

*Revised*  
***MODIFIED PHASE I ENVIRONMENTAL  
SITE ASSESSMENT REPORT***

FOR:  
APN 019-310-002, SANTA ANA ROAD  
HOLLISTER, CALIFORNIA

**Prepared For:**

Mr. Doug Ledebor  
Highland Partners Group  
P. O. Box 1096  
Danville, CA 94526

**Prepared By:**

PIERS Environmental Services  
1038 Redwood Highway, Suite 100A  
Mill Valley, CA 94941

***NOVEMBER 2017***

***PIERS PROJECT NO. 17161&17162***





November 20, 2017

Mr. Doug Ledebor  
Highland Partners Group  
P. O. Box 1096  
Danville, CA 94526

**RE: REVISED - MODIFIED PHASE I ENVIRONMENTAL SITE ASSESSMENT  
APN 019-310-002, SANTA ANA ROAD, HOLLISTER, CA**

Dear Mr. Ledebor:

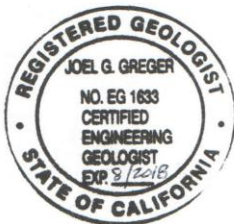
PIERS Environmental Services is pleased to provide you with the attached Modified Phase I Environmental Site Assessment (Phase I ESA) for the above referenced subject site (hereafter referred to as the "Property"). This Phase I ESA conforms to the scope and limitations of the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

The work performed for this project included a professional site reconnaissance; interviews with owners, operators and occupants; and detailed research of regulatory agency files, aerial photographs, historical maps, and a review of the regulatory environmental database listings for the Property and surrounding area.

Should you have any questions or concerns regarding this report please do not hesitate in contacting either of us.

Respectfully,

**PIERS Environmental Services**



*Joel G. Greger*

**Author:**

Joel G. Greger  
Senior Project Manager  
CEG # EG1633



*Norma K. Pannell*

**Reviewer:**

Norma K. Pannell  
Senior Project Manager  
REPA #100002



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Appendix D - Historical Research Documentation

Appendix E - Interview Documentation

Appendix F - Qualifications of Environmental Professional(s)

Appendix G – Laboratory Analytical Results



## **EXECUTIVE SUMMARY**

The Property is located on the south side of Santa Ana Road, north of Meridian Street, just north of the city limit of Hollister, in San Benito County, California. The Property consists of a rectangular-shaped parcel of approximately 23.4 acres in size, which is improved with a small shed, but is otherwise vacant land. The Property is identified as Assessors' Parcel Number (APN) 2 of Map Book 19, Page 31 (APN 019-310-002).

On June 27, 2017, PIERS conducted a visual reconnaissance of the Property. PIERS inspected all areas of the Property during the site reconnaissance.

The Property is located in an area that was originally orchards, and now is comprised of a mixture of agricultural and residential usage. None of the adjacent properties are considered to be of significant environmental concern to the Property.

Except for the equipment shed in the northwest corner, the Property is a vacant tilled field. The Property building is founded on a concrete perimeter foundation and the floor is unpaved. The building is of sheet metal and wood frame construction.

The Property has a chain-link fence along the perimeter on the west and south sides, and a masonry wall along a portion of the east side. There is minor trash and debris along the south perimeter. Along the east perimeter, at the end of a cul-de-sac for a new development to the east, it appears that up to two feet of dirt fill was added to the Property, over an area of about 50 feet by 120 feet. There is also some concrete, wood, metal and plastic construction debris.

The interior of the Property building is accessed by a sliding door. There are three stored tractors on the unpaved floor. Also inside the equipment shed there were a number of five-gallon pails of oil, fuel containers, and gallon or less size containers of automotive fluids and paint. These materials were stored on a hard-packed soil floor. There was no obvious evidence of spillage. Minor oil stains appeared to be from heavy equipment storage.

No evidence of water supply, irrigation, oil, injection, or dry wells was observed on the Property. The owner reports that a former water supply well has been properly sealed, under permit.

No drains, sumps or clarifiers were observed. No storage tanks were observed at the Property. No stained soil was observed except for minor oil and grease staining inside the equipment building.

Topographic maps and aerial photographs of the Property and vicinity were reviewed. On topographic maps prior to 1956, no features were discernable at the Property. Some orchards are shown on the Property and in the vicinity on the topographic maps from 1956, 1960, 1963 and 1968. The entire Property is occupied by orchards on the 1971 aerial photograph, and the shed at the northwest corner is also present. The vicinity of the Property is also largely orchards.

On the aerial photographs from 1993 to 2012, the Property appears to be a vacant field, and the shed is still present. By 1993, the schools to the east are partially built or under construction. The areas to the north and east remain agricultural, with rural residences. The area to the south, across Meridian Avenue, is residential.



No features of obvious environmental concern were identified at the Property or vicinity on any of the aerial photographs reviewed, except for the prior use of the Property for agriculture which is of potential environmental concern as it implies the use of agricultural chemicals such as pesticides and fertilizers.

According to Mr. Rosati (Property owner), the Property has been in the Rosati family since 1959 and was an apricot orchard, but has been a fallow field for 22 years. Petroleum hydrocarbon products for tractors were stored in the equipment shed. Smudge pots were previously stored behind the shed and later inside the shed. An approximately 100-gallon above-ground storage tank (AST) for smudge oil was formerly located just west of the shed; and for about four years, a 100-gallon gasoline AST was present to the east of the shed. A water supply well was previously located in the southwestern quadrant of the Property, but was properly sealed, under permit.

To investigate the former use of the Property as an orchard, and considering that the Property was to be redeveloped for residential purposes, PIERS recommended that near surface soil samples be collected at the Property and analyzed for organochlorine pesticides and arsenic. Also, soil samples collected at the equipment shed and vicinity were analyzed for diesel, motor oil and gasoline constituents.

On July 27, 2017, soil samples were collected at the Property. Per Department of Toxic Substances Control (DTSC) guidelines for sampling for agricultural chemicals, and based on the size of the Property, nine composite soil samples from 33 locations were collected and analyzed for organochlorine pesticides by EPA Method SW8081A. Discrete soil samples from nine of these locations were also analyzed for arsenic by EPA Method SW6020. These soil samples were collected from depths of approximately 0.5 foot below grade, beneath the root mat.

Two soil samples, 10 and 11, were collected from inside the equipment shed, at the surface. One soil sample (10) was collected from beneath a parked tractor where minor oil staining appeared to be present. The other soil sample (11) was collected directly adjacent to where five-gallon pails of oil and fuel were stored. These soil samples were analyzed for pesticides, arsenic, diesel, and motor oil.

Based on the Property owner's recollection of a former 100-gallon gasoline AST that was on site for four years just west of the equipment shed, one soil sample (12) was collected at the surface in this area and analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline and gasoline constituents by EPA Methods 8021/8015.

Based on the Property owner's recollection of an area of smudge pot storage and a former 100-gallon smudge oil AST, a two-part composite soil sample, designated as sample 13, was collected from surface soil both behind the equipment shed and to the west of it, and analyzed for diesel and motor oil by EPA Method 8015.



“Environmental Screening Levels” (ESLs) for concentrations of contaminants in soils and groundwater have been established by the Regional Water Quality Control Board (RWQCB). These levels are used to determine the relative risks to human health and the environment. Generally, the presence of a chemical in soil or groundwater at concentrations below the corresponding ESL can be assumed to not pose a significant threat to human health or the environment. The ESLs for soil differentiate between residential and commercial usage, although in some cases the values are the same.

The analytical results of the nine composite soil samples and two discrete soil samples (10 and 11) indicated low concentrations of chlordane, DDT and its breakdown products and dieldrin in most soil samples. Discrete analyses of composite soil samples 1A, 1B, and 1C indicated concentrations of chlordane above the detection limit only in 1A. None of these concentrations were above the residential ESL.

Arsenic was detected in all eleven soil samples analyzed, in excess of the residential ESL of 0.067 ppm at concentrations ranging up to 12 ppm. These concentrations are within the range of naturally occurring background concentrations typically found in Bay Area soils and does not appear to be from agricultural activities. The Property does not appear to be significantly impacted by the past agricultural use and therefore no mitigation is warranted for residential development.

TPH as diesel and motor oil were detected in soil sample 10 inside the shed (63 ppm/120 ppm), and in the two-part composite soil sample 13 (15 ppm/14 ppm), sited where smudge pots and a smudge oil AST had been located; however, the concentrations were below the residential ESLs. In soil sample 11, inside the shed, diesel and motor oil were detected at concentrations of 6,600 ppm and 14,000 ppm, above their respective residential ESLs of 230 ppm and 11,000 ppm.

TPH as gasoline; Benzene, Toluene, Ethylbenzene and Xylenes (BTEX); and Methyl-tert-butyl-ethane (MTBE) were non-detectable in soil sample 12, which was sited where a former gasoline AST had been located for about 4 years.

## **FINDINGS AND OPINIONS**

This Phase I ESA has revealed no evidence of Recognized Environmental Conditions (RECs), Historical RECs (HRECs), Control RECs (CRECs), or environmental issues in connection with the subject Property or adjacent properties, except for a small area of diesel and motor oil impacts to soil within the shed, and an area where chlordane was detected slightly above its ESL, in the same area, represented by soil sample 1A.

## **CONCLUSIONS AND RECOMMENDATIONS**

The active exposure pathways for human health at the Property include (accidental) ingestion and inhalation. During construction, ingestion and inhalation exposure pathways would be active. The risk of exposure during construction can be mitigated by a Soil Management Plan and Health and Safety Plan that specifically addresses these risks and outlines the necessary measures to limit chemical exposure and mobilization (e.g., airborne dust, erosion control) during future construction activities.



The area within the shed represented by soil sample 11, where diesel and motor oil were detected at concentrations of 6,600 ppm and 14,000 ppm (above their ESLs), should be excavated to remove visibly stained material and a confirmation soil sample should be collected. The excavated material should be placed in a drum or drums and profiled for off-site disposal to a licensed facility.

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# **INTRODUCTION**

## **PROPERTY**

PIERS Environmental Services (PIERS) has completed this Modified Phase I Environmental Site Assessment (ESA) for Assessor's Parcel Number (APN) 019-310-002, Santa Ana Road, in Hollister, San Benito County, California (cited hereafter as the Property). PIERS was retained by Mr. Doug Ledebouer of the Highland Partners Group (cited hereafter as the Client) to conduct this Modified Phase I Environmental Site Assessment for the subject Property for the purpose of compliance with the "All Appropriate Inquiries" Final Rule (40 CFR Part 312) under CERCLA (42 USC 9601). This report follows the guidelines as stated in ASTM Standard Designation E1527-13: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. This Standard complies with "All Appropriate Inquiries" (AAI) 40 CFR Part 312. Any exceptions to, or deletions from, this practice are described in the Deviations Section of this report.

## **PURPOSE**

The purpose is to conduct a Phase I Environmental Site Assessment (Phase I ESA) on this parcel of commercial real estate at APN 019-310-002, Santa Ana Road, Hollister, California with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 USC 9601) and petroleum products. This practice (ASTM E1527-13) is intended to permit a *user*, (i.e. Property owner, buyer, seller, or the Client) to satisfy one of the requirements to qualify for the *innocent landowner*, *contiguous property owner* or *bona fide prospective purchaser* limitation on CERCLA liability (hereinafter, the "*landowner liability protections*," or "*LLPs*") as defined under 42 USC 9601(35)(B).

The goal of the Phase I ESA is to identify ***recognized environmental conditions (RECs); historical RECs (HREC); or Controlled RECs (CREC)***. ***RECs*** are defined as the presence or likely presence of any hazardous substances or petroleum products, in, on or at a property due to release to the environment; under conditions indicative of a release to the environment or under conditions that pose a material threat of a future release. *De minimis* conditions are not recognized environmental conditions. ***HRECS*** are defined as the historical presence or likely presence at a property of any hazardous substances or petroleum products which were remediated or had undergone risk-based cleanup to meet unrestricted land use criteria. ***CRECs*** are defined as past releases of hazardous substances or petroleum products at a property that were addressed with risk-based closures, but contaminants are allowed to remain in place subject to the implementation of required activity and use limitations (AULs), for example, institutional controls or engineering controls.

*De minimis* conditions are defined as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.



The identification of potential or existing RECs, HRECs, and/or CRECs affecting the Property is to determine if it:

- Constitutes or results in a potential or material violation of any applicable environmental laws;
- Imposes any material constraints of the operations of the Property or requires a material change in the use thereof (i.e. institutional controls/deed restrictions);
- Requires remedial actions or other responses with respect to hazardous substances or petroleum products affecting the Property under any applicable environmental law;
- May affect the value of the Property; and
- May require specific actions to be performed with regard to such conditions and circumstances.

The Client may use the information contained in this Phase I ESA report for the purposes of:

- Evaluating the Client's legal and financial liabilities for transactions related to purchase, sale, loans, seller financing, or foreclosure of the Property;
- Evaluating the Property's overall development potential, associated market value and the impact of applicable laws that restrict financial or other types of assistance for Property development; and/or
- Determining if specific actions are required prior to the purchase, sale, loan, financing or foreclosure of the Property.

## SCOPE OF WORK

The Scope of Services for the performance of this Phase I ESA included the following tasks:

- On-site visual reconnaissance of the Property to evaluate on-site activities in respect to hazardous materials use, storage and disposal activities.
- On-site visual survey of the current uses of the immediately adjacent sites, and surrounding area.
- Review of selected historic documentation for the Property to determine what activities have occurred at the subject site since the Property's first developed use.
- Review of reasonably ascertainable regulatory agency files concerning hazardous material use, storage and disposal at the Property and at adjacent and surrounding sites.
- Acquisition and detailed professional review of a current environmental sites radius report (PIERS Identified Hazardous Materials Sites Radius Report [IHMSRR]).
- Preparation of this report in general accordance with the document entitled *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (The American Society for Testing and Materials [ASTM], Designation E 1527-13) and "All Appropriate Inquiries" Final Rule, 40 Code of Federal Regulations (CFR) Part 312.
- Interviews with available Property contacts, regulatory officials and personnel associated with the subject and adjoining properties.



## **NON-SCOPE SERVICES**

The objective of this Modified Phase I Environmental Site Assessment is to help users (i.e. the Client) qualify for one of the CERCLA Landowner Liability Protections (LLPs) under the “All Appropriate Inquiries” Final Rule (40 CFR Part 312) using the practice of ASTM E1527-13. As such, other environmental concerns of clients may be considered out of scope. Out of scope services may include analysis of Business Environmental Risk (BER); surveys for asbestos-containing building material (ACBM), Naturally Occurring Asbestos (NOA), radon gas, lead-based paint (LBP), and lead in drinking water (LIW); presence of wetlands; federal, state or local regulatory compliance including health and safety; presence of listed species under the Endangered Species Act (ESA); evaluation of indoor air quality; and/or evaluation for the presence of mold. This Section lists any non-scope services requested by the Client or recommended by PIERS.

No Non-Scope Services were requested by the Client.

## **RECOMMENDATIONS**

PIERS has no recommendations for non-scope services.

## **ADDITIONAL SERVICES**

No additional services were requested by the Client or recommended by PIERS, except for the modification of the Phase I by a limited Phase II site investigation to determine the presence of pesticide and gasoline constituents in the soil due to agricultural activities on site.

## **LIMITING CONDITIONS AND EXCEPTIONS**

The findings, conclusions, recommendations and opinions are constrained by the limitations of the methodologies inherent in the ASTM Standard Practice E1527-13.

This Phase I Environmental Site Assessment does not guarantee the condition of the Property. PIERS Environmental Services (PIERS) cannot and does not warrant or guarantee that information obtained from other sources, e.g. interviews and historical records, concerning the Property is accurate and reliable. PIERS is not responsible for conditions or consequences arising from facts and information that were withheld or concealed, or not fully disclosed at the time this evaluation was performed. Conclusions and recommendations made in the report for the Property are preliminary in nature and are based wholly upon the data obtained and available information reviewed during the assessment. The site assessment is prepared to assist in decisions regarding this Property, and its possible subsurface environmental hazards. PIERS is not responsible for errors or omissions in agency files or databases or non-disclosure by Property owners or representatives.



To achieve the study objectives for this project PIERS was required to base conclusions and recommendations on the best information available during the period the investigation was conducted. PIERS professional services are performed using the degree of care and skill ordinarily exercised by environmental consultants practicing in this or similar fields. The findings are mainly based upon examination of historic records, maps, aerial photographs, and governmental agencies lists. It should be noted that governmental agencies often do not list all sites with environmental contamination; the lists and data used could be inaccurate and/or incomplete. Recommendations are based on the historic land use of the subject Property, as well as features noted during the site inspection. The absence of potential gross contamination sources, historic or present, does not necessarily imply that the subject Property is free of any contamination.

This project did not include sampling of materials (for example: soil, water, air, mold, building materials). This Phase I ESA does not include the mention of, recovery, sampling, or reporting of the nature or extent of Asbestos Containing Materials or any mold issues. PIERS does not warrant or guarantee that no significant events, releases or conditions could have arisen during the periods with data gaps (if they exist).

This Phase I ESA does not include information or advice relating to any environmental issues, laws or environmentally related business decisions that have not been stated in the above outline. No warranties, therefore, are expressed or implied. PIERS has no liability towards consequential damages. In some cases, an environmental compliance audit may be necessary for a Property. The information and opinions rendered in the report are exclusively for use by the Client.

PIERS will not distribute or publish this report without the Client's consent except as required by law or court order. PIERS has no responsibilities or liability whatsoever to persons or entities other than the Client if they so choose to use this report.

This Phase I ESA does not address requirements of any state or local laws or of any federal laws other than the AAI provisions of the LLPs. Not does this report address all of the safety concerns, if any, of the subject Property.

## **MATTERS KNOWN TO CLIENT**

The Client, Property representative or site owner should have provided PIERS with any and all information known to the Client, or suspected by the Client, which pertains to: (a) the existence or possible existence at, on, under or in the vicinity of the Property, of any hazardous materials, pollutants; (b) any conditions at, on, under or in the vicinity of the site, which might represent a potential safety hazard or danger to human health or the environment; (c) any permit, manifest, title record, lien or other record of compliance or non-compliance with any



federal, state or local laws, or court or administrative order or decrees which could affect the recommendations or conclusions reached by PIERS in the performance of its Services.

There may be additional reports relating to the Property (whether prepared by PIERS or other parties), and reliance upon any PIERS report without reference to any such other reports is done at Client's sole risk. All information regarding operations, plans, specifications, conditions or test data which is provided to PIERS by the Client, Property owners or third parties (including without limitation, any point of contact at the site), is deemed by PIERS to be correct and complete without any independent verification by PIERS. PIERS assumes no responsibility for the accuracy of such information and shall not be liable if reliance on such information results in incorrect conclusions or results.

