind monitor where the location of the upwind monitor(s) are indicative of background PM_{10} levels and not generally influenced by fugitive dust sources from the site;

(C) Using a minimum of one downwind monitor placed in the seasonal prevailing wind direction downwind of each area of earth-moving activity and as close to the property line as feasible;

(D) Using PM_{10} monitors that are identical in make and model; settings; calibration; configuration; and calibration, correction, and correlation factors.

(E) Operate, maintain, and calibrate ambient PM_{10} monitors in accordance with appropriate U.S. EPA-published documents for U.S. EPA-approved equivalent method(s) for PM_{10} or the alternative method approved by the Executive Officer, and manufacturer's instructions; and

(F) Collect ambient PM_{10} data with a data acquisition system that is capable of logging direct-reading near real-time data providing the date, time, and PM_{10} concentration in micrograms per cubic meter every 10 minutes or less.

(4) The owner or operator shall calculate the PM_{10} concentration based on the PM_{10} concentration averaged over two hours, starting at the top of each hour, where:

(A) The PM_{10} concentration is the absolute difference between the upwind and downwind monitors;

(B) If there is more than one upwind monitor, the upwind result is the two hour average of all upwind monitors;

(C) If there is more than one downwind monitor, the downwind average is the maximum two hour average concentration of any of the downwind monitors; and

(D) The owner or operator or designating agency may use an alternative calculation methodology if the owner or operator or designating agency provides information to substantiate that all or some the PM_{10} concentration is the result of another source and not attributed to the earth-moving activities of the site. Use of an alternative calculation methodology must be submitted and approved by the Executive Officer as specified in subdivision (j).

(5) When earth-moving activities occur, the owner or operator shall monitor wind direction and speed as specified in U.S. EPA *Quality Assurance Handbook for Air Pollution Measurement Systems, Volume IV: Meteorological Measurements*.

(e) Requirements to Minimize Fugitive Dust Emissions

(1) An owner or operator shall not conduct earth-moving activities unless the area is surrounded with fencing that is a minimum of 6 feet tall and at least as tall as the height of the tallest stockpile, with a windscreen with a porosity of 50 ± 5%.

(2) An owner or operator conducting earth-moving activities shall:

(A) Adequately wet to the depth of earth-moving activity and allow time for penetration; and

(B) Adequately wet at frequencies to prevent the generation of visible dust plumes.

(3) An owner or operator that is moving vehicles on, within, or off a site where earth-moving activities are occurring shall:

(A) Post signs at all entrances of the site to designate the speed limit as 15 miles per hour;

(B) Stabilize the surface of all vehicular traffic and parking areas by applying gravel, paving, or dust suppressant;

(C) Not allow track-out to extend beyond 25 feet of the property line. Remove any track-out each day using a vacuum equipped with a filter(s) rated by the manufacturer to achieve a 99.97% capture efficiency for 0.3 micron particles;

(D) Clean the soil from the exterior of trucks, trailers, and tires prior to the truck leaving the site; and

(E) The owner or operator shall utilize at least one of the measures listed in clause (e)(3)(E)(i) through (e)(3)(E)(iv) at each vehicle egress from the site to a paved public road:

(i) Install a pad consisting of washed gravel (minimum-size: one inch), maintained in a clean condition, to a depth of at least six inches and extending at least 30 feet wide and at least 50 feet long;

(ii) Pave the surface extending at least 100 feet from the property line and at least 20 feet wide;

(iii) Utilize a wheel shaker/wheel spreading device consisting of raised dividers (rails, pipes, or grates) at least 24 feet long and 10 feet wide; or

(iv) Install and utilize a wheel washing system to remove soil from tires and vehicle undercarriages.

(4) An owner or operator conducting earth-moving activities that result in the development of stockpiles of any soil with applicable toxic air contaminant(s) shall:

(A) Segregate non-contaminated stockpiles from stockpiles with applicable toxic air contaminant(s) and label with "SCAQMD Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminant(s) Applicable Soil";

(B) Maintain stockpiles to avoid steep sides or faces that exceed the angle of repose;

(C) Not create a stockpile that is more than 400 cubic yards of soil and greater in height than the perimeter fencing and windscreen;

(D) Apply dust suppressant to stockpiles;

(E) At the end of each working day, either chemically stabilize and/or completely cover with 10 millimeter thick plastic sheeting that overlaps a minimum of 24 inches. The plastic sheeting shall be anchored and secured so that no portion of the soil is exposed to the atmosphere; and

(F) Daily, inspect stabilized or covered stockpiles. For a stabilized stockpile, such inspections shall include a demonstration of stabilization by one or more of the applicable test methods contained in SCAQMD *Rule 403 Fugitive Dust Implementation Handbook* or Volumes I and II of SCAQMD's *Dust Control in the Coachella Valley*. For a covered stockpile, such inspections shall include a visual inspection of all seams and plastic cover surfaces. Immediately re-stabilize or repair any holes, tears, or any other potential sources of fugitive toxic air contaminant emissions.

(5) An owner or operator conducting truck loading activities of soil containing applicable toxic air contaminant(s) shall:

(A) Apply dust suppressant to material prior to loading;

(B) Empty the loader bucket slowly so that no dust plumes are generated;

(C) Minimize the drop height from the loader bucket;

(D) Maintain at least six inches of space between the soil and the top of the truck bed while transporting within a site; and

(E) Completely tarp the truck and trailer prior to leaving the site.

(6) An owner or operator conducting truck unloading activities of soil containing applicable toxic air contaminant(s) shall:

(A) Apply dust suppressant to material prior to unloading; and

(B) Empty the trailer slowly so that no dust plumes are generated.

(7) The owner or operator shall immediately remove any spilled soil containing applicable toxic air contaminant(s).

(8) The owner or operator shall cease earth-moving activities if the wind speed is greater than 15 miles per hour (mph) averaged over a 15-minute period or instantaneous wind speeds exceed 25 mph.

(9) During earth-moving activities, the owner or operator shall have an on-site dust control supervisor that:

(A) Is employed by or contracted with the owner or operator;

(B) Is located on the site during working hours;

(C) Is in a position to expeditiously employ sufficient dust control measures to ensure compliance with all rule requirements;

(D) Has completed the SCAQMD Fugitive Dust Control Class and has been issued a valid Certificate of Completion for the class; and

(E) Has the following credentials, if asbestos is an applicable toxic air contaminant:

(i) Successfully completed the Asbestos Abatement Contractor/Supervisor course pursuant to the Asbestos Hazard Emergency Response Act (AHERA), and obtained and maintained accreditation as an AHERA Asbestos Abatement Contractor/Supervisor; and

(ii) Trained on the provisions of 40 CFR Part 61.145, 61.146, 61.147 and 61.152 (Asbestos NESHAP provisions) and Part 763, and have the means by which to comply with these provisions.

(10) If earth-moving activities will not occur for three (3) or more consecutive days, apply a chemical stabilizer to potential sources of fugitive dust diluted to the concentration required to maintain a stabilized surface for the period of inactivity; re-stabilize as necessary.

(11) An owner or operator that is conducting earth-moving activities of soil with applicable toxic air contaminant(s) at a school, early education center, joint use agreement property, or adjacent athletic area shall:

(A) Only conduct earth-moving activities at a school or early education center outside of the hours between 7:30 a.m. and 4:30 p.m. on days when the school or early education center is in session;

(B) Not conduct earth-moving activities at a school, early education center, joint use agreement property, or adjacent athletic area if there is a school or early education center sponsored activity or youth organized sports at that site;

(C) Handle excavated soils with applicable toxic air contaminant(s) by:

(i) Immediately placing soil in a leak-tight container whereby any contained solids or liquids are prevented from escaping or spilling out;

(ii) Directly loading soil in trucks, applying dust suppressant, and covering prior to transporting; or

(iii) Stockpiling pursuant to paragraph (e)(4), in a fenced area that is not accessible to the general public, and locked when not in use; and

(D) Within five (5) days of its excavation, remove all soil with applicable toxic air contaminant(s) from the site.

(12) With the exception of paragraphs (e)(7) and (e)(11), the owner or operator or designating agency may use alternative dust control measures that meet the objective and effectiveness of the dust control measure it is replacing, where the objective and effectiveness of each category of dust control measures is stated in Appendix 2. Use of alternative dust control measures must be submitted and approved by the Executive Officer as specified under subdivision (j).

(f) Notification Requirements

(1) At least 72 hours and no more than 30 days prior to conducting any earth-moving activities on any site meeting the applicability requirements of subdivision (b), the owner or operator shall electronically notify the Executive Officer, using a format approved by the Executive Officer, of the intent to conduct any earth-moving activities. Notifications shall include the following requirements:

(A) Name, address, telephone number, and e-mail address of the owner or operator;

(B) Name, telephone number, and e-mail address of the on-site dust control supervisor;

(C) Project name and, if applicable, the project identification number from the designating agency;

(D) Project location (address and/or coordinates);

(E) Identify whether the site is a school, early education center, joint use agreement property, or adjacent athletic area;

(F) A map indicating the specific location(s) of each earth-moving activity and the concentrations of the applicable toxic air contaminant(s) and location of PM_{10} monitors;

(G) A description of the earth-moving activities, estimated volume of soil with applicable toxic air contaminant(s), and a schedule that includes the anticipated start and completion dates of earth-moving activities;

(H) Current and/or previous type of operation(s) and use(s) at the site;

(I) Applicable exemption(s); and

(J) Whether the notice is a revised notification.

(2) Notification Updates

Notifications pursuant to paragraph (f)(1) shall be updated when any of the following conditions arise:

(A) Earlier Start Date

A change in the start date of any earth-moving activity to an earlier date shall be reported to the SCAQMD no later than 72 hours before any earth-moving activities begin.

(B) Later Start Date

A delay in the start date of any earth-moving activity shall be reported to the SCAQMD as soon as the information becomes available, but no later than the original start date.

(C) Change in Exemption Status

Any change(s) in exemption status pursuant to subdivision (k) shall be reported to the SCAQMD as soon as the information becomes available, but no later than 48 hours after the information becomes available.

(3) Within 72 hours of an exceedance of the PM_{10} emission limit specified in subdivision (d), the owner or operator of a site meeting the applicability requirements of subdivision (b) shall electronically notify the Executive Officer, using a format approved by the Executive Officer, of the exceedance and shall include the following information:

(A) Name, address, telephone number, and e-mail address of the owner or operator;

(B) Name, telephone number, and e-mail address of the on-site dust control supervisor;

(C) Project name and, if applicable, the project identification number from the designating agency;

(D) Project location (address and/or coordinates);

(E) PM_{10} monitoring results, including result, date and time of exceedance(s), 12 hours before first exceedance, and 12 hours after last exceedance;

(F) Earth-moving activities occurring at the date and time of exceedance(s); and

(G) Dust control measure(s) taken to mitigate fugitive dust.

(g) Signage Requirements

When conducting earth-moving activities, the owner or operator shall install and maintain project signage.

(1) Unless otherwise approved in writing by the Executive Officer, signage shall:

(A) Be installed at all entrances and at intervals of 1,000 feet or less along the property line or perimeter of the site, with a minimum of one along each side;

(B) Be located between 6 and 8 feet above grade from the bottom of the sign;

(C) Display lettering at least four inches tall with text contrasting with the sign background; and

(D) Display the following information:

(i) Local or toll-free phone number for the site contact or pre-recorded notification center that is accessible 24 hours a day; and

(ii) Warning statement:

"THIS SITE CONTAINS SOILS THAT CONTAIN THE FOLLOWING CHEMICALS: [LIST APPLICABLE TOXIC AIR CONTAMINANT(S)]
TO REPORT ANY DUST LEAVING THE SITE PLEASE CALL [FACILITY CONTACT] OR THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT AT 1-800-CUT-SMOG"

(E) If signage pursuant to paragraph (g)(1) exceeds 48 inches by 96 inches, the owner or operator or designating agency must still include the warning statement referenced in (g)(1)(D)(ii), displaying lettering at least four inches tall with text contrasting with the sign background, but may use 2.5 inch tall lettering to list applicable toxic air contaminants. All other signage requirements set forth in paragraph (g)(1) shall remain the same. If signage continues to exceed 48 inches by 96 inches with these parameters, the owner or operator or designating agency may use alternative signage as set forth in paragraph (g)(2).

(2) The owner or operator or designating agency may use alternative signage approved by the Executive Officer pursuant to subdivision (j). Notwithstanding subdivision (j), the request shall include a visual representation of the alternative sign, including proposed lettering height, and locations and, at a minimum, the alternative signage shall:

(A) Display text contrasting with the sign background; and

(B) Display the following warning statement:

"THIS SITE CONTAINS SOILS THAT CONTAIN THE FOLLOWING CHEMICALS: [LIST APPLICABLE TOXIC AIR CONTAMINANT(S)]
TO REPORT ANY DUST LEAVING THE SITE PLEASE CALL
THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT AT
1-800-CUT-SMOG"

(h) Recordkeeping Requirements

The owner or operator shall maintain records for a period of not less than three years and shall make such records available to the Executive Officer upon request. At a minimum, records shall be maintained daily and shall include:

(1) Inspection of all covered stockpiles containing soils with applicable toxic air contaminant(s);

(2) Results of wind and PM_{10} monitoring, including: instrument make and model; settings; calibration; configuration; calibration, correction, and correlation factors; maintenance; operator training; and daily instrument performance check records for all monitoring instruments;

(3) Earth-moving activities conducted and the corresponding volume of soil with applicable toxic air contaminant;

(4) Names and business addresses of the transporting and receiving facilities, and a copy of the shipping manifest; and

(5) Complaints called in, including the name of complainant and contact information, date and time, earth-moving activities occurring at the date and time, complaint, and action taken to mitigate the source of the complaint.

(i) Executive Officer Designated Sites

(1) The Executive Officer may designate a site if the Executive Officer has evidence that the site contains soil with applicable toxic air contaminant(s) as defined in paragraph (c)(15), after consultation with U.S. EPA, DTSC, the State or Regional Water Boards, and/or local, county, or state health and regulatory agencies, and consideration of the following:

(A) Site history, including current and/or previous type(s) of operation(s) and use(s) at the site and regulatory history;

(B) Concentration(s) of applicable toxic air contaminant(s) in the soil;

(C) Background concentration(s) of applicable toxic air contaminant(s);

(D) Volume of soil with applicable toxic air contaminant(s);

(E) Distance to a residence, park, or school;

(F) Meteorological data;

(G) Health risk information or other data provided by the owner or operator, if available; and

(H) Ambient monitoring data and other applicable data, if available.

(2) Prior to making a determination, the Executive Officer will notify the owner or operator in writing that the site may be subject to this rule.

(A) In the event the owner or operator exercises this opportunity to demonstrate that this rule does not apply, the owner or operator shall submit information to the Executive Officer within 14 days of the notification substantiating why the site should be excluded from this rule.

(B) Upon final determination, the Executive Officer will notify the owner or operator in writing if the site is subject to this rule.

(3) During the determination period, the owner or operator shall comply with the provisions of this rule or cease all earth-moving activities until a determination is made.

(j) Alternative Provisions

(1) If requesting an alternative provision pursuant to subparagraphs (d)(2)(A), (d)(3)(A), or (d)(4)(D) or paragraphs (e)(12), (g)(2), (k)(3), or (k)(4) the owner or operator or designating agency shall submit all information to the Executive Officer to substantiate its positon.

(A) The owner or operator or designating agency that elects to request alternative provisions for the PM_{10} limit, PM_{10} monitoring method, signage, or direct loading exemption shall submit the request in writing at least 30 days prior to conducting any earth-moving activities.

(B) The owner or operator or designating agency that elects to request alternative provisions for the PM_{10} calculation or dust control measures shall submit the request, in writing, prior to an exceedance of the PM_{10} concentration requirements set forth in paragraph (d)(2).

(2) The Executive Officer may request additional information from the owner or operator or designating agency.

(3) The owner or operator or designating agency shall submit all requested information within 14 days of the request for additional information.

(4) The Executive Officer will review the request for an alternative provision and will approve or reject the data and notify the owner or operator or designating agency in writing. Approved alternative provisions may not be used retroactively.

(k) Exemptions

(1) The owner or operator may be exempt from one or more provisions of this rule provided there is written confirmation that the designating agency under subparagraphs (b)(1)(A) through (D) has consulted with the Executive Officer and has determined that the provision(s) are not needed based on information specified in subparagraphs (i)(1)(A) through (H).

(2) Earth-moving activities performed within an enclosed system vented to SCAQMD permitted air pollution control equipment shall be exempt from all requirements except: subparagraphs (e)(3)(C) through (e)(3)(E), subparagraphs (e)(5)(D) and (e)(5)(E), and subdivisions (f), (g), and (h).

(3) Linear trenching for natural gas, power, sewer, and water projects on roadways with soil with applicable toxic air contaminant(s), directly loaded into a truck or bin for transport, shall be exempt from all requirements except: paragraphs (e)(2) through (e)(8), paragraph (e)(11), and subdivisions (f), (h), and (i). The owner or operator or designating agency may use an alternative to directly load into a truck or bin for transport that meets the objective and effectiveness of directly loading soil, where the objective and effectiveness is stated in Appendix 2. Use of an alternative measure must be submitted and approved by the Executive Officer as specified under subdivision (j).

(4) Earth-moving activities consisting only of excavation activities of soil with applicable toxic air contaminant(s) of less than 500 cubic yards, directly loaded into a truck or bin for transport, shall be exempt from all requirements except:

paragraphs (e)(2) through (e)(8), paragraph (e)(11), and subdivisions (f), (h), and (i). The owner or operator or designating agency may use an alternative to directly load into a truck or bin for transport that meets the objective and effectiveness of directly loading soil, where the objective and effectiveness is stated in Appendix 2. Use of alternative measure must be submitted and approved by the Executive Officer as specified under subdivision (j).

(5) Active operations conducted during emergency life-threatening situations, or in conjunction with any officially declared disaster or state of emergency as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized agency officer shall be exempt from all requirements. The Executive Officer shall be notified electronically no later than 48 hours following such earth-moving activities. Written notification shall include written emergency declaration from the authorized officer.

(6) Active operations conducted by essential service utilities to provide electricity, natural gas, telephone, water, or sewer during periods of service outages and emergency disruptions shall be exempt from all requirements. The Executive Officer shall be notified electronically no later than 48 hours following such earth-moving activities.

Table I – Applicable Toxic Air Contaminants

CAS Number	Substance
7440-38-2	**arsenic and arsenic compounds (inorganic)** including, but not limited to: arsenic compounds (inorganic)
7784-42-1	arsine
1332-21-4	asbestos
7440-43-9	cadmium and cadmium compounds
57-74-9	chlordane*

CAS Number	Substance
	dibenzo-p-dioxins (chlorinated)*
1746-01-6	tetrachlorodibenzo-p-dioxin, 2,3,7,8-
40321-76-4	pentachlorodibenzo-p-dioxin, 1,2,3,7,8-
39227-28-6	hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-
57653-85-7	hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-
19408-74-3	hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-
35822-46-9	heptachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-
3268-87-9	octachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8,9-
41903-57-5	total tetrachlorodibenzo-p-dioxin
36088-22-9	total pentachlorodibenzo-p-dioxin
34465-46-8	total hexachlorodibenzo-p-dioxin
37871-00-4	total heptachlorodibenzo-p-dioxin
72-54-8	dichlorodiphenyldichloroethane*
72-55-9	dichlorodiphenyldichloroethylene*
50-29-3	dichlorodiphenyltrichloroethane*
18540-29-9	**chromium (hexavalent) and chromium compounds**
	including, but not limited to:
10294-40-3	barium chromate
13765-19-0	calcium chromate
7758-97-6	lead chromate
10588-01-9	sodium dichromate
7789-06-2	strontium chromate
13530-65-9	zinc chromate
7439-92-1	**lead and lead compounds (inorganic, including elemental lead)**
	including, but not limited to:
	lead compounds (inorganic)
301-04-2	lead acetate
7758-97-6	lead chromate

CAS Number	Substance
7446-27-7	lead phosphate
1335-32-6	lead subacetate
7439-97-6	**mercury and mercury compounds (inorganic)**
	including, but not limited to:
7487-94-7	mercuric chloride
593-74-8	methyl mercury
7440-02-0	**nickel and nickel compounds**
	including, but not limited to:
373-02-4	nickel acetate
3333-67-3	nickel carbonate
13463-39-3	nickel carbonyl
12054-48-7	nickel hydroxide
1313-99-1	nickel oxide
12035-72-2	nickel subsulfide
1271-28-9	nickelocene
	refinery dust from the pyrometallurgical process
1336-36-3	**polychlorinated biphenyls (PCBs)**
32598-13-3	3,3',4,4'-tetrachlorobiphenyl
70362-50-4	3,4,4',5-tetrachlorobiphenyl
32598-14-4	2,3,3',4,4'-pentachlorobiphenyl
74472-37-0	2,3,4,4',5-pentachlorobiphenyl
31508-00-6	2,3',4,4',5-pentachlorobiphenyl
65510-44-3	2,3',4,4',5'-pentachlorobiphenyl
57465-28-8	3,3',4,4',5-pentachlorobiphenyl
38380-08-4	2,3,3',4,4',5-hexachlorobiphenyl
69782-90-7	2,3,3',4,4',5'-hexachlorobiphenyl
52663-72-6	2,3',4,4',5,5'-hexachlorobiphenyl
32774-16-6	3,3',4,4',5,5'-hexachlorobiphenyl
39635-31-9	2,3,3'4,4',5,5'-heptachlorobiphenyl

CAS Number	Substance
	polycyclic aromatic hydrocarbons (PAHs)*
56-55-3	benzo[a]anthracene
50-32-8	benzo[a]pyrene
205-99-2	benzo[b]fluoranthene
207-08-9	benzo[k]fluoranthene
218-01-9	chrysene
53-70-3	dibenz[a,h]anthracene
193-39-5	indeno[1,2,3-c,d]pyrene

* Effective January 1, 2018

Appendix 1 – Executive Officer Approved PM_{10} Monitors

The Executive Officer may approve PM_{10} monitors that meeting the following requirements.

1. PM_{10} monitors must be continuous direct-reading near-real time monitors and shall monitor particulate matter less than 10 microns.
2. PM_{10} monitors must be equipped with:
   a. Omni-directional heated sampler inlet;
   b. Sample pump;
   c. Volumetric flow controller;
   d. Enclosure; and
   e. Data logger capable of logging each data point with average concentration, time/date, and data point number.
3. PM_{10} monitors must have the following minimum performance standards:
   a. Range: 0 - 10,000 $\mu g/m^3$
   b. Accuracy: ±5% of reading ± precision
   c. Resolution: 1.0 $\mu g/m^3$
   d. Measurement Cycle: User selectable (30 minute and 2 hour)
4. In order to ensure the validity of the PM_{10} measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the owner or operator to adequately supplement QA/QC Plans to include the following critical features: instrument calibration, instrument maintenance, operator training, and daily instrument performance (span) checks.

Appendix 2 – Objectives and Effectiveness of Dust Control Measures Set-Forth in Subdivision (e)

Dust Control Measure	Objective	Effectiveness
(e)(1) Fencing and Windscreen Requirement	To minimize off-site fugitive dust emissions containing toxic air contaminants, provide a wind break, act as containment, provide security, and limit access to unauthorized persons.	Any dust control measure that is equally or more effective in minimizing off-site fugitive dust emissions containing toxic air contaminants that may result in exposure to the general public and will limit public access to the site.
(e)(2) Water Application	To minimize fugitive dust emissions containing toxic air contaminants from earth-moving activities.	Any dust control measure that is equally or more effective at preventing the generation of visible dust plumes from earth-moving activities.
(e)(3) Vehicle Movement	To minimize fugitive dust emissions containing toxic air contaminants from on-site vehicles and as vehicles are moving off-site.	Any dust control measure that is equally or more effective at preventing the generation of dust plumes from on-site vehicle movement and any fugitive dust that can be tracked out of the site that can result in exposure to the general public.
(e)(4) Stockpiles	To minimize fugitive dust emissions containing toxic air contaminants from stockpiles.	Any dust control measure that is equally or more effective at minimizing fugitive dust emissions containing toxic air contaminants from stockpiles and that will prevent the generation of dust plumes from stockpiles that can result

Dust Control Measure	Objective	Effectiveness
		in exposure to the general public.
(e)(5) Truck Loading	To minimize fugitive dust emissions containing toxic air contaminants from truck loading and truck movement.	Any dust control measure that is equally or more effective at preventing a dust plume or fugitive dust occurring during the loading of soils containing toxic air contaminants into trailers and physical containment or other mechanisms to minimize fugitive dust from escaping the trailer during transport.
(e)(6) Truck Unloading	To minimize fugitive dust emissions containing toxic air contaminants from truck unloading and truck movement.	Any dust control measure that is equally or more effective at preventing a dust plume or fugitive dust occurring during the unloading of soils containing toxic air contaminants.
(e)(8) Earth-Moving Activities at Certain Wind Speeds	To minimize fugitive dust emissions containing toxic air contaminants from high wind events.	Any dust control measure that is equally or more effective at preventing a dust plume or fugitive dust occurring during high wind events.
(e)(9) On-site Dust Control Supervisor	To require the on-site presence of a person that has specific training to ensure compliance with all rule requirements.	Any measure that ensures the on-site presence of a person with training covering the same material as that covered by an SCAQMD Fugitive Dust Control Class and appropriate credentials to handle applicable toxic air contaminants and that can

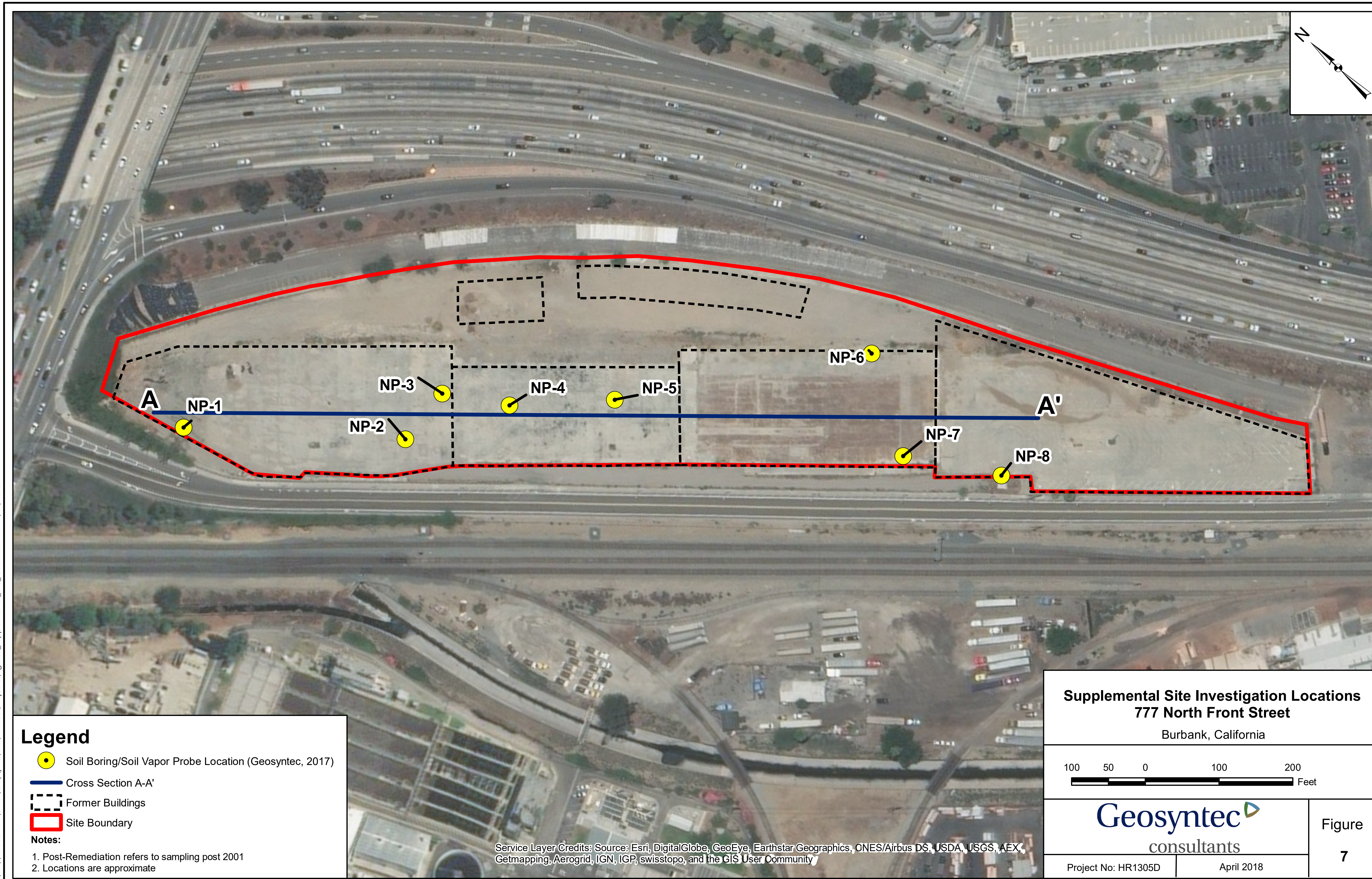
Dust Control Measure	Objective	Effectiveness
		ensure compliance with all rule requirements.
(e)(10) Application of Chemical Stabilizer During Periods of Inactivity	To minimize a dust plume or fugitive dust emissions containing toxic air contaminants from occurring on-site during periods of inactivity.	Any dust control measure that is equally or more effective at preventing a dust plume or fugitive dust emissions containing toxic air contaminants from occurring on-site during periods of inactivity.
(k)(3)/(k)(4) Direct Load into a Truck or Bin for Transport	To minimize a dust plume or fugitive dust emissions containing toxic air contaminants from truck loading and unloading.	Any dust control measure that is equally or more effective at preventing a dust plume or fugitive dust emissions containing toxic air contaminants from truck loading and unloading.