### **LIMITATION OF LIABILITY**

PIERS total liability to the Client for any and all injuries, claims, losses, expenses or damages whatsoever directly or indirectly arising out of or in any way related to this report from any cause or causes, including but not limited to PIERS negligence, errors, omissions, strict liability, or breach of contract shall NOT EXCEED THE TOTAL AMOUNT OF THE CONTRACT FOR THIS PROJECT. PIERS SHALL NOT BE LIABLE FOR LATENT OR HIDDEN CONDITIONS, CONDITIONS NOT ACTUALLY OBSERVED BY PIERS, THE POTENTIAL CONSEQUENCES OF OBSERVABLE CONDITIONS, CONDITIONS OF WHICH CLIENT HAD KNOWLEDGE OF AT THE TIME OF THE SERVICES, OR ANY UNAUTHORIZED ASSIGNMENT OF OR RELIANCE UPON THE REPORTS. NONWITHSTANDING THE PRIOR SENTENCE, IN NO EVENT SHALL PIERS BE LIABLE TO CLIENT FOR ANY EXEMPLARY, PUNITIVE, DIRECT OR INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL (INCLUDING LOST PROFITS) DAMAGES ARISING FROM OR IN ANY WAY CONNECTED WITH ITS PERFORMANCE OR FAILURE TO PERFORM UNDER THE AGREEMENT, EVEN IF THE AFFECTED PARTY HAS KNOWLEDGE OF THE POSSIBILITY OF SUCH DAMAGES.

### **USER RELIANCE AND ASSIGNMENT**

This Phase I Environmental Site Assessment has been prepared for the exclusive use of the Client. The Client may rely on the contents of this report. No other person or entity may rely on the report without the advance written consent of PIERS, and no other third-party beneficiaries are intended. In the absence of a written agreement with PIERS granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against PIERS, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect indemnify and hold PIERS, the Client and the respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses, and costs



attributable to such use. Unauthorized use of the report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted.

## **DEVIATIONS**

No deviations from the recommended scope of ASTM E1527-13 were observed as part of this Phase I, except for the following:

- The user did not provide PIERS with any land title or environmental lien records.
- PIERS view during the site reconnaissance was partially obstructed by vegetation.
- Interviews with owners previous to the current owner were not reasonably ascertainable however, the knowledge extended back to 1919. Based on information obtained from other historical sources, this data gap is not expected to alter the findings of this Phase I ESA.

## **SIGNIFICANT ASSUMPTIONS**

PIERS assumes all the information provided to us was true and accurate.

## **SPECIAL TERMS AND CONDITIONS**

The Client for this project requested no special terms, conditions or extraneous services. Therefore, PIERS implemented no special terms, conditions or extraneous services for this project. Business Environmental Risk concerns have not been addressed for this project. Controlled substances information has not been included, as it is outside the scope of ASTM E1527-13 unless specifically requested by the Client.



## **USER PROVIDED INFORMATION**

The “All Appropriate Inquiries” Final Rule (40 CFR Part 312) requires tasks to be performed by or on behalf of a party seeking to qualify for an LLP to CERCLA liability. The environmental professional (EP) shall request that the user (“Client”) provide the results of a review of:

- Recorded land title records
- Title and Judicial Records for Environmental Liens and Activity and Use Limitation (AULs)
- Specialized Knowledge or Experience of the User
- Fair Market Value: In a transaction involving the purchase of a parcel, the User should inform the EP if the purchase price is lower than the fair market value due to contamination. The User is not required to disclose the purchase price to the EP.
- Commonly Known or Reasonably Ascertainable Information about the Property to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products.

For this Phase I ESA the Client did not provide PIERS with any information regarding liens, activity and use limitations, specialized knowledge, or value reductions for environmental issues on the Property.

## **USER QUESTIONNAIRE**

On July 27, 2017, PIERS submitted an ASTM Site Reconnaissance and Interview Form to the owner of the Property, Mr. Steve Rosati. Mr. Rosati was unaware of: 1) the existence of environmental liens on the Property; 2) any notifications by government of violations of current or historic environmental laws, or; 3) any existing or historic violations of environmental laws by past or current occupants; or, 4) the presence of any lawsuits, or administrative proceedings concerning the presence of contamination at the Property. A copy of the interview form with observations recorded by PIERS’ Project Manager is attached to this report.

According to Mr. Rosati, the Property has been in the Rosati family since 1959 and was an apricot orchard, but has been a fallow field for 22 years. Petroleum products for tractors were stored in the equipment shed. Smudge pots were previously stored behind the shed and later inside the shed. An approximately 100-gallon aboveground storage tank (AST) for smudge oil was formerly located just west of the shed, and for about four years, a 100-gallon gasoline AST was present to the east of the shed. A water supply well was previously located in the southwestern quadrant of the Property, but was properly sealed, under permit.

## **OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION**

Mr. Stephen J. Rosati is the one of the owners of the Property. The Property has been in the Rosati family since 1959.



## **PREVIOUS ENVIRONMENTAL REPORTS**

No previous environmental reports were found for the Property.



## **PROPERTY DESCRIPTION**

### **LOCATION AND LEGAL DESCRIPTION**

The Property is located on the south side of Santa Ana Road, north of Meridian Street, just north of the city limit of Hollister, in San Benito County, California. A Property Site Plan and a Property Parcel Map are attached to this report as Figures 1 and 2, respectively. Site photographs are presented in Appendix A.

The Property consists of a rectangular-shaped parcel of approximately 23.4 acres in size, which is improved with a small shed. The Property is legally described as Assessor's Parcel Number 02 of Assessor's Map Book 019, Page 31 (Assessor's Parcel Number 019-310-002), as shown on Figure 2.

The subject Property is vacant.

### **SITE AND VICINITY GENERAL CHARACTERISTICS**

The Property is located in an area that was originally orchards, and now is comprised of a mixture of agricultural and residential usage. None of the adjacent properties are considered to be of significant environmental concern to the Property.



## **SITE RECONNAISSANCE**

On July 27, 2017, PIERS conducted a visual reconnaissance of the Property. PIERS inspected all areas of the Property during the site reconnaissance. Property photographs (Appendix A), site plans, and notes were taken during the reconnaissance.

### **GENERAL SITE SETTING**

The Property is located adjacent to schools, residential areas, and agricultural lands. None of the sites in the near vicinity are listed on the regulatory agency databases as having had any spills or releases.

### **EXTERIOR OBSERVATIONS**

Except for the equipment shed in the northwest corner, the Property is a vacant tilled field. The Property has a chain-link fence along the perimeter on the west and south sides, and a masonry wall along a portion of the east side. There is minor trash and debris along the south perimeter. Along the east perimeter, at the end of a cul-de-sac for a new development to the east, it appears that up to two feet of dirt fill was added to the Property, over an area of about 50 feet by 120 feet. There is also some concrete, wood, metal, and plastic construction debris.

### **INTERIOR OBSERVATIONS**

The interior of the Property building (shed) is accessed by a sliding door. There are three stored tractors on the unpaved floor, and a number of five-gallon pails of oil, fuel containers, and gallon or less size containers of automotive fluids and paint.

### **DESCRIPTION OF STRUCTURES AND PROPERTY IMPROVEMENTS**

#### **STRUCTURES**

The Property building is a shed founded on a concrete perimeter foundation and the floor is unpaved. The building is of sheet metal and wood frame construction.

#### **ROADS**

No roads are located on the Property. The Property is accessed from the adjoining streets.

#### **MECHANICAL SYSTEMS**

No mechanical systems were observed at the Property, except for the normal utilities, alarms, and fire sprinkler systems, and three stored tractors.



## **SOLID WASTE AND SEWAGE DISPOSAL**

Trash receptacles are used for solid waste. Sewage is disposed of via city sewer lines.

## **SURFACE WATER DRAINAGE, PITS, PONDS AND LAGOONS**

Surface water drains into on-site storm water drains located along the Property boundary and into the public right of way. Sewage is disposed of via city sewer lines.

No wetlands, surface impoundments, natural catch basins, settling ponds or lagoons are located on the Property.

## **HEATING AND COOLING SYSTEMS**

Heating and cooling systems were not observed.

## **SOURCE OF POTABLE WATER**

Water is provided to the area of the Property by a municipal water service.

## **HAZARDOUS MATERIALS STORAGE, USE, DISPOSAL**

Inside the equipment shed there were a number of five-gallon pails of oil, fuel containers, and gallon or less size containers of automotive fluids and paint. These materials were stored on a hard-packed soil floor. There was no obvious evidence of spillage. Minor oil stains appeared to be from heavy equipment storage.

## **WELLS**

No evidence of water supply, irrigation, oil, injection, or dry wells was observed on the Property. The owner reports that a former water supply well has been properly sealed, under permit.

## **FLOOR DRAINS, SUMPS AND CLARIFIERS**

No drains, sumps or clarifiers were observed.

## **STORAGE TANKS**

No storage tanks were observed at the Property.

## **STAINED SOIL OR PAVEMENT**

No stained soil was observed except for minor oil and grease staining inside the equipment building.



## **USES AND CONDITIONS OF THE PROPERTY AND ADJOINING PROPERTIES**

### **CURRENT USE OF THE PROPERTY**

The Property is a vacant tilled field. Three tractors are stored in the equipment shed.

### **CURRENT USES OF ADJOINING PROPERTIES**

The area surrounding the Property is comprised of schools, residences, and agricultural lands. The parcels immediately surrounding and in the vicinity of the Property are as follows:

- The Property is bound to the north by Santa Ana Road. The area across this road is agricultural.
- The Property is bound to the south by Meridian Street. The area across this street is residential.
- The Property is bound to the east by a new residential development.
- The Property is bound to the west by an elementary school and a middle school.

No items of obvious environmental concern were observed on the vicinity reconnaissance.



## **RECORDS REVIEW**

### **PHYSICAL SETTING SOURCES**

#### **TOPOGRAPHIC MAP REVIEW**

The Property is located at an elevation of approximately 285 feet above mean sea level (U. S. Geological Survey 7.5 Minute Topographic Quadrangle, "Hollister"). The Property is located within an area that is flat. Regionally, the area slopes very gradually towards the northwest.

A review of historical topographic maps was also performed, and is summarized with a review of historical aerial photographs further in this report.

#### **HYDROGEOLOGICAL REVIEW**

The direction of groundwater flow in the vicinity of the Property is inferred to be to the northwest, consistent with the topography.

Based on information obtained online from the USDA Natural Resources Conservation Service Web Soil Survey database, the Property is mapped as Sorrento silty clay loam. This series consists of non-saline to very slightly saline, well drained soils that generally have a depth to water table of more than 80 inches. The soils are of alluvial origin and are derived from sandstone and shale.

### **STANDARD AND ADDITIONAL ENVIRONMENTAL RECORDS SOURCES**

Regulatory records documentation is attached to this report as Appendix B.

#### **LOCAL FIRE DEPARTMENT RECORDS REVIEW**

It is assumed that there are no fire inspection records for the Property.

#### **LOCAL BUILDING DEPARTMENT RECORDS REVIEW**

San Benito County Planning and Building Department (SBPBD)  
Review Date - July 25, 2017

On July 25, 2017, PIERS contacted Mr. Michael Kelly of the SBPBD regarding any files for the Property. Mr. Kelly located an old folder that appeared to be for the Property, associated with the address of 991 Santa Ana Road, although this may have referred to a larger land holding. A permit for an equipment shed had been issued in 1968 to Mr. Rosati. Mr. Kelly noted that there were no other file documents for the Property.



Hollister Planning Department  
Review Date - July 25, 2017

The Property is just outside (north of) the city limits of Hollister. Mr. Abraham Prado noted that the owner had made inquiries about the annexation process, but no formal application had been submitted, and there were no planning documents.

## **LOCAL HEALTH DEPARTMENT RECORDS REVIEW**

The Property is not listed on any of the regulatory agency databases.

## **ADDITIONAL FILE REVIEWS**

### Geotracker Database – Regional Water Quality Control Board (RWQCB)

The Property is not listed on this database. There are no open leak cases in close proximity to the Property.

### Envirostor Database – Department of Toxic Substances Control (DTSC)

The DTSC maintains a database of spills or leaks cases on the Envirostor database. The Property is not listed on this database. There are no open cases in close proximity to the Property.

## **REGULATORY AGENCIES DATABASES REVIEW**

Attached to this report as Appendix C is a PIERS Identified Hazardous Materials Sites Radius Report (IHMSRR) for the subject Property. The report identifies sites of environmental concern within a one-mile radius of the subject Property. The databases searched to compile the enclosed report are gathered from numerous federal, state and local governing environmental entities. All of the databases required to be searched by ASTM E1527-13 – Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process – Section 8.2.1 *Standard Federal, State, and Tribal Environmental Record Sources* have been included in this report, and searched to the required distances from the subject Property. The following is an analysis of the attached report.

## **SUMMARY OF DATABASES REVIEWED:**

### **SUBJECT PROPERTY**

The Property is not listed on any of the regulatory agency databases including in this radius report.



## **SURROUNDING SITES**

### **NPL - NATIONAL PRIORITIES LIST/TRIBAL NPL**

No sites within a one-mile radius from the Property were listed on the National Priority List (NPL) database. No sites were listed on the Proposed NPL database, Delisted NPL database or on a Tribal NPL database.

### **CORRACT**

No sites within a one-mile radius from the Property were listed on the CORRACT database.

### **TSD**

No sites within a one-mile radius from the Property were listed on the TSD database.

### **DEFENSE**

No sites within a one-mile radius from the Property were listed on the DEFENSE sites database.

### **BROWN**

No sites within a one-mile radius from the Property were listed on the BROWN sites database.

### **CSL**

Eight sites within a one-mile radius from the Property were listed on the CSL database. Three cases are closed, and therefore does not appear to be of significant environmental concern to the Property.

The open case sites are located between approximately 2,665 feet southwest to 4,480 feet west from the Property. As the inferred groundwater flow direction is to the northwest, these sites are considered to be in the cross-gradient direction, and as such, do not appear to be of significant environmental concern to the Property.

### **DEED**

No sites within a one-mile radius from the Property were listed on the DEED database.

### **SUPERFUND**

No sites within a one-mile radius from the Property were listed on the SUPERFUND database.



## **U.S. INSTITUTIONAL AND ENGINEERING CONTROL REGISTRIES/TRIBAL**

Neither the Property nor any adjacent parcel is listed on the federal institutional control/engineering control registries database. Neither the Property nor any adjacent parcel is listed on a tribal institutional control/engineering control registries database. There were no sites listed on this database within a one-half mile radius from the Property.

## **LUST/ TRIBAL LUST**

One site within a one-half mile radius from the Property was listed on the LUST database.

In fuel leak cases, research conducted in the State of California by Lawrence Livermore National Laboratory (LLNL) indicates that attenuation and degradation of the product in groundwater play major roles in reducing the hydrocarbon contamination to non-detectable levels within several hundred feet of the contaminant source. Moreover, this research indicates that in over 90% of the hydrocarbon contamination cases, with the possible exception of MTBE or other fuel oxygenates, groundwater contaminant plumes do not extend more than 250 feet from the source. Solvent/toxic contamination plumes may extend farther from the source.

Based on the discussion above, fuel leak LUST sites that are within one-eighth mile in the up-gradient direction, and up-gradient solvent or toxic leak sites are considered to have potential risk to the subsurface soils and/or groundwater of the Property.

No LUST sites within one-eighth mile of the Property were listed.

## **SWLF/ TRIBAL SWLF**

No sites within a one-half mile radius from the Property were listed on the SWLF database or a Tribal SWLF database.

## **WELLS**

No sites within a one-quarter mile radius from the Property were listed on the WELLS database.

## **HAZMAT**

No sites within a one-quarter mile radius from the Property were listed on the HAZMAT database.



### **ERNS**

Neither the Property nor any adjacent parcel is listed on the ERNS database. There were no ERNS sites listed within one-eighth mile of the Property.

### **RCRIS GENERATORS**

Neither the Property nor any adjacent parcel is listed on the GENERATORS database. There were no GENERATOR sites listed within one-eighth mile of the Property.

### **UST/TRIBAL UST**

No sites within one-eighth mile of the Property were listed on the UST database. No sites were listed on the Tribal UST database.

### **AST/TRIBAL AST**

No sites within one-eighth mile of the Property were listed on the AST database. No sites were listed on the Tribal AST database.

### **AIR EMISSIONS**

No sites within one-eighth mile of the Property were listed on the Air Emissions database.

### **HAZNET**

No sites within one-eighth mile of the Property are listed on the HAZNET database.



## **HISTORICAL USE INFORMATION**

As described under ASTM E1527-13 – Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process – Section 8.3 *Historical Use Information*, Historical Use Information is the objective of consulting historical records sources to develop a history of the previous uses of the Property and surrounding area in order to identify the likelihood of past uses having led to recognized environmental conditions in connection with the Property. All obvious uses of the Property shall be identified from the present back to the Property's first developed use or back to 1940 whichever is earlier.

Sources of such information are typically: interviews, aerial photographs, Sanborn Fire Insurance (Sanborn) Maps, city directories, and local fire, building and health department files. Other historical sources include internet sites, community organizations, local libraries and historical societies, and current owner/occupants of neighboring properties. Historical research documentation is attached to this report as Appendix D.

### **SANBORN FIRE INSURANCE MAPS REVIEW**

No Sanborn Fire Insurance Map coverage was found for the Property, which is typical of areas away from older urban centers.

### **LOCAL CITY DIRECTORY REVIEW**

City directories were not researched for this ESA as there is no recent physical address associated with the Property.

### **HISTORICAL AERIAL PHOTOGRAPH AND TOPOGRAPHIC MAP REVIEW**

On June 25, 2017, aerial photographs from the NETR online database were reviewed for evidence of hazardous materials and features that may have impacted the Property. Topographic maps from 1919, 1921, 1934, 1943, 1955, 1956, 1960, 1963 and 1968, and aerial photographs from 1971, 1998, 2005, 2009, 2010 and 2012 were reviewed. Also, a 1993 Google Earth image was reviewed. The following is a summary of this review:

On the topographic maps prior to 1956, no features were discernable at the Property. Some orchards are shown on the Property, and in the vicinity, on the topographic maps from 1956, 1960, 1963 and 1968. The entire Property is occupied by orchards on the 1971 aerial photograph, and the shed at the northwest corner is also present. The vicinity of the Property is also largely orchards.



On the aerial photographs from 1993 to 2012, the Property appears to be a vacant field, and the shed is still present. By 1993, the schools to the east are partially built or under construction. The areas to the north and east remain agricultural, with rural residences. The area to the south, across Meridian Avenue, is residential.

The prior use of the Property for agriculture is of potential environmental concern as it implies the use of agricultural chemicals such as pesticides and fertilizers.

No features of obvious environmental concern were identified at the Property or vicinity on any of the aerial photographs reviewed.



## **INTERVIEWS**

ASTM E1527-13 requires the Environmental Professional (EP) or the User to interview current and or previous owners, operators or occupants of the Property likely to have material information about the Property. This task is completed when the aforementioned parties have been identified by the User and the parties comply with the interview request.

### **PAST AND PRESENT OWNERS AND OCCUPANTS**

PIERS Project Manager completed the following interviews of past and present owners, operators and occupants, report user, key site manager and others.

On July 27, 2017, PIERS submitted an ASTM Site Reconnaissance and Interview Form to the owner of the Property, Mr. Steve Rosati. Mr. Rosati was unaware of: 1) the existence of environmental liens on the Property; 2) any notifications by government of violations of current or historic environmental laws, or; 3) any existing or historic violations of environmental laws by past or current occupants; or, 4) the presence of any lawsuits, or administrative proceedings concerning the presence of contamination at the Property. A copy of the interview form with observations recorded by PIERS' Project Manager is attached to this report.

According to Mr. Rosati, the Property has been in the Rosati family since 1959 and was an apricot orchard, but has been a fallow field for 22 years. Petroleum products for tractors were stored in the equipment shed. Smudge pots were previously stored behind the shed and later inside the shed. An approximately 100-gallon aboveground storage tank (AST) for smudge oil was formerly located just west of the shed, and for about four years, a 100-gallon gasoline AST was present to the east of the shed. A water supply well was previously located in the southwestern quadrant of the Property, but was properly sealed, under permit.

### **STATE AND LOCAL GOVERNMENT OFFICIALS**

PIERS Project Manager did not complete interviews of state and local government officials. The Property is not listed as a spills or releases site.



## **VAPOR ENCROACHMENT SCREENING**

The Vapor Encroachment Screening (VES) Standard (ASTM E2600-10) may include a two-tiered screening process. Initially, the Tier 1 VES focuses on known or suspected contaminated properties located within the area of concern (AOC). According to ASTM E2600-10:

*“the AOC is one third of a mile around the TP [Target Property], unless the use of a shorter distance (such as for petroleum hydrocarbon constituents of concern [COCs]) is appropriate. The AOC is measured from the TP to a contaminated property with known or suspect COC contamination of soil or groundwater or both.” “If there are known or suspect property sources of contamination within the AOC, the environmental professional should evaluate whether COC may be present at the TP.*

*“For a contaminated property identified in Tier 1 located cross-gradient from the TP, the AOC will be the area within the critical distance plus one half of a reasonable estimation of the contaminated plume width (at the point nearest the closest TP boundary) that might be associated with the nearby known or suspect contaminated property (that is, the contaminated property where the groundwater contamination originated).”*

ASTM E2600-10 states that if a VEC cannot be ruled out in the Tier 1 screen, the user can undertake more refined screening, as provided in Tier 2. *“Tier 2 applies numeric screening criteria to existing or newly collected soil, soil gas, and/or groundwater testing results to evaluate whether or not a VEC can be ruled out. Tier 2 has two data collection components: one non-invasive and one invasive.*

The objective of the non-invasive Tier 2 process is to identify through documentation, information regarding plume lengths and contaminants, remediation status, etc. The non-invasive Tier 2 VES uses a plume test and critical distance determination to evaluate whether vapors from the contaminated property might migrate to and encroach upon the Target Property. The critical distance between the Target Property and a contaminated plume is defined by E2600-10 as 30 feet (9 meters) for dissolved petroleum hydrocarbons, and 100 feet (30.5 meters) for separate-phase product petroleum hydrocarbons and non-petroleum chemicals of concern (“COCs”) such as volatile organic compounds (VOCs). Contaminated groundwater plumes within these distances may constitute a VEC to the Target Property.

The User should be aware that:

- The presence of a VEC does not necessarily constitute a REC. The EP is to determine if the VEC represents a REC for the Target Property.
- The VES process does not evaluate the potential for vapor intrusion (VI) of subsurface vapors into existing buildings. Evaluation of VI conditions requires field sampling, and is not included in ASTM E1527-13.

## **EVALUATION**

No sites with VOC contamination were identified within the critical distances cited in the VES guidance document. Therefore, it is unlikely that a VEC exists on or near the subject Property.



# **AGRI-CHEMICAL ASSESSMENT**

## **INTRODUCTION**

To investigate the former use of the Property as an orchard, and considering that the Property was to be redeveloped for residential purposes, PIERS recommended that near surface soil samples be collected at the Property and analyzed for organochlorine pesticides and arsenic. Also, soil samples collected at the equipment shed and vicinity were analyzed for diesel, motor oil and gasoline.

## **INVESTIGATION**

On July 27, 2017, soil samples were collected at the Property, as shown on Figures 3A and 3B. Per Department of Toxic Substances Control (DTSC) guidelines for sampling for agricultural chemicals, and based on the size of the Property, nine composite soil samples from 33 locations were collected and analyzed for organochlorine pesticides by EPA Method SW8081A. Discrete soil samples from nine of these locations were also analyzed for arsenic by EPA Method SW6020. These soil samples were collected from depths of approximately 0.5 foot below grade, beneath the root mat.

Two discrete soil samples, 10 and 11, were collected from inside the equipment shed, at the surface. One soil sample (10) was collected from beneath a parked tractor where minor oil staining appeared to be present. The other soil sample (11) was collected directly adjacent to where five-gallon pails of oil and fuel were stored. These soil samples were analyzed for pesticides, arsenic, diesel, and motor oil.

Based on the Property owner's recollection of a former 100-gallon gasoline AST that was on site for four years just west of the equipment shed, one soil sample (12) was collected at the surface in this area and analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline and for gasoline constituents by EPA Methods 8021/8015.

Based on the Property owner's recollection of an area of smudge pot storage and a former 100-gallon smudge oil AST; a two-part composite soil sample, designated as soil sample 13, was collected from surface soil both behind the equipment shed and to the west of it, and analyzed for diesel and motor oil by EPA Method 8015.

The soil samples were transported under a chain of custody to McCampbell Analytical Laboratory in Pittsburg, California.

The soils consisted of fine-grained silt which was dry (ML). The soil sample liners were capped with Teflon tape and plastic caps, labeled, and placed in a cooler, on ice, prior to delivery to the laboratory. There was no evidence of contamination such as odors or staining, except at the location of soil sample 10, where minor oil staining was observed.



“Environmental Screening Levels” (ESLs) for concentrations of contaminants in soils and groundwater have been established by the Regional Water Quality Control Board (RWQCB). These levels are used to determine the relative risks to human health and the environment. Generally, the presence of a chemical in soil or groundwater at concentrations below the corresponding ESL can be assumed to not pose a significant threat to human health or the environment. The ESLs for soil differentiate between residential and commercial usage, although in some cases the values are the same.

The analytical results of the nine composite soil samples and two discrete soil samples (10 and 11) indicated low concentrations of chlordane, DDT and its breakdown products and dieldrin in most soil samples. Discrete analyses of composite soil samples 1A, 1B, and 1C indicated concentrations of chlordane above the detection limit only in 1A. None of these concentrations were above the residential ESL.

Arsenic was detected in all eleven soil samples analyzed, in excess of the residential ESL of 0.067 ppm, at concentrations ranging up to 12 ppm. These concentrations are within the range of naturally occurring background concentrations typically found in Bay Area soils and does not appear to be from agricultural activities. The Property does not appear to be significantly impacted by the past agricultural use and therefore no mitigation is warranted for residential development.

TPH as diesel and motor oil concentrations were detected in soil sample 10 inside the shed, and in the two-part composite soil sample 13, sited where smudge pots and a smudge oil AST had been located; however, the concentrations were below their respective residential ESLs. In soil sample 11, inside the shed, diesel and motor oil were detected at concentrations of 6,600 ppm and 14,000 ppm, above their respective residential ESLs of 230 ppm and 11,000 ppm.

TPH as gasoline, BTEX, and MTBE were non-detectable in soil sample 12, which was sited where a former gasoline AST had been stored for about 4 years.

The analytical results are attached to this report as **Appendix G**. The analytical results are summarized on **Table 1**.



## **FINDINGS, OPINIONS AND CONCLUSIONS**

PIERS has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for APN 019-310-002, Santa Ana Road in Hollister, CA, i.e., the Property. Any exceptions to, or deletions from, this practice are described in the Deviations Section of this report.

### **FINDINGS AND OPINIONS**

This Phase I ESA has revealed no evidence of RECs, HRECs, CRECs, or environmental issues in connection with the subject Property or adjacent properties, except for a small area of diesel and motor oil impacts to soil within the shed, and an area where chlordane was detected slightly above the ESL, in the same area, represented by soil sample 1A.

### **CONCLUSIONS AND RECOMMENDATIONS**

The active exposure pathways for human health at the Property include (accidental) ingestion and inhalation. During construction, ingestion and inhalation exposure pathways would be active. The risk of exposure during construction can be mitigated by a Soil Management Plan and Health and Safety Plan that specifically addresses these risks and outlines the necessary measures to limit chemical exposure and mobilization (e.g, airborne dust, erosion control) during future construction activities.

The area within the shed represented by soil sample 11, where diesel and motor oil were detected at concentrations of 6,600 ppm and 14,000 ppm (above their ESLs), should be excavated to remove visibly stained material and a confirmation soil sample should be collected and analyzed. The excavated material should be placed in a drum or drums and profiled for off-site disposal to a licensed facility.

The analytical results of the nine composite soil samples and two discrete soil samples (10 and 11) indicated low concentrations of chlordane, DDT and its breakdown products and dieldrin in most soil samples. Discrete analyses of composite soil samples 1A, 1B, and 1C indicated concentrations of chlordane above the detection limit only in 1A. None of these concentrations were above the residential ESL.



## **ADDITIONAL INVESTIGATIONS**

Additional investigations were not performed for this Phase I ESA.

## **DATA GAPS**

A data gap is defined as a lack of or inability to obtain information required by this practice (ASTM E1527-13) despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews.

ASTM Standard E 1527-13 requires the ESA report to note any data failure from historical research sources, if any; to give reasons why such sources were excluded; and discuss if data failure significantly affects the ability of the Environmental Professional to identify RECS. For this ESA, historical sources were able to document land use from 1919 (before development) to present. No significant data gaps were identified for this Phase I ESA.

## **DELETIONS**

Deviations from the recommended scope of ASTM E1527-13 are summarized earlier in this report, but are not considered significant data gaps.



## **ENVIRONMENTAL PROFESSIONAL'S STATEMENT**

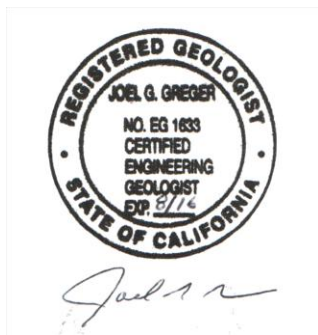
"I, Joel Greger, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312", and "I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed All Appropriate Inquiries (AAI) in conformance with the standards and practices set forth in 40CFR Part 312."

The Environmental Professional(s) Qualifications are set forth in Appendix F of this report.

Should you have any questions or concerns regarding this report please do not hesitate in contacting either of us.

Respectfully,

### **PIERS Environmental Services**



#### **Author:**

Joel G. Greger  
Senior Project Manager  
CEG # EG1633



#### **Reviewer:**

Norma K. Pannell  
Senior Project Manager  
REPA #100002



## **REFERENCES**

American Society for Testing and Materials (ASTM) E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process

ASTM E2091, Guide for Use of Activity and Use Limitations, Including Institutional and Engineering Controls

ASTM E2600, Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions

“All Appropriate Inquiries” Final Rule, 40 Code of Federal Regulations (CFR) Part 312, Chapter 1 EPA, Subchapter J-Superfund, Emergency Planning, and Community Right-To-Know Programs, 40 C.F.R. Parts 300-399

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (“CERCLA” or “Superfund”), as amended by Superfund Amendments and Reauthorization Act of 1986 (“SARA”) and Small Business Liability Relief and Brownfields Revitalization Act of 2002 (“Brownfields Amendments”), 42 U.S.C. §§9601 et seq.

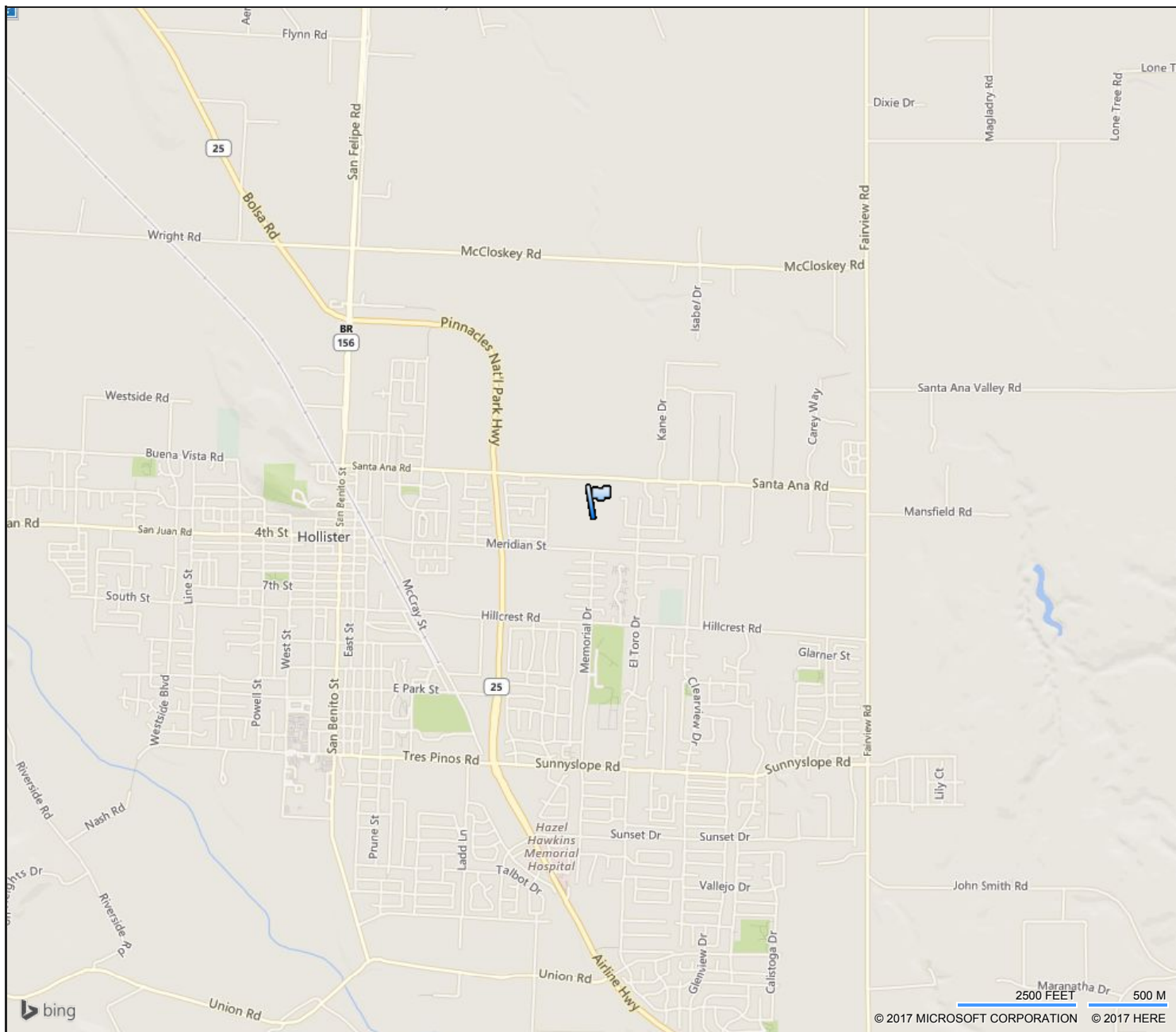
National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. Part 300

Resource Conservation and Recovery Act (also referred to as the Solid Waste Disposal Act), as amended (“RCRA”), 42 U.S.C §6901 et seq.



# FIGURES





**FIGURE 1**  
**PROPERTY VICINITY MAP**

**APN 019-310-002, SANTA ANA RD  
HOLLISTER, CA 95023**

**MONDAY 24TH OF JULY, 2017**

PIERS ENVIRONMENTAL SERVICES  
1038 REDWOOD HWY., SUITE 100A, MILL VALLEY, CA 94941  
PHONE: 415-388-7900 FAX: 415-388-7909 WWW.PIERSES.COM





**FIGURE 2**  
***PROPERTY SITE PLAN***

APN 019-310-002, SANTA ANA RD.  
HOLLISTER, CALIFORNIA

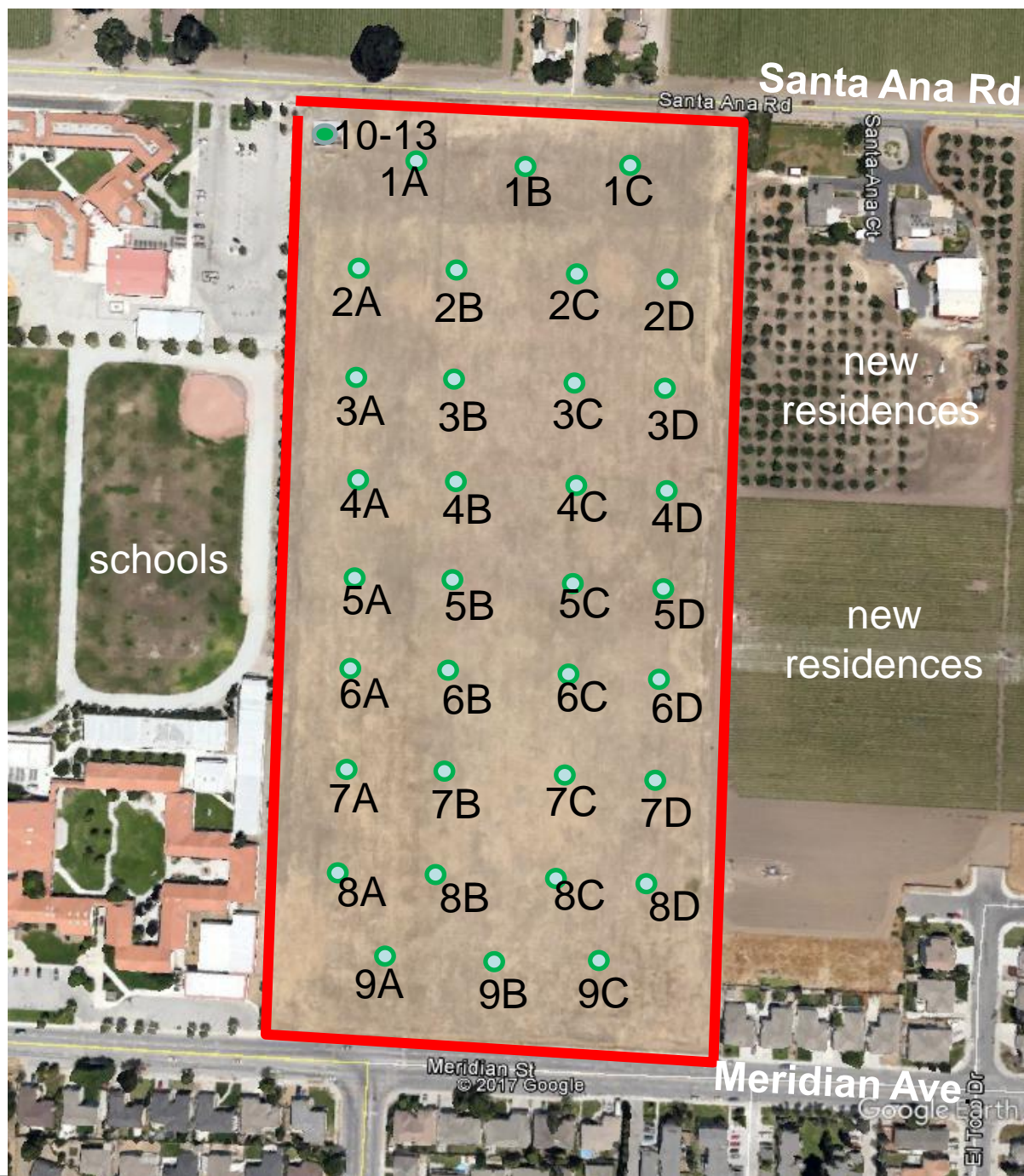
AUGUST 2017  
NOT TO SCALE

**PIERS** Environmental  
Services



1038 Redwood Highway, Suite 100A, Mill Valley, CA 94941  
Phone: 415-388-7900 Fax: 415-388-7909 [www.pierses.com](http://www.pierses.com)