ATTACHMENT

B: Supplemental Site Investigation (excerpt) –

Stratigraphic Cross-Section

(Geosyntec, 2018)



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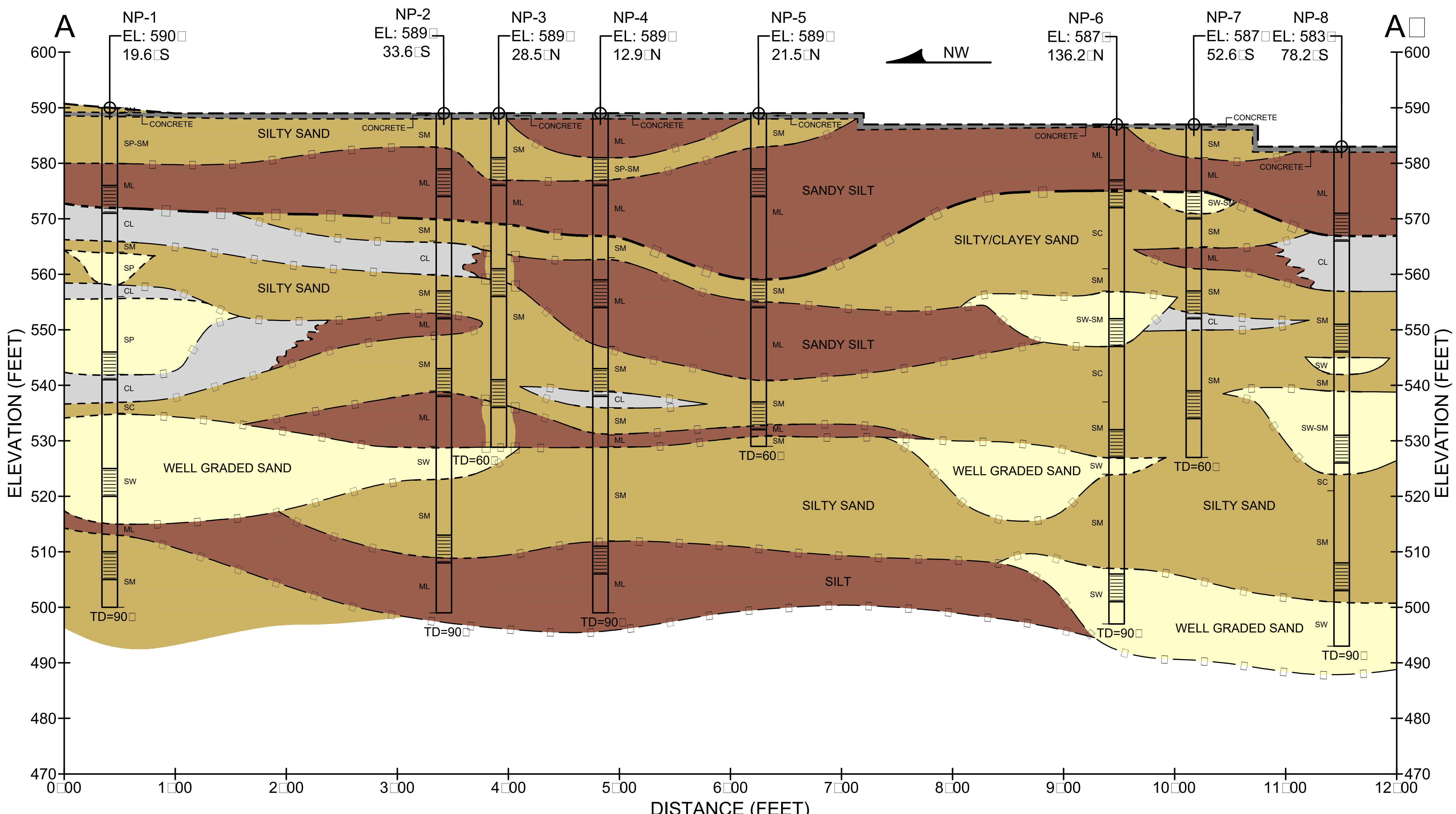

LEGEND

⌖	PROJECTED LOCATION OF BORING
	CONCRETE
	WELL GRADED SANDS (SW) AND POORLY GRADED SANDS (SP)
	SILTY SANDS (SM) AND CLAYEY SANDS (SC)
	SILTS AND SANDY SILTS (ML)
	CLAYS AND SANDY CLAY (CL)
	PROBE SCREEN

0 100
HORIZONTAL SCALE

0 20
VERTICAL SCALE

NOTE:

1. SUBSURFACE CONDITIONS VARY AWAY FROM BORING LOCATIONS AND WITH PASSAGE OF TIME.
2. CROSS SECTION A-A' SHOWN IN PLAN VIEW IN FIGURE 7.

STRATIGRAPHIC CROSS SECTION A-A□
777 N. FRONT STREET
BURBANK, CALIFORNIA

Geosyntec consultants

PROJECT NO: HR1305D | APRIL 2018

FIGURE 8

ATTACHMENT

C: Site-Specific Health and Safety Plan – Pre-Construction Draft

(Geosyntec, 2018)

Prepared for

Northridge Properties
15505 Roscoe Boulevard
North Hills, California 91343
and
SJ4 Burbank LLC
1880 Century Park East,
Suite 600
Los Angeles, California
90067

DRAFT* HEALTH AND SAFETY PLAN

(*will be updated pre-construction)

777 North Front Street

Burbank, California

Prepared by

Geosyntec consultants

engineers | scientists | innovators

2100 Main Street, Suite 150
Huntington Beach, California 92648

Telephone: (714) 969-0800
Fax: (714) 969-0820
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Project Number HR1305E

September 2018

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H&S INCIDENT RESPONSE PRODECURES

CHOOSE THE RIGHT PATH

Life-Threatening Emergency → Immediately dial 911 or the local emergency number → Transport to medical facility → Notify H&S team → Notify your manager → Manager completes and files Incident Report within 24 hours

Non Life-Threatening Incident or Emergency → Notify your manager and the H&S team → If H&S team cannnot be reached, notify WorkCare, 888-449-7787 → H&S or WorkCare will help determine the appropriate level of care → Seek out care or apply first aid → Manager completes and files Incident Report within 24 hours

Near Miss Incident → File Near Miss Report within 24 hours

For more Information:
All work-related injuries, illnesses, and near-miss situations, to include vehicle accidents and general liability claims, must be documented and reported to the Health and Safety (H&S) team

Visit the H&S team on the intranet:
http://home.geosyntec.com/Corp/EHS/.

Dale Prokopchak
804-349-8067

West Region

Ersin Yalcin
404-435-4722
Southern Region

Mark Malchik
781-392-5440
North Region

Geosyntec consultants

ROUTE TO HOSPITAL

Providence St. Joseph Medical Center

818-843-5111

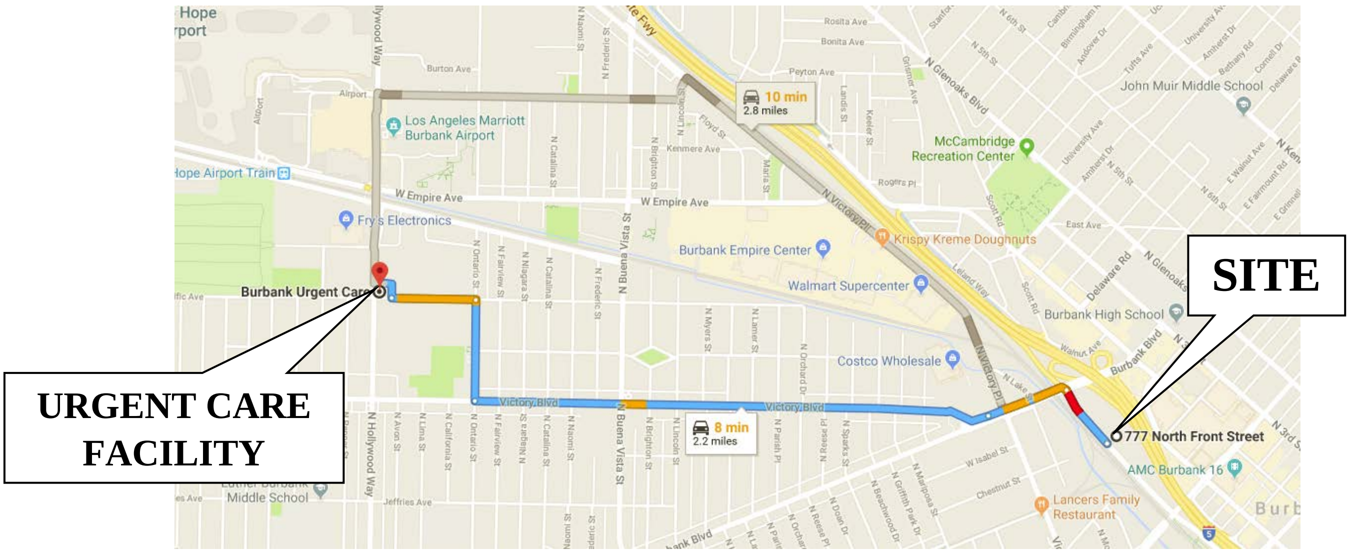
501 S Buena Vista St

Burbank, CA 91505

DIRECTIONS TO HOSPITAL FROM SITE

Take I-5 S and W Alameda Ave to your destination
1. Head northwest on N Front St toward W Burbank Blvd
2. Turn right onto W Burbank Blvd
3. Turn right to merge onto I-5 S toward Los Angeles
4. Take exit 145B for Alameda Ave
5. Keep right at the fork to stay on Exit 145B, follow signs for Alameda Ave W and merge onto W Alameda Ave
6. Turn left at S Frederic St
7. Turn right - Destination will be on the right

ROUTE TO URGENT CARE FACILITY



Burbank Occupational Health Center

818-953-4408

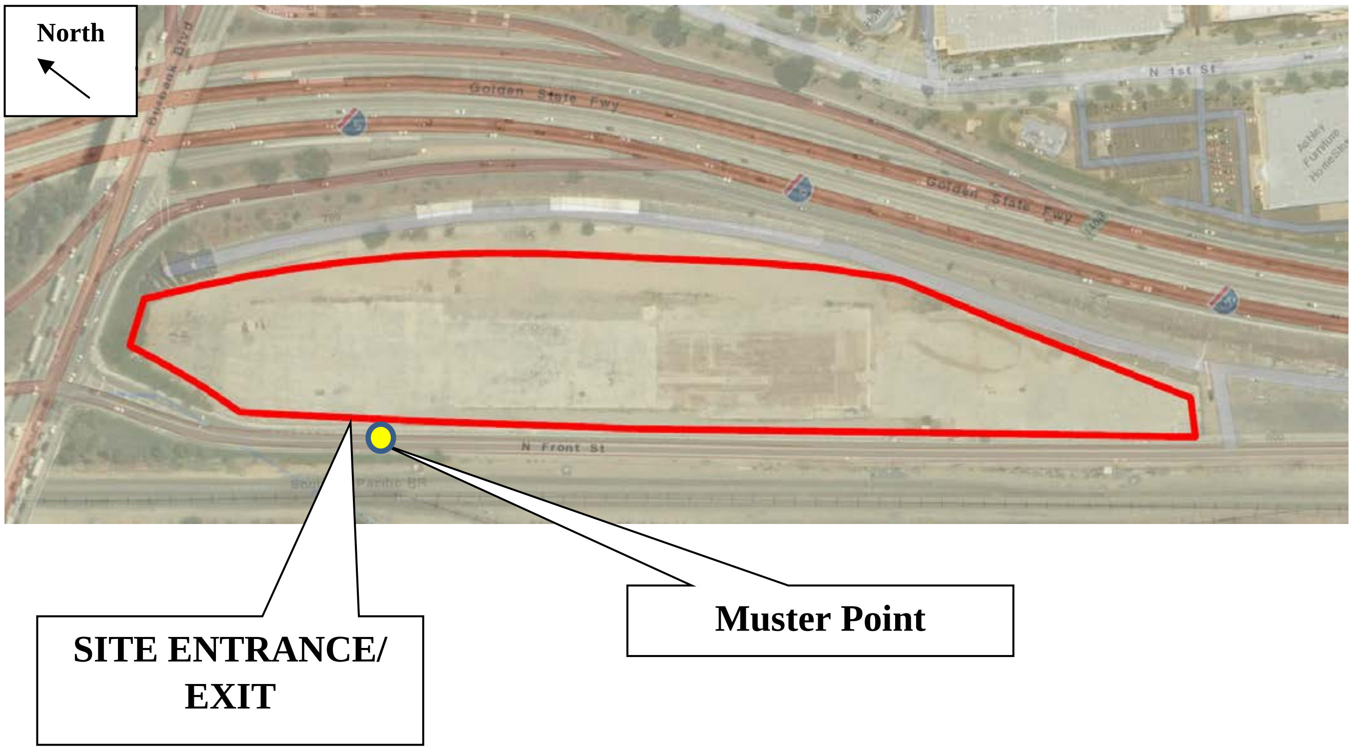
3413 W Pacific Ave

Burbank, CA 91505

DIRECTIONS TO URGENT CARE FACILITY FROM SITE

1. Head northwest on N Front St toward W Burbank Blvd
2. Turn left at the 1st cross street onto W Burbank Blvd
3. Keep right to continue on Victory Blvd
4. Turn right onto N Ontario St
5. Turn left onto W Pacific Ave
6. Turn right - Destination will be on the left

SITE MAP


North
Golden State Fwy
N 1st St
N Front St
SITE ENTRANCE/ EXIT
Muster Point

Geosyntec consultants

STOP WORK AUTHORITY

Each and every employee, contractor, subcontractor or consultant at the

777 Front Street project site

has the right, obligation, authority and responsibility to stop work if he or she considers working conditions or behaviors to be unsafe or may lead to an environmental release or excursion.

1. INTRODUCTION

This site-specific Health and Safety Plan (HASP) was prepared to address project-specific hazards known or suspected to be present associated with the existing conditions and work to be performed at the work site(s). This HASP was prepared to meet the requirements specified in Occupational Safety and Health (OSHA) Hazardous Waste Operations Emergency and Response (HAZWOPER) program, Geosyntec Consultants, Inc. (Geosyntec)'s Health and Safety (H&S) Procedure HS 301, and the H&S requirements of the client.

2. SIGNATURES

2.1 Preparers and Reviewers

This HASP must be maintained on-site when field work is being performed. The Site Health and Safety Officer (SHSO) can change or amend this document, in agreement with the Health and Safety Coordinator (HSC) or Project Manager (PM). Amendments (e.g., changes in personal protective equipment, addition of tasks, etc.) must be documented in Section 19 and in Appendix A. This HASP must be reviewed and amended on an annual basis for projects lasting more than one year.

Prepared by:

	____________________ SHSO	____________ Date

Reviewed by:

	____________________ HSC	____________ Date

Approved by:

	____________________ Project Manager	____________ Date

This HASP has been given to the following H&S approved subcontractor(s).

Subcontractor	Representative	Date
Subcontractor	Representative	Date
Subcontractor	Representative	Date

2.2 Site Workers

This HASP must be reviewed by personnel prior to site work. Workers not in attendance at the initial meeting must be trained by the SHSO on the information covered in the pre-entry briefing. After reading the HASP and attending a pre-entry briefing, Geosyntec employees and other parties covered under this HASP must sign the following acknowledgment statement.

"I have read, understand, and will perform my work in accordance with the information set forth in this HASP."

Signature	Printed Name	Date

3. EMERGENCY CONTACT INFORMATION

Contact	Telephone Numbers	
	Office	Alternate (Type)
Fire Department	818-238-3473	911
Police Department	818-238-3000	911
Site Emergency Response (if applicable)	-	-
Hospital – Providence St. Joseph Medical Center	818-843-5111	-
Director of H&S – Dale Prokopchak	(804) 332-6376	(804) 349-8067 (Cell)
H&S Regional Manager – Gary *Pons*	(714) 465-1255	(714) 519-4812 (Cell)
Project Manager – Mital Desai	(626) 788-4634	(818) 808-6189 (Cell)
Site Health & Safety Officer – Goodwin Wharton	(714) 465-1258	(413) 301-3925 (Cell)
H&S Coordinator – Molly Small	(714) 465-1229	(209) 648-9176 (Cell)
Principal-in-Charge – Eric Smalstig	(714) 465-1219	(714) 501-8903 (Cell)
Utility Emergencies	811	
Work Care	(888) 449-7787	(714) 978-7488
Facility Contact	TBD	TBD
Client Contact	TBD	TBD
Subcontractor	TBD	TBD
Subcontractor	TBD	TBD

4. APPLICABILITY OF THIS HASP

This HASP was prepared in accordance with Geosyntec's H&S Procedures for use by Geosyntec project staff and subcontractors. Subcontractors, at a minimum, shall ensure that their employees, and those of its lower tier subcontractors, comply with these procedures and other health, safety and security provisions in the Subcontract. Compliance with this HASP shall represent the minimum requirements to be met by subcontractors, who shall be responsible for examining all requirements and determining whether additional or more stringent health, safety and security provisions are appropriate for their portion of the work and implementing them accordingly. Therefore, for firms executing all or any portion of the work, this document and its contents should not be used without a thorough peer review by their health and safety managers. Prior to commencing work, such firms are responsible for reviewing and supplementing the HASP to add appropriate procedures specific to their portion of the work.

5. SITE/TASK/HAZARD DESCRIPTION

5.1 Site Background

The following is a brief description of the site, including information as to the location, approximate size, previous usage, and current usage. A description of the tasks to be performed is also presented.

Site Location:	Former Zero Corporation 777 Front Street, Burbank, CA
Approximate Size of Site:	8 +/- acres
Previous Site Usage:	Manufacturing. Operations included galvanizing, vulcanizing, plating, welding, metalwork, aluminum case drawing and washing, aluminum alodining (a metal coating process involving chromium and aluminum), chromate deoxidizing, steel phosphate coating and chromium sealing.
Current Site Usage:	Vacant

Description of Surrounding Property/Population:

North: Freeway I - 5 **East:** Freeway I - 5

South: Industrial/Commercial **West:** Front Street and Indstrial

Summary of Previous Site Investigations (if available/applicable):

General environmental characterization:
The Site is primarily known to be impacted with volatile organic compounds (VOCs) and metals due to its historical operations. Select metals (specifically lead, copper, and zinc) at concentrations above generally accepted regional background levels were encountered in samples collected from Site at shallow depths (approximately 20 to 30 ft bgs) and VOC were found in the northwestern-central area upto 90 ft bgs. Tetrachloroethylene (PCE) and trichloroethylene (TCE), and related breakdown products, are the primary VOCs found in soil and soil vapor at the Site. The Site's soil and soil vapor are known to pose a risk to human health above the applicable threshold in the northwestern-central portion of the Site.

5.2 Task Descriptions

Task 1: Exacavtion/Confirmation Sampling/Disposal

Remedial excavation will be conducted in areas known to be impacted with COCs by licensed contractors. Soil samples will be collected from excavated areas from the surface of the excavation by hand (where accessible) or from the bucket of an excavator or backhoe; from the stockpiles by hand; from the surface by hand; or from the subsurface using a hand auger, shovel, excavator or backhoe in accordance with the Soil Management Plan. Subcontractors will then appropriately manage/dispose of the excavated soil. Potential Hazards: excavation/trenching, dust inhalation from metal and VOC-impacted soils, heavy equipment, utility related hazards, slips/trips/falls, noise, heat stress, sample handling. For further details, see the Task Hazard Analysis (THA) in Appendix B.

Task 2: Installation of Engineering Control to Mitigate Vapor Intrusion

This task will entail performing Quality Assurance/Quality Control (QA/QC) procedures during installation of various barrier components by subcontractors. Potential Hazards: heavy equipment, manual hand tools, heavy lifting, slips, trips and falls, noise, heat stress. For further details, see the THA in Appendix B.

Task 3: Soil Vapor Extraction (SVE) System Installation and Operation

This task will entail oversight of contractors involved in drilling/installation of SVE wells, installation of underground/aboveground piping, and the aboveground treatment compound with appropriate equipment. After installation, operation and maintenance of the SVE system will be performed to meet the remedial objectives. Potential Hazards: drilling, excavation/trenching, heavy equipment, heavy lifting, electrical, slips/trips/falls, ladder safety, noise, heat stress, traffic/urban. For further details, see the THA in Appendix B.

Task 4:

Placeholder – as and when appropriate, please insert task-specific work deserving of specific safety protocols.

Task 5:

Placeholder – as and when appropriate, please insert task-specific work deserving of specific safety protocols.

Task Hazard Analyses (THAs) associated with these tasks are presented in Appendix B.

5.3 Chemical Hazards

The classes of chemicals that are known or suspected to be present that may be encountered while performing site work include the following:

- Chlorinated volatile organic compounds (VOCs)
- Metals

Controls for these hazards are presented in the THAs included in Appendix B. A summary of these chemical hazards is presented in Appendix C.

5.4 Physical Hazards

The following physical hazards have been identified associated with the work to be performed and the site conditions:

- Downhole logging
- Drilling
- Drum and container handling
- Electrocution
- Excavation/Trenching
- Eye injury
- Fall protection
- Flash flood
- Hand/Foot injury
- Heat stress
- Heavy equipment
- Knives/Blades
- Lifting heavy loads
- Lockout/Tagout
- Loud noise/Vibration

- Portable power/Hand tool
- Slips, trips, and falls
- Thoroughfares/Traffic
- Truck crane
- Urban environments
- Utility protection
- Welding and cutting

Controls for these hazards are presented in the THAs included in Appendix B.

5.5 Biological Hazards

The following biological hazards have been identified associated with the work to be performed and the site conditions:

- No biological hazards have been identified associated with the work to be performed and the site conditions.

6. GENERAL SAFE WORK PRACTICES

The following general safe work practices must be adhered to while performing site work:

- Basic personal protective equipment (PPE) shall be worn, including hard hats, safety glasses, hard-toed boots, and high-visibility vests. If conditions allow, the requirement for hard hats and hard-toed boots may be reduced with approval of the SHSO and PM.
- Minimize contact with impacted materials. Do not place equipment on the ground. Do not sit or kneel on potentially contaminated surfaces.
- Smoking, eating, or drinking after entering the work zone and before personal decontamination is not allowed. Employees who are suspected of being under the influence of illegal drugs or alcohol will be removed from the site. Workers taking prescribed medication that may cause drowsiness shall not operate heavy equipment and are prohibited from performing tasks where Level C or B PPE is required.

- Practice good housekeeping.
- Use of contact lenses is not allowed under certain hazardous working conditions.
- The following conditions must be observed when operating a motor vehicle:
  - Wearing of seat belts is mandatory.
  - The use of headlights is mandatory during periods of rain, fog, or other adverse weather or low-light conditions.
  - A backup warning system or use of vehicle horn is mandatory when the vehicle is engaged in a backward motion.
  - Posted traffic signs and directions from flagmen must be observed.
  - Equipment and/or samples transported in vehicles must be secured from movement.
  - The use of vehicles acquired by Geosyntec by non-Geosyntec personnel is prohibited.
- In an unknown situation, always assume the worst reasonable conditions.
- Be observant of your immediate surroundings and the surroundings of others. It is a team effort to notice and warn of dangerous situations. Withdrawal from a hazardous situation to reassess procedures is the preferred course of action.
- Conflicting situations may arise concerning safety requirements and working conditions. These must be addressed and resolved rapidly by the SHSO and PM to relieve motivations or pressures to circumvent established safety policies.
- Unauthorized breaches of specified safety protocol are not allowed. Workers unwilling or unable to comply with established procedures will be asked to leave the work site.

7. EMERGENCY RESPONSE

This section discusses emergency response procedures and response equipment to be maintained on-site. A table presenting a list of contacts and telephone numbers for the applicable local and off-site emergency responders is provided inside the front cover of this HASP (after figures).

7.1 Injury and Emergency Response Procedures

In the event of an **injury** to an employee, the instructions for injury response and reporting, located in the front of this HASP, must be implemented immediately. In the event that an **emergency** develops, the following procedures are to be implemented:

- The SHSO, or designated alternate, should be immediately notified via the on-site communication system. The SHSO assumes control of the emergency response.
- If applicable, the SHSO must immediately notify off-site emergency responders (e.g., fire department, hospital, police department, etc.) and must inform the response team of the nature and location of the emergency on-site.
- If applicable, the SHSO may call for evacuation of the site. Site workers should move to their respective refuge stations using the evacuation routes provided on the Site Map.
- For small fires, flames should be extinguished using the appropriate type of fire extinguisher. Large fires should be handled by the local fire department.
- If a worker is injured, the procedures presented in “Instructions for Injury Response,” located in the front of this HASP, must be implemented immediately.
- After an incident has stabilized, the procedures presented in “Instructions for Incident Reporting,” located in the front of this HASP, must be followed.

7.2 Emergency Response Equipment

Emergency response equipment will be maintained in the work area as necessary for this project. Examples of emergency response equipment include first aid kits, fire extinguishers (Type ABC), and eyewash bottles.

8. KEY PERSONNEL AND HEALTH AND SAFETY RESPONSIBILITIES

Project personnel and their responsibilities in regard to health and safety concerns on this project are as follows:

Project Manager (PM): Mital Desai

- Approve this HASP and amendments, if any;
- Monitor the field logbooks for health and safety work practices employed;
- Coordinate with SHSO so that emergency response procedures are implemented;
- Check that corrective actions are implemented;
- Check and document that qualified personnel receive this plan and are aware of its provisions and potential hazards associated with site operations, and that they are instructed in safe work practices and familiar with emergency response procedures; and
- Provide for appropriate monitoring, PPE, and decontamination materials.

Site Health and Safety Officer (SHSO): Goodwin Wharton

- Prepare and implement project HASP and amendments, if any, and report to the PM for action if deviations from the anticipated conditions exist and authorize the cessation of work if necessary;
- Check that site personnel meet the training and medical requirements;
- Conduct pre-entry briefing and daily tailgate safety meetings;
- Check that monitoring equipment and PPE are operating correctly according to manufacturer's instructions and such equipment is utilized by on-site personnel. Calibrate or check calibration of monitoring equipment and record results;
- Check that decontamination procedures are being implemented;
- Implement site emergency response and follow-up procedures;
- Notify the HSC in the event an emergency occurs; and
- Perform and document weekly inspections.

Health and Safety Coordinator: Molly Small

- Review and audit HASP and amendments;
- Notify Director of H&S when an emergency occurs;
- Assist with the implementation of the corporate health and safety program; and
- Consult with staff on health and safety issues.

Site Workers:

- Provide verification of required health and safety training and medical surveillance prior to arriving at the site;
- Notify supervisors of workplace accomodation requirements as the result of physical limitations or medical conditions;
- Attend pre-entry briefings and daily tailgate safety meetings;
- Immediately report accidents and/or unsafe conditions to the SHSO;
- Be familiar with and abide by the HASP; and
- Be ultimately responsible for his or her own safety.

9. WORKER TRAINING AND MEDICAL SURVEILLANCE

Personnel involved in field activities subject to OSHA HAZWOPER 29 Code of Federal Regulations (CFR) 1910.120 will be required to participate in both a health and safety training program that complies with criteria primarily set forth by the OSHA HAZWOPER in 29 CFR 1910.120(e) and a medical surveillance program covered under 29 CFR 1910.120(f), or equivalent regulations based on the jurisdiction in which the project is performed.

9.1 Pre-Assignment and Annual Refresher Training

Prior to arrival on-site, the Geosyntec PM will be responsible for monitoring that their staff meet the requirements of pre-assignment training (40/24 hours per Procedure HS 301). In addition, personnel must be able to document dates of attendance at an annual 8-hour refresher and three days of fieldwork under a qualified supervisor. Failure to provide this documentation will prohibit entry to the active work area(s) (i.e., Exclusion Zone).

9.2 Site Supervisor Training

Consistent with OSHA 29 CFR 1910.120 (e)(4), prior to arrival on-site, individuals designated as site supervisors require an additional eight hours of specialized training.

9.3 Initial Site Safety Orientation and HASP Review

In addition to complying with 29 CFR 1910(e), site personnel will attend an initial safety orientation during which the HASP and applicable THAs will be reviewed prior to initiating field activities. This review will include the following:

- Understanding the lines of authority regarding health and safety and site personnel roles and responsibilities;
- Information of specific hazard agents related to the site and site operations will be discussed, such as health hazards of site chemicals and specific safety hazards of processes, tools, and equipment;
- Training in the proper use, maintenance, and decon protocol of PPE and Level(s) of Protection;
- Appropriate work practices and engineering controls to reduce/eliminate exposures to site hazards will be reviewed;
- Personnel will be informed of means for normal site and emergency communication(s);
- Air monitoring strategies will be discussed to include the frequency/types, action levels, sampling techniques, pre/post calibration techniques;
- Unique/site specific medical surveillance requirements that need to be considered based on site contaminants;
- Understanding site control measures, work zones, and proper decontamination procedures for personnel/tools/vehicles, etc. to reduce the potential for both on-/off-site contamination;
- Personnel will be trained to respond quickly and properly in the event of an emergency; and
- Personnel involved in specific hazardous activities, such as confined space entry, drum handling, sampling unknowns, etc. will receive specialized training in the appropriate techniques to employ prior to commencing these operations.