**FIGURE 3A**  
***SOIL SAMPLE LOCATIONS***

APN 019-310-002, SANTA ANA RD.  
HOLLISTER, CALIFORNIA

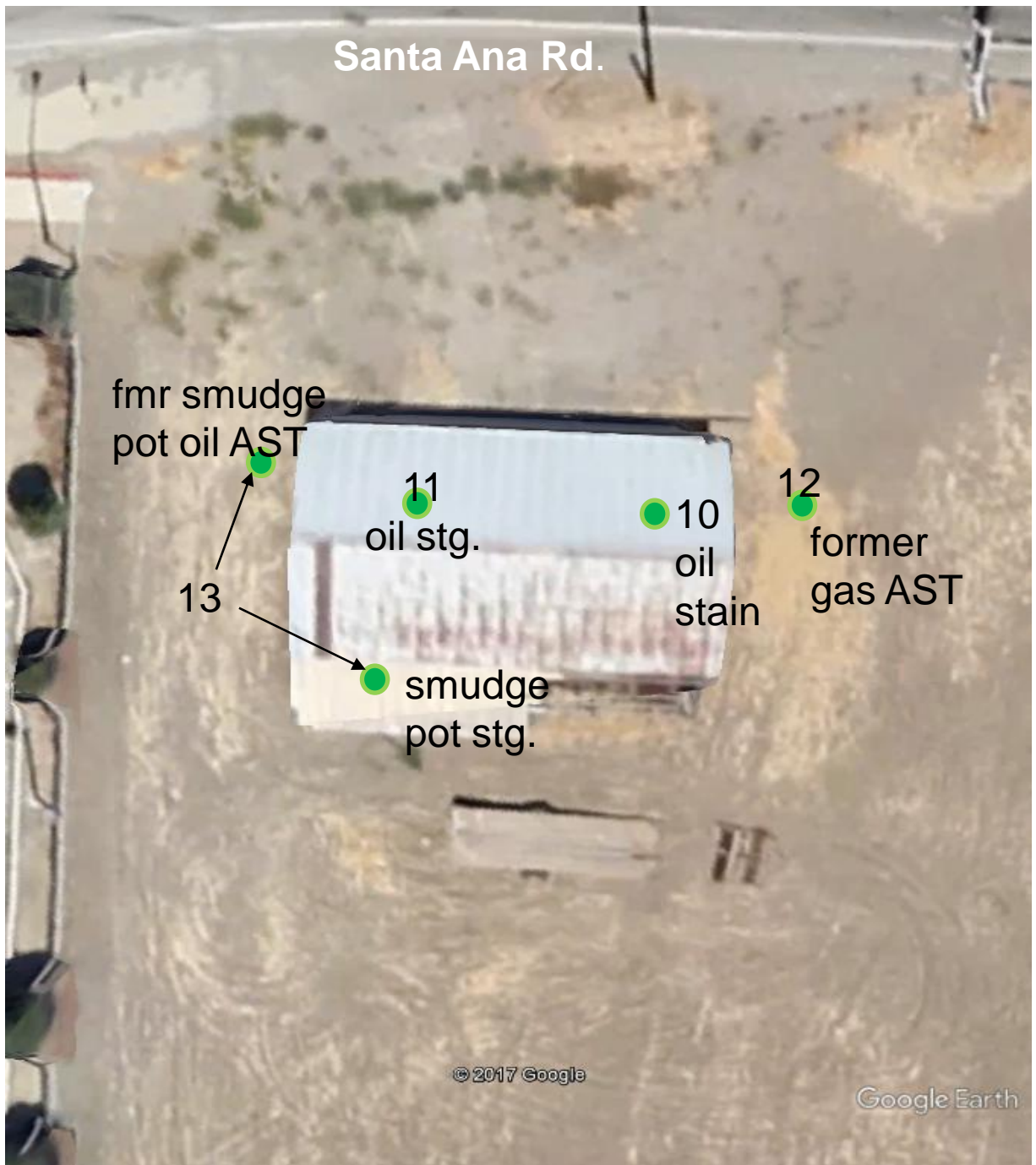
AUGUST 2017  
NOT TO SCALE

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**FIGURE 3B**  
***SOIL SAMPLE LOCATIONS– SHED AREA***

APN 019-310-002, SANTA ANA RD.  
HOLLISTER, CALIFORNIA

AUGUST 2017  
NOT TO SCALE

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# TABLE



**TABLE 1**  
**SOIL ANALYTICAL RESULTS**  
APN 019-310-002, Santa Ana Rd., Hollister, CA  
Samples collected on 5-27-2017

| Sample No.      | Chlordane (ppm) | a-chlordane (ppm) | g-chlordane (ppm) | p, p-DDD (ppm) | p, p-DDE (ppm) | p, p-DDT (ppm) | Dieldrin (ppm) | Diesel/ motor oil (ppm) | Gas/BTEX/ MTBE (ppm) | Arsenic (ppm) |
|-----------------|-----------------|-------------------|-------------------|----------------|----------------|----------------|----------------|-------------------------|----------------------|---------------|
| Comp 1A-1C      | 0.043           | 0.0060            | 0.0021            | 0.017          | 0.31           | 0.033          | 0.019          | NA                      | NA                   | NA            |
| 1A***           | 0.046           | 0.0037            | 0.0062            | <0.0010        | 0.083          | <0.020         | 0.0069         | NA                      | NA                   | <b>10</b>     |
| 1B***           | <0.025          | 0.0017            | 0.0031            | <0.0010        | 0.25           | <0.020         | 0.0075         | NA                      | NA                   | NA            |
| 1C***           | <0.025          | 0.0023            | 0.0040            | <0.0010        | 0.16           | <0.020         | 0.0083         | NA                      | NA                   | <b>10</b>     |
| Comp 2A-2D      | <0.025          | 0.0021            | <0.0010           | 0.0038         | 0.10           | 0.014          | 0.0063         | NA                      | NA                   | NA            |
| Comp 3A-3D      | <0.025          | 0.0018            | <0.0010           | 0.0035         | 0.11           | 0.019          | 0.0034         | NA                      | NA                   | NA            |
| Comp 4A-4D      | <0.025          | 0.0023            | <0.0010           | 0.011          | 0.15           | 0.029          | 0.011          | NA                      | NA                   | NA            |
| Comp 5A-5D      | <0.025          | 0.0033            | <0.0010           | 0.0066         | 0.20           | 0.037          | 0.0060         | NA                      | NA                   | NA            |
| Comp 6A-6D      | <0.025          | 0.0032            | <0.0010           | 0.0062         | 0.18           | 0.025          | 0.0082         | NA                      | NA                   | NA            |
| Comp 7A-7D      | <0.025          | 0.0036            | <0.0010           | 0.0068         | 0.12           | 0.016          | 0.0064         | NA                      | NA                   | NA            |
| Comp 8A-8D      | <0.025          | 0.0071            | 0.0015            | 0.0093         | 0.12           | 0.018          | 0.0089         | NA                      | NA                   | NA            |
| Comp 9A-9C      | <0.025          | 0.0056            | 0.0014            | 0.0075         | 0.15           | 0.015          | 0.0061         | NA                      | NA                   | NA            |
| 2B              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | NA                      | NA                   | <b>7.3</b>    |
| 3C              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | NA                      | NA                   | <b>7.2</b>    |
| 4A              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | NA                      | NA                   | <b>12</b>     |
| 5D              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | NA                      | NA                   | <b>11</b>     |
| 6B              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | NA                      | NA                   | <b>6.3</b>    |
| 7C              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | NA                      | NA                   | <b>12</b>     |
| 8A              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | NA                      | NA                   | <b>12</b>     |
| 9C              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | NA                      | NA                   | <b>6.1</b>    |
| 10              | <0.025          | 0.014             | 0.015             | 0.11           | 0.067          | 0.092          | 0.0055         | 63/120                  | NA                   | <b>2.9</b>    |
| 11              | <0.025          | <0.050            | <0.050            | 0.24           | 0.15           | 0.14           | <0.050         | <b>6600/14000</b>       | NA                   | <b>6.2</b>    |
| 12              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | NA                      | ND                   | NA            |
| 13              | NA              | NA                | NA                | NA             | NA             | NA             | NA             | 15/14                   | NA                   | NA            |
| Res. ESL - < 3m | 0.48            | --                | --                | 2.7            | 1.9            | 1.9            | 0.038          | 230/11000               | varies               | 0.067         |
| Background *    |                 |                   |                   |                |                |                |                |                         |                      | 0.6-11        |
| Background **   |                 |                   |                   |                |                |                |                |                         |                      | 19.1          |

**EXPLANATION:**

ppm = parts per million

NA = Not Analyzed

ND = Not Detected at limits of detection

\* = Background concentration range in California soils- Bedford et. al (1986)

\*\* = Lawrence Berkeley National Laboratory (LBNL) Analysis of Background Distributions of Metals

in the Soil at Lawrence Berkeley National Laboratory , Table 3: Summary Statistics for Background

\*\*\* Endosulfan I was detected in 1A and 1B at concentrations ranging up to 0.0012, below the ESL of 0.042.

Methoxychlor was detected in 1C at a concentration of 0.0022, below the ESL of 0.035.

ESL - Environmental Screening Level - residential, shallow soil, Feb. 2016 (Rev. 3)



**APPENDIX A**  
**PROPERTY PHOTOGRAPHS**



**PROPERTY PHOTOGRAPHS**  
**APN 019-310-002, SANTA ANA ROAD, HOLLISTER, CA**



**PHOTO #1. VIEW SOUTH FROM NORTHWEST PORTION OF PROPERTY.**



**PHOTO #2. VIEW NORTH SHOWING ROW CROPS ACROSS SANTA ANA ROAD.**



**PROPERTY PHOTOGRAPHS**  
**APN 019-310-002, SANTA ANA ROAD, HOLLISTER, CA**



**PHOTO #3. VIEW OF EQUIPMENT STORAGE BUILDING, NW PART OF PROPERTY.**



**PHOTO #4. VIEW TO SOUTHEAST, RESIDENTIAL AREA IN BACKGROUND.**



**PROPERTY PHOTOGRAPHS**  
**APN 019-310-002, SANTA ANA ROAD, HOLLISTER, CA**



**PHOTO #5. VIEW OF INTERIOR OF EQUIPMENT SHED.**



**PHOTO #6. VIEW TO WEST SHOWING ADJACENT SCHOOL.**



**PROPERTY PHOTOGRAPHS**  
**APN 019-310-002, SANTA ANA ROAD, HOLLISTER, CA**



**PHOTO #7. VIEW OF ENCROACHING FILL AT SOUTHEAST AREA OF PROPERTY.**



**PHOTO #8. VIEW WEST SHOWING SECOND SCHOOL WEST OF PROPERTY.**



**PROPERTY PHOTOGRAPHS**  
**APN 019-310-002, SANTA ANA ROAD, HOLLISTER, CA**



**PHOTO #9. VIEW NORTH ALONG EAST PERIMETER.**



**PHOTO #10. VIEW NORTHWEST FROM SOUTHEAST CORNER.**

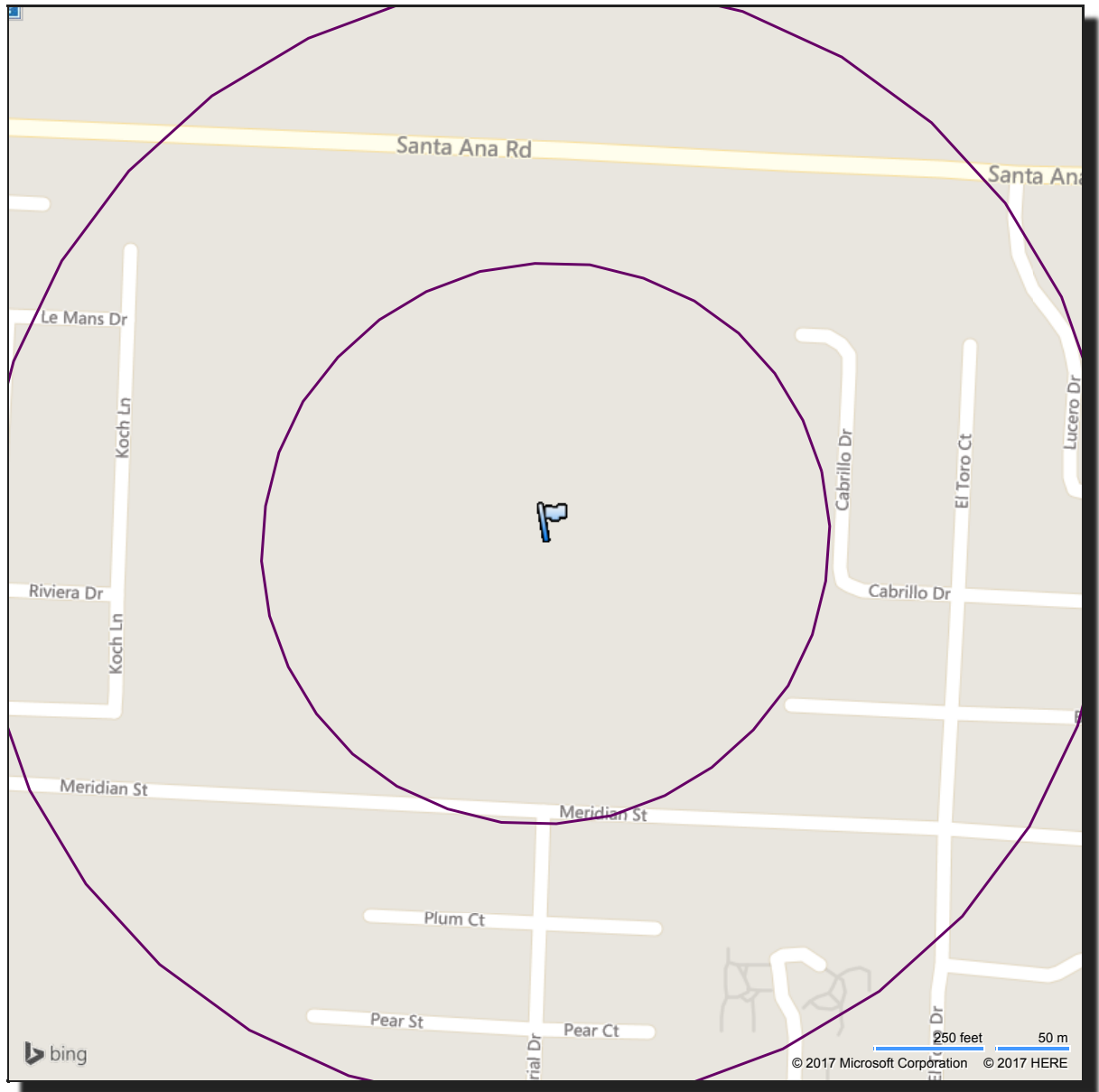


**APPENDIX B**  
**REGULATORY RECORDS DOCUMENTATION**



**APPENDIX C**  
**PIERS IDENTIFIED HAZARDOUS MATERIALS SITES**  
**RADIUS REPORT**





*IDENTIFIED HAZARDOUS MATERIALS SITES  
RADIUS REPORT FOR:*

*APN 019-310-002, Santa Ana Rd  
Hollister, CA 95023*

*Project #: 17162*



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## TABLE OF CONTENTS

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Subject Property Sites ..... Page 9

Surrounding Sites Details ..... Page 10

List of Unlocatable Sites ..... Page 24

Searched Databases ..... Page 25



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## ABOUT THIS REPORT

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The databases searched to compile the enclosed report are gathered from numerous federal, state and local governing environmental entities. All of the databases required to be searched by ASTM Standard E 1527 - Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process "Standard Environmental Records Sources" have been included in this report, and searched to the required distances from the subject property. Additionally, Cypress Technology Solutions, Inc (CTS) has acquired other valuable databases and integrated them into the Cypress STARReport System in order to provide more valuable information to our clients regarding hazardous materials storage and release sites within a one-mile radius from the subject property.

CTS has created a sophisticated data update system, keeping our report databases as current as possible (surpassing ASTM E1527 requirements). CTS consistently requests and updates data from each of the government agencies used to create this report. Depending on the type of database, records are updated at the agencies at varying intervals (daily, monthly, quarterly, semi-annually, or annually). An overall data update (including all available updates) is loaded into our specialized software on a quarterly basis. It should be clearly understood that this database/map report lists only reported and accurately entered sites. Numerous sites have yet to be discovered and therefore are not yet listed by any governmental agency. The most effective way to determine if a site may be listed by a government agency in the future is by performing a Transaction Screen or Phase I Environmental Site Assessment, which include a professional site inspection and review of historical records. This radius report satisfies only one subsection requirement found within the ASTM Phase I Environmental Site Assessment reporting requirements. This report should not be considered a Phase I Environmental Site Assessment. If no sites are found for a database searched, the database and its description are excluded from the report details so as to report recorded sites only. Sites that include erroneous or incomplete address information may not show up on the report. Every attempt is made to include a listing of these unlocated sites in the report where there is a possibility of their impacting the subject property, but no guaranty can be made.

CTS has used a technology called Geocoding to locate the sites on the map. While this technology is the standard of care in the industry and is generally reliable for well formatted, complete and correct addresses, due to the limitations of this technology no guaranty of the accuracy of site placement can be made.

For specific data inquiries or interpretations, environmental consultation, or to order Transaction Screen Reports, Phase I Environmental Site Assessment Reports, or other environmental reports, please contact us via email at [radiusreports@pierses.com](mailto:radiusreports@pierses.com), or via telephone at 408-559-1248. A full summary of our firm, including services offered and pricing can be viewed at [www.pierses.com](http://www.pierses.com).