9.4 Baseline Medical Surveillance Exam

The baseline medical examination is used to identify physical capabilities and certain medical limitations that may have an impact on the candidate's ability to perform in the position and/or job activity for which he/she is being considered, as well as to establish certain baseline medical parameters. The initial test results can then be compared against future periodic or project-specific monitoring results.

Specific protocols may be required related to blood lead monitoring (related to the remaining subsections within this Section 9) – these procedures are individual-specific not specifically listed herein in this draft THA, and are to be discussed with the medical professionals managing the medical surveillance program.

9.5 Periodic/Annual/Biennial Medical Exam

The periodic medical examination is used to evaluate an employee's continued fitness for duty and to assess possible impact(s) occupational exposures may have had on their health status. The periodic examination includes an update to the medical and work history, results of previous occupational exposure assessments, and a detailed medical exam tailored to the job description.

The Medical Director from WorkCare determines the frequency of the periodic medical exams based on regulatory requirements, the position/work activities of the employee, and the level of exposure to physical, chemical, and biological agents.

9.6 Exposure/Activity/Project-Specific Medical Testing

Exposure-specific medical tests and/or evaluation of biological indices may be conducted to establish a baseline for certain project-specific parameters, to monitor the effectiveness of hazard controls, and/or to assess the impact of occupational exposures associated with a particular work activity or project. The Medical Director, in coordination with the H&S Department, will require or recommend an exposure-specific exam when deemed appropriate based on knowledge of project hazards, occurance of employee health symptoms, or an unexpected exposure event. Requests for exposure-specific examinations will be forwarded to the H&S Department, who will process the requests in collaboration with the Medical Director. The Medical Director will determine the type and frequency of the exposure-specific medical exams for employees designated to participate based on sound medical practice, latest toxicology information, and current regulatory requirements.

9.7 Exit Exam

An exit medical examination is offered when an employee leaves the medical surveillance program, either because of termination of employment with Geosyntec or because of reassignment to a position not designated or identified to participate in the medical surveillance program. This optional exit examination may be used to assess potential changes in medical status that have occurred during the course of employees' previous work activities, and to establish a medical baseline at the time of departure.

9.8 Exit/Termination

An exit medical examination is offered when an employee leaves the medical surveillance program, either because of termination of employment with Geosyntec or because of reassignment to a position not designated or identified to participate in the medical surveillance program. This optional exit examination assesses potential adverse impacts occupational exposures may have contributed to the employee's health status.

10. MAPS AND SITE CONTROL

10.1 Routes to Hospital and Urgent Care Facility

A hospital and an urgent care facility near the site have been identified. Maps to the hospital and urgent care are included after the Table of Contents of this HASP. Both figures also include the facility name and phone number.

10.2 Site Map

A site map is located inside the cover of this HASP. The site map is intended to show the location of the work zone(s), to provide on-site orientation, and to delineate evacuation routes. Changes may be made to the site map by the SHSO based on changing site conditions. The site map should be accessible in the work area.

10.3 Buddy System

The buddy system is required when work is performed in hazardous areas. The buddy system includes maintaining regular contact with one or more onsite Geosyntec personnel, clients, and/or contractors to periodically check on the condition of site workers such that each employee in the work group is observed by (or in verbal contact with) at least one other employee in the work group. For field visits with only one employee onsite, the buddy system shall be implemented via periodic telephone contact with offsite Geosyntec personnel.The purpose of the buddy system is to provide rapid assistance to employees in the event of an emergency.

10.4 Controlled Work Zones

APPLIES TO TASK: ☐① ☐② ☐③ ☐④ ☐⑤ ☐⑥ ☐⑦ ☐⑧ ☒ NOT APPLICABLE
(NA at this time – zones will be developed by the Construction Contractor / Construction Manager)

Three controlled work zones, including an Exclusion Zone, a Contaminant Reduction Zone (CRZ), and a Support Zone, are required for the task(s) indicated above. Geosyntec employees must not be allowed into the CRZ or Exclusion Zone or the Work Zone until they have received the proper personal protective equipment (PPE) and they have read, understand, and meet the requirements outlined in this HASP. The Exclusion Zone is defined as the area on site where contamination is suspected and tasks are to be performed. The CRZ is defined as the area where equipment and workers are to be decontaminated as they leave the Exclusion Zone. The Support Zone is defined as the command area and may serve as a staging and storage area for supplies. The location and extent of the work zones may be modified as necessary as site investigation information becomes available. For sites that do not require the three controlled work zones, the area(s) where work is to be performed shall be called the Work Zone.

Visitors to the site may need to be continually escorted for safety purposes. Visitors under Geosyntec's direction need to check in with the SHSO upon visiting the site.

For the tasks identified above, the boundaries of the Exclusion Zone, CRZ, and Support Zone, or the Work Zone, shall be marked using appropriate methods, including but not limited to warning tape, signs, traffic cones, fencing, or other appropriate means.

10.5 Site Access

Certain sites require controlled access to the work area. Examples of access controls include sign in/sign out logs, checking in with guards, and donning identification badges. Geosyntec personnel will adhere to the site-specific access requirements and monitor that subcontractors and other Geosytnec visitors abide by site-specific access control requirements.

10.6 <u>Inspections</u>

☒ APPLICABLE ☐ NOT APPLICABLE

Based on the hazards identified for the project, periodic health and safety inspections may be performed. The H&S Inspection Checklist records should be kept on file at the project site. The frequency for periodic inspections is:

☐ Weekly

☒ Monthly

☐ Other: ______________________

11. TAILGATE MEETINGS

Tailgate meetings must be held daily prior to starting work to discuss important health and safety issues concerning tasks to be performed during that shift. Non-Geosyntec site workers should also communicate health and safety concerns associated with the tasks they will be performing. Topics discussed in the tailgate meetings must be documented.

12. STOP WORK AUTHORITY

In accordance with the Company's Procedure HS 203 – Stop Work Authority, Geosyntec personnel and subcontractor personnel have the authority and responsibility to issue a Stop Work Order if unsafe actions and/or conditions are identified. The Stop Work Authority (SWA) process involves a stop, notify, correct, and resume approach for resolving observed unsafe work actions or conditions. The person issuing the work stoppage will first notify workers engaged in or affected by the unsafe activity or condition and require that associated work be stopped. After this Stop Work Order is issued, the Geosyntec project manager and the supervisors for affected or concerned contractors will also be notified. The Geosyntec project manager will document the issuance of the Stop Work Order on the form provided in Procedure HS 203. Work will not resume until the issues and concerns of the Stop Work Order have been adequately addressed.

13. AIR MONITORING

APPLIES TO TASK: ☒① ☐② ☒③ ☐④ ☐⑤ ☐⑥ ☐⑦ ☐⑧ ☐ NOT APPLICABLE

Air monitoring will be performed to evaluate airborne chemical and/or dust exposure levels within the breathing zone of site workers. Hazardous conditions may include concentrations that may cause acute or chronic illness, potential oxygen deficient environments, or potential explosive environments. Air monitoring may also be performed to evaluate the adequacy of engineering, administrative, and/or PPE controls. Air monitoring may be "real-time" (e.g., the instrument provides immediate results at the project), using multi-gas meters, photoionization detectors (PIDs), or colorimetric tubes. Personal monitoring may also be performed by collecting samples and forwarding to a laboratory for analysis and quantification.

The type(s) of air monitoring equipment required and associated action levels are outlined in Appendix D. Monitoring equipment must be calibrated based on the manufacturer's requirements. Calibration results and air monitoring measurements must be documented. Based on the results noted and site activities or scope of work changes, the frequency of air monitoring may be adjusted on site by the SHSO with the consent of the Project Manager and communication with the HSC.

14. PERSONAL PROTECTIVE EQUIPMENT

The levels of PPE required for each task are presented in Appendix E. Required equipment and types of protective clothing materials, as well as an indication of the initial level of protection to be utilized, are listed. The level of protection may be upgraded or downgraded by the SHSO according to controls requirements in Appendix E or according to action levels provided in Appendix D.

If respirators are worn, workers must abide by the company's Respiratory Protection Program in accordance with company's Respiratory Protection Program (HS 112).

15. DECONTAMINATION

The SHSO and Project Manager will determine the type and level of decontamination procedures for both personnel and equipment based on evaluation of specific work activities in the controlled work zones. Medical treatment will take precedence over decontamination in the event of a life threatening and/or serious injury/illness. Personnel will perform decontamination in designated and identified areas upon leaving “hot zones” where the potential exists for exposure to hazardous chemical, biological, or environmental conditions.

Decontamination of personnel in Level D (modified) will consist of proper containerization and disposal of coveralls, disposable boots, and gloves (if applicable).

Decontamination of personnel in Level C, if applicable, will consist, at a minimum, of:

- Removal and cleaning/disposal of boot covers, coveralls, and outer gloves;
- Removal, cleaning, and storage of respiratory protection;
- Washing of non-disposable PPE suspected of being contaminated using a soap solution followed by a water rinse; and
- Removal and disposal of inner gloves.

Hand tools and sampling equipment shall be decontaminated as needed by washing in decontamination basins with appropriate solutions, or, if possible, by dry decontamination. Wash solutions and PPE may require disposal at a licensed waste facility.

16. SPILL CONTAINMENT

The task(s) for this project may involve the handling of drums and/or containers that contain stored chemicals, hazardous materials, and/or wastes. The drums and/or containers may have been spilled/dislodged during site activities due to compromised construction of the drum/container, transportation accidents, improper packaging practices, and improper handling of hazardous materials during on/off loading. Containers shall be inspected and their integrity assured prior to being moved and/or handled. If the integrity of the container is in question, the container shall be over packed or its contents transferred. Operations shall be organized and coordinated to limit movement of such containers. Where spills, leaks, or ruptures may potentially occur, a supply of sorbents shall be located in the immediate area. Additional preventative measures include:

- UN-approved 55-gallon drums, bins, and/or Baker tanks will be inspected for visible defects upon delivery to the site;

- UN-approved 55-galon drums will also be inspected to ensure each drum includes a resealable lid with a small resealable sampling port near the top, or on the side of the drum and that the enclosure is not deformed and/or distorted;
- Drums will not be completely filled to allow for possible expansion of liquid and will be set on wooden pallets to facilitate transport by forklift;
- The storage area will be inspected to check for leaks weekly while the containers are being filled and immediately after a relocation to a temporary on-site storage area; and
- Flat areas will be selected for temporary storage away from high-traffic work areas/zones and storm/sewer drains.

In the event of an unplanned release or spill of unknown or hazardous substances, the site supervisor will designate personnel who will support the spill containment, control, and/or clean-up procedures. The team will request additional off-site emergency response assistance if necessary based on the type of spill, volume, potential toxicity, etc.

The spill area will be isolated and restricted to only authorized personnel designated to assist with the containment, control, or clean-up activity. Authorized personnel will be trained to contain and clean spills from typical materials and quantities used at the project location. Physical barriers will be set up to warn unauthorized personnel to stay clear and evacuate the affected area. The spill, leak, or incident will be assessed by the team and characterized to determine the appropriate course(s) of action(s) to consider:

- Small spills (i.e., maximum volume of 55 gallons of a liquid or 100 pounds of a solid) may be remediated using absorbent materials by designated personnel;
- Large spills (i.e., liquid volumes greater than 55 gallons or solid weights greater than 100 pounds) and/or spills of highly toxic materials may require assistance by off-site hazardous materials (HAZMAT) teams;
- Attempts shall be made to identify and stop the source(s) of spillage immediately while donning proper PPE (based on action levels and the air monitoring program) and performing air monitoring;
- The site supervisor will direct spill-response operations and stay at the spill area until it has been cleaned, inspected, and cleared for re-entry; and

- The site supervisor will prepare a spill incident and clean-up report and will communicate findings to the Project and Branch Manager and H&S Department.

17. CONFINED SPACE ENTRY

☐ APPLICABLE ☒ NOT APPLICABLE

The task(s) for this project involve confined-space entry. Workers must abide by the company's Confined Space Entry Program (Procedure HS 118).

18. GLOBALLY-HARMONIZED SYSTEM FOR HAZARD COMMUNICATION

☒ APPLICABLE ☐ NOT APPLICABLE

The following procedures must be followed for chemicals brought onto the site by Geosyntec personnel or by subcontractors (i.e., decontamination solution, sampling preservatives, metals stabilizers, etc.) while performing the tasks of this project:

- Labels on primary chemical containers must not be defaced;
- Chemicals must be stored in appropriate storage containers;
- Secondary containers and storage cabinets must be correctly and clearly labeled;
- Chemicals incompatible with each other must not be stored together;
- Workers must receive training on the chemical hazards; and
- Safety Data Sheets (SDSs) must be added to Appendix F.

When chemicals are used on-site, workers must abide by Geosyntec's GHS Hazard Communication Program (Procedure HS 115).

19. HASP AMENDMENTS

Over the course of this project, it is possible that the project-specific hazards and working conditions will change. This HASP may be reviewed and amended as necessary to effectively describe the changing working conditions and measures to mitigate the potential health and safety issues that may arise during the project. Amendments to the HASP should be briefly described in the following spaces provided. The full text of the amendments should be provided in Appendix A and/or additional THAs should be added to Appendix B.

AMENDMENT 1:

Date: __________ Project Manager: ________________ HSC: ______________

Brief Description of Amendment:

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AMENDMENT 2:

Date: __________ Project Manager: ________________ HSC: ______________

Brief Description of Amendment:

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UPDATE ENTIRE DOCUMENT AFTER ALL EDITS MADE:
Ctrl+a to select all, then F9 to update all references to Appendices, Table of Contents, etc.

Appendix A: HASP Amendments

Discuss details of amendments to this HASP here. Include amendment number, date, and details of amendments.

Appendix B: Task Hazard Analyses

TASKS	
① Excavation/Confirmation Sampling/Disposal	⑤
② Installation of Engineering Contols to Mitigate Vapor Intrusion	⑥
③ SVE System Installation and Operation	⑦
④	⑧

THAs for these tasks are presented in the following pages.

Geosyntec consultants

TASK HAZARD ANALYSIS (Ver. 2, June 2015)

Geosyntec HS Procedures referenced herein are available on Geosyntec's H&S SharePoint site and should be consulted, as appropriate, per project-specific needs. This TEHA prepared per HS-106-Accident Prevention Program, HS-204-Task Hazard Analysis, and meets the requirements for a "Site-Specific Health and Safety Plan" per Geosyntec HS Procedures and regulations referenced herein (see Section B.14.).

PART A – SITE SAFETY PLAN

A.1. PROJECT/TASK INFORMATION

TASK:	Excavation/Confirmation Sampling/Disposal		
Project Name:	777 Front Street RP	**Project Number/Org:**	HR1305E/1430
Project Address:	777 Front Street, Burbank, CA		
Description of Task & Worksite:	Oversee excavation of impacted soil, collect confirmation samples and oversee off-site disposal of the excavated soil		

Geosyntec Personnel	Name	Desktop Office Phone	Mobile Phone
Site Lead/HS Officer	Goodwin Wharton	(714) 465-1258	(413) 301-3925 (Cell)
Project Manager	Mital Dessai	(626) 788-4634	(818) 808-6189 (Cell)
Project Director	Eric Smalstig	(714) 465-1219	(714) 501-8903 (Cell)
HS Coordinator	Molly Small	(714) 465-1229	(209) 648-9176 (Cell)
HS Mngr.	Gary Pons	(714) 465-1255	(714) 519-4812 (Cell)
Corp. HS Director	Dale Prokopchak	804-332-6376	804-349-8067
Client Contact(s):	Developer	number	number
Subcontractor(s):	☐ Not Applicable ☐ Applicable, provide contact information below: Subcontractors will be determined later		

A.2. EMERGENCY RESPONSE
Based on analysis of worksite factors, client/regulatory requirements, availability of emergency services.

Consider all Relevant Risk Factors & Response Procedures *(fire/explosion, medical, chemicals/spills, security, site factors, weather, communications)*.
EXPLANATORY NOTES, CLARIFICATIONS:

Available Means of Jobsite Emergency Communication/Alerting	☒ Verbal ☒ Mobile Phone ☐ Land Line ☐ 2-Way Radio ☐ On-site alarm/signal system ☐ Other:
To Summon Emergency Services Police, Fire, Ambulance	☒ **DIAL 911**, for external responders ☒ **Other**: Burbank Fire Department
Other Emergency Contacts, as needed *(such as security, spill responder, utility):*	
Nearest Emergency Medical Services	Hospital Name: Providence St. Joseph Medical Center Address: 501 S. Buena Vista St, Burbank, CA 91505 Phone #: (818) 843-5111 ☒ See Attached Directions in HASP
For **Non-Emergency Urgent Care**	Contact WorkCare at 888-449-7787
Job-site **Evacuation** Procedure, Rally Point, Place of refuge:	Proceed to exit the site from the entrance/exit located on the Front Street to the muster point marked on the site map (page Viii of HASP)
Special Emergency Equipment/Procedures	NA

IMPORTANT: After initial emergency response actions and incident stabilization, contact appropriate project personnel listed in Part A.1.

A.3. SUMMARY OF WORK STEPS, HAZARDS, CONTROLS
Based on **PART B, "HAZARD ANALYSIS,"** and worksite/client/project factors.

Summary/outline of work steps/hazards/controls, with references to applicable Sections in Parts B and C, as applicable:

WORK STEPS	HAZARDS	CONTROLS
Travel to and from site	*Refer to B.1*	*Refer to B.1*
Provide subcontractor oversight during excavation, collect confirmation sampling and oversee disposal activties	*Refer to B.1, B.2, B.7, B.9, B.14 and C.1*	*Refer to B.1, B.2, B.7, B.9, B.14 and C.1*

A.4. HS&E EQUIPMENT LIST
List worksite equipment for worker protection; provide details in Explanatory Notes, Clarifications.

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**ROUTINE PPE**	☒ Standard work clothes appropriate for task ☒ Hard-toed boots/shoes ☒ Hardhat ☒ Safety glasses	☒ Work gloves appropriate for task ☒ Noise/hearing protection ☒ High-visibility/reflective vest
		☐ Basic PPE for protection from low-hazard chemical contact & dust (nitrile gloves, Tyvek suit, dust mask, boot covers).	
☒	**ROUTINE HS&E EQUIPMENT/GEAR**	☒ First Aid Kit ☒ Fire extinguisher ☒ Emergency eyewash bottle(s) ☐ Insect control (repellant, wasp spray, other) ☒ Caution tape	☒ Sun protection (sunscreen, shade canopy, other) ☒ Project-supplied drinking water and/or hygiene facilities ☐ Absorbent matting/roll ☒ Vehicle emergency kit (flares, lights, reflective device) ☐ Traffic control warning devices (cones, or similar)
		☐ Other:	

☐	**NON-ROUTINE PERSONAL PROTECTIVE EQUIPMENT (PPE)** (Indicate specific types of PPE in Explanatory Notes, Clarifications)	☐ Goggles and/or face shield ☐ Chemical protective gloves ☐ Coveralls (Tyvek, or other) ☐ Outer boots, boot covers	☐ Disposable n-95 dust mask ☐ Half-face respirator (APR), cartridges ☐ Full-face respirator (APR), cartridges ☐ Personal flotation device	☐ Fire retardant clothing ☐ Arc Flash Protection ☐ Electrical-Hazard-rated boots, gloves ☐ Personal fall apparatus
		☐ Other:		
☐	**SPECIAL HAZARD CONTROLS**	☐ Portable GFCI	☐ Lockout/tagout equipment	☐ Ventilation equipment (fan, blower)
		☐ Eyewash - 15 min. flow	☐ Emergency deluge shower	☐ Air horn, alarm
		☐ Other:		
☒	**DECON, PPE DISPOSAL**	☒ Receptacle for disposable PPE	☐ Hand washing provisions	☐ Decon solution, related supplies
		☐ Other:		
☒	**AIR MONITORING EQUIPMENT, OTHER EQUIPMENT FOR WORKER EXPOSURE TESTING**	List equipment/devices to be brought to worksite; Use in accordance with procedures in Part C: Photoionization Detector		

PART B – HAZARD ANALYSIS and CONTROLS *Complete Section B.1., then subsequent sections as applicable to the task(s).*

B.1. ROUTINE HAZARD PREPAREDNESS **This section required for all tasks.**

Explanatory Notes, Clarifications:

General Safety, Wellness, Preparedness – Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☒ **General premises** hazards - housekeeping, rough terrain, trip hazards, steep slope, remote location.
☒ **Weather/climate-related hazards** – heat stress/cold stress measures, sun screen, severe weather shelter/refuge, "30/30 rule" for lightning
☒ **Plant/Insect/Animal Hazards** - Precautions: poison ivy wash; insect repellant; check for ticks; hornet nest spray; animal precautions.
☒ **Worksite traffic hazards** – Implement measures to protect personnel (high visibility/reflective clothing, on-person lighting, traffic control measures).
☐ **Illumination hazards/night work** - Illuminate work areas and/or access routes, use reflective/hi-visibility clothing or on-person lighting, as appropriate.
☒ **Lifting, manual material handling** – use proper lifting procedures, seek help for >50 lbs.

Geosyntec Procedures: *HS-124-Heat Stress, HS-125-Cold Stress, HS-127-Ticks, HS-208-Housekeeping, HS-210-Walking and Working Surfaces, HS-401-Back Injury Prevention, HS 517 Traffic Safety*

Routine Personal Protection – Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☒ **Head protection from overhead hazards** - Wear hardhat or "bump cap" as appropriate for hazard.
☒ **Hand protection** - Wear protective work gloves appropriate for the hazard and work tasks.
☒ **Eye protection** - Wear safety glasses (with side shield or wrap around, either clear or shaded for sun protection), or other appropriate eye protection.
☒ **Foot protection, rough terrain** - Wear work boots/shoes with hard toes, ankle support, puncture resistance, traction, as appropriate for conditions.
☒ **Hearing protection** – use earplugs, earmuffs (or both) as appropriate for conditions; at a minimum where noise levels exceed 85dBA.
☒ **Dust, unsanitary conditions** – For general protection against minimal non-specific hazards, use protective clothing and/or disposable dust mask, as needed.

Geosyntec Procedures: *HS-109-Hearing Conservation, HS 112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-207-Working Alone, HS-105-Driver and Vehicle Safety*

Tools, Equipment, Machinery – Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☒ **Manual hand tools** - proper tool for the job, maintain in good condition, use vise/clamp to hold work piece, proper follow through, stay clear of "line of fire."
☐ **Knives, cutting tools** - Utility/folding/collapsible knives and fixed open-bladed knives/cutting tools are *not* permitted, unless specifically authorized. Cutting tools with automatically-retracting blades, or with enclosed/guarded blades are permitted. See HS-502-*Manual Hand Tools* for additional Information.
☒ ***Working near*** **powered tools/equipment/machinery** – safe distance, heed warning signs, stay out of "line of fire," use PPE (for eye/hearing/dust protection).
☐ ***Operation/use of*** **powered tools/equipment/machinery – See Section B.5.**

HS-502-Manual Hand Tools

Security– Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☐ **High crime, urban** – Use appropriate measures for personal security (such as buddy system, security service, work scheduling, other measures)
☐ **Working alone** - Establish "check in" procedure with supervisor/project manager.

Geosyntec Procedures: *HS-207-Working Alone*

Routine Driving Hazards – **Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.**

☒ **Routine work travel** - Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, safe cell phone use, no texting, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate).

☐ **Unfamiliar location** - Plan travel route before driving (assemble maps, enter destination in GPS).

☐ **Long Distance or During Sleep Hours** – Minimize fatigue: rest breaks, light snacks (avoid heavy meals), stay hydrated, fresh air, no loud music, clean windshield.

☒ **Unfamiliar vehicle** – Become familiar with vehicle operational controls and handling characteristics before operating vehicle.

Geosyntec Procedures: *HS-105-Driver and Vehicle Safety*

B.2. SPECIAL DRIVING/TRAFFIC/TRANSPORTATION HAZARDS ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**SPECIAL DRIVING HAZARDS** Off-Road Driving or use of non-typical vehicle, heavy vehicle, van, golf/utility cart, ATV Hazards: Worker injury due to vehicle collision, rollover	☒ For off road driving, do not exceed capability of vehicle, beware of wet conditions, speed low, avoid unsafe orientation on slopes. ☐ Follow ATV specific procedures for training, safety equipment, operation, manufacturer's instructions. ☐ Special Skills Required for Vehicle type - For vehicles requiring special skills (such as windowless van, heavy work vehicle, utility vehicle, similar) ensure operator is provided training and/or has appropriate operator skills through experience. ***Geosyntec Procedure(s):*** *HS-510-All Terrain Vehicles*
☐	**TRANSPORTING MATERIALS, TOWING/HAULING LOADS** Hazards: Vehicle accident, occupant injury from shifting load, unsafe equipment.	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ Slings, chains, strap, rope and related equipment used for towing, hauling, load-securing shall be appropriate for use, and used in a manner as to prevent an unsafe condition. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
☐	**WORKSITE TRAFFIC HAZARDS** Where the project worksite is located in/near vehicle thoroughfare. Hazards: Worker injury from being struck by vehicle traveling in thoroughfare.	☐ Wear reflective vests where exposed to traffic hazards. ☐ Where possible, park vehicles as protective shield from oncoming traffic. ☐ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☐ Use DOT signal devices to re-route vehicles around work area, site entrances/exits. ☐ Use DOT-trained flaggers or police detail where appropriate or required. ***Geosyntec Procedure(s):*** *HS-517-Traffic Safety*
☐	**RAILROAD HAZARD** Hazard: Worker injury from being struck by train in R.R. right-of-way	☐ Coordinate with rail company and implement required safety and security measures. ☐ Site workers to receive safety training for railroad work. **Geosyntec Procedure(s):** HS-305-Rail Operations
☐	**WATER TRANSPORTATION**	☐ Follow HS 312 "Water Transportation Safety," and Section B.3., "Water/Boating Hazards." **Geosyntec Procedure(s):** HS-312-Water Transportation Safety
☐	**AIRPORT, AIRCRAFT** Worker injury when working on/near airport runway, or use of helicopter, light aircraft	☐ Coordinate safety requirements with Airport personnel and implement required safety measures. ☐ Site workers to receive safety training for railroad/airport work. ☐ Follow provisions of applicable Geosyntec HS Procedures, below: ***Geosyntec Procedure(s):*** *HS-310-Helicopter Safety, HS 311-General Aviation (Small Aircraft) Safety*
☒	**TRAFFIC/VEHICLE HAZARDS RELATED TO HEAVY EQUIPMENT, CONSTRUCTION SITE ACTIVITIES**	☒ See Section B.7., "Construction, Heavy Equipment, Lift Equipment"

B.3. WATER/BOATING HAZARDS ☐ Applicable ☒ Not Applicable or Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**OPERATOR OF WATER CRAFT OR PASSENGER/WORKER ON WATER CRAFT OR PLATFORM** Hazards: Drowning, hypothermia, collision, motor/fuel hazards, navigation	☐ Wear regulatory-approved personal flotation device (PFD) or buoyant work vest. ☐ Bring emergency rescue equipment (ring buoy, reaching device, flares). Use "reach, throw, row, go" strategy. ☐ Use fuel safety practices, fire extinguisher present in boat. ☐ Have lifesaving skiff/boat available. ☐ Monitor weather, develop float plan, ensure navigation/communication equipment operable. ☐ For tidal, flash flood, dam release hazards, plan/locate work accordingly, other precautions as appropriate. ☐ Where ice/slip hazards are present adjacent to water body, and for working directly on ice over water, wear ice creepers, sand work area, or take other appropriate measures to address slip hazard. ☐ For high-hazard work over very cold water, have immersion survival suit available, as appropriate. ☐ For electrical hazards associated with water/wet locations, see Section B.8., "Electrical Hazards." ***Geosyntec Procedure(s):*** *HS-306-Working on/near Water and Ice, HS-312-Water Transportation Safety*
☐	**WORK NEAR WATER HAZARDS OR ENTERING WATER** Hazards: drowning, hypothermia from water immersion, related injuries. ☐ Wading, wetland, mud/silt ☐ Dam release, flash flood, tide ☐ Diving ☐ Ice on/near water body	