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CTS has researched and obtained certain local, State and Federal environmental databases (Data) to assist its client's in meeting the requirements of ASTM Standards. CTS has obtained Data that is readily available and of adequate quality to be included in this report. As of the date of this report, there are certain Data that are either not yet available or are not of adequate quality and therefore are not included in this Report.



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SITE SUMMARY

|  | Subject<br>Property | Up to<br>1/8<br>mile | 1/8<br>mile to<br>1/4<br>mile | 1/4<br>mile to<br>1/2<br>mile | 1/2<br>mile to<br>1 mile | Total |
|--|---------------------|----------------------|-------------------------------|-------------------------------|--------------------------|-------|
|--|---------------------|----------------------|-------------------------------|-------------------------------|--------------------------|-------|

### DATABASES SEARCHED TO ONE MILE(S)

|                |   |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|---|
| <b>NPL</b>     | National Priority List (Superfund) Sites  | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>CORRACT</b> | Corrective Action Sites                   | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>TSD</b>     | Treatment, Storage and Disposal Sites     | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>DEFENSE</b> | Unused and Formerly Used Defense Sites    | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>BROWN</b>   | Brownfields Cleanup and Reuse Sites       | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>CSL</b>     | Contaminated Sites List                   | 0 | 0 | 0 | 0 | 8 | 8 |
| <b>DEED</b>    | Deed Restrictions/Environmental Covenants | 0 | 0 | 0 | 0 | 0 | 0 |

### DATABASES SEARCHED TO ONE-HALF MILE(S)

|                  |  |   |   |   |   |   |   |
|------------------|--|---|---|---|---|---|---|
| <b>SUPERFUND</b> | Superfund Database                     | 0 | 0 | 0 | 0 | - | 0 |
| <b>CONTROLS</b>  | Institutional and Engineering Controls | 0 | 0 | 0 | 0 | - | 0 |
| <b>LUST</b>      | Leaking Underground Storage Tanks      | 0 | 0 | 0 | 1 | - | 1 |
| <b>SWLF</b>      | Solid Waste Landfills                  | 0 | 0 | 0 | 0 | - | 0 |

### DATABASES SEARCHED TO ONE-QUARTER MILE(S)

|               |  |   |   |   |   |   |   |
|---------------|--|---|---|---|---|---|---|
| <b>WELLS</b>  | Water Wells                                      | 0 | 0 | 0 | - | - | 0 |
| <b>HAZMAT</b> | Hazardous Materials Storage and Incident Records | 0 | 0 | 0 | - | - | 0 |

### DATABASES SEARCHED TO ONE-EIGHTH MILE(S)

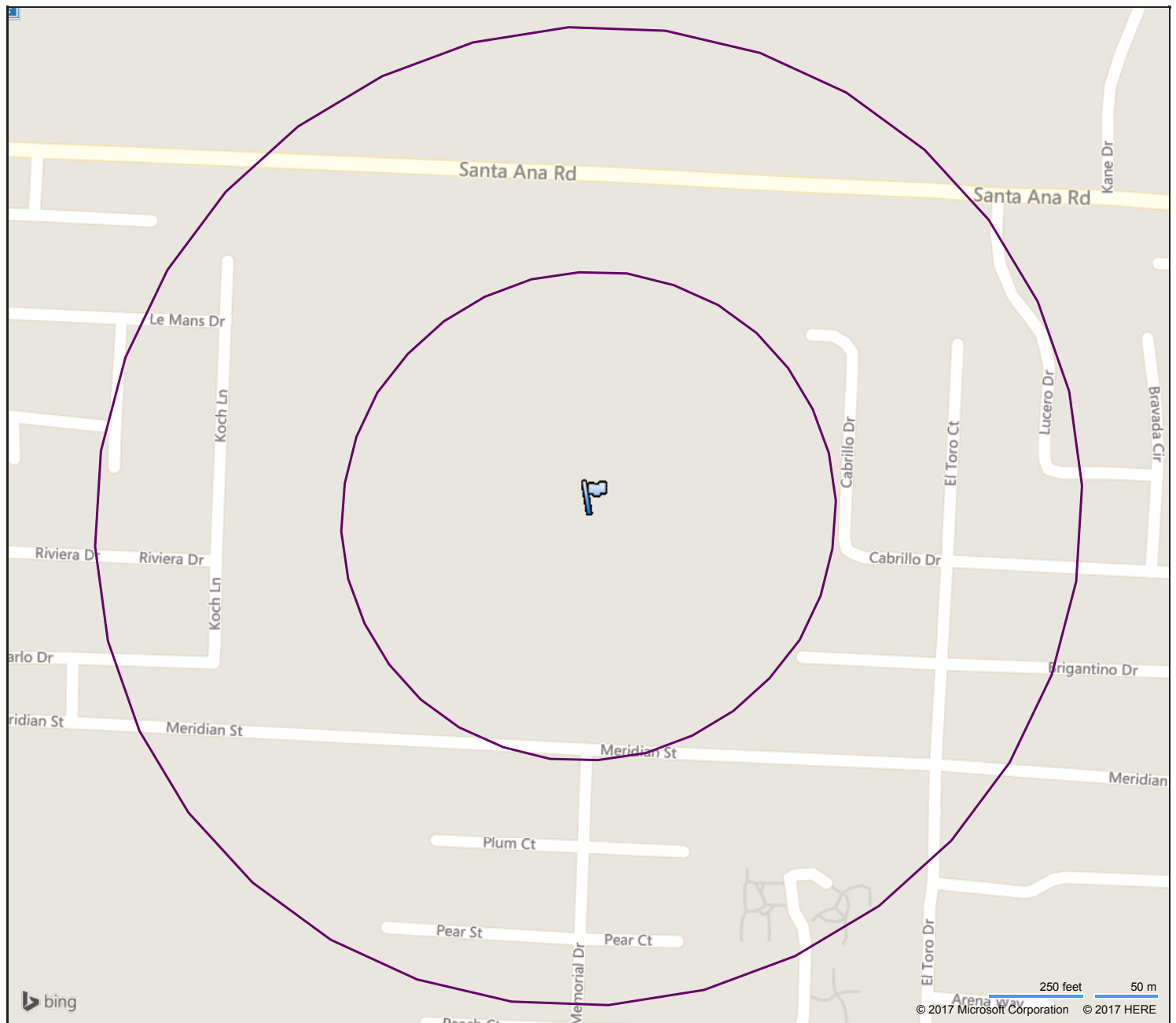
|                  |  |   |   |   |   |   |   |
|------------------|--|---|---|---|---|---|---|
| <b>ERNS</b>      | Emergency Response Notification System | 0 | 0 | - | - | - | 0 |
| <b>GENERATOR</b> | Small and Large Quantity Generators    | 0 | 0 | - | - | - | 0 |
| <b>UST</b>       | Underground Storage Tank Sites         | 0 | 0 | - | - | - | 0 |
| <b>AST</b>       | Aboveground Storage Tanks              | 0 | 0 | - | - | - | 0 |
| <b>EMISSIONS</b> | Air Emissions Sites                    | 0 | 0 | - | - | - | 0 |
| <b>HAZNET</b>    | Hazardous Waste Information System     | 0 | 0 | - | - | - | 0 |

Totals 0 0 0 1 8 9



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## QUARTER MILE MAP



- Site Searched to One-Eighth Mile
- Site Searched to One-Quarter Mile
- Site Searched to One-Half Mile
- Site Searched to One Mile
- Subject Property



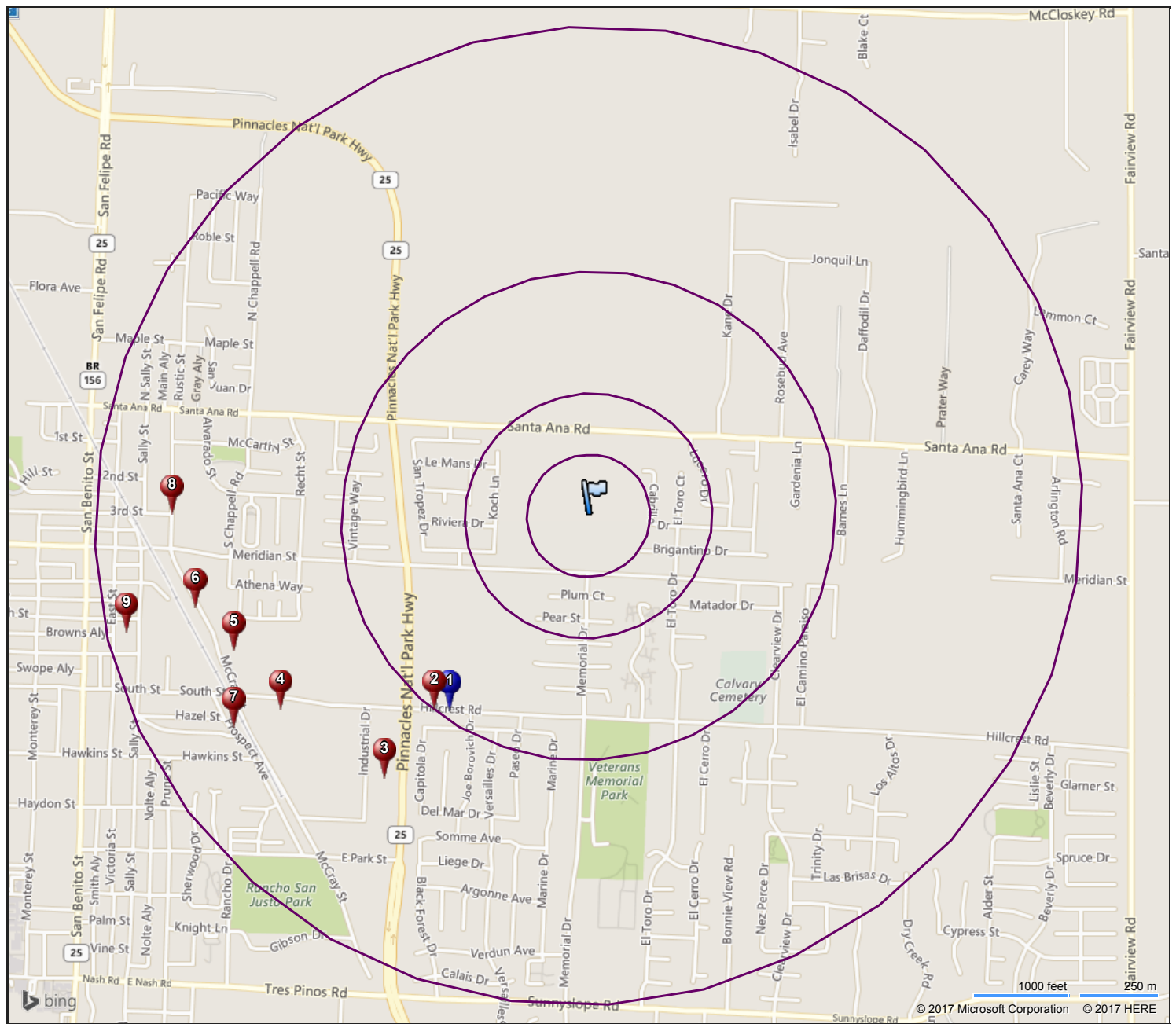
17162

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# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## ONE MILE MAP



- Site Searched to One-Eighth Mile
- Site Searched to One-Quarter Mile
- Site Searched to One-Half Mile
- Site Searched to One Mile
- 🏠 Subject Property



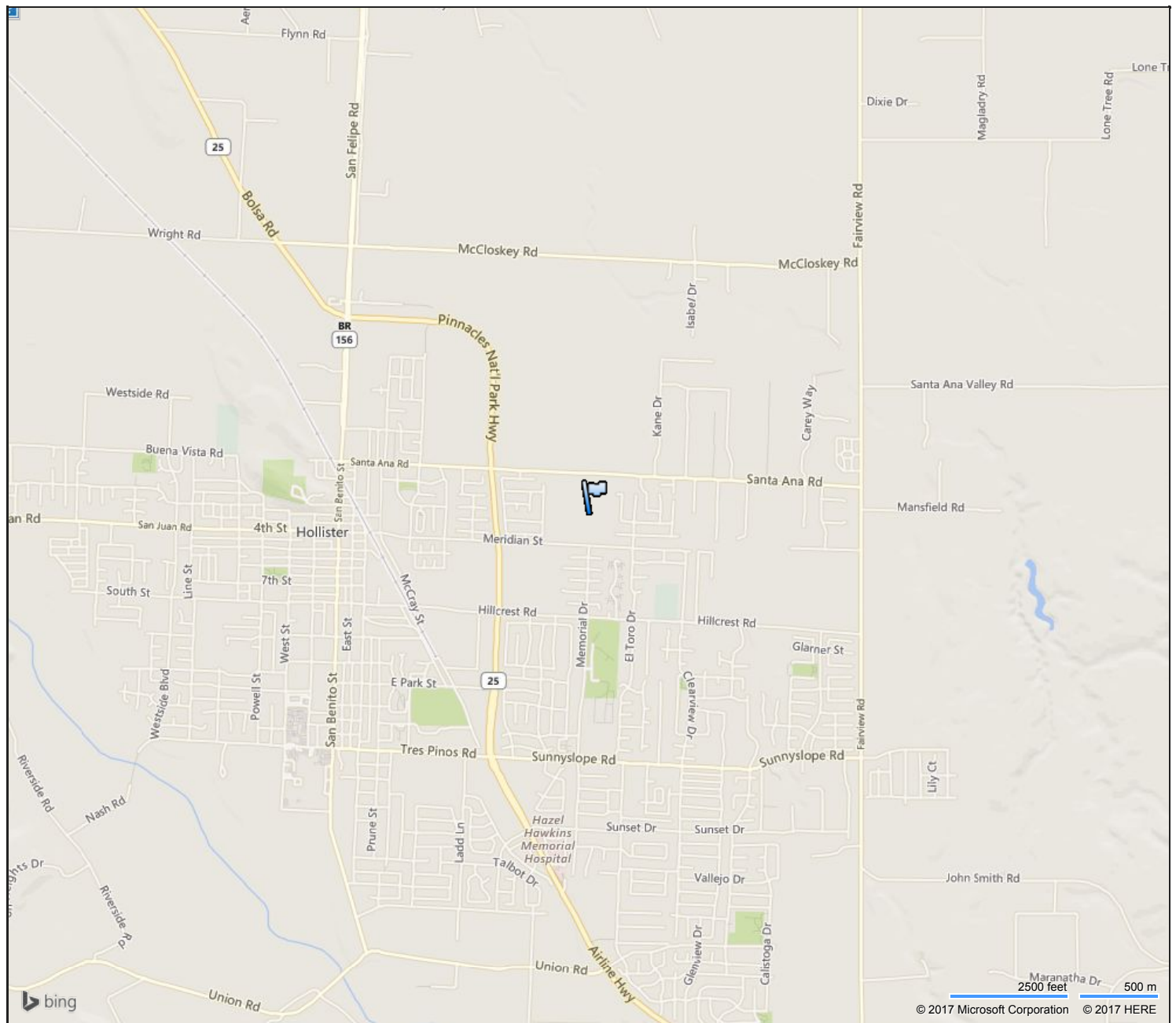
17162









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# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SITE VICINITY MAP



-   Site Searched to One-Eighth Mile
-   Site Searched to One-Quarter Mile
-   Site Searched to One-Half Mile
-   Site Searched to One Mile



17162

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# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS

## REPORT

### SITE DETAILS SUMMARY

| Map# | DB Type | Site Name/Status  | Address   | Dist/Dir             | Page |
|------|---------|---|---|----------------------|------|
| 1A   | LUST    | GUERRA NUT SHELLING CO/Completed - Case Closed                        | 190 HILLCREST RD, HOLLISTER, CA                 | 2571 ft / South West | 10   |
| 2A   | CSL     | Cerrato Property/Active   | 510 Hillcrest Road, HOLLISTER, CA               | 2665 ft / South West | 11   |
| 3A   | CSL     | SAN BENITO PLATING COMPANY/Refer: RCRA                                | 857 INDUSTRIAL DRIVE, HOLLISTER, CA             | 3572 ft / South West | 13   |
| 4A   | CSL     | EL CAMINO CROP SUPPLY/Certified                                       | 131 HILLCREST RD, HOLLISTER, CA                 | 3903 ft / South West | 14   |
| 5A   | CSL     | CAL AGRA, INC/Refer: RWQCB  | 640 MCCRAY STREET, HOLLISTER, CA                | 4080 ft / West       | 15   |
| 6A   | CSL     | GAF LEATHERBACK INDUSTRIES WAREHOUSE FACILITY/Completed - Case Closed | 544 MC CRAY STREET, HOLLISTER, CA               | 4342 ft / West       | 16   |
| 7A   | CSL     | RAILROAD TANK CAR/Refer: Other Agency                                 | PROSPECT & HAZEL, HOLLISTER, CA                 | 4435 ft / South West | 18   |
| 8A   | CSL     | RUSCONI BROS/Refer: Other Agency                                      | 3RD & SW CORNER OF MCCRAY STREET, HOLLISTER, CA | 4480 ft / West       | 19   |
| 9A   | CSL     | PG&E, Hollister MGP/Certified   | SALLY AND 6TH STREETS, CORNER OF, HOLLISTER, CA | 5116 ft / West       | 20   |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SUBJECT PROPERTY SITES

---

THERE ARE NO SUBJECT SITES HITS TO DISPLAY FOR THIS REPORT



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS

## REPORT

### SURROUNDING SITES DETAILS

|    |  |  |
|----|--|--|
| 1  | GUERRA NUT SHELLING CO<br>190 HILLCREST RD, HOLLISTER, CA<br>Records: 1A,  | Site ID: 1430745374<br>Distance: 2571 ft, South West |
| 1A | Type: Leaking Underground Storage Tanks (LUST)<br>Source: California State Water Resources Control Board's Geotracker Leaking<br>Underground Storage Tank list | Record ID: CALUSTCA-<br>T0606900025                  |

### RECORD DETAILS

|                               |   |                                   |  |
|-------------------------------|---|-----------------------------------|--|
| Street Number                 | 190   | Street Name                       | HILLCREST RD                                     |
| Case Type                     | LUST Cleanup Site                                 | Status                            | Completed - Case Closed                          |
| Status Date                   | 12/9/2010 12:00:00 AM                             | Cuf Case                          | NO   |
| Lead Agency                   | SAN BENITO COUNTY                                 | Local Agency                      | SAN BENITO COUNTY                                |
| Rb Case Number                | 68  | Potential Contaminants Of Concern | Gasol  |
| Potential Media Affected      | Soil  | Begin Date                        | 4/29/1988 12:00:00 AM                            |
| How Discovered                | Tank Closure                                      | Calwater Watershed Name           | Pajaro River - South Santa Clara Valley (305.30) |
| Dwr Groundwater Subbasin Name | Gilroy-Hollister Valley - Hollister Area (3-3.03) | Estimated Status                  | Closed case or No Further Action                 |

### SITE STATUS HISTORY

|        |                         |             |                     |
|--------|-------------------------|-------------|---------------------|
| Status | Open - Case Begin Date  | Status Date | 1988-04-29 00:00:00 |
| Status | Open - Site Assessment  | Status Date | 1988-05-05 00:00:00 |
| Status | Completed - Case Closed | Status Date | 1990-09-11 00:00:00 |
| Status | Open - Remediation      | Status Date | 1990-09-11 00:00:00 |
| Status | Completed - Case Closed | Status Date | 2010-12-09 00:00:00 |

### SITE REGULATORY ACTIVITIES

|             |                |      |                     |
|-------------|----------------|------|---------------------|
| Action Type | Other          | Date | 1988-04-29 00:00:00 |
| Action      | Leak Discovery |      |                     |
| Action Type | Other          | Date | 1988-04-29 00:00:00 |
| Action      | Leak Reported  |      |                     |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SURROUNDING SITES DETAILS

2

Cerrato Property  
510 Hillcrest Road, HOLLISTER, CA  
Records: 2A,

Site ID: -1382721775  
Distance: 2665 ft, South West

2A

Type: Contaminated Sites List (CSL)  
Source: California Department of Toxic Substances Control's EnviroStor list

Record ID: CAENSTOR-  
60001939

## RECORD DETAILS

|                                  |  |   |  |
|----------------------------------|--|---|--|
| <b>Site Type</b>                 | Voluntary Cleanup  | <b>Site Type Detailed</b>                   | Voluntary Cleanup  |
| <b>Acres</b>                     | 42   | <b>Apn</b>                                  | 054-350-045  |
| <b>National Priorities List</b>  | NO   | <b>Regulatory Agencies Involved</b>         | SMBRP  |
| <b>Lead Agency</b>               | SMBRP  | <b>Project Manager</b>                      | Nicole Yuen  |
| <b>Supervisor</b>                | Mark Piros   | <b>Division Branch</b>                      | Cleanup Berkeley   |
| <b>Site Code</b>                 | 201988   | <b>Congressional District</b>               | 20   |
| <b>Status</b>                    | Active   | <b>Status Date</b>                          | 2013-10-10 00:00:00  |
| <b>Past Uses</b>                 | AGRICULTURAL-ORCHARD   | <b>Restricted Use</b>                       | NO   |
| <b>Funding</b>                   | Responsible Party  | <b>Potential Media Affected Description</b> | Soil   |
| <b>Potential Coc Description</b> | Arsenic, Lead, TPH-diesel, TPH-MOTOR OIL, Dieldrin, Polynuclear aromatic hydrocarbons (PAHs), Benzo[b]fluoranthene, Benzo[a]pyrene, Dibenz[ah]anthracene | <b>Confirmed Coc Description</b>            | Arsenic, Lead, TPH-diesel, TPH-MOTOR OIL, Dieldrin, Polynuclear aromatic hydrocarbons (PAHs), Benzo[b]fluoranthene, Benzo[a]pyrene, Dibenz[ah]anthracene |
| <b>Site Mgmt Req Description</b> | NONE SPECIFIED   | <b>Estimated Status</b>                     | Case is Open   |

## ALIAS NAMES FOR SITES

|                   |                          |              |             |
|-------------------|--------------------------|--------------|-------------|
| <b>Alias Type</b> | APN                      | <b>Alias</b> | 054-350-045 |
| <b>Alias Type</b> | Project Code (Site Code) | <b>Alias</b> | 201988      |
| <b>Alias Type</b> | Envirostor ID Number     | <b>Alias</b> | 60001939    |

## COMPLETED ACTIONS

|                       |                       |                      |                  |
|-----------------------|-----------------------|----------------------|------------------|
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Work Notice      |
| <b>Completed Date</b> | 4/23/2014 12:00:00 AM | <b>Comments</b>      | A wor            |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Technical Report |
| <b>Completed Date</b> | 8/26/2014 12:00:00 AM |                      |                  |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS

## REPORT

### SURROUNDING SITES DETAILS

|                       |                        |                      |                                  |
|-----------------------|------------------------|----------------------|----------------------------------|
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Public Notice                    |
| <b>Completed Date</b> | 8/7/2015 12:00:00 AM   | <b>Comments</b>      | A pub                            |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Fieldwork                        |
| <b>Completed Date</b> | 10/27/2016 12:00:00 AM | <b>Comments</b>      | Remov                            |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Work Notice                      |
| <b>Completed Date</b> | 8/31/2016 12:00:00 AM  | <b>Comments</b>      | Work                             |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Fact Sheets                      |
| <b>Completed Date</b> | 8/7/2015 12:00:00 AM   | <b>Comments</b>      | A fac                            |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Application                      |
| <b>Completed Date</b> | 10/18/2013 12:00:00 AM |                      |                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Site Characterization Report     |
| <b>Completed Date</b> | 5/7/2013 12:00:00 AM   | <b>Comments</b>      | Phase                            |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Community Profile                |
| <b>Completed Date</b> | 5/13/2015 12:00:00 AM  |                      |                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Fieldwork                        |
| <b>Completed Date</b> | 5/1/2014 12:00:00 AM   | <b>Comments</b>      | The a                            |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Removal Action Workplan          |
| <b>Completed Date</b> | 12/16/2015 12:00:00 AM |                      |                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Remedial Investigation Workplan  |
| <b>Completed Date</b> | 4/24/2014 12:00:00 AM  |                      |                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Voluntary Cleanup Agreement      |
| <b>Completed Date</b> | 2/18/2014 12:00:00 AM  | <b>Comments</b>      | DTSC                             |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Annual Oversight Cost Estimate   |
| <b>Completed Date</b> | 10/15/2014 12:00:00 AM | <b>Comments</b>      | DTSC                             |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | CEQA - Responsible Agency Review |
| <b>Completed Date</b> | 12/16/2015 12:00:00 AM | <b>Comments</b>      | DTSC                             |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Annual Oversight Cost Estimate   |
| <b>Completed Date</b> | 10/21/2015 12:00:00 AM |                      |                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Annual Oversight Cost Estimate   |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SURROUNDING SITES DETAILS

|                |                       |          |      |
|----------------|-----------------------|----------|------|
| Completed Date | 9/23/2016 12:00:00 AM | Comments | DTSC |
|----------------|-----------------------|----------|------|

### FUTURE ACTIONS

|           |              |               |                                   |
|-----------|--------------|---------------|-----------------------------------|
| Area Name | PROJECT WIDE | Document Type | Certification                     |
| Due Date  | 2018         |               |                                   |
| Area Name | PROJECT WIDE | Document Type | Land Use Restriction              |
| Due Date  | 2017         |               |                                   |
| Area Name | PROJECT WIDE | Document Type | Remedial Action Completion Report |
| Due Date  | 2017         |               |                                   |

|   |   |  |
|---|---|--|
| 3 | SAN BENITO PLATING COMPANY<br>857 INDUSTRIAL DRIVE, HOLLISTER, CA<br>Records: 3A, | Site ID: -212337568<br>Distance: 3572 ft, South West |
|---|---|--|

|    |  |                              |
|----|--|------------------------------|
| 3A | Type: Contaminated Sites List (CSL)<br>Source: California Department of Toxic Substances Control's EnviroStor list | Record ID: CAENSTOR-35340005 |
|----|--|------------------------------|

### RECORD DETAILS

|                                      |   |                           |                               |
|--------------------------------------|---|---------------------------|-------------------------------|
| Site Type                            | Historical                                    | Site Type Detailed        | * Historical                  |
| Apn                                  | 0562700180                                    | National Priorities List  | NO                            |
| Regulatory Agencies Involved         | NONE SPECIFIED                                | Lead Agency               | NONE SPECIFIED                |
| Supervisor                           | Referred - Not Assigned                       | Division Branch           | Cleanup Berkeley              |
| Congressional District               | 20  | Special Program           | * Rural County Survey Program |
| Status                               | Refer: RCRA                                   | Status Date               | 1989-04-27 00:00:00           |
| Past Uses                            | NONE SPECIFIED                                | Restricted Use            | NO                            |
| Potential Media Affected Description | NONE SPECIFIED                                | Potential Coc Description | NONE SPECIFIED                |
| Confirmed Coc Description            | NONE SPECIFIED                                | Site Mgmt Req Description | NONE SPECIFIED                |
| Estimated Status                     | Referred to another agency. No longer updated |                           |                               |

### ALIAS NAMES FOR SITES

|            |                      |       |            |
|------------|----------------------|-------|------------|
| Alias Type | APN                  | Alias | 0562700180 |
| Alias Type | Envirostor ID Number | Alias | 35340005   |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS

## REPORT

### SURROUNDING SITES DETAILS

#### COMPLETED ACTIONS

|                |                       |               |                |
|----------------|-----------------------|---------------|----------------|
| Area Name      | PROJECT WIDE          | Document Type | Site Screening |
| Completed Date | 4/27/1989 12:00:00 AM | Comments      | SITE           |
| Area Name      | PROJECT WIDE          | Document Type | * Discovery    |
| Completed Date | 3/8/1989 12:00:00 AM  | Comments      | FACIL          |

|   |  |   |
|---|--|---|
| 4 | EL CAMINO CROP SUPPLY<br>131 HILLCREST RD, HOLLISTER, CA<br>Records: 4A, | Site ID: -1550383875<br>Distance: 3903 ft, South West |
|---|--|---|

|    |  |                              |
|----|--|------------------------------|
| 4A | Type: Contaminated Sites List (CSL)<br>Source: California Department of Toxic Substances Control's EnviroStor list | Record ID: CAENSTOR-35010002 |
|----|--|------------------------------|

#### RECORD DETAILS

|                              |                          |                                      |                                  |
|------------------------------|--------------------------|--------------------------------------|----------------------------------|
| Site Type                    | State Response           | Site Type Detailed                   | State Response or NPL            |
| Apn                          | 0562500040               | National Priorities List             | NO                               |
| Regulatory Agencies Involved | NONE SPECIFIED           | Lead Agency                          | NONE SPECIFIED                   |
| Division Branch              | Cleanup Berkeley         | Congressional District               | 20                               |
| Status                       | Certified                | Status Date                          | 1982-01-01 00:00:00              |
| Past Uses                    | MANUFACTURING-PESTICIDES | Restricted Use                       | NO                               |
| Funding                      | Responsible Party        | Potential Media Affected Description | Soil                             |
| Potential Coc Description    | Endosulfan               | Confirmed Coc Description            | Endosulfan                       |
| Site Mgmt Req Description    | NONE SPECIFIED           | Estimated Status                     | Closed case or No Further Action |

#### ALIAS NAMES FOR SITES

|            |                      |       |              |
|------------|----------------------|-------|--------------|
| Alias Type | APN                  | Alias | 0562500040   |
| Alias Type | EPA (FRS #)          | Alias | 110033616166 |
| Alias Type | Envirostor ID Number | Alias | 35010002     |

#### COMPLETED ACTIONS

|           |              |               |                              |
|-----------|--------------|---------------|------------------------------|
| Area Name | PROJECT WIDE | Document Type | Site Characterization Report |
|-----------|--------------|---------------|------------------------------|



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS

## REPORT

### SURROUNDING SITES DETAILS

|                |                       |               |                                  |
|----------------|-----------------------|---------------|----------------------------------|
| Completed Date | 2/17/1983 12:00:00 AM | Comments      | Result                           |
| Area Name      | PROJECT WIDE          | Document Type | Removal Action Completion Report |
| Completed Date | 11/4/1983 12:00:00 AM | Comments      | Serie                            |
| Area Name      | PROJECT WIDE          | Document Type | Certification                    |
| Completed Date | 11/4/1983 12:00:00 AM | Comments      | Certi                            |
| Area Name      | PROJECT WIDE          | Document Type | * Discovery                      |
| Completed Date | 8/2/1982 12:00:00 AM  | Comments      | Highw                            |

|    |  |  |
|----|--|--|
| 5  | CAL AGRA, INC<br>640 MCCRAY STREET, HOLLISTER, CA<br>Records: 5A,  | Site ID: -903577172<br>Distance: 4080 ft, West |
| 5A | Type: Contaminated Sites List (CSL)<br>Source: California Department of Toxic Substances Control's EnviroStor list | Record ID: CAENSTOR-35280010                   |

### RECORD DETAILS

|                                      |   |                           |                               |
|--------------------------------------|---|---------------------------|-------------------------------|
| Site Type                            | Historical                                    | Site Type Detailed        | * Historical                  |
| Apn                                  | NONE SPECIFIED                                | National Priorities List  | NO                            |
| Regulatory Agencies Involved         | NONE SPECIFIED                                | Lead Agency               | NONE SPECIFIED                |
| Supervisor                           | Referred - Not Assigned                       | Division Branch           | Cleanup Berkeley              |
| Congressional District               | 20  | Special Program           | * Rural County Survey Program |
| Status                               | Refer: RWQCB                                  | Status Date               | 1989-10-08 00:00:00           |
| Past Uses                            | NONE SPECIFIED                                | Restricted Use            | NO                            |
| Potential Media Affected Description | NONE SPECIFIED                                | Potential Coc Description | NONE SPECIFIED                |
| Confirmed Coc Description            | NONE SPECIFIED                                | Site Mgmt Req Description | NONE SPECIFIED                |
| Estimated Status                     | Referred to another agency. No longer updated |                           |                               |

### ALIAS NAMES FOR SITES

|            |                      |       |          |
|------------|----------------------|-------|----------|
| Alias Type | Envirostor ID Number | Alias | 35280010 |
|------------|----------------------|-------|----------|

### COMPLETED ACTIONS

|           |              |               |                |
|-----------|--------------|---------------|----------------|
| Area Name | PROJECT WIDE | Document Type | Site Screening |
|-----------|--------------|---------------|----------------|



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS

## REPORT

### SURROUNDING SITES DETAILS

|                       |                       |                      |             |
|-----------------------|-----------------------|----------------------|-------------|
| <b>Completed Date</b> | 3/8/1989 12:00:00 AM  | <b>Comments</b>      | FACIL       |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | * Discovery |
| <b>Completed Date</b> | 1/30/1989 12:00:00 AM | <b>Comments</b>      | FACIL       |

|           |  |   |
|-----------|--|---|
| <b>6</b>  | GAF LEATHERBACK INDUSTRIES WAREHOUSE FACILITY<br>544 MC CRAY STREET, HOLLISTER, CA<br>Records: 6A,                               | Site ID: -2132390562<br>Distance: 4342 ft, West |
| <b>6A</b> | Type: Contaminated Sites List (CSL)<br>Source: California State Water Resources Control Board's Geotracker Cleanup Program Sites | Record ID: CACSLIS-T10000001027                 |

### RECORD DETAILS

|  |   |                                      |   |
|--|---|--------------------------------------|---|
| <b>Street Number</b>                     | 544   | <b>Street Name</b>                   | MC CRAY STREET  |
| <b>Case Type</b>                         | Cleanup Program Site  | <b>Status</b>                        | Completed - Case Closed                                   |
| <b>Status Date</b>                       | 12/16/2015 12:00:00 AM  | <b>Cuf Case</b>                      | NO  |
| <b>Lead Agency</b>                       | CENTRAL COAST RWQCB (REGION 3)                                  | <b>Caseworker</b>                    | TT  |
| <b>Local Agency</b>                      | SAN BENITO COUNTY   | <b>File Location</b>                 | Regional Board  |
| <b>Potential Contaminants Of Concern</b> | Tetra   | <b>Potential Media Affected</b>      | Soil  |
| <b>Site History</b>                      | Low l   | <b>Begin Date</b>                    | 1/1/2000 12:00:00 AM                                      |
| <b>How Discovered</b>                    | Groundwater Monitoring, Property Sale/Transaction, Tank Closure | <b>How Discovered Description</b>    | Facility Closure Due Dilegence Investigation              |
| <b>Stop Method</b>                       | Close and Remove Tank, Remove Contents                          | <b>Stop Description</b>              | Facility Closure  |
| <b>Calwater Watershed Name</b>           | Pajaro River - South Santa Clara Valley (305.30)                | <b>Dwr Groundwater Subbasin Name</b> | Gilroy-Hollister Valley - San Juan Bautista Area (3-3.04) |
| <b>Estimated Status</b>                  | Closed case or No Further Action                                |                                      |   |

### SITE STATUS HISTORY

|               |                             |                    |                     |
|---------------|-----------------------------|--------------------|---------------------|
| <b>Status</b> | Open - Case Begin Date      | <b>Status Date</b> | 2000-01-01 00:00:00 |
| <b>Status</b> | Open - Referred             | <b>Status Date</b> | 2009-04-07 00:00:00 |
| <b>Status</b> | Open - Site Assessment      | <b>Status Date</b> | 2009-04-08 00:00:00 |
| <b>Status</b> | Open - Remediation          | <b>Status Date</b> | 2010-08-23 00:00:00 |
| <b>Status</b> | Open - Eligible for Closure | <b>Status Date</b> | 2014-01-17 00:00:00 |
| <b>Status</b> | Completed - Case Closed     | <b>Status Date</b> | 2015-12-16 00:00:00 |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SURROUNDING SITES DETAILS