B.4. FALL HAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**WORKING AT HEIGHTS (GENERAL)** Hazards: Falls, overhead hazards, impalement hazard (such as from falling onto unprotected rebar and similar)	*General fall protection requirement thresholds: required @ >4' (industry), >6' (construction), >10' (scaffolds)* ☐ Ensure guardrails present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☐ Use designated "watch person" ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Ensure safe access to elevated work location (ladder, stair,) ☐ Install caps on protruding rebar ***Geosyntec Procedure(s):*** *HS-120-Fall Protection, HS-210-Walking and Working Surfaces*
☐	**LADDERS / STAIRS** ☐ Extension/straight ladders ☐ Step ladders ☐ Fixed ladders ☐ Stairs Hazards: Falls, overhead hazards	☐ Follow safe work practices: • Use ladders according to safe practices and manufacturer's instructions. • Maintain 3 points of contact at all times on ladder; keep center of gravity within side rails. • Do not use metal (conductive) ladder near electrical hazard. • Extension/straight ladders shall be properly footed, secured, angled, extend above upper work surface. • Stepladders are set on level ground or properly shimmed, spreaders locked; do not climb/stand on top step, top cap, or rear non-climbing side; use step ladder of sufficient length for work. • Equip stairs with stair-rails where more than 4 steps, and for stairway height 4' or more. ***Geosyntec Procedure(s):*** *HS-501-Ladders*
☐	**SCAFFOLD** ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold Hazards: Falls, overhead hazards, equipment collapse.	☐ Follow safe work practices: • Identify/coordinate operations with subcontractor's competent person. • Supported scaffold level, stable, proper attachments, tiebacks, planking, • Suspended scaffolds anchored properly. • Guardrails or personal fall apparatus required above 10 feet. • Proper means of accessing scaffold (proper ladders, stair tower). • Total height of free-standing scaffold not to exceed four times the minimum base dimension. • Do not exceed load limits; store/stage materials in quantities sufficient for immediate use. ***Geosyntec Procedure(s):*** *HS-507-Scaffolds*
☐	**AERIAL LIFT** Hazards: Falls, overhead hazards, struck-by, run-over, caught between (pinch points), tip over, fluid leaks.	☐ Follow safe work practices: • Operators to be sufficiently trained, experienced and qualified. • Equipment is inspected after mobilization and is in good condition. • Harness & lanyard worn whenever operating the lift (possible exception for scissor lifts). • Overhead and surface obstructions to be reviewed with operators prior to use. ***Geosyntec Procedure(s):*** *HS-509-Aerial Lifts*
☐	**IMPORTANT!** This work may/will include close proximity to overhead electric utility lines.	☐ Follow safe work practices per Section B.9., "Utility Related Hazards"
B.5. POWERED TOOLS, EQUIPMENT, MACHINERY ☐ Applicable ☒ Not Applicable, Not Anticipated		
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**POWERED HAND TOOLS** ☐ Battery-operated ☐ Electric-powered, 120v/240v ☐ Fuel-powered ☐ Pneumatic ☐ Powder-actuated Hazards: Eye/hand/body injury, fuel-related hazards, Inhalation hazards, noise, sparks, heat, fire hazard, electrical hazards	☐ For all power tools: • Inspect tools to ensure safe operating condition before each use. • Use tool in accordance with manufacturer's specifications. • Ensure guards are in place and no hazardous equipment modifications. • Use PPE or other safety practices, as appropriate, for eye/hearing/hand/head/body protection. • Provide training or verify operator competency for use of power tool. • Stay clear of hazard zone, "line of fire," when working near where power tools are used. • For spark/heat generating tool, control fire hazards, segregate combustible/flammable materials. • Use vise/clamp/work bench or other appropriate means to hold/secure the work piece. ☐ Use respirators, ventilation, wet methods, other appropriate means to control inhalation hazard. ☐ See fuel-safety practices in Section B.13., "Commercial Chemical Products." ☐ For electrical hazards, see Section B.8., "Electrical Hazards". ***Geosyntec Procedure(s):*** *HS-109-Hearing Conservation, HS-113-Personal Protective Equipment, HS-121-Electrical Safety, HS-503-Powered Hand Tools, Others as applicable*

☐	**OPERATION OF EQUIPMENT/MACHINERY** ☐ Point-of-operation hazards ☐ Pinch points, moving parts ☐ 'Struck-by,' 'caught between' ☐ Hot surfaces, heat ☐ Extension cords, flexible wire ☐ Fuel related (gas or liquid) ☐ Hydraulic pressure ☐ Pneumatic pressure ☐ Kinetic, stored energy ☐ Noise ☐ Emissions, discharge gases ☐ Working at heights, falls ☐ Lifting, repetitive motion ☐ Illumination ☐ Electrical	☐ <u>General safety requirements for equipment, machinery:</u> • Arrange worksite for safe access to equipment/machinery. • Use equipment/machinery in accordance with manufacturer's use and safety instructions. • Ensure point-of-operation, mechanical power transmission, other moving parts are guarded with protective devices; do not override interlocks, guards, protective devices. • Secure long hair/loose clothing/hanging jewelry near moving/rotating parts. • Heed warning signs/labels, keep safe distance; avoid locations of "struck by" and "caught between" hazards. • Implement lockout/tagout for repairs/adjustments/tooling changes. ☐ Use safe lifting practices for movement of heavy portable equipment ☐ Implement safe work practices for compressed air, pressurized systems (pneumatic/hydraulic), stored energy. ☐ For climbing/fall hazards associated with large equipment, see Section B.4., "Fall Hazards." ☐ For electrical hazards, see Section B.8., "Electrical Hazards." ☐ Operate fuel-powered equipment in well ventilated location. ☐ Use safe practices for fuels, see Section B.13., "Commercial Chemical Products." ***Geosyntec Procedure(s):*** *HS-109-Hearing Conservation, HS-113-Personal Protective Equipment, HS-119-Lockout/Tagout, HS-121-Electrical Safety, HS-503-Powered Hand Tools, Others as applicable*
☐	**LOCKOUT/TAGOUT OF HAZARDOUS ENERGY**	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate "authorized" personnel, notify "affected" personnel. ***Geosyntec Procedure(s):*** *HS-119-Lockout Tagout*
☐	**WELDING, CUTTING, HOT WORK (GAS OR ARC)** UV/IR light-eye/skin burns, hot-work hazards, toxic welding fumes, compressed gases, electrical shock	☐ <u>General safe work practices:</u> • Hot work permit system to be implemented. • Operator properly protected (eye protection, clothing, apron, etc.). • Fire hazard controls (watcher, fire extinguisher, water, isolate combustibles). • Protect nearby personnel from hazardous UV, IR light (shielding, curtain). ☐ For gas welding/cutting, use gas cylinder safe practices (secured, upright, caps on when not in use, prevent Damage; never secure gas cylinders to metal bench used for arc welding). ☐ For arc welding, follow electrical safe work practices. See Section B.8., "Electrical Hazards." ☐ See Section B.13., "Commercial Chemical Products," for hazards of welding rods (toxic metals), welding gases. ***Geosyntec Procedure(s):*** *HS-511-Welding, Cutting and Other Hot Work*
☐	**COMPRESSED AIR, COMPRESSOR** (for compressed gases, see Section B.13., "Compressed Gases")	☐ Never direct nozzle toward body; do not use compressed air for cleaning clothes. ☐ If compressed air is used for cleaning, restrict pressure to 30 psi or below, equip nozzle with chip guard. ☐ Use eye protection. ☐ Ensure air tank, hoses, fittings are in good repair using factory fittings.
☐	**PORTABLE GENERATOR** Hazards: Electrical shock, carbon monoxide in exhaust, fuel-related fire, injury from mechanical hazards, lifting	☐ <u>Follow general safety practices for Operation of Equipment/Machinery (above), and as follows:</u> • Use in accordance with manufacturer's instructions. • Keep generator and work area dry. • Never use indoors, or near building air intake vents due to carbon monoxide hazard. • Provide for ventilation and/or air monitoring where hazardous accumulation of exhaust emissions is possible. • Use hearing protection in close proximity to operating generator, as needed. • Use power cords/extension cords specified by instructions. • Use ground-fault circuit interrupters (GFCIs) in accordance with manufacturer's instructions. • See Section B.8., "Electrical Hazards." • Shut down equipment before refueling. See safe practices for flammable/combustible liquids in Section B.13., "Commercial Chemical Products." ***Geosyntec Procedures:*** *HS-109-Hearing Conservation, HS-111-Air Monitoring, HS-115-Hazard Communication (for fuel), HS-121-Electrical Safety, Others as applicable*
☐	**PORTABLE HEATERS (electric or fuel powered)** Hazards: Electric-powered: Electrical shock, fires from hot surfaces. Fuel powered: Carbon monoxide in exhaust, fires from hot surfaces, fuel-related fires	☐ <u>Follow general safety practices for Operation of Equipment/Machinery (above), and as follows:</u> • Keep heater dry, and locate heater on level surface away from high traffic areas. • Never use fuel-powered heaters indoors, or near air intake vents, due to carbon monoxide hazard. • Provide for ventilation and/or air monitoring where hazardous accumulation of exhaust emissions is possible. • Keep combustible materials at least 3 feet from hot surfaces. • Do not use an extension cord or power strip to power an electric heater. • For electric heaters, See Section B.8., "Electrical Hazards." • Shut down fuel-powered equipment before refueling. See safe practices for flammable/combustible liquids and/or compressed gases in Section B.13., "Commercial Chemical Products." ***Geosyntec Procedures:*** *HS-111-Air Monitoring, HS-115-Hazard Communication (for fuel, HS-121-Electrical Safety, Others as applicable*

B.6. DRILLING ☐ Applicable	☒ Not Applicable, Not Anticipated
EXPLANATORY NOTES, CLARIFICATIONS:	

☐	**DRILLING** Hazards: Struck-by, run-over, caught between (pinch points), manual lifting, roll over, fluid leaks, fuel hazards, suspended equipment	☐ Follow safe work practices, as applicable: • Non-essential personnel to stay clear of drilling work zone when drill rig in operation. • Equipment inspected daily upon mobilization; maintained in good repair, backup alarms. • Leaks or defective safety equipment should be repaired before use. • Establish eye contact with operator and use hand signals prior to approaching near equipment. • PPE used near operating rig (eye/head/hearing/hand/foot protection, high visibility vests or equivalent). • Contractor inspects drill rig daily before use, verify daily that emergency stop is functional. • Drill rig to be equipped with operational emergency stop, equipment in good repair, machine guards in place, whip checks on high pressure lines. • Park personal/support vehicles in a location as to not obstruct travel lanes or other site operations. • Operators/helpers maintain safe distance from moving parts; secure loose hair, loose clothing, equipment. • Drill rigs will only be moved with masts lowered. • Max. safe slope for rig will be followed, drill rig leveled, appropriate blocking/cribbing as needed. • Use safety practices for refueling, fuel handling/storage/transport. • Spill equipment is available for fuel and hydraulic fluid leaks. • Verify mechanical lift/rigging equipment (cables, sheaves, boom, attachments) is in proper working order. • Ventilate and conduct air monitoring, as appropriate, when drilling indoors. ***Geosyntec Procedure(s):*** *HS-403-Drilling, Others as applicable*
☐	**IMPORTANT!** This work may/will include close proximity to overhead electric utility lines.	☐ Follow safe work practices per Section B.9., "Utility Related Hazards"
B.7. CONSTRUCTION, HEAVY EQUIPMENT, LIFT EQUIPMENT	☒ Applicable	☐ Not Applicable, Not Anticipated
EXPLANATORY NOTES, CLARIFICATIONS:		
☒	**HEAVY EQUIPMENT** Hazards: Struck-by, run-over, caught between (pinch points), roll over, fluid leaks, overhead hazards	☒ Follow general safe work practices for heavy equipment: • Trained/qualified persons operate all heavy equipment. • Do not get into a potential crush situation below or between equipment, or in an excavation. • No passengers on moving/operating equipment except where passenger seat/restraint is present. • Equipment inspected daily upon mobilization; maintained in good repair, backup alarms. • Leaks or defective safety equipment should be repaired before use. • Operators required to use seatbelts. • Maintain eye contact with operator and use hand signals prior to approaching near equipment. • High visibility vests for all personnel in construction vehicle work area, on-site roadways and travel lanes. • Maximum safe slope for each vehicle will be followed. • Personnel to stay clear of, or restrict access to, swing radius and travel path of equipment. • Spill equipment available for fuel and hydraulic fluid leaks. • Equipment locked, secured, brakes set, buckets/forks lowered, when not in use. • Park personal/support vehicles in a location as to not obstruct travel lanes or other site operations. • Mark temporary roadways clearly, provide berms/stop logs where needed. ***Geosyntec Procedure(s):*** *HS-504-Heavy Equipment, HS-132-Competent Persons*
☐	**CRANES** Hazards: - electrocution by overhead utility - injury in swing radius - injury from falling load - crane tipping over due to overbalancing, high winds, unstable ground, unsafe slope, bad placement of outriggers - injury from mechanical hazards	☐ In addition to general safety practices for heavy equipment (above), as applicable: • Only qualified persons operate cranes (certificate required). • Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. • Equipment to be inspected prior to mobilization and daily by crane operator. • Crane operator will remain at the controls at all times during operation. • Crane operation must be performed under the direction of an appointed signal person at all times. • Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. • Keep area beneath suspended loads clear of personnel. • Rigging procedures – see Mechanical Lifting, Rigging, below. ***Geosyntec Procedure(s):*** *HS-506-Cranes, HS-132-Competent Persons*
☐	**MECHANICAL LIFTING, RIGGING** Applies to lifting by crane, truck-mounted boom rig (e.g. drill rig), mechanical/electrical hoist, similar equipment. Hazards: falling loads, personnel under suspended loads.	☐ In addition to general safety practices for heavy equipment and cranes (above), as applicable: • Coordinate lifting operations with competent person. • Do not exceed loading limits of lifting equipment; perform work in accordance with equipment load chart. • Slings, chains, rope, wire rope and related equipment used for lifting shall be maintained in good condition, and used in a manner as to protect from damage. • Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. • Hooks will be equipped with safety latches. • Ensure anchor points for winch or other lift device (such as davit arm) are engineered for intended use. ***Geosyntec Procedure(s):*** *HS-506-Cranes*
☒	**FORKLIFT**	☒ In addition to general safety practices for heavy equipment (above), as applicable: • Qualified operator, per established forklift training (certificate is required).

	Hazards: Struck-by, run-over, overhead hazards, caught between (pinch points), roll over, fluid leaks.	• Equipment inspected daily and documented on Forklift Preoperational Inspection Checklist. • Do not exceed lifting load limits. • Forklift shall not be moved/driven with empty forks in raised position. • When not in use, forks lowered, brake set, controls in neutral, key removed. ***Geosyntec Procedure(s):*** *HS-505-Safe Operation of Forklifts, HS-132-Competent Persons*
☐	**AERIAL LIFTS**	☐ See Section B.4., "Fall Hazards" *Geosyntec Procedure(s): HS-509-Aerial Lifts*
☒	**TRENCHING/EXCAVATION** Hazards: Cave-in, hazardous atmosphere, structures & foundations, falls into excavations	☒ Safe work practices when personnel will enter trenches/excavations: • Activities under supervision/oversight of competent person, daily inspection. • Excavated materials placed at least 2' from trench sidewall. • Prevent water accumulation in trench. • Sloping & shoring for excavations ≥20' must be approved by a professional engineer. • Sloping/shoring/trench box for excavations ≥5' when persons enter trench/excavation. • Sloping/shoring/trench box for shallow (<5') excavations with cave-in hazard . • Workers in trenches to be within 25 feet of ladder or sloped entryway. • Excavations to be protected by perimeter fencing (not barricade tape), if potential for personnel to fall into. • If potential for atmospheric hazard, see Section B.10, "Confined Space Entry, Hazardous Enclosed Spaces" ***Geosyntec Procedure(s):*** *HS-402-Excavation and Trenching, HS-132-Competent Persons*
☒	**IMPORTANT!** This work may/will include close proximity to overhead and/or underground utility lines.	☒ Follow safe work practices per Section B.9., "Utility Related Hazards"
☐	**DEMOLITION**	☐ Develop/implement demolition safety plan. ***Geosyntec Procedure(s):*** *HS-132-Competent Persons*
☐	**BLASTING**	☐ Develop/implement blasting safety plan. ***Geosyntec Procedure(s):*** *HS-307-Blasting and Use of Explosives, HS-132-Competent Persons*
☒	**PUBLIC AT RISK, SITE SECURITY**	☒ During site operations protect public (overhead protection, barriers, warning signs). ☒ During off hours, protect public with barriers, warning signs/lights, other measures as appropriate. ☒ Lock/secure hazardous materials and/or equipment.

B.8. ELECTRICAL HAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**BASIC ELECTRICAL HAZARDS TO SKILLED NON ELECTRICAL WORKERS** Equipment/tool use/operation, use of extension cords, working near electrical equipment. Hazards: Electrical shock, secondary hazards (falls, other injuries).	☐ Follow safe work practices: • Control water-related/wet-location hazards in a manner appropriate for the job tasks/equipment/tool. • Never touch electrical equipment if you are wet, or standing in water or on wet surfaces. • Use extension cords/power cords properly, prevent damage, take out of service if damaged. • Inspect tool/equipment/extension cords/power cords/welding cables before each use; do not use if damaged. • Use GFCI-protected outlet or portable GFCI in wet locations, outdoors, basements, concrete floors. • Ensure live parts are guarded, enclosures secure. • Enclosures, circuits properly labeled. ***Geosyntec Procedure(s):*** *HS-121-Electrical Safety*
☐	**HANDS-ON ELECTRICAL WORK BY ELECTRICAL WORKER/TECHNICIAN:** ☐ Voltage < 50 v ☐ Voltage 50-600v ☐ Voltage > 600v ☐ AC ☐ DC ☐ 3-phase ☐ Battery and/or solar power ☐ Capacitor/transformer	☐ Implement electrical safe work practices pertaining to: • Worker training/qualification (Level 1, Level 2, Level 3) • General electrical safe work practices, grounding, use of GFCIs • Safe work practices during diagnostics/troubleshooting, maintenance, repair • Safe design features for electrical equipment • Arc flash protection ***Geosyntec Procedure(s):*** *HS-121-Electrical Safety, HS-129-High Voltage Electricity Safety*
☐	**LOCKOUT/TAGOUT OF ELECTRICAL ENERGY**	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate "authorized" personnel, notify "affected" personnel. ***Geosyntec Procedure(s):*** *HS-119-Lockout Tagout, HS-121-Electrical Safety*
☐	**IMPORTANT!** This work may/will include close proximity to electric utility lines.	☐ Follow safe work practices per Section B.9., "Utility Related Hazards"

B.9. UTILITY RELATED HAZARDS ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**OVERHEAD, ABOVE-GROUND UTILITIES**	☐ Maintain proper clearance, employ other appropriate precautions for the conditions. ***Geosyntec Procedure(s):*** *HS-304-Overhead Electrical Lines*

☒	**UNDERGROUND UTILITIES**	☒ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions. ☒ Hand digging or vacuum post-holing within 3' of utility locations or other high risk condition.
B.10. CONFINED SPACE ENTRY, HAZARDOUS ENCLOSED SPACES ☐ Applicable ☒ Not Applicable, Not Anticipated		
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**CONFINED SPACE(S)** <u>Potential/actual hazards</u>: ☐ Atmospheric hazards: ☐ Flammable/explosive ☐ Oxygen deficiency ☐ Hydrogen sulfide ☐ Other toxic ☐ Combustible dust ☐ Electrical ☐ Mechanical, engulfment, entrapment, stored energy	☐ Develop effective site-specific entry procedure **<u>per applicable regulatory requirements</u>**: • Personnel to be trained/qualified. • Hazards properly characterized • Use equipment necessary for safe entry (for access, retrieval, PPE, air monitoring, ventilation) • Develop measures for emergency rescue, as applicable. • IMPORTANT: - Describe site-specific safety measures above in Explanatory Notes, Clarifications - Modify this THA or attach separate confined space safety plan/permit, as appropriate ☐ Protect <u>non-entry personnel working near confined spaces</u> thru control measures to prevent unauthorized entry (such as safety orientation, labeling, delineation, barriers) ***Geosyntec Procedure(s):*** *HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-118-Confined Space Entry, Others as applicable*
☐	**HAZARDOUS ENCLOSED OR INDOOR SPACE(S)** ☐ Indoors (occupied or vacant) ☐ Machine/equipment pit/vault ☐ Basement/crawl space ☐ Tunnel, shaft, gallery ☐ Trench, excavation ☐ Hazardous exhaust or emissions ☐ Building-related hazards	☐ Use personal protective clothing to protect from chemical, physical, biological hazards. ☐ Use respiratory protection, if necessary/appropriate. ☐ Duct equipment exhaust to outdoors using passive duct or active exhaust ventilation. ☐ Use fans, blowers or other effective means of ventilation to introduce fresh air/dissipate atmospheric hazards. ☐ Conduct air monitoring, as appropriate for conditions and hazards (see Part C, "Air Monitoring"). ☐ For a trench/excavation, also see subsection entitled "Trenching/Excavation" in Section B.7. "Construction, Heavy Equipment, Lift Equipment." ☐ If space classified/regulated as a "confined space," follow confined space entry requirements (above). ***Geosyntec Procedures****: HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, Others as applicable*
B.11. STORAGE OF BULK MATERIALS ☐ Applicable ☒ Not Applicable, Not Anticipated		
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**STORAGE OF BULK MATERIALS** (for Storage of Hazardous Materials, See Section B.13.)	☐ Store materials in stable manner (stacked, racked, blocked, interlocked, tied, wrapped, or otherwise secured) to prevent tipping, sliding, rolling, falling or collapse. ☐ Do not exceed load limits of racks, platform, scaffold; ensure racks are stable, robust, secure. ☐ Ensure stored materials do not block aisles, passageways.
B.12. INFECTIOUS / ALLERGENIC BIOHAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated		
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	☐ Wastewater, sewer ☐ Bird Guano ☐ Mold, fungi, Valley Fever ☐ Bloodborne pathogens ☐ Other (describe above)	☐ Low hazard - use basic hygiene practices, protective gloves, provide for hand washing. ☐ More severe hazard - add protective clothing, respirator/dust mask, decon, as appropriate. ☐ For human pathogens use "Universal Precautions" per Bloodborne Pathogen Program. ***Geosyntec Procedure(s):*** *HS-133-Bloodborne Pathogens*
B.13. COMMERCIAL CHEMICAL PRODUCTS ☐ Applicable ☒ Not Applicable, Not Anticipated		
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD**	☐ Safety Data Sheets available, either on site or readily available within same work shift, containers labelled properly, workers trained/oriented on hazards ☐ For subcontractor use of chemical products, coordinate/discuss during safety meetings. ☐ Conduct air monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring").
☐	**COMPRESSED GAS (flammable or nonflammable)**	☐ Secure cylinders upright, caps on when not in use, handle with care, prevent damage. ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench. ☐ Store/use in a manner to prevent asphyxiation hazard. ☐ Segregate oxygen and fuel gases by distance (20') or barrier. ☐ Control ignition sources. ☐ "No smoking" signage at cylinder storage area for flammable gases. ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.

☐	**FLAMMABLE/COMBUSTIBLE LIQUIDS**	☐ Proper storage (flam. storage cabinets, other storage precautions). ☐ Use proper fuel safety can (metal fuel can preferred). ☐ Control ignition sources. ☐ Grounding and bonding where appropriate.
☐	**ACIDS, CAUSTICS, OTHER CORROSIVES**	☐ Handle with care, use appropriate eye/face/skin protection. ☐ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate.
☐	**TOXIC**	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption); use PPE as appropriate, conduct air monitoring as appropriate.
☐	**EMISSIONS FROM FUEL COMBUSTION, INDUSTRIAL PROCESSES** ☐ Gasoline ☐ Diesel ☐ Propane/Natural Gas ☐ Welding/cutting/hot work ☐ Vehicle/equipment exhaust ☐ Other	☐ Position outdoor personnel upwind of exhaust source. ☐ Use blowers, fans to provide fresh air to work area and dissipate atmospheric hazards. ☐ Use respiratory protection for high levels of smoke, exhaust particulates, soot. ☐ Conduct air monitoring as appropriate (see Part C, "Air Monitoring").
☐	**OTHER HAZARDS**	☐ Describe other hazardous substances and safety measures under "Explanatory Notes, Clarifications," above.
☐	**CHEMICAL/HAZMAT STORAGE** Check this when jobsite requirements include special provisions for chemical storage.	☐ Chemical storage cabinet, cage, storage room, or similar. ☐ Ensure incompatible chemicals are segregated. ☐ Provide secondary containment. ☐ Locate special safety equipment near chemical storage

Geosyntec Procedures: *HS-115-Hazard Communication, HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, Others as applicable*

B.14. SITE CONTAMINANTS, CHEMICAL WASTES ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

CHECK ALL THAT APPLY. Provide explanatory notes above.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Corrosive, acids/caustics, strong irritants
☐ Recent release, known high concentrations	☒ Chlorinated volatile organic compounds (VOCs)	☐ Sulfides, hydrogen sulfide (H_2S)
☐ Former chemical disposal site, landfill	☐ BTEX, petroleum derived VOCs	☐ Cyanides, hydrogen cyanide (HCN)
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Asbestos
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Lead paint
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Pesticides, herbicides, fungicides
☐ Large containers, potential for spills	☐ Polyaromatic hydrocarbons (PAHs)	☐ Sensitizers
☐ Contaminated building surfaces	☐ Polychlorinated biphenyls (PCBs)	☐ Radioactive contaminants
☐ Unexploded ordnance	☐ Potential for flammable vapors	☐ Other (see Explanatory Notes, above)
☐ Explosive dust	☐ Potential for flammable gas (methane)	

☐ **FOR WORK CONSISTING OF CLEANUP OPERATIONS, CORRECTIVE ACTIONS, PRELIMINARY INVESTIGATIONS at an "UNCONTROLLED HAZ. WASTE SITE" (per HAZWOPER, 29 CFR 1910.120), implement the following as applicable to the work:**

- Implement site control plan via Exclusion Zone(s), Contaminant Reduction Zone(s) and Support Zone (aka EZ, CRZ, SZ)
- Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard.
- Include site map/figure depicting work locations and other relevant site-specific information.
- Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field experience.
- Site supervisor(s) required to have 8-hr. Supervisor training.
- Site workers in EZ or CRZ to participate in Medical Monitoring program, as applicable.
- Implement site-specific procedures for worker protection via engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination procedures, spill containment, emergency preparedness and response.
- Conduct air monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring").

IMPORTANT: Provide supplemental information to sufficiently detail site-specific procedures for the above elements, as appropriate for the work.

Geosyntec Procedures: *HS-301-HAZWOPER, HS-108-Medical Monitoring Surveillance, HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, HS-405-Drum Sampling, Others as applicable*

☒ **FOR SITE WITH CHEMICAL CONTAMINANTS OR WASTE BUT NOT REGULATED BY HAZWOPER**

- Workers to be knowledgeable/aware of chemical hazards thru safety training/orientation and availability of hazard information
- Implement controls to minimize worker exposure through engineering controls, work practices, PPE, as appropriate.
- Conduct air monitoring/sampling to monitor/evaluate worker exposure, as applicable.

Geosyntec Procedures: *HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, Others as applicable*

☐	**OFF-SITE MIGRATION OF CONTAMINANTS**	☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.

☐	**SPILL CONTAINMENT, CONTAINERS**	☐ Describe above any site-specific procedures for spill containment, container handling, as applicable. ***Geosyntec Procedures:*** *HS-406-Unknown Hazardous Waste Drum Handling*

B.15. RADIATION HAZARDS (Other than Sunlight)	☐ Applicable	☒ Not Applicable, Not Anticipated
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**IONIZING RADIATION**	Describe hazards & safety measures above in Explanatory Notes, Clarifications. Conduct exposure monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring"). ***Geosyntec Procedures:*** *HS-126-Radiation Safety Program, HS-128-Ionizing and Non-Ionizing Radiation*
☐	**NON-IONIZING RADIATION**	Describe hazards & safety measures above in Explanatory Notes, Clarifications. Conduct exposure monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring"). ***Geosyntec Procedures:*** *HS-128-Ionizing and Non-IonizingRadiation*

B.16. HAZMAT/DANGEROUS GOODS SHIPPING/TRANSPORTATION	☐ Applicable	☒ Not Applicable, Not Anticipated				
MODE(S) OF TRANSPORT:	☐ Road	☐ Rail	☐ Air	☐ Sea	☐ Inland Waterway	☐ International

IMPORTANT: Ensure that each individual who will be involved in shipping/transportation of hazardous material is current with required training (awareness, function-specific, safety, security) in accordance with applicable regulatory authority (DOT, FAA, IATA, TDG), and ensure adherence to applicable regulations.
Geosyntec Procedures: *HS-135-Hazardous Materials Procedures*

EXPLANATORY NOTES, CLARIFICATIONS:

PART C – AIR MONITORING, WORKER EXPOSURE MONITORING

C.1. AIR MONITORING (Direct-Reading Instruments)	☒ Applicable	☐ Not Applicable, Not Anticipated
EXPLANATORY NOTES, CLARIFICATIONS:		

☒	**AIR-TESTING PARAMETERS**	☒ VOCs, GASES ☒ PID, Lamp energy: 10.6 eV ☐ FID ☐ Carbon monoxide ☐ Hydrogen sulfide ☐ Oxygen (O_2)	☐ Flammable gas (LEL) ☒ Particulate (dust) ☐ Calibration kit for each parameter ☐ Other:
☐	**ACTION LEVELS FOR O2/LEL**	☐ Oxygen	≤19.5% - ventilate to raise O_2 to acceptable levels, or use Level B. ≥23.0% - ventilate to lower O_2 to acceptable levels, or use Level B and control fire hazards & ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10%.

☒	**ACTION LEVELS FOR TOXICS** (sustained breathing zone concentrations)	**Parameters**	**Level D, Modified D***	**Use levels C or B*, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D*.**
		☒ VOCs	< 100 ppm	__ ppm to __ ppm: Level C (air purifying respirator) > __ ppm: Level B (air-supplied respirator)
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☐ Total Dust	< __ mg/m^3	>__ mg/m^3 - Level C (air-purifying respirator)
		☐		
		☐		

*** Levels of Protection:** **Level D** (standard work clothes, basic personal protective wear, no chemical protective clothing, no respiratory protection)
Modified Level D (chemical protective clothing in addition to standard work clothes, no respiratory protection)
Level C (air purifying respirator or dust mask, in addition to chemical protective clothing)
Level B or A (air supplied respirator, chemical protective suit; fully-encapsulating suit for Level A)

Geosyntec Procedures: *HS-111-Air Monitoring*

C.2. OTHER WORKER EXPOSURE MONITORING	☐ Applicable	☒ Not Applicable, Not Anticipated
☐ Air Sampling *(sample collection, passive dosimeter)* ☐ Wipe/Bulk Sampling *(to evaluate worker exposure)*	☐ Ionizing or Non-ionizing Radiation Testing ☐ Noise Testing	☐ Heat Stress Testing ☐ Other

EXPLANATORY NOTES, CLARIFICATIONS:

Geosyntec Procedures: *HS-109-Hearing Protection, HS-111-Air Monitoring, HS-124-Heat Stress Prevention, HS-126-Radiation Safety Program, HS-128-Ionizing and Non-ionizing Radiation, HS-601-Asbestos, HS-602-Lead*

PART D – APPROVALS, ACKNOWLEDGEMENTS

D.1. THA PREPARATION, REVIEW/APPROVAL SIGNATURES - THA typically prepared by project staff, reviewed/approved by Project Manager, Supervisor, qualified/knowledgeable designee, with support of HS personnel as deemed appropriate by the Project Manager.			
THA PREPARED BY: (minimum one person)	*Printed Name*	*Signature*	*Date*
THA REVIEWED/ APPROVED BY: (minimum one person)	*Printed Name*	*Signature*	*Date*

D.2. FIELD CREW ACKNOWLEDGEMENTS

GEOSYNTEC FIELD CREW

Please sign below to acknowledge you reviewed and understand this THA, participated in project safety briefing and had an opportunity to ask questions about the information herein.