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### SITE REGULATORY ACTIVITIES

|                    |   |             |                     |
|--------------------|---|-------------|---------------------|
| <b>Action Type</b> | Other   | <b>Date</b> | 2000-01-01 00:00:00 |
| <b>Action</b>      | Leak Began                                    |             |                     |
| <b>Action Type</b> | Other   | <b>Date</b> | 2009-02-23 00:00:00 |
| <b>Action</b>      | Leak Discovery                                |             |                     |
| <b>Action Type</b> | ENFORCEMENT                                   | <b>Date</b> | 2009-02-26 00:00:00 |
| <b>Action</b>      | Referral to Regional Board                    |             |                     |
| <b>Action Type</b> | Other   | <b>Date</b> | 2009-03-01 00:00:00 |
| <b>Action</b>      | Leak Stopped                                  |             |                     |
| <b>Action Type</b> | RESPONSE                                      | <b>Date</b> | 2009-03-31 00:00:00 |
| <b>Action</b>      | Site Investigation                            |             |                     |
| <b>Action Type</b> | Other   | <b>Date</b> | 2009-03-31 00:00:00 |
| <b>Action</b>      | Leak Reported                                 |             |                     |
| <b>Action Type</b> | ENFORCEMENT                                   | <b>Date</b> | 2009-04-17 00:00:00 |
| <b>Action</b>      | Technical Correspondence / Assistance / Other |             |                     |
| <b>Action Type</b> | ENFORCEMENT                                   | <b>Date</b> | 2009-05-06 00:00:00 |
| <b>Action</b>      | File review                                   |             |                     |
| <b>Action Type</b> | ENFORCEMENT                                   | <b>Date</b> | 2009-06-02 00:00:00 |
| <b>Action</b>      | Technical Correspondence / Assistance / Other |             |                     |
| <b>Action Type</b> | ENFORCEMENT                                   | <b>Date</b> | 2009-08-03 00:00:00 |
| <b>Action</b>      | File review                                   |             |                     |
| <b>Action Type</b> | RESPONSE                                      | <b>Date</b> | 2009-08-27 00:00:00 |
| <b>Action</b>      | Corrective Action Plan / Remedial Action Plan |             |                     |
| <b>Action Type</b> | ENFORCEMENT                                   | <b>Date</b> | 2009-09-16 00:00:00 |
| <b>Action</b>      | Technical Correspondence / Assistance / Other |             |                     |
| <b>Action Type</b> | ENFORCEMENT                                   | <b>Date</b> | 2009-09-22 00:00:00 |
| <b>Action</b>      | Technical Correspondence / Assistance / Other |             |                     |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SURROUNDING SITES DETAILS

|                    |   |             |                     |
|--------------------|---|-------------|---------------------|
| <b>Action Type</b> | RESPONSE  | <b>Date</b> | 2010-08-23 00:00:00 |
| <b>Action</b>      | Preliminary Site Assessment Report                          |             |                     |
| <b>Action Type</b> | ENFORCEMENT   | <b>Date</b> | 2010-12-09 00:00:00 |
| <b>Action</b>      | File review   |             |                     |
| <b>Action Type</b> | ENFORCEMENT   | <b>Date</b> | 2011-02-08 00:00:00 |
| <b>Action</b>      | Closure/No Further Action Letter                            |             |                     |
| <b>Action Type</b> | ENFORCEMENT   | <b>Date</b> | 2014-12-17 00:00:00 |
| <b>Action</b>      | Clean Up Fund - Case Closure Review<br>Summary Report (RSR) |             |                     |
| <b>Action Type</b> | ENFORCEMENT   | <b>Date</b> | 2015-01-15 00:00:00 |
| <b>Action</b>      | Notification - Public Notice of Case Closure                |             |                     |
| <b>Action Type</b> | ENFORCEMENT   | <b>Date</b> | 2015-12-16 00:00:00 |
| <b>Action</b>      | Closure/No Further Action Letter                            |             |                     |

7

RAILROAD TANK CAR  
PROSPECT & HAZEL, HOLLISTER, CA  
Records: 7A,

Site ID: 1631001834  
Distance: 4435 ft, South West

7A

Type: Contaminated Sites List (CSL)  
Source: California Department of Toxic Substances Control's EnviroStor list

Record ID: CAENSTOR-  
35400001

## RECORD DETAILS

|   |   |                                  |                               |
|---|---|----------------------------------|-------------------------------|
| <b>Site Type</b>                            | Historical                                    | <b>Site Type Detailed</b>        | * Historical                  |
| <b>Apn</b>                                  | NONE SPECIFIED                                | <b>National Priorities List</b>  | NO                            |
| <b>Regulatory Agencies Involved</b>         | NONE SPECIFIED                                | <b>Lead Agency</b>               | NONE SPECIFIED                |
| <b>Supervisor</b>                           | Referred - Not Assigned                       | <b>Division Branch</b>           | Cleanup Berkeley              |
| <b>Congressional District</b>               | 20  | <b>Special Program</b>           | * Rural County Survey Program |
| <b>Status</b>                               | Refer: Other Agency                           | <b>Status Date</b>               | 1989-05-25 00:00:00           |
| <b>Past Uses</b>                            | NONE SPECIFIED                                | <b>Restricted Use</b>            | NO                            |
| <b>Potential Media Affected Description</b> | NONE SPECIFIED                                | <b>Potential Coc Description</b> | NONE SPECIFIED                |
| <b>Confirmed Coc Description</b>            | NONE SPECIFIED                                | <b>Site Mgmt Req Description</b> | NONE SPECIFIED                |
| <b>Estimated Status</b>                     | Referred to another agency. No longer updated |                                  |                               |

## ALIAS NAMES FOR SITES

17162

18



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS

## REPORT

### SURROUNDING SITES DETAILS

|            |                      |       |          |
|------------|----------------------|-------|----------|
| Alias Type | Envirostor ID Number | Alias | 35400001 |
|------------|----------------------|-------|----------|

### COMPLETED ACTIONS

|                |                       |               |                |
|----------------|-----------------------|---------------|----------------|
| Area Name      | PROJECT WIDE          | Document Type | Site Screening |
| Completed Date | 5/24/1989 12:00:00 AM | Comments      | SITE           |
| Area Name      | PROJECT WIDE          | Document Type | * Discovery    |
| Completed Date | 5/3/1989 12:00:00 AM  | Comments      | FACIL          |

|   |   |  |
|---|---|--|
| 8 | RUSCONI BROS<br>3RD & SW CORNER OF MCCRAY STREET, HOLLISTER, CA<br>Records: 8A, | Site ID: -464376460<br>Distance: 4480 ft, West |
|---|---|--|

|    |  |                              |
|----|--|------------------------------|
| 8A | Type: Contaminated Sites List (CSL)<br>Source: California Department of Toxic Substances Control's EnviroStor list | Record ID: CAENSTOR-35510002 |
|----|--|------------------------------|

### RECORD DETAILS

|                              |                               |                                      |   |
|------------------------------|-------------------------------|--------------------------------------|---|
| Site Type                    | Historical                    | Site Type Detailed                   | * Historical                                  |
| Apn                          | NONE SPECIFIED                | National Priorities List             | NO  |
| Regulatory Agencies Involved | NONE SPECIFIED                | Lead Agency                          | NONE SPECIFIED                                |
| Supervisor                   | Referred - Not Assigned       | Division Branch                      | Cleanup Berkeley                              |
| Special Program              | * Rural County Survey Program | Status                               | Refer: Other Agency                           |
| Status Date                  | 1989-10-08 00:00:00           | Past Uses                            | NONE SPECIFIED                                |
| Restricted Use               | NO                            | Potential Media Affected Description | NONE SPECIFIED                                |
| Potential Coc Description    | NONE SPECIFIED                | Confirmed Coc Description            | NONE SPECIFIED                                |
| Site Mgmt Req Description    | NONE SPECIFIED                | Estimated Status                     | Referred to another agency. No longer updated |

### ALIAS NAMES FOR SITES

|            |                |       |                                  |
|------------|----------------|-------|----------------------------------|
| Alias Type | Alternate Name | Alias | ASSOCIATED OIL COMPANY           |
| Alias Type | Alternate Name | Alias | PHILLIPS PETROLEUM               |
| Alias Type | Alternate Name | Alias | TIDEWATER ASSOCIATED OIL COMPANY |
| Alias Type | Alternate Name | Alias | TIDEWATER OIL COMPANY            |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS

## REPORT

### SURROUNDING SITES DETAILS

|            |                      |       |                                 |
|------------|----------------------|-------|---------------------------------|
| Alias Type | Alternate Name       | Alias | UNION OIL COMPANY OF CALIFORNIA |
| Alias Type | Envirostor ID Number | Alias | 35510002                        |

### COMPLETED ACTIONS

|                |                      |               |                |
|----------------|----------------------|---------------|----------------|
| Area Name      | PROJECT WIDE         | Document Type | Site Screening |
| Completed Date | 4/7/1989 12:00:00 AM | Comments      | Site           |
| Area Name      | PROJECT WIDE         | Document Type | * Discovery    |
| Completed Date | 2/3/1989 12:00:00 AM | Comments      | FACIL          |

|   |  |  |
|---|--|--|
| 9 | PG&E, Hollister MGP<br>SALLY AND 6TH STREETS, CORNER OF, HOLLISTER, CA<br>Records: 9A, | Site ID: 1323942783<br>Distance: 5116 ft, West |
|---|--|--|

|    |  |                              |
|----|--|------------------------------|
| 9A | Type: Contaminated Sites List (CSL)<br>Source: California Department of Toxic Substances Control's EnviroStor list | Record ID: CAENSTOR-35490003 |
|----|--|------------------------------|

### RECORD DETAILS

|                           |  |                                      |   |
|---------------------------|--|--------------------------------------|---|
| Site Type                 | Voluntary Cleanup  | Site Type Detailed                   | Voluntary Cleanup   |
| Acres                     | 1.2  | Apn                                  | 0540310010  |
| National Priorities List  | NO   | Regulatory Agencies Involved         | SMBRP, RWQCB 3 - Central Coast                                    |
| Lead Agency               | SMBRP  | Project Manager                      | Henry Chui  |
| Supervisor                | Mark Piros   | Division Branch                      | Cleanup Berkeley  |
| Site Code                 | 201784   | Congressional District               | 20  |
| Status                    | Certified  | Status Date                          | 2014-06-20 00:00:00   |
| Past Uses                 | MANUFACTURED GAS PLANT                                     | Restricted Use                       | NO  |
| Funding                   | Responsible Party  | Potential Media Affected Description | Other Groundwater affected (uses other than drinking water), Soil |
| Potential Coc Description | Benzene, Polynuclear aromatic hydrocarbons (PAHs), Toluene | Confirmed Coc Description            | Benzene, Polynuclear aromatic hydrocarbons (PAHs), Toluene        |
| Site Mgmt Req Description | NONE SPECIFIED   | Estimated Status                     | Closed case or No Further Action                                  |

### ALIAS NAMES FOR SITES

|            |                |       |                               |
|------------|----------------|-------|-------------------------------|
| Alias Type | Alternate Name | Alias | PG&E - HOLLISTER              |
| Alias Type | Alternate Name | Alias | TOWN GAS PLANT - HOLLISTER #1 |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SURROUNDING SITES DETAILS

|            |                           |       |              |
|------------|---------------------------|-------|--------------|
| Alias Type | APN                       | Alias | 0540310010   |
| Alias Type | EPA Identification Number | Alias | CAD981415748 |
| Alias Type | EPA (FRS #)               | Alias | 110033610938 |
| Alias Type | GeoTracker Global ID      | Alias | T10000001702 |
| Alias Type | Project Code (Site Code)  | Alias | 200279       |
| Alias Type | Project Code (Site Code)  | Alias | 201784       |
| Alias Type | Envirostor ID Number      | Alias | 35490003     |

## COMPLETED ACTIONS

|                |                        |               |  |
|----------------|------------------------|---------------|--|
| Area Name      | PROJECT WIDE           | Document Type | Preliminary Endangerment Assessment Report |
| Completed Date | 7/31/1991 12:00:00 AM  | Comments      | Preli                                      |
| Area Name      | PROJECT WIDE           | Document Type | Site Screening                             |
| Completed Date | 5/4/1987 12:00:00 AM   | Comments      | EPA/C                                      |
| Area Name      | PROJECT WIDE           | Document Type | Remedial Investigation Workplan            |
| Completed Date | 12/12/2008 12:00:00 AM |               |  |
| Area Name      | PROJECT WIDE           | Document Type | Fieldwork                                  |
| Completed Date | 1/23/2009 12:00:00 AM  | Comments      | Field                                      |
| Area Name      | PROJECT WIDE           | Document Type | Remedial Investigation Report              |
| Completed Date | 12/1/2009 12:00:00 AM  |               |  |
| Area Name      | PROJECT WIDE           | Document Type | Public Notice                              |
| Completed Date | 1/13/2009 12:00:00 AM  |               |  |
| Area Name      | PROJECT WIDE           | Document Type | Community Profile                          |
| Completed Date | 6/22/2009 12:00:00 AM  | Comments      | The H                                      |
| Area Name      | PROJECT WIDE           | Document Type | Risk Assessment Report                     |
| Completed Date | 7/21/2011 12:00:00 AM  | Comments      | DTSC                                       |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SURROUNDING SITES DETAILS

|                       |                       |                      |  |
|-----------------------|-----------------------|----------------------|--|
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Fieldwork  |
| <b>Completed Date</b> | 1/10/2014 12:00:00 AM | <b>Comments</b>      | The f  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Remedial Action Completion Report                    |
| <b>Completed Date</b> | 6/20/2014 12:00:00 AM |                      |  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Fieldwork  |
| <b>Completed Date</b> | 2/18/2010 12:00:00 AM | <b>Comments</b>      | The f  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Remedial Investigation Report                        |
| <b>Completed Date</b> | 12/7/2010 12:00:00 AM |                      |  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Remedial Investigation Workplan                      |
| <b>Completed Date</b> | 12/1/2009 12:00:00 AM |                      |  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Remedial Investigation Workplan                      |
| <b>Completed Date</b> | 1/28/2010 12:00:00 AM | <b>Comments</b>      | The E  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Remedial Action Plan                                 |
| <b>Completed Date</b> | 2/19/2013 12:00:00 AM | <b>Comments</b>      | The F  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Site Characterization Report                         |
| <b>Completed Date</b> | 12/7/2010 12:00:00 AM |                      |  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Fact Sheets  |
| <b>Completed Date</b> | 11/7/2012 12:00:00 AM | <b>Comments</b>      | The f  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Public Notice  |
| <b>Completed Date</b> | 11/7/2012 12:00:00 AM | <b>Comments</b>      | The p  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Public Participation Plan / Community Relations Plan |
| <b>Completed Date</b> | 9/6/2012 12:00:00 AM  | <b>Comments</b>      | The P  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Site Characterization Workplan                       |
| <b>Completed Date</b> | 1/24/2012 12:00:00 AM | <b>Comments</b>      | DTSC   |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Work Notice  |
| <b>Completed Date</b> | 2/9/2012 12:00:00 AM  | <b>Comments</b>      | The w  |
| <b>Area Name</b>      | PROJECT WIDE          | <b>Document Type</b> | Work Notice  |
| <b>Completed Date</b> | 7/26/2013 12:00:00 AM | <b>Comments</b>      | A 7-d  |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS

## REPORT

### SURROUNDING SITES DETAILS

|                       |                        |                      |  |
|-----------------------|------------------------|----------------------|--|
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Design/Implementation Workplan         |
| <b>Completed Date</b> | 8/22/2013 12:00:00 AM  |                      |  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Other Report                           |
| <b>Completed Date</b> | 10/24/2013 12:00:00 AM |                      |  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Fact Sheets                            |
| <b>Completed Date</b> | 4/15/2013 12:00:00 AM  | <b>Comments</b>      | The f                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Work Notice                            |
| <b>Completed Date</b> | 3/5/2013 12:00:00 AM   | <b>Comments</b>      | The w                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Well Decommissioning Report            |
| <b>Completed Date</b> | 6/5/2013 12:00:00 AM   | <b>Comments</b>      | The r                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Voluntary Cleanup Agreement            |
| <b>Completed Date</b> | 4/15/2008 12:00:00 AM  | <b>Comments</b>      | VCA s                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | CEQA - Initial Study/ Neg. Declaration |
| <b>Completed Date</b> | 2/19/2013 12:00:00 AM  |                      |  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Certification                          |
| <b>Completed Date</b> | 6/20/2014 12:00:00 AM  |                      |  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Annual Oversight Cost Estimate         |
| <b>Completed Date</b> | 11/8/2011 12:00:00 AM  | <b>Comments</b>      | DTSC                                   |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Letter - Demand                        |
| <b>Completed Date</b> | 1/24/2012 12:00:00 AM  | <b>Comments</b>      | Deman                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Letter - Demand                        |
| <b>Completed Date</b> | 7/17/2012 12:00:00 AM  | <b>Comments</b>      | Deman                                  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Annual Oversight Cost Estimate         |
| <b>Completed Date</b> | 9/4/2012 12:00:00 AM   |                      |  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Annual Oversight Cost Estimate         |
| <b>Completed Date</b> | 9/19/2013 12:00:00 AM  |                      |  |
| <b>Area Name</b>      | PROJECT WIDE           | <b>Document Type</b> | Pre-HARP Form                          |
| <b>Completed Date</b> | 10/31/2013 12:00:00 AM | <b>Comments</b>      | Holli                                  |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## LIST OF UNLOCATABLE SITES

| Address   | Site Name(s)                             | Site Type(s) | Site ID(s)           |
|---|--|--------------|----------------------|
| San Justo Road, 2 Miles From San Juan Highway, HOLLISTER, CA                      | PG&E - San Justo Substation              | HAZMAT       | CACUPAHM-10136437    |
| N SIDE HWY 156, W SAN BENITO R, HOLLISTER, CA                                     | HOLLISTER DOMESTIC WWTP                  | HAZMAT       | CASWIMCA-3 350100001 |
| Hill Park Recreation Area, HOLLISTER, CA  | Verizon Wireless Hill Park               | HAZMAT       | CACUPAHM-10143499    |
| Bundeson Dr, HOLLISTER, CA  | City of Hollister Drinking Water Well #2 | HAZMAT       | CACUPAHM-10652623    |
| San Felipe Rd Hollister Airport, HOLLISTER, CA                                    | Lift Station                             | HAZMAT       | CACUPAHM-10652365    |
| Airline HWY, HOLLISTER, CA  | City of Hollister                        | HAZMAT       | CACUPAHM-10634371    |
| Fairview Road, 1.3 miles southeast of Dunneville, HOLLISTER, CA                   | PG&E - Pacheco Substation                | HAZMAT       | CACUPAHM-10136428    |
| Approximately mile north of Flora Ave., mile west of San Felipe Rd, HOLLISTER, CA | PG&E - Hollister Substation              | HAZMAT       | CACUPAHM-10136425    |



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SEARCHED DATABASES

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### NPL: NATIONAL PRIORITY LIST SITES

Sites which are found on the NPL database or the Proposed NPL database. NPL sites are a special category among National Superfund (CERCLA) Sites listed in the Environmental Protection Agency's (EPA) CERCLIS database. NPL sites are of serious, high concern and priority based on a national comparison to sites needing investigations and contamination cleanup activities (remediation). These sites, some of the worst in the nation, normally contain high levels of various contaminants that have spread over relatively long distances and usually require long term, highly expensive remediation technologies. Proposed NPL sites are of serious concern and are in the process of being evaluated for categorization as National Priority List sites. Delisted NPL sites have been removed (delisted) from the NPL if no further response or action is appropriate at the site, per EPA guidelines.

- US EPA's Superfund Enterprise Management System Database

### CORRACTS: CORRECTIVE ACTION SITES

CORRACTS (Corrective Action Sites) is a subset of data found within the Federal RCRA database (RCRIS) or other state database. RCRA Corrective Action is the process by which areas at a hazardous waste facility are evaluated and, if necessary, are cleaned up. Transportation, Storage and Disposal facilities are often also listed as CORRACTS facilities.

- U.S. Environmental Protection Agency's Corrective Action list

### TSD: TREATMENT, STORAGE AND DISPOSAL SITES

TSDs are subsets of data found within the Federal RCRA database (RCRIS) or other state database. TSD sites treat, store and/or dispose of hazardous materials and are federally permitted. TSD facilities are often also listed as CORRACTS facilities.