Printed Name	Signature	Employee No.	Date

SUBCONTRACTOR'S FIELD CREW

Please sign below to acknowledge that this THA was made available to you, and you had an opportunity to ask questions about the information herein.

Printed Name	Signature	Company Name	Date

Geosyntec consultants

TASK HAZARD ANALYSIS (Ver. 2, June 2015)

Geosyntec HS Procedures referenced herein are available on Geosyntec's H&S SharePoint site and should be consulted, as appropriate, per project-specific needs. This TEHA prepared per HS-106-Accident Prevention Program, HS-204-Task Hazard Analysis, and meets the requirements for a "Site-Specific Health and Safety Plan" per Geosyntec HS Procedures and regulations referenced herein (see Section B.14.).

PART A – SITE SAFETY PLAN

A.1. PROJECT/TASK INFORMATION

TASK:	Installation of Engineering Control to Mitigate Vapor Intrusion		
Project Name:	777 Front Street RP	**Project Number/Org:**	HR1305E/1430
Project Address:	777 Front Street, Burbank, CA		
Description of Task & Worksite:	Oversee excavation of impacted soil, collect confirmation samples and oversee off-site disposal of the excavated soil		

Geosyntec Personnel	**Name**	**Desktop Office Phone**	**Mobile Phone**
Site Lead/HS Officer	Goodwin Wharton	(714) 465-1258	(413) 301-3925 (Cell)
Project Manager	Mital Desai	(626) 788-4634	(818) 808-6189 (Cell)
Project Director	Eric Smalstig	(714) 465-1219	(714) 501-8903 (Cell)
HS Coordinator	Molly Small	(714) 465-1229	(209) 648-9176 (Cell)
HS Mngr.	Gary Pons	(714) 465-1255	(714) 519-4812 (Cell)
Corp. HS Director	Dale Prokopchak	804-332-6376	804-349-8067
Client Contact(s):	Developer	number	number
Subcontractor(s):	☐ Not Applicable ☐ Applicable, provide contact information below: Subcontractors will be determined later		

A.2. EMERGENCY RESPONSE Based on analysis of worksite factors, client/regulatory requirements, availability of emergency services.

Consider all Relevant Risk Factors & Response Procedures *(fire/explosion, medical, chemicals/spills, security, site factors, weather, communications)*.
EXPLANATORY NOTES, CLARIFICATIONS:

Available Means of Jobsite Emergency Communication/Alerting	☒ Verbal ☒ Mobile Phone ☐ Land Line ☐ 2-Way Radio ☐ On-site alarm/signal system ☐ Other:
To Summon Emergency Services Police, Fire, Ambulance	☒ **DIAL 911**, for external responders ☒ **Other**: Burbank Fire Department
Other Emergency Contacts, as needed *(such as security, spill responder, utility):*	
Nearest Emergency Medical Services	Hospital Name: Providence St. Joseph Medical Center Address: 501 S. Buena Vista St, Burbank, CA 91505 Phone #: (818) 843-5111 ☒ See Attached Directions to HASP
For **Non-Emergency Urgent Care**	Contact WorkCare at 888-449-7787
Job-site **Evacuation** Procedure, Rally Point, Place of refuge:	Proceed to exit the site from the entrance/exit located on the Front Street to the muster point marked on the site map (page Viii of HASP)
Special Emergency Equipment/Procedures	NA

IMPORTANT: After initial emergency response actions and incident stabilization, contact appropriate project personnel listed in Part A.1.

A.3. SUMMARY OF WORK STEPS, HAZARDS, CONTROLS Based on PART B, "HAZARD ANALYSIS," and worksite/client/project factors.

Summary/outline of work steps/hazards/controls, with references to applicable Sections in Parts B and C, as applicable:

WORK STEPS	**HAZARDS**	**CONTROLS**
Travel to and from site	*Refer to B.1*	*Refer to B.1*
Provide subcontractor oversight during installation of Engineering Control	*Refer to B.1, B.7 and C.1*	*Refer to B.1, B.7 and C.1*

A.4. HS&E EQUIPMENT LIST List worksite equipment for worker protection; provide details in Explanatory Notes, Clarifications.

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**ROUTINE PPE**	☒ Standard work clothes appropriate for task ☒ Hard-toed boots/shoes ☒ Hardhat ☒ Safety glasses	☒ Work gloves appropriate for task ☒ Noise/hearing protection ☒ High-visibility/reflective vest
		☐ Basic PPE for protection from low-hazard chemical contact & dust (nitrile gloves, Tyvek suit, dust mask, boot covers).	
☒	**ROUTINE HS&E EQUIPMENT/GEAR**	☒ First Aid Kit ☒ Fire extinguisher ☒ Emergency eyewash bottle(s) ☐ Insect control (repellant, wasp spray, other) ☒ Caution tape	☒ Sun protection (sunscreen, shade canopy, other) ☒ Project-supplied drinking water and/or hygiene facilities ☐ Absorbent matting/roll ☒ Vehicle emergency kit (flares, lights, reflective device) ☐ Traffic control warning devices (cones, or similar)
		☐ Other:	

☐	**NON-ROUTINE PERSONAL PROTECTIVE EQUIPMENT (PPE)** (Indicate specific types of PPE in Explanatory Notes, Clarifications)	☐ Goggles and/or face shield ☐ Chemical protective gloves ☐ Coveralls (Tyvek, or other) ☐ Outer boots, boot covers	☐ Disposable n-95 dust mask ☐ Half-face respirator (APR), cartridges ☐ Full-face respirator (APR), cartridges ☐ Personal flotation device	☐ Fire retardant clothing ☐ Arc Flash Protection ☐ Electrical-Hazard-rated boots, gloves ☐ Personal fall apparatus
		☐ Other:		
☐	**SPECIAL HAZARD CONTROLS**	☐ Portable GFCI	☐ Lockout/tagout equipment	☐ Ventilation equipment (fan, blower)
		☐ Eyewash - 15 min. flow	☐ Emergency deluge shower	☐ Air horn, alarm
		☐ Other:		
☒	**DECON, PPE DISPOSAL**	☒ Receptacle for disposable PPE	☐ Hand washing provisions	☐ Decon solution, related supplies
		☐ Other:		
☒	**AIR MONITORING EQUIPMENT, OTHER EQUIPMENT FOR WORKER EXPOSURE TESTING**	List equipment/devices to be brought to worksite; Use in accordance with procedures in Part C: Photoionization Detector		

PART B – HAZARD ANALYSIS and CONTROLS *Complete Section B.1., then subsequent sections as applicable to the task(s).*

B.1. ROUTINE HAZARD PREPAREDNESS **This section required for all tasks.**

Explanatory Notes, Clarifications:

General Safety, Wellness, Preparedness – Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☒ **General premises** hazards - housekeeping, rough terrain, trip hazards, steep slope, remote location.
☒ **Weather/climate-related hazards –** heat stress/cold stress measures, sun screen, severe weather shelter/refuge, "30/30 rule" for lightning
☒ **Plant/Insect/Animal Hazards** - Precautions: poison ivy wash; insect repellant; check for ticks; hornet nest spray; animal precautions.
☒ **Worksite traffic hazards –** Implement measures to protect personnel (high visibility/reflective clothing, on-person lighting, traffic control measures).
☐ **Illumination hazards/night work** - Illuminate work areas and/or access routes, use reflective/hi-visibility clothing or on-person lighting, as appropriate.
☒ **Lifting, manual material handling –** use proper lifting procedures, seek help for >50 lbs.

Geosyntec Procedures: *HS-124-Heat Stress, HS-125-Cold Stress, HS-127-Ticks, HS-208-Housekeeping, HS-210-Walking and Working Surfaces, HS-401-Back Injury Prevention, HS 517 Traffic Safety*

Routine Personal Protection – Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☒ **Head protection from overhead hazards** - Wear hardhat or "bump cap" as appropriate for hazard.
☒ **Hand protection** - Wear protective work gloves appropriate for the hazard and work tasks.
☒ **Eye protection** - Wear safety glasses (with side shield or wrap around, either clear or shaded for sun protection), or other appropriate eye protection.
☒ **Foot protection, rough terrain** - Wear work boots/shoes with hard toes, ankle support, puncture resistance, traction, as appropriate for conditions.
☒ **Hearing protection –** use earplugs, earmuffs (or both) as appropriate for conditions; at a minimum where noise levels exceed 85dBA.
☒ **Dust, unsanitary conditions –** For general protection against minimal non-specific hazards, use protective clothing and/or disposable dust mask, as needed.

Geosyntec Procedures: *HS-109-Hearing Conservation, HS 112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-207-Working Alone, HS-105-Driver and Vehicle Safety*

Tools, Equipment, Machinery – Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☒ **Manual hand tools -** proper tool for the job, maintain in good condition, use vise/clamp to hold work piece, proper follow through, stay clear of "line of fire."
☐ **Knives, cutting tools -** Utility/folding/collapsible knives and fixed open-bladed knives/cutting tools are *not* permitted, unless specifically authorized. Cutting tools with automatically-retracting blades, or with enclosed/guarded blades are permitted. See HS-502-*Manual Hand Tools* for additional Information.
☒ ***Working near*** **powered tools/equipment/machinery –** safe distance, heed warning signs, stay out of "line of fire," use PPE (for eye/hearing/dust protection).
☐ ***Operation/use of*** **powered tools/equipment/machinery – See Section B.5.**

HS-502-Manual Hand Tools

Security– Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☐ **High crime, urban –** Use appropriate measures for personal security (such as buddy system, security service, work scheduling, other measures)
☐ **Working alone** - Establish "check in" procedure with supervisor/project manager.

Geosyntec Procedures: *HS-207-Working Alone*

Routine Driving Hazards – **Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.**

☒ **Routine work travel** - Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, safe cell phone use, no texting, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate).

☐ **Unfamiliar location** - Plan travel route before driving (assemble maps, enter destination in GPS).

☐ **Long Distance or During Sleep Hours** – Minimize fatigue: rest breaks, light snacks (avoid heavy meals), stay hydrated, fresh air, no loud music, clean windshield.

☒ **Unfamiliar vehicle** – Become familiar with vehicle operational controls and handling characteristics before operating vehicle.

Geosyntec Procedures: *HS-105-Driver and Vehicle Safety*

B.2. SPECIAL DRIVING/TRAFFIC/TRANSPORTATION HAZARDS ☐Applicable ☒ Not Applicable, Not Anticipated		
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**SPECIAL DRIVING HAZARDS** Off-Road Driving or use of non-typical vehicle, heavy vehicle, van, golf/utility cart, ATV Hazards: Worker injury due to vehicle collision, rollover	☐ For off road driving, do not exceed capability of vehicle, beware of wet conditions, speed low, avoid unsafe orientation on slopes. ☐ Follow ATV specific procedures for training, safety equipment, operation, manufacturer's instructions. ☐ Special Skills Required for Vehicle type - For vehicles requiring special skills (such as windowless van, heavy work vehicle, utility vehicle, similar) ensure operator is provided training and/or has appropriate operator skills through experience. ***Geosyntec Procedure(s):*** *HS-510-All Terrain Vehicles*
☐	**TRANSPORTING MATERIALS, TOWING/HAULING LOADS** Hazards: Vehicle accident, occupant injury from shifting load, unsafe equipment.	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ Slings, chains, strap, rope and related equipment used for towing, hauling, load-securing shall be appropriate for use, and used in a manner as to prevent an unsafe condition. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
☐	**WORKSITE TRAFFIC HAZARDS** Where the project worksite is located in/near vehicle thoroughfare. Hazards: Worker injury from being struck by vehicle traveling in thoroughfare.	☐ Wear reflective vests where exposed to traffic hazards. ☐ Where possible, park vehicles as protective shield from oncoming traffic. ☐ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☐ Use DOT signal devices to re-route vehicles around work area, site entrances/exits. ☐ Use DOT-trained flaggers or police detail where appropriate or required. ***Geosyntec Procedure(s):*** *HS-517-Traffic Safety*
☐	**RAILROAD HAZARD** Hazard: Worker injury from being struck by train in R.R. right-of-way	☐ Coordinate with rail company and implement required safety and security measures. ☐ Site workers to receive safety training for railroad work. **Geosyntec Procedure(s):** HS-305-Rail Operations
☐	**WATER TRANSPORTATION**	☐ Follow HS 312 "Water Transportation Safety," and Section B.3., "Water/Boating Hazards." **Geosyntec Procedure(s):** HS-312-Water Transportation Safety
☐	**AIRPORT, AIRCRAFT** Worker injury when working on/near airport runway, or use of helicopter, light aircraft	☐ Coordinate safety requirements with Airport personnel and implement required safety measures. ☐ Site workers to receive safety training for railroad/airport work. ☐ Follow provisions of applicable Geosyntec HS Procedures, below: ***Geosyntec Procedure(s):*** *HS-310-Helicopter Safety, HS 311-General Aviation (Small Aircraft) Safety*
☐	**TRAFFIC/VEHICLE HAZARDS RELATED TO HEAVY EQUIPMENT, CONSTRUCTION SITE ACTIVITIES**	☐ See Section B.7., "Construction, Heavy Equipment, Lift Equipment"
B.3. WATER/BOATING HAZARDS ☐ Applicable ☒ Not Applicable or Not Anticipated		
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**OPERATOR OF WATER CRAFT OR PASSENGER/WORKER ON WATER CRAFT OR PLATFORM** Hazards: Drowning, hypothermia, collision, motor/fuel hazards, navigation	☐ Wear regulatory-approved personal flotation device (PFD) or buoyant work vest. ☐ Bring emergency rescue equipment (ring buoy, reaching device, flares). Use "reach, throw, row, go" strategy. ☐ Use fuel safety practices, fire extinguisher present in boat. ☐ Have lifesaving skiff/boat available. ☐ Monitor weather, develop float plan, ensure navigation/communication equipment operable. ☐ For tidal, flash flood, dam release hazards, plan/locate work accordingly, other precautions as appropriate. ☐ Where ice/slip hazards are present adjacent to water body, and for working directly on ice over water, wear ice creepers, sand work area, or take other appropriate measures to address slip hazard. ☐ For high-hazard work over very cold water, have immersion survival suit available, as appropriate. ☐ For electrical hazards associated with water/wet locations, see Section B.8., "Electrical Hazards." ***Geosyntec Procedure(s):*** *HS-306-Working on/near Water and Ice, HS-312-Water Transportation Safety*
☐	**WORK NEAR WATER HAZARDS OR ENTERING WATER** Hazards: drowning, hypothermia from water immersion, related injuries. ☐ Wading, wetland, mud/silt ☐ Dam release, flash flood, tide ☐ Diving ☐ Ice on/near water body	
B.4. FALL HAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated		

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**WORKING AT HEIGHTS (GENERAL)** Hazards: Falls, overhead hazards, impalement hazard (such as from falling onto unprotected rebar and similar)	*General fall protection requirement thresholds: required @ >4' (industry), >6' (construction), >10' (scaffolds)* ☐ Ensure guardrail is present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☐ Use designated "watch person" ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Ensure safe access to elevated work location (ladder, stair,) ☐ Install caps on protruding rebar ***Geosyntec Procedure(s):*** *HS-120-Fall Protection, HS-210-Walking and Working Surfaces*
☐	**LADDERS / STAIRS** ☐ Extension/straight ladders ☐ Step ladders ☐ Fixed ladders ☐ Stairs Hazards: Falls, overhead hazards	☐ Follow safe work practices: • Use ladders according to safe practices and manufacturer's instructions. • Maintain 3 points of contact at all times on ladder; keep center of gravity within side rails. • Do not use metal (conductive) ladder near electrical hazard. • Extension/straight ladders shall be properly footed, secured, angled, extend above upper work surface. • Stepladders are set on level ground or properly shimmed, spreaders locked; do not climb/stand on top step, top cap, or rear non-climbing side; use step ladder of sufficient length for work. • Equip stairs with stair-rails where more than 4 steps, and for stairway height 4' or more. ***Geosyntec Procedure(s):*** *HS-501-Ladders*
☐	**SCAFFOLD** ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold Hazards: Falls, overhead hazards, equipment collapse.	☐ Follow safe work practices: • Identify/coordinate operations with subcontractor's competent person. • Supported scaffold level, stable, proper attachments, tiebacks, planking, • Suspended scaffolds anchored properly. • Guardrails or personal fall apparatus required above 10 feet. • Proper means of accessing scaffold (proper ladders, stair tower). • Total height of free-standing scaffold not to exceed four times the minimum base dimension. • Do not exceed load limits; store/stage materials in quantities sufficient for immediate use. ***Geosyntec Procedure(s):*** *HS-507-Scaffolds*
☐	**AERIAL LIFT** Hazards: Falls, overhead hazards, struck-by, run-over, caught between (pinch points), tip over, fluid leaks.	☐ Follow safe work practices: • Operators to be sufficiently trained, experienced and qualified. • Equipment is inspected after mobilization and is in good condition. • Harness & lanyard worn whenever operating the lift (possible exception for scissor lifts). • Overhead and surface obstructions to be reviewed with operators prior to use. ***Geosyntec Procedure(s):*** *HS-509-Aerial Lifts*
☐	**IMPORTANT!** This work may/will include close proximity to overhead electric utility lines.	☐ Follow safe work practices per Section B.9., "Utility Related Hazards"

B.5. POWERED TOOLS, EQUIPMENT, MACHINERY ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**POWERED HAND TOOLS** ☒ Battery-operated ☒ Electric-powered, 120v/240v ☒ Fuel-powered ☐ Pneumatic ☐ Powder-actuated Hazards: Eye/hand/body injury, fuel-related hazards, Inhalation hazards, noise, sparks, heat, fire hazard, electrical hazards	☐ For all power tools: • Inspect tools to ensure safe operating condition before each use. • Use tool in accordance with manufacturer's specifications. • Ensure guards are in place and no hazardous equipment modifications. • Use PPE or other safety practices, as appropriate, for eye/hearing/hand/head/body protection. • Provide training or verify operator competency for use of power tool. • Stay clear of hazard zone, "line of fire," when working near where power tools are used. • For spark/heat generating tool, control fire hazards, segregate combustible/flammable materials. • Use vise/clamp/work bench or other appropriate means to hold/secure the work piece. ☐ Use respirators, ventilation, wet methods, other appropriate means to control inhalation hazard. ☐ See fuel-safety practices in Section B.13., "Commercial Chemical Products." ☐ For electrical hazards, see Section B.8., "Electrical Hazards". ***Geosyntec Procedure(s):*** *HS-109-Hearing Conservation, HS-113-Personal Protective Equipment, HS-121-Electrical Safety, HS-503-Powered Hand Tools, Others as applicable*

☐	**OPERATION OF EQUIPMENT/MACHINERY** ☐ Point-of-operation hazards ☐ Pinch points, moving parts ☐ 'Struck-by,' 'caught between' ☐ Hot surfaces, heat ☐ Extension cords, flexible wire ☐ Fuel related (gas or liquid) ☐ Hydraulic pressure ☐ Pneumatic pressure ☐ Kinetic, stored energy ☐ Noise ☐ Emissions, discharge gases ☐ Working at heights, falls ☐ Lifting, repetitive motion ☐ Illumination ☐ Electrical	☐ General safety requirements for equipment, machinery: • Arrange worksite for safe access to equipment/machinery. • Use equipment/machinery in accordance with manufacturer's use and safety instructions. • Ensure point-of-operation, mechanical power transmission, other moving parts are guarded with protective devices; do not override interlocks, guards, protective devices. • Secure long hair/loose clothing/hanging jewelry near moving/rotating parts. • Heed warning signs/labels, keep safe distance; avoid locations of "struck by" and "caught between" hazards. • Implement lockout/tagout for repairs/adjustments/tooling changes. ☐ Use safe lifting practices for movement of heavy portable equipment ☐ Implement safe work practices for compressed air, pressurized systems (pneumatic/hydraulic), stored energy. ☐ For climbing/fall hazards associated with large equipment, see Section B.4., "Fall Hazards." ☐ For electrical hazards, see Section B.8., "Electrical Hazards." ☐ Operate fuel-powered equipment in well ventilated location. ☐ Use safe practices for fuels, see Section B.13., "Commercial Chemical Products." ***Geosyntec Procedure(s):*** *HS-109-Hearing Conservation, HS-113-Personal Protective Equipment, HS-119-Lockout/Tagout, HS-121-Electrical Safety, HS-503-Powered Hand Tools, Others as applicable*
☐	**LOCKOUT/TAGOUT OF HAZARDOUS ENERGY**	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate "authorized" personnel, notify "affected" personnel. ***Geosyntec Procedure(s):*** *HS-119-Lockout Tagout*
☐	**WELDING, CUTTING, HOT WORK (GAS OR ARC)** UV/IR light-eye/skin burns, hot-work hazards, toxic welding fumes, compressed gases, electrical shock	☐ General safe work practices: • Hot work permit system to be implemented. • Operator properly protected (eye protection, clothing, apron, etc.). • Fire hazard controls (watcher, fire extinguisher, water, isolate combustibles). • Protect nearby personnel from hazardous UV, IR light (shielding, curtain). ☐ For gas welding/cutting, use gas cylinder safe practices (secured, upright, caps on when not in use, prevent Damage; never secure gas cylinders to metal bench used for arc welding). ☐ For arc welding, follow electrical safe work practices. See Section B.8., "Electrical Hazards." ☐ See Section B.13., "Commercial Chemical Products," for hazards of welding rods (toxic metals), welding gases. ***Geosyntec Procedure(s):*** *HS-511-Welding, Cutting and Other Hot Work*
☐	**COMPRESSED AIR, COMPRESSOR** (for compressed gases, see Section B.13., "Compressed Gases")	☐ Never direct nozzle toward body; do not use compressed air for cleaning clothes. ☐ If compressed air is used for cleaning, restrict pressure to 30 psi or below, equip nozzle with chip guard. ☐ Use eye protection. ☐ Ensure air tank, hoses, fittings are in good repair using factory fittings.
☐	**PORTABLE GENERATOR** Hazards: Electrical shock, carbon monoxide in exhaust, fuel-related fire, injury from mechanical hazards, lifting	☐ Follow general safety practices for Operation of Equipment/Machinery (above), and as follows: • Use in accordance with manufacturer's instructions. • Keep generator and work area dry. • Never use indoors, or near building air intake vents due to carbon monoxide hazard. • Provide for ventilation and/or air monitoring where hazardous accumulation of exhaust emissions is possible. • Use hearing protection in close proximity to operating generator, as needed. • Use power cords/extension cords specified by instructions. • Use ground-fault circuit interrupters (GFCIs) in accordance with manufacturer's instructions. • See Section B.8., "Electrical Hazards." • Shut down equipment before refueling. See safe practices for flammable/combustible liquids in Section B.13., "Commercial Chemical Products." ***Geosyntec Procedures:*** *HS-109-Hearing Conservation, HS-111-Air Monitoring, HS-115-Hazard Communication (for fuel), HS-121-Electrical Safety, Others as applicable*
☐	**PORTABLE HEATERS (electric or fuel powered)** Hazards: Electric-powered: Electrical shock, fires from hot surfaces. Fuel powered: Carbon monoxide in exhaust, fires from hot surfaces, fuel-related fires	☐ Follow general safety practices for Operation of Equipment/Machinery (above), and as follows: • Keep heater dry, and locate heater on level surface away from high traffic areas. • Never use fuel-powered heaters indoors, or near air intake vents, due to carbon monoxide hazard. • Provide for ventilation and/or air monitoring where hazardous accumulation of exhaust emissions is possible. • Keep combustible materials at least 3 feet from hot surfaces. • Do not use an extension cord or power strip to power an electric heater. • For electric heaters, See Section B.8., "Electrical Hazards." • Shut down fuel-powered equipment before refueling. See safe practices for flammable/combustible liquids and/or compressed gases in Section B.13., "Commercial Chemical Products." ***Geosyntec Procedures:*** *HS-111-Air Monitoring, HS-115-Hazard Communication (for fuel), HS-121-Electrical Safety, Others as applicable*

B.6. DRILLING ☐ Applicable	☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**DRILLING** Hazards: Struck-by, run-over, caught between (pinch points), manual lifting, roll over, fluid leaks, fuel hazards, suspended equipment	☐ Follow safe work practices, as applicable: • Non-essential personnel to stay clear of drilling work zone when drill rig in operation. • Equipment inspected daily upon mobilization; maintained in good repair, backup alarms. • Leaks or defective safety equipment should be repaired before use. • Establish eye contact with operator and use hand signals prior to approaching near equipment. • PPE used near operating rig (eye/head/hearing/hand/foot protection, high visibility vests or equivalent). • Contractor inspects drill rig daily before use, verify daily that emergency stop is functional. • Drill rig to be equipped with operational emergency stop, equipment in good repair, machine guards in place, whip checks on high pressure lines. • Park personal/support vehicles in a location as to not obstruct travel lanes or other site operations. • Operators/helpers maintain safe distance from moving parts; secure loose hair, loose clothing, equipment. • Drill rigs will only be moved with masts lowered. • Max. safe slope for rig will be followed, drill rig leveled, appropriate blocking/cribbing as needed. • Use safety practices for refueling, fuel handling/storage/transport. • Spill equipment is available for fuel and hydraulic fluid leaks. • Verify mechanical lift/rigging equipment (cables, sheaves, boom, attachments) is in proper working order. • Ventilate and conduct air monitoring, as appropriate, when drilling indoors. ***Geosyntec Procedure(s):*** *HS-403-Drilling, Others as applicable*
☐	**IMPORTANT!** This work may/will include close proximity to overhead electric utility lines.	☐ Follow safe work practices per Section B.9., "Utility Related Hazards"
B.7. CONSTRUCTION, HEAVY EQUIPMENT, LIFT EQUIPMENT	☒ Applicable	☐ Not Applicable, Not Anticipated
EXPLANATORY NOTES, CLARIFICATIONS:		
☒	**HEAVY EQUIPMENT** Hazards: Struck-by, run-over, caught between (pinch points), roll over, fluid leaks, overhead hazards	☒ Follow general safe work practices for heavy equipment: • Trained/qualified persons operate all heavy equipment. • Do not get into a potential crush situation below or between equipment, or in an excavation. • No passengers on moving/operating equipment except where passenger seat/restraint is present. • Equipment inspected daily upon mobilization; maintained in good repair, backup alarms. • Leaks or defective safety equipment should be repaired before use. • Operators required to use seatbelts. • Maintain eye contact with operator and use hand signals prior to approaching near equipment. • High visibility vests for all personnel in construction vehicle work area, on-site roadways and travel lanes. • Maximum safe slope for each vehicle will be followed. • Personnel to stay clear of, or restrict access to, swing radius and travel path of equipment. • Spill equipment available for fuel and hydraulic fluid leaks. • Equipment locked, secured, brakes set, buckets/forks lowered, when not in use. • Park personal/support vehicles in a location as to not obstruct travel lanes or other site operations. • Mark temporary roadways clearly, provide berms/stop logs where needed. ***Geosyntec Procedure(s):*** *HS-504-Heavy Equipment, HS-132-Competent Persons*
☒	**CRANES** Hazards: - electrocution by overhead utility - injury in swing radius - injury from falling load - crane tipping over due to overbalancing, high winds, unstable ground, unsafe slope, bad placement of outriggers - injury from mechanical hazards	☒ In addition to general safety practices for heavy equipment (above), as applicable: • Only qualified persons operate cranes (certificate required). • Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. • Equipment to be inspected prior to mobilization and daily by crane operator. • Crane operator will remain at the controls at all times during operation. • Crane operation must be performed under the direction of an appointed signal person at all times. • Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. • Keep area beneath suspended loads clear of personnel. • Rigging procedures – see Mechanical Lifting, Rigging, below. ***Geosyntec Procedure(s):*** *HS-506-Cranes, HS-132-Competent Persons*
☒	**MECHANICAL LIFTING, RIGGING** Applies to lifting by crane, truck-mounted boom rig (e.g. drill rig), mechanical/electrical hoist, similar equipment. Hazards: falling loads, personnel under suspended loads.	☒ In addition to general safety practices for heavy equipment and cranes (above), as applicable: • Coordinate lifting operations with competent person. • Do not exceed loading limits of lifting equipment; perform work in accordance with equipment load chart. • Slings, chains, rope, wire rope and related equipment used for lifting shall be maintained in good condition, and used in a manner as to protect from damage. • Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. • Hooks will be equipped with safety latches. • Ensure anchor points for winch or other lift device (such as davit arm) are engineered for intended use. ***Geosyntec Procedure(s):*** *HS-506-Cranes*
☒	**FORKLIFT**	☒ In addition to general safety practices for heavy equipment (above), as applicable: • Qualified operator, per established forklift training (certificate is required).

	Hazards: Struck-by, run-over, overhead hazards, caught between (pinch points), roll over, fluid leaks.	• Equipment inspected daily and documented on Forklift Preoperational Inspection Checklist. • Do not exceed lifting load limits. • Forklift shall not be moved/driven with empty forks in raised position. • When not in use, forks lowered, brake set, controls in neutral, key removed. ***Geosyntec Procedure(s):*** *HS-505-Safe Operation of Forklifts, HS-132-Competent Persons*
☐	**AERIAL LIFTS**	☐ See Section B.4., "Fall Hazards" *Geosyntec Procedure(s): HS-509-Aerial Lifts*
☐	**TRENCHING/EXCAVATION** Hazards: Cave-in, hazardous atmosphere, structures & foundations, falls into excavations	☐ <u>Safe work practices when personnel will enter trenches/excavations:</u> • Activities under supervision/oversight of competent person, daily inspection. • Excavated materials placed at least 2' from trench sidewall. • Prevent water accumulation in trench. • Sloping & shoring for excavations ≥20' must be approved by a professional engineer. • Sloping/shoring/trench box for excavations ≥5' when persons enter trench/excavation. • Sloping/shoring/trench box for shallow (<5') excavations with cave-in hazard . • Workers in trenches to be within 25 feet of ladder or sloped entryway. • Excavations to be protected by perimeter fencing (not barricade tape), if potential for personnel to fall into. • If potential for atmospheric hazard, see Section B.10, "Confined Space Entry, Hazardous Enclosed Spaces" ***Geosyntec Procedure(s):*** *HS-402-Excavation and Trenching, HS-132-Competent Persons*
☐	**IMPORTANT!** This work may/will include close proximity to overhead and/or underground utility lines.	☐ Follow safe work practices per Section B.9., "Utility Related Hazards"
☐	**DEMOLITION**	☐ Develop/implement demolition safety plan. ***Geosyntec Procedure(s):*** *HS-132-Competent Persons*
☐	**BLASTING**	☐ Develop/implement blasting safety plan. ***Geosyntec Procedure(s):*** *HS-307-Blasting and Use of Explosives, HS-132-Competent Persons*
☒	**PUBLIC AT RISK, SITE SECURITY**	☒ During site operations protect public (overhead protection, barriers, warning signs). ☒ During off hours, protect public with barriers, warning signs/lights, other measures as appropriate. ☒ Lock/secure hazardous materials and/or equipment.
B.8. ELECTRICAL HAZARDS ☐ Applicable		**☒ Not Applicable, Not Anticipated**
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**BASIC ELECTRICAL HAZARDS TO SKILLED NON ELECTRICAL WORKERS** Equipment/tool use/operation, use of extension cords, working near electrical equipment. Hazards: Electrical shock, secondary hazards (falls, other injuries).	☐ <u>Follow safe work practices:</u> • Control water-related/wet-location hazards in a manner appropriate for the job tasks/equipment/tool. • Never touch electrical equipment if you are wet, or standing in water or on wet surfaces. • Use extension cords/power cords properly, prevent damage, take out of service if damaged. • Inspect tool/equipment/extension cords/power cords/welding cables before each use; do not use if damaged. • Use GFCI-protected outlet or portable GFCI in wet locations, outdoors, basements, concrete floors. • Ensure live parts are guarded, enclosures secure. • Enclosures, circuits properly labeled. ***Geosyntec Procedure(s):*** *HS-121-Electrical Safety*
☐	**HANDS-ON ELECTRICAL WORK BY ELECTRICAL WORKER/TECHNICIAN:** ☐ Voltage < 50 v ☐ Voltage 50-600v ☐ Voltage > 600v ☐ AC ☐ DC ☐ 3-phase ☐ Battery and/or solar power ☐ Capacitor/transformer	☐ <u>Implement electrical safe work practices pertaining to:</u> • Worker training/qualification (Level 1, Level 2, Level 3) • General electrical safe work practices, grounding, use of GFCIs • Safe work practices during diagnostics/troubleshooting, maintenance, repair • Safe design features for electrical equipment • Arc flash protection ***Geosyntec Procedure(s):*** *HS-121-Electrical Safety, HS-129-High Voltage Electricity Safety*
☐	**LOCKOUT/TAGOUT OF ELECTRICAL ENERGY**	☐ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate "authorized" personnel, notify "affected" personnel. ***Geosyntec Procedure(s):*** *HS-119-Lockout Tagout, HS-121-Electrical Safety*
☐	**IMPORTANT!** This work may/will include close proximity to electric utility lines.	☐ Follow safe work practices per Section B.9., "Utility Related Hazards"
B.9. UTILITY RELATED HAZARDS ☐ Applicable		**☒ Not Applicable, Not Anticipated**
EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**OVERHEAD, ABOVE-GROUND UTILITIES**	☐ Maintain proper clearance, employ other appropriate precautions for the conditions. ***Geosyntec Procedure(s):*** *HS-304-Overhead Electrical Lines*

☐	**UNDERGROUND UTILITIES**	☐ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions. ☐ Hand digging or vacuum post-holing within 3' of utility locations or other high risk condition.

B.10. CONFINED SPACE ENTRY, HAZARDOUS ENCLOSED SPACES ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**CONFINED SPACE(S)** <u>Potential/actual hazards</u>: ☐ Atmospheric hazards: ☐ Flammable/explosive ☐ Oxygen deficiency ☐ Hydrogen sulfide ☐ Other toxic ☐ Combustible dust ☐ Electrical ☐ Mechanical, engulfment, entrapment, stored energy	☐ Develop effective site-specific entry procedure **<u>per applicable regulatory requirements</u>**: • Personnel to be trained/qualified. • Hazards properly characterized • Use equipment necessary for safe entry (for access, retrieval, PPE, air monitoring, ventilation) • Develop measures for emergency rescue, as applicable. • IMPORTANT: - Describe site-specific safety measures above in Explanatory Notes, Clarifications - Modify this THA or attach separate confined space safety plan/permit, as appropriate ☐ Protect <u>non-entry personnel working near confined spaces</u> thru control measures to prevent unauthorized entry (such as safety orientation, labeling, delineation, barriers) ***Geosyntec Procedure(s):*** *HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-118-Confined Space Entry, Others as applicable*
☐	**HAZARDOUS ENCLOSED OR INDOOR SPACE(S)** ☐ Indoors (occupied or vacant) ☐ Machine/equipment pit/vault ☐ Basement/crawl space ☐ Tunnel, shaft, gallery ☐ Trench, excavation ☐ Hazardous exhaust or emissions ☐ Building-related hazards	☐ Use personal protective clothing to protect from chemical, physical, biological hazards. ☐ Use respiratory protection, if necessary/appropriate. ☐ Duct equipment exhaust to outdoors using passive duct or active exhaust ventilation. ☐ Use fans, blowers or other effective means of ventilation to introduce fresh air/dissipate atmospheric hazards. ☐ Conduct air monitoring, as appropriate for conditions and hazards (see Part C, "Air Monitoring"). ☐ For a trench/excavation, also see subsection entitled "Trenching/Excavation" in Section B.7. "Construction, Heavy Equipment, Lift Equipment." ☐ If space classified/regulated as a "confined space," follow confined space entry requirements (above). ***Geosyntec Procedures****: HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, Others as applicable*

B.11. STORAGE OF BULK MATERIALS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**STORAGE OF BULK MATERIALS** (for Storage of Hazardous Materials, See Section B.13.)	☐ Store materials in stable manner (stacked, racked, blocked, interlocked, tied, wrapped, or otherwise secured) to prevent tipping, sliding, rolling, falling or collapse. ☐ Do not exceed load limits of racks, platform, scaffold; ensure racks are stable, robust, secure. ☐ Ensure stored materials do not block aisles, passageways.

B.12. INFECTIOUS / ALLERGENIC BIOHAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	☐ Wastewater, sewer ☐ Bird Guano ☐ Mold, fungi, Valley Fever ☐ Bloodborne pathogens ☐ Other (describe above)	☐ Low hazard - use basic hygiene practices, protective gloves, provide for hand washing. ☐ More severe hazard - add protective clothing, respirator/dust mask, decon, as appropriate. ☐ For human pathogens use "Universal Precautions" per Bloodborne Pathogen Program. ***Geosyntec Procedure(s):*** *HS-133-Bloodborne Pathogens*

B.13. COMMERCIAL CHEMICAL PRODUCTS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD**	☐ Safety Data Sheets available, either on site or readily available within same work shift, containers labelled properly, workers trained/oriented on hazards ☐ For subcontractor use of chemical products, coordinate/discuss during safety meetings. ☐ Conduct air monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring").
☐	**COMPRESSED GAS (flammable or nonflammable)**	☐ Secure cylinders upright, caps on when not in use, handle with care, prevent damage. ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench. ☐ Store/use in a manner to prevent asphyxiation hazard. ☐ Segregate oxygen and fuel gases by distance (20') or barrier. ☐ Control ignition sources. ☐ "No smoking" signage at cylinder storage area for flammable gases. ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.

☐	**FLAMMABLE/COMBUSTIBLE LIQUIDS**	☐ Proper storage (flam. storage cabinets, other storage precautions). ☐ Use proper fuel safety can (metal fuel can preferred). ☐ Control ignition sources. ☐ Grounding and bonding where appropriate.
☐	**ACIDS, CAUSTICS, OTHER CORROSIVES**	☐ Handle with care, use appropriate eye/face/skin protection. ☐ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate.
☐	**TOXIC**	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption); use PPE as appropriate, conduct air monitoring as appropriate.
☐	**EMISSIONS FROM FUEL COMBUSTION, INDUSTRIAL PROCESSES** ☐ Gasoline ☐ Diesel ☐ Propane/Natural Gas ☐ Welding/cutting/hot work ☐ Vehicle/equipment exhaust ☐ Other	☐ Position outdoor personnel upwind of exhaust source. ☐ Use blowers, fans to provide fresh air to work area and dissipate atmospheric hazards. ☐ Use respiratory protection for high levels of smoke, exhaust particulates, soot. ☐ Conduct air monitoring as appropriate (see Part C, "Air Monitoring").
☐	**OTHER HAZARDS**	☐ Describe other hazardous substances and safety measures under "Explanatory Notes, Clarifications," above.
☐	**CHEMICAL/HAZMAT STORAGE** Check this when jobsite requirements include special provisions for chemical storage.	☐ Chemical storage cabinet, cage, storage room, or similar. ☐ Ensure incompatible chemicals are segregated. ☐ Provide secondary containment. ☐ Locate special safety equipment near chemical storage

Geosyntec Procedures: *HS-115-Hazard Communication, HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, Others as applicable*

B.14. SITE CONTAMINANTS, CHEMICAL WASTES ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

CHECK ALL THAT APPLY. Provide explanatory notes above.

☐ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Corrosive, acids/caustics, strong irritants
☐ Recent release, known high concentrations	☐ Chlorinated volatile organic compounds (VOCs)	☐ Sulfides, hydrogen sulfide (H_2S)
☐ Former chemical disposal site, landfill	☐ BTEX, petroleum derived VOCs	☐ Cyanides, hydrogen cyanide (HCN)
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Asbestos
☐ Containerized waste (drums, process equipment)	☐ Metals, metal compounds, metal dusts	☐ Lead paint
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Pesticides, herbicides, fungicides
☐ Large containers, potential for spills	☐ Polyaromatic hydrocarbons (PAHs)	☐ Sensitizers
☐ Contaminated building surfaces	☐ Polychlorinated biphenyls (PCBs)	☐ Radioactive contaminants
☐ Unexploded ordnance	☐ Potential for flammable vapors	☐ Other (see Explanatory Notes, above)
☐ Explosive dust	☐ Potential for flammable gas (methane)	

☐ **FOR WORK CONSISTING OF CLEANUP OPERATIONS, CORRECTIVE ACTIONS, PRELIMINARY INVESTIGATIONS at an "UNCONTROLLED HAZ. WASTE SITE" (per HAZWOPER, 29 CFR 1910.120), implement the following as applicable to the work:**

- Implement site control plan via Exclusion Zone(s), Contaminant Reduction Zone(s) and Support Zone (aka EZ, CRZ, SZ)
- Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard.
- Include site map/figure depicting work locations and other relevant site-specific information.
- Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field experience.
- Site supervisor(s) required to have 8-hr. Supervisor training.
- Site workers in EZ or CRZ to participate in Medical Monitoring program, as applicable.
- Implement site-specific procedures for worker protection via engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination procedures, spill containment, emergency preparedness and response.
- Conduct air monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring").

IMPORTANT: Provide supplemental information to sufficiently detail site-specific procedures for the above elements, as appropriate for the work.

Geosyntec Procedures: *HS-301-HAZWOPER, HS-108-Medical Monitoring Surveillance, HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, HS-405-Drum Sampling, Others as applicable*

☐ **FOR SITE WITH CHEMICAL CONTAMINANTS OR WASTE BUT NOT REGULATED BY HAZWOPER**

- Workers to be knowledgeable/aware of chemical hazards thru safety training/orientation and availability of hazard information
- Implement controls to minimize worker exposure through engineering controls, work practices, PPE, as appropriate.
- Conduct air monitoring/sampling to monitor/evaluate worker exposure, as applicable.

Geosyntec Procedures: *HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, Others as applicable*

☐	**OFF-SITE MIGRATION OF CONTAMINANTS**	☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.

☐	**SPILL CONTAINMENT, CONTAINERS**	☐ Describe above any site-specific procedures for spill containment, container handling, as applicable. ***Geosyntec Procedures**: HS-406-Unknown Hazardous Waste Drum Handling*

B.15. RADIATION HAZARDS (Other than Sunlight) ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**IONIZING RADIATION**	Describe hazards & safety measures above in Explanatory Notes, Clarifications. Conduct exposure monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring"). ***Geosyntec Procedures:** HS-126-Radiation Safety Program, HS-128-Ionizing and Non-Ionizing Radiation*
☐	**NON-IONIZING RADIATION**	Describe hazards & safety measures above in Explanatory Notes, Clarifications. Conduct exposure monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring"). ***Geosyntec Procedures:** HS-128-Ionizing and Non-IonizingRadiation*

B.16. HAZMAT/DANGEROUS GOODS SHIPPING/TRANSPORTATION ☐ Applicable ☒ Not Applicable, Not Anticipated

MODE(S) OF TRANSPORT:	☐ Road	☐ Rail	☐ Air	☐ Sea	☐ Inland Waterway	☐ International

IMPORTANT: Ensure that each individual who will be involved in shipping/transportation of hazardous material is current with required training (awareness, function-specific, safety, security) in accordance with applicable regulatory authority (DOT, FAA, IATA, TDG), and ensure adherence to applicable regulations.

***Geosyntec Procedures:** HS-135-Hazardous Materials Procedures*

EXPLANATORY NOTES, CLARIFICATIONS:

PART C – AIR MONITORING, WORKER EXPOSURE MONITORING

C.1. AIR MONITORING (Direct-Reading Instruments) ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**AIR-TESTING PARAMETERS**	☒ VOCs, GASES ☒ PID, Lamp energy: 10.6 eV ☐ FID ☐ Carbon monoxide ☐ Hydrogen sulfide ☐ Oxygen (O_2)	☐ Flammable gas (LEL) ☐ Particulate (dust) ☐ Calibration kit for each parameter ☐ Other:

☐	**ACTION LEVELS FOR O2/LEL**	☐ Oxygen	≤19.5% - ventilate to raise O_2 to acceptable levels, or use Level B. ≥23.0% - ventilate to lower O_2 to acceptable levels, or use Level B and control fire hazards & ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10%.

☒	**ACTION LEVELS FOR TOXICS** (sustained breathing zone concentrations)	**Parameters**	**Level D, Modified D***	**Use levels C or B*, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D*.**
		☒ VOCs	< 100 ppm	__ ppm to __ ppm: Level C (air purifying respirator) > __ ppm: Level B (air-supplied respirator)
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☐ Total Dust	< __ mg/m³	>__ mg/m³ - Level C (air-purifying respirator)
		☐		
		☐		

*** Levels of Protection:** **Level D** (standard work clothes, basic personal protective wear, no chemical protective clothing, no respiratory protection)
Modified Level D (chemical protective clothing in addition to standard work clothes, no respiratory protection)
Level C (air purifying respirator or dust mask, in addition to chemical protective clothing)
Level B or A (air supplied respirator, chemical protective suit; fully-encapsulating suit for Level A)

***Geosyntec Procedures:** HS-111-Air Monitoring*

C.2. OTHER WORKER EXPOSURE MONITORING ☐ Applicable ☒ Not Applicable, Not Anticipated

☐ Air Sampling *(sample collection, passive dosimeter)* ☐ Wipe/Bulk Sampling *(to evaluate worker exposure)*	☐ Ionizing or Non-ionizing Radiation Testing ☐ Noise Testing	☐ Heat Stress Testing ☐ Other

EXPLANATORY NOTES, CLARIFICATIONS:

***Geosyntec Procedures:** HS-109-Hearing Protection, HS-111-Air Monitoring, HS-124-Heat Stress Prevention, HS-126-Radiation Safety Program, HS-128-Ionizing and Non-ionizing Radiation, HS-601-Asbestos, HS-602-Lead*

PART D – APPROVALS, ACKNOWLEDGEMENTS

D.1. THA PREPARATION, REVIEW/APPROVAL SIGNATURES - THA typically prepared by project staff, reviewed/approved by Project Manager, Supervisor, qualified/knowledgeable designee, with support of HS personnel as deemed appropriate by the Project Manager.			
THA PREPARED BY: (minimum one person)	*Printed Name*	*Signature*	*Date*
THA REVIEWED/ APPROVED BY: (minimum one person)	*Printed Name*	*Signature*	*Date*

D.2. FIELD CREW ACKNOWLEDGEMENTS			
GEOSYNTEC FIELD CREW Please sign below to acknowledge you reviewed and understand this THA, participated in project safety briefing and had an opportunity to ask questions about the information herein.			
Printed Name	**Signature**	**Employee No.**	**Date**
SUBCONTRACTOR'S FIELD CREW Please sign below to acknowledge that this THA was made available to you, and you had an opportunity to ask questions about the information herein.			
Printed Name	**Signature**	**Company Name**	**Date**

Geosyntec consultants

TASK HAZARD ANALYSIS (Ver. 2, June 2015)

Geosyntec HS Procedures referenced herein are available on Geosyntec's H&S SharePoint site and should be consulted, as appropriate, per project-specific needs. This TEHA prepared per HS-106-Accident Prevention Program, HS-204-Task Hazard Analysis, and meets the requirements for a "Site-Specific Health and Safety Plan" per Geosyntec HS Procedures and regulations referenced herein (see Section B.14.).

PART A – SITE SAFETY PLAN

A.1. PROJECT/TASK INFORMATION

TASK:	Soil Vapor Extraction (SVE) System Installation and Operation		
Project Name:	777 Front Street RP	**Project Number/Org:**	HR1305E/1430
Project Address:	777 Front Street, Burbank, CA		
Description of Task & Worksite:	Oversee excavation of impacted soil, collect confirmation samples and oversee off-site disposal of the excavated soil		

Geosyntec Personnel	**Name**	**Desktop Office Phone**	**Mobile Phone**
Site Lead/HS Officer	Goodwin Wharton	(714) 465-1258	(413) 301-3925 (Cell)
Project Manager	Mital Desai	(626) 788-4634	(818) 808-6189 (Cell)
Project Director	Eric Smalstig	(714) 465-1219	(714) 501-8903 (Cell)
HS Coordinator	Molly Small	(714) 465-1229	(209) 648-9176 (Cell)
HS Mngr.	Gary Pons	(714) 465-1255	(714) 519-4812 (Cell)
Corp. HS Director	Dale Prokopchak	804-332-6376	804-349-8067
Client Contact(s):	Developer	number	number
Subcontractor(s):	☐ Not Applicable ☐ Applicable, provide contact information below: Subcontractors will be determined later		

A.2. EMERGENCY RESPONSE

Based on analysis of worksite factors, client/regulatory requirements, availability of emergency services.

Consider all Relevant Risk Factors & Response Procedures *(fire/explosion, medical, chemicals/spills, security, site factors, weather, communications)*.
EXPLANATORY NOTES, CLARIFICATIONS:

Available Means of Jobsite Emergency Communication/Alerting	☒ Verbal ☒ Mobile Phone ☐ Land Line ☐ 2-Way Radio ☐ On-site alarm/signal system ☐ Other:
To Summon Emergency Services Police, Fire, Ambulance	☒ **DIAL 911**, for external responders ☒ **Other**: Burbank Fire Department
Other Emergency Contacts, as needed *(such as security, spill responder, utility):*	
Nearest Emergency Medical Services	Hospital Name: Providence St. Joseph Medical Center Address: 501 S. Buena Vista St, Burbank, CA 91505 Phone #: (818) 843-5111 ☒ See Attached Directions to HASP
For **Non-Emergency Urgent Care**	Contact WorkCare at 888-449-7787
Job-site **Evacuation** Procedure, Rally Point, Place of refuge:	Proceed to exit the site from the entrance/exit located on the Front Street to the muster point marked on the site map (page Viii of HASP)
Special Emergency Equipment/Procedures	NA

IMPORTANT: After initial emergency response actions and incident stabilization, contact appropriate project personnel listed in Part A.1.

A.3. SUMMARY OF WORK STEPS, HAZARDS, CONTROLS

Based on **PART B, "HAZARD ANALYSIS,"** and worksite/client/project factors.

<u>Summary/outline of work steps/hazards/controls, with references to applicable Sections in Parts B and C, as applicable</u>:

WORK STEPS	**HAZARDS**	**CONTROLS**
Travel to and from site	*Refer to B.1*	*Refer to B.1*
Installation of SVE System	*Refer to B.1, B.4, B.5, B.6, B.7, B.8, B.9, B.13, B.14 and C.1*	*Refer to B.1, B.4, B.5, B.6, B.7, B.8, B.9, B.13, B.14 and C.1*
Operation of SVE System	*Refer to B.1, B.4, B.5, B.8, B.9, B.14 and C.1*	*Refer to B.1, B.4, B.5, B.8, B.9, B.14 and C.1*

A.4. HS&E EQUIPMENT LIST

List worksite equipment for worker protection; provide details in Explanatory Notes, Clarifications.

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**ROUTINE PPE**	☒ Standard work clothes appropriate for task ☒ Hard-toed boots/shoes ☒ Hardhat ☒ Safety glasses ☒ Work gloves appropriate for task ☒ Noise/hearing protection ☒ High-visibility/reflective vest ☐ Basic PPE for protection from low-hazard chemical contact & dust (nitrile gloves, Tyvek suit, dust mask, boot covers).
☒	**ROUTINE HS&E EQUIPMENT/GEAR**	☒ First Aid Kit ☒ Fire extinguisher ☒ Emergency eyewash bottle(s) ☐ Insect control (repellant, wasp spray, other) ☒ Caution tape ☒ Sun protection (sunscreen, shade canopy, other) ☒ Project-supplied drinking water and/or hygiene facilities ☐ Absorbent matting/roll ☒ Vehicle emergency kit (flares, lights, reflective device) ☐ Traffic control warning devices (cones, or similar) ☐ Other:
☐	**NON-ROUTINE PERSONAL PROTECTIVE EQUIPMENT (PPE)** (Indicate specific types of PPE in Explanatory Notes, Clarifications)	☐ Goggles and/or face shield ☐ Chemical protective gloves ☐ Coveralls (Tyvek, or other) ☐ Outer boots, boot covers ☐ Disposable n-95 dust mask ☐ Half-face respirator (APR), cartridges ☐ Full-face respirator (APR), cartridges ☐ Personal flotation device ☐ Fire retardant clothing ☐ Arc Flash Protection ☐ Electrical-Hazard-rated boots, gloves ☐ Personal fall apparatus ☐ Other:
☒	**SPECIAL HAZARD CONTROLS**	☐ Portable GFCI ☐ Lockout/tagout equipment ☐ Ventilation equipment (fan, blower) ☒ Eyewash - 15 min. flow ☐ Emergency deluge shower ☐ Air horn, alarm ☐ Other:
☒	**DECON, PPE DISPOSAL**	☒ Receptacle for disposable PPE ☒ Hand washing provisions ☐ Decon solution, related supplies ☐ Other:
☒	**AIR MONITORING EQUIPMENT, OTHER EQUIPMENT FOR WORKER EXPOSURE TESTING**	List equipment/devices to be brought to worksite; Use in accordance with procedures in Part C: Photoionization Detector

PART B – HAZARD ANALYSIS and CONTROLS *Complete Section B.1., then subsequent sections as applicable to the task(s).*

B.1. ROUTINE HAZARD PREPAREDNESS **This section required for all tasks.**

Explanatory Notes, Clarifications:

General Safety, Wellness, Preparedness – Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☒ **General premises** hazards - housekeeping, rough terrain, trip hazards, steep slope, remote location.

☒ **Weather/climate-related hazards** – heat stress/cold stress measures, sun screen, severe weather shelter/refuge, "30/30 rule" for lightning

☒ **Plant/Insect/Animal Hazards** - Precautions: poison ivy wash; insect repellant; check for ticks; hornet nest spray; animal precautions.

☒ **Worksite traffic hazards** – Implement measures to protect personnel (high visibility/reflective clothing, on-person lighting, traffic control measures).

☒ **Illumination hazards/night work** - Illuminate work areas and/or access routes, use reflective/hi-visibility clothing or on-person lighting, as appropriate.

☒ **Lifting, manual material handling** – use proper lifting procedures, seek help for >50 lbs.

Geosyntec Procedures: *HS-124-Heat Stress, HS-125-Cold Stress, HS-127-Ticks, HS-208-Housekeeping, HS-210-Walking and Working Surfaces, HS-401-Back Injury Prevention, HS 517 Traffic Safety*

Routine Personal Protection – Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☒ **Head protection from overhead hazards** - Wear hardhat or "bump cap" as appropriate for hazard.

☒ **Hand protection** - Wear protective work gloves appropriate for the hazard and work tasks.

☒ **Eye protection** - Wear safety glasses (with side shield or wrap around, either clear or shaded for sun protection), or other appropriate eye protection.

☒ **Foot protection, rough terrain** - Wear work boots/shoes with hard toes, ankle support, puncture resistance, traction, as appropriate for conditions.

☒ **Hearing protection** – use earplugs, earmuffs (or both) as appropriate for conditions; at a minimum where noise levels exceed 85dBA.

☒ **Dust, unsanitary conditions** – For general protection against minimal non-specific hazards, use protective clothing and/or disposable dust mask, as needed.

Geosyntec Procedures: *HS-109-Hearing Conservation, HS 112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-207-Working Alone, HS-105-Driver and Vehicle Safety*

Tools, Equipment, Machinery – Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☒ **Manual hand tools -** proper tool for the job, maintain in good condition, use vise/clamp to hold work piece, proper follow through, stay clear of "line of fire."

☒ **Knives, cutting tools -** Utility/folding/collapsible knives and fixed open-bladed knives/cutting tools are *not* permitted, unless specifically authorized. Cutting tools with automatically-retracting blades, or with enclosed/guarded blades are permitted. See HS-502-*Manual Hand Tools* for additional Information.

☒ ***Working near*** **powered tools/equipment/machinery –** safe distance, heed warning signs, stay out of "line of fire," use PPE (for eye/hearing/dust protection).

☒ ***Operation/use of*** **powered tools/equipment/machinery – See Section B.5.**

HS-502-Manual Hand Tools

Security– Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.

☐ **High crime, urban** – Use appropriate measures for personal security (such as buddy system, security service, work scheduling, other measures)

☒ **Working alone** - Establish "check in" procedure with supervisor/project manager.

Geosyntec Procedures: *HS-207-Working Alone*

Routine Driving Hazards – **Delineate site-specific HS aspects, as appropriate, in "Explanatory Notes, Clarifications," above.**

☒ **Routine work travel** - Use routine safe/defensive driving practices (seat belts, safe speeds, eyes ahead, no tailgating, limit distractions, safe cell phone use, no texting, clear windows, account for weather/road conditions, adequate sleep, other measures as appropriate).

☐ **Unfamiliar location** - Plan travel route before driving (assemble maps, enter destination in GPS).

☐ **Long Distance or During Sleep Hours** – Minimize fatigue: rest breaks, light snacks (avoid heavy meals), stay hydrated, fresh air, no loud music, clean windshield.

☒ **Unfamiliar vehicle** – Become familiar with vehicle operational controls and handling characteristics before operating vehicle.

Geosyntec Procedures: *HS-105-Driver and Vehicle Safety*

B.2. SPECIAL DRIVING/TRAFFIC/TRANSPORTATION HAZARDS ☐Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**SPECIAL DRIVING HAZARDS** Off-Road Driving or use of non-typical vehicle, heavy vehicle, van, golf/utility cart, ATV Hazards: Worker injury due to vehicle collision, rollover	☐ For off road driving, do not exceed capability of vehicle, beware of wet conditions, speed low, avoid unsafe orientation on slopes. ☐ Follow ATV specific procedures for training, safety equipment, operation, manufacturer's instructions. ☐ Special Skills Required for Vehicle type - For vehicles requiring special skills (such as windowless van, heavy work vehicle, utility vehicle, similar) ensure operator is provided training and/or has appropriate operator skills through experience. ***Geosyntec Procedure(s):*** *HS-510-All Terrain Vehicles*
☐	**TRANSPORTING MATERIALS, TOWING/HAULING LOADS** Hazards: Vehicle accident, occupant injury from shifting load, unsafe equipment.	☐ Ensure load is firmly secured (rope, straps, load configuration) to prevent shifting during travel. ☐ Slings, chains, strap, rope and related equipment used for towing, hauling, load-securing shall be appropriate for use, and used in a manner as to prevent an unsafe condition. ☐ For trailer use, verify signal/braking lights operational, rear-view mirrors effective, hitch/safety chains secure.
☐	**WORKSITE TRAFFIC HAZARDS** Where the project worksite is located in/near vehicle thoroughfare. Hazards: Worker injury from being struck by vehicle traveling in thoroughfare.	☐ Wear reflective vests where exposed to traffic hazards. ☐ Where possible, park vehicles as protective shield from oncoming traffic. ☐ Configure work area and support vehicles to minimize worker exposure to traffic hazards. ☐ Use DOT signal devices to re-route vehicles around work area, site entrances/exits. ☐ Use DOT-trained flaggers or police detail where appropriate or required. ***Geosyntec Procedure(s):*** *HS-517-Traffic Safety*
☐	**RAILROAD HAZARD** Hazard: Worker injury from being struck by train in R.R. right-of-way	☐ Coordinate with rail company and implement required safety and security measures. ☐ Site workers to receive safety training for railroad work. **Geosyntec Procedure(s):** HS-305-Rail Operations
☐	**WATER TRANSPORTATION**	☐ Follow HS 312 "Water Transportation Safety," and Section B.3., "Water/Boating Hazards." **Geosyntec Procedure(s):** HS-312-Water Transportation Safety
☐	**AIRPORT, AIRCRAFT** Worker injury when working on/near airport runway, or use of helicopter, light aircraft	☐ Coordinate safety requirements with Airport personnel and implement required safety measures. ☐ Site workers to receive safety training for railroad/airport work. ☐ Follow provisions of applicable Geosyntec HS Procedures, below: ***Geosyntec Procedure(s):*** *HS-310-Helicopter Safety, HS 311-General Aviation (Small Aircraft) Safety*
☐	**TRAFFIC/VEHICLE HAZARDS RELATED TO HEAVY EQUIPMENT, CONSTRUCTION SITE ACTIVITIES**	☐ See Section B.7., "Construction, Heavy Equipment, Lift Equipment"

B.3. WATER/BOATING HAZARDS ☐ Applicable ☒ Not Applicable or Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**OPERATOR OF WATER CRAFT OR PASSENGER/WORKER ON WATER CRAFT OR PLATFORM** Hazards: Drowning, hypothermia, collision, motor/fuel hazards, navigation	☐ Wear regulatory-approved personal flotation device (PFD) or buoyant work vest. ☐ Bring emergency rescue equipment (ring buoy, reaching device, flares). Use "reach, throw, row, go" strategy. ☐ Use fuel safety practices, fire extinguisher present in boat. ☐ Have lifesaving skiff/boat available. ☐ Monitor weather, develop float plan, ensure navigation/communication equipment operable. ☐ For tidal, flash flood, dam release hazards, plan/locate work accordingly, other precautions as appropriate. ☐ Where ice/slip hazards are present adjacent to water body, and for working directly on ice over water, wear ice creepers, sand work area, or take other appropriate measures to address slip hazard. ☐ For high-hazard work over very cold water, have immersion survival suit available, as appropriate. ☐ For electrical hazards associated with water/wet locations, see Section B.8., "Electrical Hazards." ***Geosyntec Procedure(s):*** *HS-306-Working on/near Water and Ice, HS-312-Water Transportation Safety*
☐	**WORK NEAR WATER HAZARDS OR ENTERING WATER** Hazards: drowning, hypothermia from water immersion, related injuries. ☐ Wading, wetland, mud/silt ☐ Dam release, flash flood, tide ☐ Diving ☐ Ice on/near water body	

B.4. FALL HAZARDS ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:		
☐	**WORKING AT HEIGHTS (GENERAL)** Hazards: Falls, overhead hazards, impalement hazard (such as from falling onto unprotected rebar and similar)	*General fall protection requirement thresholds: required @ >4' (industry), >6' (construction), >10' (scaffolds)* ☐ Ensure guardrails present ☐ Use personal fall apparatus (PFA) ☐ Use tether or positioning device ☐ Restrict access to hazard (barriers, tape, sign) ☐ Ensure covers in place over holes ☐ Use designated "watch person" ☐ Use fall protection net ☐ Restrict access beneath work to protect other site personnel from overhead hazards ☐ Ensure safe access to elevated work location (ladder, stair,) ☐ Install caps on protruding rebar ***Geosyntec Procedure(s):*** *HS-120-Fall Protection, HS-210-Walking and Working Surfaces*
☒	**LADDERS / STAIRS** ☒ Extension/straight ladders ☒ Step ladders ☐ Fixed ladders ☐ Stairs Hazards: Falls, overhead hazards	☒ Follow safe work practices: • Use ladders according to safe practices and manufacturer's instructions. • Maintain 3 points of contact at all times on ladder; keep center of gravity within side rails. • Do not use metal (conductive) ladder near electrical hazard. • Extension/straight ladders shall be properly footed, secured, angled, extend above upper work surface. • Stepladders are set on level ground or properly shimmed, spreaders locked; do not climb/stand on top step, top cap, or rear non-climbing side; use step ladder of sufficient length for work. • Equip stairs with stair-rails where more than 4 steps, and for stairway height 4' or more. ***Geosyntec Procedure(s):*** *HS-501-Ladders*
☐	**SCAFFOLD** ☐ Supported scaffold ☐ Suspended scaffold ☐ Free-standing/mobile scaffold Hazards: Falls, overhead hazards, equipment collapse.	☐ Follow safe work practices: • Identify/coordinate operations with subcontractor's competent person. • Supported scaffold level, stable, proper attachments, tiebacks, planking, • Suspended scaffolds anchored properly. • Guardrails or personal fall apparatus required above 10 feet. • Proper means of accessing scaffold (proper ladders, stair tower). • Total height of free-standing scaffold not to exceed four times the minimum base dimension. • Do not exceed load limits; store/stage materials in quantities sufficient for immediate use. ***Geosyntec Procedure(s):*** *HS-507-Scaffolds*
☐	**AERIAL LIFT** Hazards: Falls, overhead hazards, struck-by, run-over, caught between (pinch points), tip over, fluid leaks.	☐ Follow safe work practices: • Operators to be sufficiently trained, experienced and qualified. • Equipment is inspected after mobilization and is in good condition. • Harness & lanyard worn whenever operating the lift (possible exception for scissor lifts). • Overhead and surface obstructions to be reviewed with operators prior to use. ***Geosyntec Procedure(s):*** *HS-509-Aerial Lifts*
☒	**IMPORTANT!** This work may/will include close proximity to overhead electric utility lines.	☒ Follow safe work practices per Section B.9., "Utility Related Hazards"

B.5. POWERED TOOLS, EQUIPMENT, MACHINERY ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:		
☒	**POWERED HAND TOOLS** ☒ Battery-operated ☒ Electric-powered, 120v/240v ☐ Fuel-powered ☐ Pneumatic ☐ Powder-actuated Hazards: Eye/hand/body injury, fuel-related hazards, Inhalation hazards, noise, sparks, heat, fire hazard, electrical hazards	☒ For all power tools: • Inspect tools to ensure safe operating condition before each use. • Use tool in accordance with manufacturer's specifications. • Ensure guards are in place and no hazardous equipment modifications. • Use PPE or other safety practices, as appropriate, for eye/hearing/hand/head/body protection. • Provide training or verify operator competency for use of power tool. • Stay clear of hazard zone, "line of fire," when working near where power tools are used. • For spark/heat generating tool, control fire hazards, segregate combustible/flammable materials. • Use vise/clamp/work bench or other appropriate means to hold/secure the work piece. ☐ Use respirators, ventilation, wet methods, other appropriate means to control inhalation hazard. ☐ See fuel-safety practices in Section B.13., "Commercial Chemical Products." ☒ For electrical hazards, see Section B.8., "Electrical Hazards". ***Geosyntec Procedure(s):*** *HS-109-Hearing Conservation, HS-113-Personal Protective Equipment, HS-121-Electrical Safety, HS-503-Powered Hand Tools, Others as applicable*

☒	**OPERATION OF EQUIPMENT/MACHINERY** ☒ Point-of-operation hazards ☒ Pinch points, moving parts ☒ 'Struck-by,' 'caught between' ☒ Hot surfaces, heat ☒ Extension cords, flexible wire ☒ Fuel related (gas or liquid) ☐ Hydraulic pressure ☒ Pneumatic pressure ☒ Kinetic, stored energy ☒ Noise ☐ Emissions, discharge gases ☒ Working at heights, falls ☒ Lifting, repetitive motion ☒ Illumination ☒ Electrical	☒ General safety requirements for equipment, machinery: • Arrange worksite for safe access to equipment/machinery. • Use equipment/machinery in accordance with manufacturer's use and safety instructions. • Ensure point-of-operation, mechanical power transmission, other moving parts are guarded with protective devices; do not override interlocks, guards, protective devices. • Secure long hair/loose clothing/hanging jewelry near moving/rotating parts. • Heed warning signs/labels, keep safe distance; avoid locations of "struck by" and "caught between" hazards. • Implement lockout/tagout for repairs/adjustments/tooling changes. ☒ Use safe lifting practices for movement of heavy portable equipment ☒ Implement safe work practices for compressed air, pressurized systems (pneumatic/hydraulic), stored energy. ☒ For climbing/fall hazards associated with large equipment, see Section B.4., "Fall Hazards." ☒ For electrical hazards, see Section B.8., "Electrical Hazards." ☐ Operate fuel-powered equipment in well ventilated location. ☒ Use safe practices for fuels, see Section B.13., "Commercial Chemical Products." ***Geosyntec Procedure(s):*** *HS-109-Hearing Conservation, HS-113-Personal Protective Equipment, HS-119-Lockout/Tagout, HS-121-Electrical Safety, HS-503-Powered Hand Tools, Others as applicable*
☒	**LOCKOUT/TAGOUT OF HAZARDOUS ENERGY**	☒ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate "authorized" personnel, notify "affected" personnel. ***Geosyntec Procedure(s):*** *HS-119-Lockout Tagout*
☒	**WELDING, CUTTING, HOT WORK (GAS OR ARC)** UV/IR light-eye/skin burns, hot-work hazards, toxic welding fumes, compressed gases, electrical shock	☒ General safe work practices: • Hot work permit system to be implemented. • Operator properly protected (eye protection, clothing, apron, etc.). • Fire hazard controls (watcher, fire extinguisher, water, isolate combustibles). • Protect nearby personnel from hazardous UV, IR light (shielding, curtain). ☒ For gas welding/cutting, use gas cylinder safe practices (secured, upright, caps on when not in use, prevent Damage; never secure gas cylinders to metal bench used for arc welding). ☒ For arc welding, follow electrical safe work practices. See Section B.8., "Electrical Hazards." ☒ See Section B.13., "Commercial Chemical Products," for hazards of welding rods (toxic metals), welding gases. ***Geosyntec Procedure(s):*** *HS-511-Welding, Cutting and Other Hot Work*
☒	**COMPRESSED AIR, COMPRESSOR** (for compressed gases, see Section B.13., "Compressed Gases")	☒ Never direct nozzle toward body; do not use compressed air for cleaning clothes. ☒ If compressed air is used for cleaning, restrict pressure to 30 psi or below, equip nozzle with chip guard. ☒ Use eye protection. ☒ Ensure air tank, hoses, fittings are in good repair using factory fittings.
☒	**PORTABLE GENERATOR** Hazards: Electrical shock, carbon monoxide in exhaust, fuel-related fire, injury from mechanical hazards, lifting	☒ Follow general safety practices for Operation of Equipment/Machinery (above), and as follows: • Use in accordance with manufacturer's instructions. • Keep generator and work area dry. • Never use indoors, or near building air intake vents due to carbon monoxide hazard. • Provide for ventilation and/or air monitoring where hazardous accumulation of exhaust emissions is possible. • Use hearing protection in close proximity to operating generator, as needed. • Use power cords/extension cords specified by instructions. • Use ground-fault circuit interrupters (GFCIs) in accordance with manufacturer's instructions. • See Section B.8., "Electrical Hazards." • Shut down equipment before refueling. See safe practices for flammable/combustible liquids in Section B.13., "Commercial Chemical Products." ***Geosyntec Procedures:*** *HS-109-Hearing Conservation, HS-111-Air Monitoring, HS-115-Hazard Communication (for fuel), HS-121-Electrical Safety, Others as applicable*
☐	**PORTABLE HEATERS (electric or fuel powered)** Hazards: Electric-powered: Electrical shock, fires from hot surfaces. Fuel powered: Carbon monoxide in exhaust, fires from hot surfaces, fuel-related fires	☐ Follow general safety practices for Operation of Equipment/Machinery (above), and as follows: • Keep heater dry, and locate heater on level surface away from high traffic areas. • Never use fuel-powered heaters indoors, or near air intake vents, due to carbon monoxide hazard. • Provide for ventilation and/or air monitoring where hazardous accumulation of exhaust emissions is possible. • Keep combustible materials at least 3 feet from hot surfaces. • Do not use an extension cord or power strip to power an electric heater. • For electric heaters, See Section B.8., "Electrical Hazards." • Shut down fuel-powered equipment before refueling. See safe practices for flammable/combustible liquids and/or compressed gases in Section B.13., "Commercial Chemical Products." ***Geosyntec Procedures:*** *HS-111-Air Monitoring, HS-115-Hazard Communication (for fuel, HS-121-Electrical Safety, Others as applicable*

B.6. DRILLING ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**DRILLING** Hazards: Struck-by, run-over, caught between (pinch points), manual lifting, roll over, fluid leaks, fuel hazards, suspended equipment	☒ Follow safe work practices, as applicable: • Non-essential personnel to stay clear of drilling work zone when drill rig in operation. • Equipment inspected daily upon mobilization; maintained in good repair, backup alarms. • Leaks or defective safety equipment should be repaired before use. • Establish eye contact with operator and use hand signals prior to approaching near equipment. • PPE used near operating rig (eye/head/hearing/hand/foot protection, high visibility vests or equivalent). • Contractor inspects drill rig daily before use, verify daily that emergency stop is functional. • Drill rig to be equipped with operational emergency stop, equipment in good repair, machine guards in place, whip checks on high pressure lines. • Park personal/support vehicles in a location as to not obstruct travel lanes or other site operations. • Operators/helpers maintain safe distance from moving parts; secure loose hair, loose clothing, equipment. • Drill rigs will only be moved with masts lowered. • Max. safe slope for rig will be followed, drill rig leveled, appropriate blocking/cribbing as needed. • Use safety practices for refueling, fuel handling/storage/transport. • Spill equipment is available for fuel and hydraulic fluid leaks. • Verify mechanical lift/rigging equipment (cables, sheaves, boom, attachments) is in proper working order. • Ventilate and conduct air monitoring, as appropriate, when drilling indoors. ***Geosyntec Procedure(s):*** *HS-403-Drilling, Others as applicable*
☒	**IMPORTANT!** This work may/will include close proximity to overhead electric utility lines.	☒ Follow safe work practices per Section B.9., "Utility Related Hazards"

B.7. CONSTRUCTION, HEAVY EQUIPMENT, LIFT EQUIPMENT ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**HEAVY EQUIPMENT** Hazards: Struck-by, run-over, caught between (pinch points), roll over, fluid leaks, overhead hazards	☒ Follow general safe work practices for heavy equipment: • Trained/qualified persons operate all heavy equipment. • Do not get into a potential crush situation below or between equipment, or in an excavation. • No passengers on moving/operating equipment except where passenger seat/restraint is present. • Equipment inspected daily upon mobilization; maintained in good repair, backup alarms. • Leaks or defective safety equipment should be repaired before use. • Operators required to use seatbelts. • Maintain eye contact with operator and use hand signals prior to approaching near equipment. • High visibility vests for all personnel in construction vehicle work area, on-site roadways and travel lanes. • Maximum safe slope for each vehicle will be followed. • Personnel to stay clear of, or restrict access to, swing radius and travel path of equipment. • Spill equipment available for fuel and hydraulic fluid leaks. • Equipment locked, secured, brakes set, buckets/forks lowered, when not in use. • Park personal/support vehicles in a location as to not obstruct travel lanes or other site operations. • Mark temporary roadways clearly, provide berms/stop logs where needed. ***Geosyntec Procedure(s):*** *HS-504-Heavy Equipment, HS-132-Competent Persons*
☒	**CRANES** Hazards: - electrocution by overhead utility - injury in swing radius - injury from falling load - crane tipping over due to overbalancing, high winds, unstable ground, unsafe slope, bad placement of outriggers - injury from mechanical hazards	☒ In addition to general safety practices for heavy equipment (above), as applicable: • Only qualified persons operate cranes (certificate required). • Critical Lift Plan & Checklist prepared/executed (HS 506) prior to mobilization. • Equipment to be inspected prior to mobilization and daily by crane operator. • Crane operator will remain at the controls at all times during operation. • Crane operation must be performed under the direction of an appointed signal person at all times. • Communication between crane operator and signal person will be maintained through standard hand signals or voice communication equipment. • Keep area beneath suspended loads clear of personnel. • Rigging procedures – see Mechanical Lifting, Rigging, below. ***Geosyntec Procedure(s):*** *HS-506-Cranes, HS-132-Competent Persons*
☒	**MECHANICAL LIFTING, RIGGING** Applies to lifting by crane, truck-mounted boom rig (e.g. drill rig), mechanical/electrical hoist, similar equipment. Hazards: falling loads, personnel under suspended loads.	☒ In addition to general safety practices for heavy equipment and cranes (above), as applicable: • Coordinate lifting operations with competent person. • Do not exceed loading limits of lifting equipment; perform work in accordance with equipment load chart. • Slings, chains, rope, wire rope and related equipment used for lifting shall be maintained in good condition, and used in a manner as to protect from damage. • Rigging, wire rope and hoisting equipment will be inspected and maintained on a weekly basis. • Hooks will be equipped with safety latches. • Ensure anchor points for winch or other lift device (such as davit arm) are engineered for intended use. ***Geosyntec Procedure(s):*** *HS-506-Cranes*
☒	**FORKLIFT**	☒ In addition to general safety practices for heavy equipment (above), as applicable: • Qualified operator, per established forklift training (certificate is required).

	Hazards: Struck-by, run-over, overhead hazards, caught between (pinch points), roll over, fluid leaks.	• Equipment inspected daily and documented on Forklift Preoperational Inspection Checklist. • Do not exceed lifting load limits. • Forklift shall not be moved/driven with empty forks in raised position. • When not in use, forks lowered, brake set, controls in neutral, key removed. ***Geosyntec Procedure(s):*** *HS-505-Safe Operation of Forklifts, HS-132-Competent Persons*
☐	**AERIAL LIFTS**	☐ See Section B.4., "Fall Hazards" *Geosyntec Procedure(s): HS-509-Aerial Lifts*
☐	**TRENCHING/EXCAVATION** Hazards: Cave-in, hazardous atmosphere, structures & foundations, falls into excavations	☐ Safe work practices when personnel will enter trenches/excavations: • Activities under supervision/oversight of competent person, daily inspection. • Excavated materials placed at least 2' from trench sidewall. • Prevent water accumulation in trench. • Sloping & shoring for excavations ≥20' must be approved by a professional engineer. • Sloping/shoring/trench box for excavations ≥5' when persons enter trench/excavation. • Sloping/shoring/trench box for shallow (<5') excavations with cave-in hazard . • Workers in trenches to be within 25 feet of ladder or sloped entryway. • Excavations to be protected by perimeter fencing (not barricade tape), if potential for personnel to fall into. • If potential for atmospheric hazard, see Section B.10, "Confined Space Entry, Hazardous Enclosed Spaces" ***Geosyntec Procedure(s):*** *HS-402-Excavation and Trenching, HS-132-Competent Persons*
☐	**IMPORTANT!** This work may/will include close proximity to overhead and/or underground utility lines.	☐ Follow safe work practices per Section B.9., "Utility Related Hazards"
☐	**DEMOLITION**	☐ Develop/implement demolition safety plan. ***Geosyntec Procedure(s):*** *HS-132-Competent Persons*
☐	**BLASTING**	☐ Develop/implement blasting safety plan. ***Geosyntec Procedure(s):*** *HS-307-Blasting and Use of Explosives, HS-132-Competent Persons*
☒	**PUBLIC AT RISK, SITE SECURITY**	☒ During site operations protect public (overhead protection, barriers, warning signs). ☒ During off hours, protect public with barriers, warning signs/lights, other measures as appropriate. ☒ Lock/secure hazardous materials and/or equipment.
B.8. ELECTRICAL HAZARDS ☒ Applicable		**☐ Not Applicable, Not Anticipated**
EXPLANATORY NOTES, CLARIFICATIONS:		
☒	**BASIC ELECTRICAL HAZARDS TO SKILLED NON ELECTRICAL WORKERS** Equipment/tool use/operation, use of extension cords, working near electrical equipment. Hazards: Electrical shock, secondary hazards (falls, other injuries).	☒ Follow safe work practices: • Control water-related/wet-location hazards in a manner appropriate for the job tasks/equipment/tool. • Never touch electrical equipment if you are wet, or standing in water or on wet surfaces. • Use extension cords/power cords properly, prevent damage, take out of service if damaged. • Inspect tool/equipment/extension cords/power cords/welding cables before each use; do not use if damaged. • Use GFCI-protected outlet or portable GFCI in wet locations, outdoors, basements, concrete floors. • Ensure live parts are guarded, enclosures secure. • Enclosures, circuits properly labeled. ***Geosyntec Procedure(s):*** *HS-121-Electrical Safety*
☒	**HANDS-ON ELECTRICAL WORK BY ELECTRICAL WORKER/TECHNICIAN:** ☐ Voltage < 50 v ☐ Voltage 50-600v ☐ Voltage > 600v ☐ AC ☐ DC ☐ 3-phase ☐ Battery and/or solar power ☐ Capacitor/transformer	☒ Implement electrical safe work practices pertaining to: • Worker training/qualification (Level 1, Level 2, Level 3) • General electrical safe work practices, grounding, use of GFCIs • Safe work practices during diagnostics/troubleshooting, maintenance, repair • Safe design features for electrical equipment • Arc flash protection ***Geosyntec Procedure(s):*** *HS-121-Electrical Safety, HS-129-High Voltage Electricity Safety*
☒	**LOCKOUT/TAGOUT OF ELECTRICAL ENERGY**	☒ Implement control-of-hazardous-energy practices (lockout/tagout), provide lockout/tagout locks and devices, training workers, designate "authorized" personnel, notify "affected" personnel. ***Geosyntec Procedure(s):*** *HS-119-Lockout Tagout, HS-121-Electrical Safety*
☒	**IMPORTANT!** This work may/will include close proximity to electric utility lines.	☒ Follow safe work practices per Section B.9., "Utility Related Hazards"
B.9. UTILITY RELATED HAZARDS ☒ Applicable		**☐ Not Applicable, Not Anticipated**
EXPLANATORY NOTES, CLARIFICATIONS:		
☒	**OVERHEAD, ABOVE-GROUND UTILITIES**	☐ Maintain proper clearance, employ other appropriate precautions for the conditions. ***Geosyntec Procedure(s):*** *HS-304-Overhead Electrical Lines*

☐	**UNDERGROUND UTILITIES**	☐ Confirm appropriate underground utility clearance procedures have been completed prior to ground penetrations, and employ other utility clearance/locator practices, as appropriate for conditions. ☐ Hand digging or vacuum post-holing within 3' of utility locations or other high risk condition.

B.10. CONFINED SPACE ENTRY, HAZARDOUS ENCLOSED SPACES ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**CONFINED SPACE(S)** <u>Potential/actual hazards</u>: ☐ Atmospheric hazards: ☐ Flammable/explosive ☐ Oxygen deficiency ☐ Hydrogen sulfide ☐ Other toxic ☐ Combustible dust ☐ Electrical ☐ Mechanical, engulfment, entrapment, stored energy	☐ Develop effective site-specific entry procedure **<u>per applicable regulatory requirements</u>**: • Personnel to be trained/qualified. • Hazards properly characterized • Use equipment necessary for safe entry (for access, retrieval, PPE, air monitoring, ventilation) • Develop measures for emergency rescue, as applicable. • IMPORTANT: - Describe site-specific safety measures above in Explanatory Notes, Clarifications - Modify this THA or attach separate confined space safety plan/permit, as appropriate ☐ Protect <u>non-entry personnel working near confined spaces</u> thru control measures to prevent unauthorized entry (such as safety orientation, labeling, delineation, barriers) ***Geosyntec Procedure(s):*** *HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-118-Confined Space Entry, Others as applicable*
☐	**HAZARDOUS ENCLOSED OR INDOOR SPACE(S)** ☐ Indoors (occupied or vacant) ☐ Machine/equipment pit/vault ☐ Basement/crawl space ☐ Tunnel, shaft, gallery ☐ Trench, excavation ☐ Hazardous exhaust or emissions ☐ Building-related hazards	☐ Use personal protective clothing to protect from chemical, physical, biological hazards. ☐ Use respiratory protection, if necessary/appropriate. ☐ Duct equipment exhaust to outdoors using passive duct or active exhaust ventilation. ☐ Use fans, blowers or other effective means of ventilation to introduce fresh air/dissipate atmospheric hazards. ☐ Conduct air monitoring, as appropriate for conditions and hazards (see Part C, "Air Monitoring"). ☐ For a trench/excavation, also see subsection entitled "Trenching/Excavation" in Section B.7. "Construction, Heavy Equipment, Lift Equipment." ☐ If space classified/regulated as a "confined space," follow confined space entry requirements (above). ***Geosyntec Procedures****: HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, Others as applicable*

B.11. STORAGE OF BULK MATERIALS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**STORAGE OF BULK MATERIALS** (for Storage of Hazardous Materials, See Section B.13.)	☐ Store materials in stable manner (stacked, racked, blocked, interlocked, tied, wrapped, or otherwise secured) to prevent tipping, sliding, rolling, falling or collapse. ☐ Do not exceed load limits of racks, platform, scaffold; ensure racks are stable, robust, secure. ☐ Ensure stored materials do not block aisles, passageways.

B.12. INFECTIOUS / ALLERGENIC BIOHAZARDS ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	☐ Wastewater, sewer ☐ Bird Guano ☐ Mold, fungi, Valley Fever ☐ Bloodborne pathogens ☐ Other (describe above)	☐ Low hazard - use basic hygiene practices, protective gloves, provide for hand washing. ☐ More severe hazard - add protective clothing, respirator/dust mask, decon, as appropriate. ☐ For human pathogens use "Universal Precautions" per Bloodborne Pathogen Program. ***Geosyntec Procedure(s):*** *HS-133-Bloodborne Pathogens*

B.13. COMMERCIAL CHEMICAL PRODUCTS ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**PRODUCTS REGULATED BY HAZARD COMMUNICATION STANDARD**	☒ Safety Data Sheets available, either on site or readily available within same work shift, containers labelled properly, workers trained/oriented on hazards ☒ For subcontractor use of chemical products, coordinate/discuss during safety meetings. ☒ Conduct air monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring").
☐	**COMPRESSED GAS (flammable or nonflammable)**	☐ Secure cylinders upright, caps on when not in use, handle with care, prevent damage. ☐ Propane cylinders not in use must be stored outdoors in cage or similar secure enclosure. ☐ Ensure acetylene cylinders NOT secured to steel arc welding bench. ☐ Store/use in a manner to prevent asphyxiation hazard. ☐ Segregate oxygen and fuel gases by distance (20') or barrier. ☐ Control ignition sources. ☐ "No smoking" signage at cylinder storage area for flammable gases. ☐ Use/store in a manner to control inhalation exposure hazards, PPE, air monitoring.

☐	**FLAMMABLE/COMBUSTIBLE LIQUIDS**	☐ Proper storage (flam. storage cabinets, other storage precautions). ☐ Use proper fuel safety can (metal fuel can preferred). ☐ Control ignition sources. ☐ Grounding and bonding where appropriate.
☐	**ACIDS, CAUSTICS, OTHER CORROSIVES**	☐ Handle with care, use appropriate eye/face/skin protection. ☐ Eyewash, deluge shower, drench hose, hand washing (with water), as appropriate.
☐	**TOXIC**	☐ For toxic substances, use/store in a manner to control exposure hazards (inhalation, ingestion, skin contact, skin absorption); use PPE as appropriate, conduct air monitoring as appropriate.
☐	**EMISSIONS FROM FUEL COMBUSTION, INDUSTRIAL PROCESSES** ☐ Gasoline ☐ Diesel ☐ Propane/Natural Gas ☐ Welding/cutting/hot work ☐ Vehicle/equipment exhaust ☐ Other	☐ Position outdoor personnel upwind of exhaust source. ☐ Use blowers, fans to provide fresh air to work area and dissipate atmospheric hazards. ☐ Use respiratory protection for high levels of smoke, exhaust particulates, soot. ☐ Conduct air monitoring as appropriate (see Part C, "Air Monitoring").
☐	**OTHER HAZARDS**	☐ Describe other hazardous substances and safety measures under "Explanatory Notes, Clarifications," above.
☒	**CHEMICAL/HAZMAT STORAGE** Check this when jobsite requirements include special provisions for chemical storage.	☒ Chemical storage cabinet, cage, storage room, or similar. ☐ Ensure incompatible chemicals are segregated. ☐ Provide secondary containment. ☐ Locate special safety equipment near chemical storage

Geosyntec Procedures: *HS-115-Hazard Communication, HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, Others as applicable*

B.14. SITE CONTAMINANTS, CHEMICAL WASTES ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

CHECK ALL THAT APPLY. Provide explanatory notes above.

☒ Soil/groundwater contaminants (historical release)	☐ Oxygen deficiency	☐ Corrosive, acids/caustics, strong irritants
☐ Recent release, known high concentrations	☒ Chlorinated volatile organic compounds (VOCs)	☐ Sulfides, hydrogen sulfide (H_2S)
☐ Former chemical disposal site, landfill	☐ BTEX, petroleum derived VOCs	☐ Cyanides, hydrogen cyanide (HCN)
☐ Urban fill, residual contaminants	☐ Fuel oils, petroleum, waste oil, lubricants	☐ Asbestos
☐ Containerized waste (drums, process equipment)	☒ Metals, metal compounds, metal dusts	☐ Lead paint
☐ Buried drums (known or potential)	☐ Elemental mercury	☐ Pesticides, herbicides, fungicides
☐ Large containers, potential for spills	☐ Polyaromatic hydrocarbons (PAHs)	☐ Sensitizers
☐ Contaminated building surfaces	☐ Polychlorinated biphenyls (PCBs)	☐ Radioactive contaminants
☐ Unexploded ordnance	☐ Potential for flammable vapors	☐ Other (see Explanatory Notes, above)
☐ Explosive dust	☐ Potential for flammable gas (methane)	

☐ **FOR WORK CONSISTING OF CLEANUP OPERATIONS, CORRECTIVE ACTIONS, PRELIMINARY INVESTIGATIONS at an "UNCONTROLLED HAZ. WASTE SITE" (per HAZWOPER, 29 CFR 1910.120), implement the following as applicable to the work:**

- Implement site control plan via Exclusion Zone(s), Contaminant Reduction Zone(s) and Support Zone (aka EZ, CRZ, SZ)
- Workers to be aware of and trained on hazards per OSHA Hazard Communication Standard.
- Include site map/figure depicting work locations and other relevant site-specific information.
- Site workers in EZ or CRZ to have OSHA 40-hour training, current 8-hour refresher, 3 days supervised field experience.
- Site supervisor(s) required to have 8-hr. Supervisor training.
- Site workers in EZ or CRZ to participate in Medical Monitoring program, as applicable.
- Implement site-specific procedures for worker protection via engineering controls, work practices, personal protective equipment (PPE), air monitoring, decontamination procedures, spill containment, emergency preparedness and response.
- Conduct air monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring").

IMPORTANT: Provide supplemental information to sufficiently detail site-specific procedures for the above elements, as appropriate for the work.

Geosyntec Procedures: *HS-301-HAZWOPER, HS-108-Medical Monitoring Surveillance, HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, HS-405-Drum Sampling, Others as applicable*

☒ **FOR SITE WITH CHEMICAL CONTAMINANTS OR WASTE BUT NOT REGULATED BY HAZWOPER**

- Workers to be knowledgeable/aware of chemical hazards thru safety training/orientation and availability of hazard information
- Implement controls to minimize worker exposure through engineering controls, work practices, PPE, as appropriate.
- Conduct air monitoring/sampling to monitor/evaluate worker exposure, as applicable.

Geosyntec Procedures: *HS-111-Air Monitoring, HS-112-Respiratory Protection, HS-113-Personal Protective Equipment, HS-114-Safety Training Programs, HS-115-Hazard Communication, Others as applicable*

☐	**OFF-SITE MIGRATION OF CONTAMINANTS**	☐ Implement controls to minimize hazard migration (dust suppression, covers, foam, etc.) ☐ Community/perimeter air monitoring to be conducted per perimeter air monitoring plan.

☐	**SPILL CONTAINMENT, CONTAINERS**	☐ Describe above any site-specific procedures for spill containment, container handling, as applicable. ***Geosyntec Procedures:*** *HS-406-Unknown Hazardous Waste Drum Handling*

B.15. RADIATION HAZARDS (Other than Sunlight) ☐ Applicable ☒ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☐	**IONIZING RADIATION**	Describe hazards & safety measures above in Explanatory Notes, Clarifications. Conduct exposure monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring"). ***Geosyntec Procedures:*** *HS-126-Radiation Safety Program, HS-128-Ionizing and Non-Ionizing Radiation*
☐	**NON-IONIZING RADIATION**	Describe hazards & safety measures above in Explanatory Notes, Clarifications. Conduct exposure monitoring, as appropriate (see Part C, "Air Monitoring, Worker Exposure Monitoring"). ***Geosyntec Procedures:*** *HS-128-Ionizing and Non-IonizingRadiation*

B.16. HAZMAT/DANGEROUS GOODS SHIPPING/TRANSPORTATION ☐ Applicable ☒ Not Applicable, Not Anticipated

MODE(S) OF TRANSPORT:	☐ Road	☐ Rail	☐ Air	☐ Sea	☐ Inland Waterway	☐ International

IMPORTANT: Ensure that each individual who will be involved in shipping/transportation of hazardous material is current with required training (awareness, function-specific, safety, security) in accordance with applicable regulatory authority (DOT, FAA, IATA, TDG), and ensure adherence to applicable regulations.
Geosyntec Procedures: *HS-135-Hazardous Materials Procedures*

EXPLANATORY NOTES, CLARIFICATIONS:

PART C – AIR MONITORING, WORKER EXPOSURE MONITORING

C.1. AIR MONITORING (Direct-Reading Instruments) ☒ Applicable ☐ Not Applicable, Not Anticipated

EXPLANATORY NOTES, CLARIFICATIONS:

☒	**AIR-TESTING PARAMETERS**	☒ VOCs, GASES ☒ PID, Lamp energy: 10.6 eV ☐ FID ☐ Carbon monoxide ☐ Hydrogen sulfide ☐ Oxygen (O_2)	☐ Flammable gas (LEL) ☐ Particulate (dust) ☐ Calibration kit for each parameter ☐ Other:

☐	**ACTION LEVELS FOR O2/LEL**	☐ Oxygen	≤19.5% - ventilate to raise O_2 to acceptable levels, or use Level B. ≥23.0% - ventilate to lower O_2 to acceptable levels, or use Level B and control fire hazards & ignition sources.
		☐ LEL	Confirm at least 12% oxygen is present to ensure accuracy of LEL readings. At <10% LEL - Continue working, continue to monitor LEL levels At ≥10% LEL- Immediately withdraw from area. Resume work ONLY after LEL readings reduced to <10%.

		Parameters	**Level D, Modified D***	**Use levels C or B*, as indicated below, OR take action to reduce breathing zone level to concentration acceptable for Level D*.**
☒	**ACTION LEVELS FOR TOXICS** (sustained breathing zone concentrations)	☒ VOCs	< 100 ppm	__ ppm to __ ppm: Level C (air purifying respirator) > __ ppm: Level B (air-supplied respirator)
		☐ Carbon Monoxide	< 35 ppm	≥35 ppm - Level B (air-supplied respirator)
		☐ Hydrogen Sulfide	< 10 ppm	≥10 ppm - Level B (air-supplied respirator)
		☐ Total Dust	< __ mg/m^3	≥__ mg/m^3 - Level C (air-purifying respirator)
		☐		
		☐		

*** Levels of Protection:** **Level D** (standard work clothes, basic personal protective wear, no chemical protective clothing, no respiratory protection)
Modified Level D (chemical protective clothing in addition to standard work clothes, no respiratory protection)
Level C (air purifying respirator or dust mask, in addition to chemical protective clothing)
Level B or A (air supplied respirator, chemical protective suit; fully-encapsulating suit for Level A)

Geosyntec Procedures: *HS-111-Air Monitoring*

C.2. OTHER WORKER EXPOSURE MONITORING ☐ Applicable ☒ Not Applicable, Not Anticipated

☐ Air Sampling *(sample collection, passive dosimeter)* ☐ Wipe/Bulk Sampling *(to evaluate worker exposure)*	☐ Ionizing or Non-ionizing Radiation Testing ☐ Noise Testing	☐ Heat Stress Testing ☐ Other

EXPLANATORY NOTES, CLARIFICATIONS:

Geosyntec Procedures: *HS-109-Hearing Protection, HS-111-Air Monitoring, HS-124-Heat Stress Prevention, HS-126-Radiation Safety Program, HS-128-Ionizing and Non-ionizing Radiation, HS-601-Asbestos, HS-602-Lead*

PART D – APPROVALS, ACKNOWLEDGEMENTS

D.1. THA PREPARATION, REVIEW/APPROVAL SIGNATURES - THA typically prepared by project staff, reviewed/approved by Project Manager, Supervisor, qualified/knowledgeable designee, with support of HS personnel as deemed appropriate by the Project Manager.			
THA PREPARED BY: (minimum one person)	*Printed Name*	*Signature*	*Date*
THA REVIEWED/ APPROVED BY: (minimum one person)	*Printed Name*	*Signature*	*Date*

D.2. FIELD CREW ACKNOWLEDGEMENTS

GEOSYNTEC FIELD CREW
Please sign below to acknowledge you reviewed and understand this THA, participated in project safety briefing and had an opportunity to ask questions about the information herein.

Printed Name	Signature	Employee No.	Date

SUBCONTRACTOR'S FIELD CREW
Please sign below to acknowledge that this THA was made available to you, and you had an opportunity to ask questions about the information herein.

Printed Name	Signature	Company Name	Date

Appendix C: Summary of Chemical Hazards

Metals

These metals include arsenic, barium, cadmium, chrome, mercury, selenium, and silver. Heavy metals are known to cause neurologic effects (lead, mercury), kidney damage (cadmium), and respiratory damage (arsenic, cadmium). Oral and respiratory exposures should be minimized. The table below summarizes exposure limits.

Chemical Name	PEL[1]	TLV[2]
Arsenic	0.01	0.01
Lead	0.05	0.05
Mercury	0.01	0.25
Copper (total dust)	--	0.1
Zinc (total dust)	--	--

[1] OSHA Permissible Exposure Limit (PEL) in parts per million, 8-hr time weighted average (TWA)
[2] ACGIH Threshold Limit Value (TLV) in parts per million, 8-hr TWA

Chlorinated Solvents/Volatile Organic Compounds (VOCs)

Chlorinated VOCs are widely used as solvents in industrial operations such as degreasing, manufacturing, cleaning and dry cleaning, and are also present in household products and automotive fluids. They readily form vapors which can accumulate in indoor air spaces (i.e., via migration through the subsurface) and react with ozone to form sub-micron sized particles with the potential to cause adverse respiratory health effects. Free product releases (via surface or subsurface discharges or inadequate disposal) can migrate downward to significant depths and through fine-grained deposits to groundwater, and can persist as wide-scale sources of vapor plumes for long periods of time.

Several chlorinated hydrocarbons have been identified in soil, indoor air vapor, and groundwater at the site including per- or tetrachloroethylene (PCE), trichloroethylene (TCE), and 1,2-dichloroethane (DCA). The likely routes of exposure to chlorinated solvents include inhalation, ingestion and direct contact with the skin or eye. The toxicity of chlorinated solvents varies; many affect the CNS and some are identified as carcinogens. PCE can affect the CNS and cause irritation of the skin, eyes, and upper respiratory tract. TCE can depress the CNS, affect kidneys, liver, and lungs and can cause rapid and irregular heartbeat. Toxic effects are increased when combined with alcohol, caffeine, and other drugs. DCA can cause CNS depression and damage to the liver, kidneys, heart, and digestive system. Eye contact with DCA can cause irritation and serious injury if not removed promptly. DCA and TCE are flammable liquids; the LEL of both solvents are approximately 6% and their flash points are less than 100°F. PCE is not considered flammable. These chlorinated solvents are only slightly soluble in water.

Exposure levels will be maintained below OSHA PEL or NIOSH REL as shown in the table below.

Chemical Name	**PEL[1]**	**REL[2]**
1,2 DCA	50	1
TCE	100	Ca
PCE	100	Ca

[1] OSHA Permissible Exposure Limit (PEL) in parts per million, 8-hr TWA
[2] ACGIH Threshold Limit Value (TLV) in parts per million, 8-hr TWA
Ca = Carcinogenic

Appendix D: Air Monitoring

Applies to Task: ☒ ① ☐ ② ☐ ③ ☐ ④ ☐ ⑤ ☐ ⑥ ☐ ⑦ ☐ ⑧

☒ ***Photoionization Detector (PID)***	☐ ***Oxygen (O_2) Meter***	☐ ***Explosimeter***
Brand/Model No.: MiniRae 3000 eV: 10.6 **Monitoring Frequency: Continous in breathing zone**	**Brand/Model No.:___________________** **Monitoring Frequency:_______________**	**Brand/Model No.:___________________** **Monitoring Frequency:_______________**
Breathing Zone Reading (ppm) — **Action** 0 to 100 — Level D PPE _____ to _____ — Level C PPE Greater than 100_________ ____________ — Stop work. Evacuate the area. If upon return, levels still exceed the action level, stop work and implement engineering controls. **Note:** __________________________________	**Reading (%)** — **Action** Less than 19.5 — Stop work. Evacuate the area. 19.5 to 23.5 — Continue to work with caution. Greater than 23.5 — Stop work. Evacuate the area. **Note:** __________________________________	**Source (% LEL)** **Reading** — **Action** 1 to 10 — Continue with caution. Greater than 10 — Stop work. Evacuate the area. If upon return, concentration still exceeds 10% LEL, ventilate until concentration is back to <10% LEL. **Note:** __________________________________
☐ ***Flame Ionization Detector (FID)***	☐ ***Chemical Detector Tube***	☐ ***Other***
Brand/Model No.: ___________________ **Monitoring Frequency: _______________**	**Brand/Model No.:___________________** **Monitoring Frequency:_______________**	**Brand/Model No.:___________________** **Monitoring Frequency:_______________**
Breathing Zone Reading (ppm) — **Action** _____ to _____ — Level D PPE _____ to _____ — Level C PPE Greater than ____________ ____________ — Stop work. Evacuate the area. If upon return, levels still exceed ____, stop work and implement engineering controls. **Note:** __________________________________	**Breathing Zone Reading (ppm)** — **Action** _____ to _____ — Level D PPE _____ to _____ — Level C PPE Greater than ____________ ____________ — Stop work. Evacuate the area. If upon return, levels still exceed ____, stop work and implement engineering controls. **Note:** __________________________________	**Breathing Zone Reading** — **Action** _____ to _____ — Level D PPE _____ to _____ — Level C PPE Greater than ____________ ____________ — Stop work. Evacuate the area. If upon return, levels still exceed ____, stop work and implement engineering controls. **Note:** __________________________________

Appendix E: Personal Protective Equipment

	Task ①	Task ②	Task ③	Task ④	Task ⑤	Task ⑥	Task ⑦	Task ⑧
Potential PPE Level per Task:	☒ D ☐ C	☒ D ☐ C	☒ D ☐ C	☐ D ☐ C	☐ D ☐ C	☐ D ☐ C	☐ D ☐ C	☐ D ☐ C

Modified Level D		***Level C***	
Equipment	***Material/Type***	***Equipment***	***Material/Type***
☒ Safety glasses		☐ Full-face air-purifying respirator	Cartridge Type:
☒ Hard-toed boots		☐ Half-mask air-purifying respirator	Cartridge Type:
☒ Protective clothing		☐ Safety glasses	
☒ Hard hat*		☐ Hard-toed boots	
☒ Hearing protection*		☐ Protective clothing	
☒ High-visibility vest*		☐ Hard hat	
☒ Outer boots*		☐ Hearing protection*	
☒ Outer gloves*		☐ High-visibility vest*	
☒ Other: Nitrile gloves	When sampling	☐ Outer boots*	
		☐ Outer gloves*	
		☐ Inner gloves*	
		☐ Other:	

* PPE items may be downgraded (only with concurrence of SHSO and PM).

Appendix F: Safety Data Sheets

Included in this HASP	Chemical
☐	Acetone
☐	Alconox
☐	Ammonia
☒	Bentonite
☐	Diesel Fuel Oil No. 2-D
☐	Gasoline
☐	Helium
☐	Hexane
☐	Hydrochloric Acid
☐	Hydrogen
☒	Isobutylene Calibration Gas
☐	Isopropyl Alcohol
☐	KB-1
☐	Methane Calibration Gas
☐	Nitric Acid
☐	Permanganate
☐	Portland Cement
☐	Sulfuric Acid
☐	Other: _____
☐	Other: _____
☐	Other: _____
☐	Other: _____

Note: SDSs are for chemicals that used to perform project work, not site contaminants.

INSERT SDSs HERE

MATERIAL SAFETY DATA SHEET - CALIBRATION CHECK GAS

PRODUCT NAME: ISOBUTYLENE (1 PPM – 0.9%) IN AIR

MSDS NO: 248 **Version:3** **Date: August, 2010**

1. Chemical Product and Company Identification

Gasco Affiliates, LLC
320 Scarlett Blvd.
Oldsmar, FL 34677

TELEPHONE NUMBER: (800) 910-0051 **24-HOUR EMERGENCY NUMBER: 1-800-424-9300**
FAX NUMBER: (866) 755-8920
E-MAIL: info@gascogas.com

PRODUCT NAME: ISOBUTYLENE (1 PPM – 0.9%) IN AIR
CHEMICAL NAME: Isobutylene in air
COMMON NAMES/ SYNONYMS: None
TDG (Canada) CLASSIFICATION: 2.2
WHIMIS CLASSIFICATION: A

2. COMPOSITION/ INFORMATION ON INGREDIENTS

INGREDIENT	%VOLUME	PEL-OSHA	TLV-ACGIH	LD_{50} or LC_{50} Route/Species
Isobutylene FORMULA: C_4H_8	0.0001-0.9	N/A	N/A	N/A
Air FORMULA: Mixture	99.0 to 99.9999	N/A	N/A	N/A

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Release of this product may produce oxygen-deficient atmospheres (especially in confined spaces or other poorly ventilated environments); individuals in such atmospheres may be asphyxiated. Isobutylene may cause drowsiness and other central nervous system effects in high concentrations; however, due to the low concentration of this gas mixture, this is unlikely to occur.

ROUTE OF ENTRY:

Skin Contact	Skin Absorption	Eye Contact	Inhalation	Ingestion
No	No	No	Yes	No

HEALTH EFFECTS:

Exposure Limits	Irritant	Sensitization	Reproductive Hazard	Mutagen
Yes	No	No	No	No

Carcinogenicity: --NTP: No IARC: No OSHA: No

EYE EFFECTS:
N/A.

SKIN EFFECTS:
N/A.

MATERIAL SAFETY DATA SHEET - CALIBRATION CHECK GAS

PRODUCT NAME: ISOBUTYLENE (1 PPM – 0.9%) IN AIR

INGESTION EFFECTS:
Ingestion unlikely. Gas at room temperature.

INHALATION EFFECTS:
Due to the small size of this cylinder, no unusual health effects from over-exposure are anticipated under normal routine use.

NFPA HAZARD CODES		HMIS HAZARD CODES		RATING SYSTEM
Health:	1	Health:	1	0= No Hazard
Flammability:	0	Flammability:	0	1= Slight Hazard
Reactivity:	0	Reactivity:	0	2= Moderate Hazard
				3= Serious Hazard
				4= Severe Hazard

4. FIRST AID MEASURES

EYES:
N/A

SKIN:
N/A

INGESTION:
Not required

INHALATION:
PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASED OF OVEREXPOSURE. RESCUE PERSONNEL SHOULD BE EQUIPPED THE SELF-CONTAINED BREATHING APPARATUS. Victims should be assisted to an uncontaminated area and inhale fresh air. Quick removal from the contaminated area is most important. If breathing has stopped administer artificial resuscitation and supplemental oxygen. Further treatment should be symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

These containers hold gas under pressure, with no liquid phase. If involved in a major fire, they should be sprayed with water to avoid pressure increases, otherwise pressures will rise and ultimately they may distort or burst to release the contents. The gases will not add significantly to the fire, but containers or fragments may be projected considerable distances - thereby hampering fire fighting efforts.

6. ACCIDENTAL RELEASE MEASURES

In terms of weight, these containers hold very little contents, such that any accidental release by puncturing etc. will be of no practical concern.

7. HANDLING AND STORAGE

Suck back of water into the container must be prevented. Do not allow backfeed into the container. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Use only in well-ventilated areas. Do not heat cylinder by any means to increase rate of product from the cylinder. Do not allow the temperature where cylinders are stored to exceed 130^{o}F (54^{o}C).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Use adequate ventilation for extended use of gas.

GASCO

MATERIAL SAFETY DATA SHEET - CALIBRATION CHECK GAS

PRODUCT NAME: ISOBUTYLENE (1 PPM – 0.9%) IN AIR

9. PHYSICAL AND CHEMICAL PROPERTIES

PARAMETER:	VALUE:
Physical state	: Gas
Evaporation point	: N/A
pH	: N/A
Odor and appearance	: Colorless, odorless gas

10. STABILITY AND REACTIVITY

Stable under normal conditions. Expected shelf life 48 months.

11. TOXICOLOGICAL INFORMATION

No toxicological damage caused by this product.

12. ECOLOGICAL INFORMATION

No ecological damage caused by this product.

13. DISPOSAL INFORMATION

Do not discharge into any place where its accumulation could be dangerous. Used containers are acceptable for disposal in the normal waste stream as long as the cylinder is empty and valve removed or cylinder wall is punctured; but GASCO encourages the consumer to return cylinders.

14. TRANSPORT INFORMATION

	United States DOT	Canada TDG
PROPER SHIPPING NAME:	Compressed Gas N.O.S. (Isobutylene in Air)	Compressed Gas N.O.S. (Isobutylene in Air)
HAZARD CLASS:	2.2	2.2
IDENTIFICATION NUMBER:	UN1956	UN1956
SHIPPING LABEL:	NONFLAMMABLE GAS	NONFLAMMABLE GAS

15. REGULATORY INFORMATION

Isobutylene is listed under the accident prevention provisions of section 112(r) of the Clean Air Act (CAA) with a threshold quantity (TQ) of 10,000 pounds.

16. OTHER INFORMATION

This MSDS has been prepared in accordance with the Chemicals (Hazard Information and Packaging for Supply (Amendment) Regulation 1996. The information is based on the best knowledge of GASCO, and its advisors and is given in good faith, but we cannot guarantee its accuracy, reliability or completeness and therefore disclaim any liability for loss or damage arising out of use of this data. Since conditions of use are outside the control of the Company and its advisors we disclaim any liability for loss or damage when the product is used for other purposes than it is intended.

MSDS/S010/248/ August, 2010

ECCA
HOLDINGS (PTY) LTD

MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTITY:

Product Name:	BENTONITE
Common Name:	BENTONITE / SWELLING CLAY/ MONTMORILLONITE / SMECTITE.
Chemical Name:	MAGNESIUM AND ALUMINIUM SILICATE / PHYLLOSILICATE
Manufacturer's Name:	ECCA HOLDINGS (PTY) LTD.
Manufacturer's Address:	PO BOX 8118 CENTURION 0046 SOUTH AFRICA
Emergency Telephone Number:	(+27) 12 643 5880

SECTION 2: HAZARDOUS INGREDIENTS:

Cape Bentonite is a natural material that consists of variable proportions of various minerals, including Montmorillonite, quartz and mica. Cape Bentonite products consist primarily of montmorillonite and other minor natural minerals.

Hazardous Ingredient:	Approximate Weight %:	CAS no:
Montmorillonite	>90%	1318-93-0
Quartz	<10%	14808-60-7
Mica	<10%	12001-26-2

SECTION 3: HAZARDS IDENTIFICATION AND CAUTIONS:

Bentonite is of low acute toxicity. Long-term exposure to any respiritible mineral dust could cause slight effects on the respiratory system.
Wet bentonite spillage constitutes a major slipping hazard.

Primary hazards:	This product does not present any primary hazards.
Specific hazards:	Respiratory effect: possible slight irritation from dust. May aggravate pre-existing difficult respiratory conditions. Wet material is very slippery.
Cautions:	Inhalation of dust may cause slight irritation Material is very slippery when wet.
	OES (Occupational Exposure Standard) for respiritable Bentonite dust: 5mg/m³ in an 8 hours time weighted average reference period
HMIS Hazard Classification:	Health: 1 (possible chronic health effects)
(See Section 11)	Flammable: 0
	Reactivity: 0

SECTION 4: FIRST AID MEASURES:

Eye Contact: Flush with copious amount of fresh water. Eyelids may become sticky. Avoid rubbing eyes. If irritation develops, seek medical attention.
Skin Contact: Wash with soap and water. Bentonite is a desiccant and may cause dry skin. Repeated contact may also cause slight irritation. If irritation develops, seek medical attention.
Inhalation: Move to dust free fresh air. If respiratory distress develops, seek medical attention.
Ingestion: No adverse effect expected. Rinse mouth out with water. Seek medical attention if significant quantities have been ingested

SECTION 5: FIRE FIGHTING MEASURES:

Explosion Data:	Not explosive.
Extinguishing Media:	Product will not burn.
Flammability:	Not flammable or combustible.
Flash Point:	Not applicable.
Auto Ignition:	Not applicable.

SECTION 6: ACCIDENTAL RELEASE MEASURES:

Collect spillage by vacuum cleaning or other means whereby dust creation is minimised. If dust levels should exceed the occupational exposure standard, then personal protective equipment is required.

Personal precautions: Wear dust mask, safety gloves and goggles.

Environmental precautions: Do not allow the entering into drains, rivers, or lakes.

Method of cleaning: Use a vacuum or any other means minimising dust creation (flushing with water must be avoided by all means).

SECTION: 7: HANDELING AND STORAGE:

Handling: Bentonite is safe to handle. Material is very slippery when wet. Use appropriate controls and ventilation to avoid creating accumulation dust. Avoid inhalation and repeated contacts with eyes or skin.

Storage: Store in a dry covered area

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION:

Ventilation: Use exhaust ventilation to keep airborne dust concentration below exposure limits. Additionally, local exhaust ventilation is recommended where dusts may be released.

Respiratory Protection: Use appropriate engineering controls to avoid dust oration or accumulation. Ensure all occupational exposure limits are maintained (5 mg/m³ on TWA 8 hours for alveolar dust, and 10mg/m³ on TWA 8 hours for total inhalator dust). Wear approved respirator or dust mask in the event of dust creation.

Skin Protection: Use gloves to avoid skin irritation.

Eye Protection: Eyewash should be available, but eye protection is not required unless physical working conditions demand it.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	Solid
Odour and Appearance:	Light colour (grey, pink, yellow, green brown) granules or Powder. Odourless
pH:	8.1 to 10.5
Specific gravity	2.5 g/cc
Bulk density	1.18 g/cc
% Soluble in water:	Nil
Melting Point	1200°C
Boiling Point:	Not applicable
Freezing Point:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Flash Point:	Not applicable / non-flammable product.

SECTION 10: STABILITY AND REACTIVITY:

Chemically stability:	Stable.
Compatibility with other substances:	Compatible with all substances.
Hazardous decomposition / By product:	No hazardous decomposition or by products expected.
Conditions to avoid:	None

SECTION 11: TOXICOLOGICAL INFORMATION:

Bentonite has no determined acute toxic affects. Long-term exposure to moderate or high concentrations of Bentonite dust may affect nose and respiratory tract and chest health. No toxicological effects are expected if respiratible dust concentrations are maintained below the occupational exposure standards.
Repeated contact with skin may cause dry skin and irritations. Repeated eye contact may generate irritations. No toxicological effects are expected if personal protective equipment is worn.
No adverse effects are expected when ingested.

Acute Health Hazards:

Eye contact may cause mechanical irritations if exposed to excessive amount of Bentonite.
Skin contact may aggravate existing dermatitis.
Inhalation from prolonged and continuous exposure may aggravate existing asthmatic or respiratory conditions.

Chronic Health Hazards:

Prolonged inhalation of excessive levels of Bentonite dust may cause a simple pneumoconiosis condition, not normally associated with a decrement in lung function. In cases of long-term exposure to externally high levels of dust, complicated pneumoconiosis with lung function impairment may occur.

Carcinogenicity:	none known
Mutagenicity:	none known
Ieratogenicity:	none known
Reproductive effect:	none known

Cape Bentonite contains less than 10% crystalline silica according to testing, with a typical value around 5%. The International Agency for Research on Cancer (IARC) has classified crystalline silica as a possible carcinogen, which means there is limited evidence for human carcinogenicity of crystalline silica.

Cape Bentonite does not contain dioxin and can be used in animal feed.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Statement: Bentonite has a low impact on environment. Bentonite is persistent and non-biodegradable but it is unlikely to have any long-term adverse effect on the environment.

Mobility: Solid, non volitile, insoluble in water

Degradability: Non-biodegradable. Persistent.

Accumulation: No bioaccumulation or bio-magnification identified.

Ecotaxicity: Non-toxic to aquatic living organisms and animals.
Non-toxic to aquatic plants
Non-toxic to soil organism.
Non-toxic to aerobic and anaerobic plants
Non-toxic to aerobic and anaerobic living organisms and animals.

SECTION 13: DISPOSAL CONSIDERATIONS:

Bentonite and waste from residue can be disposed as non-toxic and inactive materials in approved landfill sites in accordance with local regulations.
Contaminated packaging can be disposed in approved landfill sites in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION:

Bentonite is not classified as dangerous for transportation. Bentonite may be transported in accordance with the standard local authority regulations.

SECTION 15: REGULATORY INFORMATION:

Bentonite is not classified as dangerous for supply under EEC regulations. Bentonite does not require labelling for safety information or risk information.

Bentonite is 5mg/m^3 respiritable dust in a TWA 8 hour's reference period.

Refer to all applicable local, national and international regulations and provisions to ensure that all the above are the relevant applicable measures.

SECTION 16: OTHER INFORMATION:

The information contained in the Material Safety Data Sheet does not constitute and assurement of workplace risks.

Workers should be trained to handle powder products without generating airborne dust.

The information and recommendation contained above are based on data and measures believed to be correct. However, they do not carry any guarantee or warranty of any kind.

Date: 14 January 2005

Signature: ______________
Hunadi SETATI

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