- California EPA's CUPA facilities database
- San Francisco Dept of Public Health HMUPA Facilities List
- U.S. Environmental Protection Agency's Treatment, Storage and Disposal list

### DEFENSE: FUDS AND DOD SITES

These sites are Formerly Used Defense Sites (FUDS) and Department of Defense (DOD sites). The U.S. Army Corps of Engineers and/or the U.S. Department of Defense is actively working or will be taking the necessary steps to address any cleanup activities needed on these properties.

- Army Corps of Engineers' Formerly Used Defense Munition Response Sites Layer
- Army Corps of Engineers' Formerly Used Defense Munitions Response Area Layer
- Army Corps of Engineers' Formerly Used Defense Properties Layer
- California Department of Toxic Substances Control's EnviroStor Formerly Used Defense Sites list
- California State Water Resources Control Board's Geotracker Military Site Cleanup List



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SEARCHED DATABASES

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### **BROWN: BROWNFIELDS CLEANUP AND REUSE DATABASE**

The U.S. Environmental Protection Agency (EPA) defines a Brownfield site as "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant." Common examples of Brownfield sites are abandoned gas stations and dry cleaners, railroad properties, factories, and closed military bases. Brownfield sites are located throughout the country, and the U.S. EPA as well as state governments have compiled a listing of these sites. Voluntary Cleanup Program Sites are sometimes also included in this category.

- EPA's Assessment, Cleanup And Redevelopment Exchange System (ACRES) database

### **CSL: CONTAMINATED SITES LIST**

State or Local Contaminated Sites databases. These databases include local and state-designated hazardous waste sites, spill sites, superfund sites, voluntary cleanup program sites and land disposal sites. In general, these sites are currently undergoing remediation for on site contamination, remediation has been completed and/or remediation is proposed. In states where a specific Contaminated Sites database is not maintained, the CERCLIS database will contain applicable information on contaminated sites.

- California Department of Toxic Substances Control's EnviroStor list
- California Department of Toxic Substances Control's Permitted Facilities and Corrective Actions
- California State Water Resources Control Board's Geotracker Cleanup Program Sites
- California State Water Resources Control Board's Geotracker Landfill Cleanups List

### **DEED: LIST OF DEED RESTRICTIONS**

The implementation of recorded land use restrictions within property deeds is one of the methods agencies use to protect the public from unsafe exposures to hazardous substances and wastes. Sites with deed restrictions are often contaminated, however levels of contaminants and methods used to control migration of contaminants are controlled and approved by the agency. These are also called Environmental Covenants or Use Restrictions

- California Department of Toxic Substances Control's Deed Restrictions list
- California DTSC's HWMP Land Use Restrictions List

### **SEMS: SUPERFUND DATABASE**

Sites which are found on the Superfund Enterprise Management System (SEMS) database. The SEMS database contains information on hazardous waste sites, site inspections, preliminary assessments, and remediation of hazardous waste sites under CERCLA (Superfund). The database contains general information on sites including location and status. This database includes those SEMS sites not included on the NPL or Proposed NPL databases. This includes archived sites determined to be "No Further Remedial Action Planned (NFRAP) sites are contained within this database. Archived sites may be properties where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action. The SEMS database is a newer version of the CERCLIS database and the current SEMS version does not export as much information as the CERCLIS database once did.

- US EPA's Superfund Enterprise Management System Database



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SEARCHED DATABASES

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### CONTROLS: INSTITUTIONAL AND ENGINEERING CONTROLS

U.S. EPA's and State Engineering Control Sites List and/or Institutional Control Sites List. The Engineering Control Sites list are facilities that have engineered controls in place, such as capping, containment, slurry walls, extraction wells and/or treatment methods that are intended to manage environmental and health risks by reducing contamination levels at a site, or limiting exposure pathways. The Institutional Control Sites list are administrative or legal devices, such as deed restrictions, to ensure that engineering controls stay in place and/or to ensure that land use restrictions stay in place.

- U.S. Environmental Protection Agency's Engineering Controls list

### LUST: LEAKING UNDERGROUND STORAGE TANKS

Leaking Underground Storage Tank records contain an inventory of reported leaking underground fuel storage tank incidents. Thousands of underground storage tanks have leaked within the United States, and both open and closed cases are reported on this list. These leaks can affect subsurface soils and groundwater. Both state and local agencies oversee and track these sites.

- California State Water Resources Control Board's Geotracker Leaking Underground Storage Tank list
- EPA Region 4 Tribal Underground Storage Tank List
- U.S. EPA's Region 1 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 10 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 5 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 6 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 7 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 8 Leaking Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 9 Leaking Underground Storage Tank list on Tribal lands

### SWLF - SOLID WASTE LANDFILLS

The SWLF database contains information on solid waste facilities, operations, and disposal sites. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

- California Integrated Waste Management Board's Landfill list
- Los Angeles County Methane Producing Landfills List
- Los Angeles County Public Health's Landfill list

### WELLS: WATER WELLS

Public Water Wells. Due to security reasons, limited information on public wells is available.

- Municipal Water Wells



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SEARCHED DATABASES

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### HAZMAT: HAZARDOUS MATERIALS STORAGE AND INCIDENT RECORDS

This data includes information on hazardous materials storage, use and disposal sites as well as incident reports, hazardous materials inventory and business plan documents, spills and releases.

- Alameda County Environmental Health CUPA List
- California EPA's CUPA facilities database
- California State Water Resources Control Board's Waste Discharge System list
- California State Water Resources Control Board's Waste Water Discharger list
- Contra Costa County's Site List
- Drug Enforcement Administration's Clandestine Drug Labs List
- Napa County's Local Oversight Program Hazardous Material Site list
- Napa County Hazardous Materials Inventory Database
- San Francisco Department of Public Health's Hazardous Material Site list
- San Mateo County Environmental Health's Business Inventory list
- U.S. Environmental Protection Agency's Toxics Release Inventory Database

### ERNS: EMERGENCY RESPONSE NOTIFICATION SYSTEM

Sites listed as having a reported release of oil and hazardous substances that have been called into the Federal and/or state agencies. Minor to major spills are reported and these cases are sometimes turned over to other regulatory agencies for further investigation.

- California Office of Emergency Services RIMS Database
- National Response Center's Emergency Response Notification System list
- Office of Hazardous Materials' Hazardous Materials Incident Database, 1993-2004
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2005-2006
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2007-2008
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2009
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2010
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2011
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2012
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2013
- Office of Hazardous Materials' Hazardous Materials Incident Database, 2015

### GENERATOR: SMALL AND LARGE HAZARDOUS MATERIALS GENERATORS

GENERATORS is a subset of data found within the Federal RCRA database (RCRIS) or other state GENERATORS list. RCRA GENERATORS are federally permitted generators of varying amounts of hazardous materials. A listing on the GENERATOR database does not directly indicate a release has occurred, only that the site generates hazardous materials.

- California EPA's CUPA facilities database
- Contra Costa County Health Services Facilities Database
- San Francisco Dept of Public Health HMUPA Facilities List
- U.S. Environmental Protection Agency's Hazardous Waste Generator list



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SEARCHED DATABASES

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### UST: UNDERGROUND STORAGE TANK SITES

The databases include permitted active, inactive and closed UST facilities recorded with the below mentioned agencies. A listing on the UST databases does not directly indicate a release has occurred, only that the site currently or historically contained an underground storage tank.

- California EPA's CUPA facilities database
- California State Water Resources Control Board's Underground Storage Tank list
- Contra Costa County Health Services Facilities Database
- El Segundo's Underground Storage Tank list
- EPA Region 4 Tribal Underground Storage Tank List
- Kern County's Underground Storage Tank list
- Marin County's Underground Storage Tank list
- Napa County's Local Oversight Program Underground Storage Tank list
- San Francisco Dept of Public Health HMUPA Facilities List
- Santa Cruz County Environmental Health Services' Site Mitigation list
- U.S. EPA's Region 1 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 10 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 2 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 5 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 6 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 7 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 8 Underground Storage Tank list on Tribal lands
- U.S. EPA's Region 9 Underground Storage Tank list on Tribal lands

### AST: ABOVEGROUND STORAGE TANK FACILITIES

Permitted active, inactive and closed AST facilities recorded with the state or local agencies are included. A listing on the AST database does not directly indicate a release has occurred, only that the site currently or historically contained an aboveground storage tank.

- California EPA's CUPA facilities database
- Contra Costa County Health Services Facilities Database



# IDENTIFIED HAZARDOUS MATERIALS SITES RADIUS REPORT

## SEARCHED DATABASES

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### EMISSIONS: AIR EMISSIONS SITES

Sites found on various air emissions databases like dry cleaners and related facilities that have air emissions permits with the state and/or local air quality district.

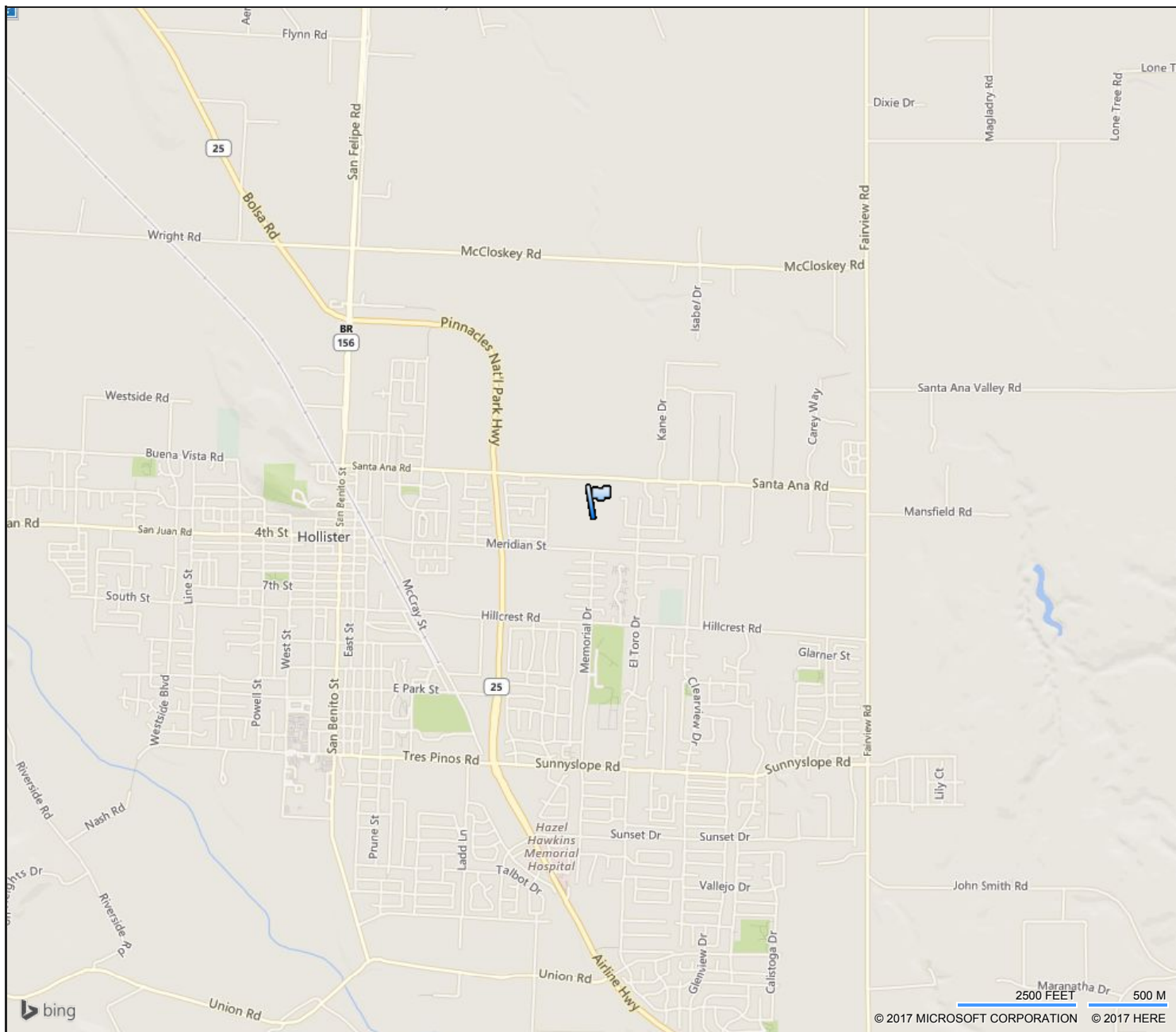
- Amador Air Quality Management District Dry Cleaner List
- Antelope Valley Air Quality Management District Dry Cleaner List
- Bay Area Air Quality Management District Dry Cleaner List
- Butte County Air Quality Management District Dry Cleaner List
- Calaveras County AQMD Drycleaners inventory
- Eastern Kern Air Quality Management District Dry Cleaner List
- El Dorado Air Quality Management District Dry Cleaner List
- Feather River Air Quality Management District Dry Cleaner List
- Fed EPA Integrated Compliance Information System` Drycleaner Extract
- Glenn Air Quality Management District Dry Cleaner List
- Imperial Air Quality Management District Dry Cleaner List
- Lake County AQMD Drycleaners inventory
- Mendocino County AQMD Drycleaners inventory
- Mojave Desert Air Quality Management District Dry Cleaner List
- Monterey Air Quality Management District Dry Cleaner List
- North Coast Air Quality Management District Dry Cleaner List
- Northern Sierra Air Quality Management District Dry Cleaner List
- Placer Air Quality Management District Dry Cleaner List
- Sacramento Air Quality Management District Dry Cleaner List
- San Diego Air Quality Management District Dry Cleaner List
- San Diego Air Quality Management District Retired Dry Cleaner List
- San Luis Obispo Air Quality Management District Dry Cleaner List
- Santa Barbara Air Quality Management District Dry Cleaner List
- South Coast AQMD Drycleaners inventory
- Stasta County AQMD Drycleaners inventory
- Tehama County AQMD Drycleaners inventory
- Tuolumne Air Quality Management District Dry Cleaner List
- Ventura Air Quality Management District Dry Cleaner List
- Yolo-Solano Air Quality Management District Dry Cleaner List

### HAZNET: HAZARDOUS WASTE INFORMATION SYSTEM

HAZNET databases track hazardous materials from "cradle to grave". Some of the sites listed are licensed transportation companies but most are facilities that have had hazardous materials transported off the site or have received hazardous materials

- California Department of Toxic Substance Controls's Hazardous Waste Transportation System 1993-2012 Tanner List. Includes Nationally relevant data!
- California Department of Toxic Substances Control's Hazardous Waste Transporters list
- California DTSC's Hazardous Waste Tracking System's Facilities List
- New Jersey Dept of Environmental Protection's Manifest Database





**FIGURE 1**  
**PROPERTY VICINITY MAP**

**APN 019-310-002, SANTA ANA RD  
HOLLISTER, CA 95023**

**MONDAY 24TH OF JULY, 2017**

PIERS ENVIRONMENTAL SERVICES  
1038 REDWOOD HWY., SUITE 100A, MILL VALLEY, CA 94941  
PHONE: 415-388-7900 FAX: 415-388-7909 WWW.PIERSES.COM



**APPENDIX D**  
**HISTORICAL RESEARCH DOCUMENTATION**





*First American Title*

## First American Title Company

260 Tres Pinos Road, Suite A2  
Hollister, CA 95023

E-Mail Loan Documents to: Lenders please contact the Escrow Officer for email address for sending loan documents.

Property: No Situs Found  
Hollister, CA 95023

### PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

**Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.**

**It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.**

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.



Dated as of March 17, 2017 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

JOAN M. ROSATI, TRUSTEE OF THE JOAN ROSATI LIVING TRUST, UDT DATED OCTOBER 2, 2013; AND STEPHEN JOSEPH ROSATI, A MARRIED MAN AS HIS SOLE AND SEPARATE PROPERTY; AND JEANNE A. ROSATI, A SINGLE WOMAN; AND JOHN A. ROSATI, A MARRIED MAN AS HIS SOLE AND SEPARATE PROPERTY, AS THEIR INTEREST MAY APPEAR OF RECORD.

The estate or interest in the land hereinafter described or referred to covered by this Report is:

FEE

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2017-2018, a lien not yet due or payable.
2. General and special taxes and assessments for the fiscal year 2016-2017.

|                     |                 |
|---------------------|-----------------|
| First Installment:  | \$925.04, PAID  |
| Penalty:            | \$0.00          |
| Second Installment: | \$925.04, OPEN  |
| Penalty:            | \$0.00          |
| Tax Rate Area:      | 067016          |
| A. P. No.:          | 019-310-002-000 |
3. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.
4. An easement for PIPELINES and incidental purposes, recorded November 06, 1979 as [BOOK 447, PAGE 405](#) AND INSTRUMENT NO. 152267 OF OFFICIAL RECORDS.

|              |                      |
|--------------|----------------------|
| In Favor of: | CITY OF HOLLISTER    |
| Affects:     | as described therein |



5. A notice of assessment recorded December 23, 1992 as Instrument No. [9212662](#) of Official Records, executed by CITY OF HOLLISTER.
6. An easement for PUBLIC UTILITY and incidental purposes, recorded August 10, 1993 as INSTRUMENT NO. [9308025 OF](#) OFFICIAL RECORDS.  
In Favor of: CITY OF HOLLISTER  
Affects: The Northerly 10 feet of the Southerly 52.04 feet of said land.
7. The effect of a map purporting to show the land and other property, filed [Book 15, page 73](#) of Record of Surveys.
8. The terms and provisions contained in the document entitled "DEED RESTRICTION" recorded July 14, 2015 as INSTRUMENT NO. [2015-0006804](#) of Official Records.
9. Any right, title or interest of the spouse (if any) of any married person herein.
10. Water rights, claims or title to water, whether or not shown by the public records.
11. Rights of the public in and to that portion of the land lying within any Road, Street, Alley or Highway.
12. Any claim that the Title is subject to a trust or lien created under The Perishable Agricultural Commodities Act, 1930 (7 U.S.C. §§499a, et seq.) or the Packers and Stockyards Act (7 U.S.C. §§181 et seq.) or under similar state laws.
13. Rights of parties in possession.

**Prior to the issuance of any policy of title insurance, the Company will require:**

14. A deed from the spouse of any married person herein be recorded in the public records, or the joinder of the spouse of any married person named herein on any conveyance, encumbrance or lease to be executed by said married person.
15. With respect to the trust referred to in the vesting:
  - a. A certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company.
  - b. Copies of those excerpts from the original trust documents and amendments thereto which designate the trustee and confer upon the trustee the power to act in the pending transaction.
  - c. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.



|                            |
|----------------------------|
| <b>INFORMATIONAL NOTES</b> |
|----------------------------|

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

1. According to the latest available equalized assessment roll in the office of the county tax assessor, there is located on the land a(n) COMMERCIAL STRUCTURE known as NO SITUS FOUND, HOLLISTER, CALIFORNIA.
2. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:  
  
None
3. We find no open deeds of trust. Escrow please confirm before closing.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.



### LEGAL DESCRIPTION

Real property in the unincorporated area of the County of San Benito, State of California, described as follows:

THAT PART OF THE NORTH HALF OF HOMESTEAD LOT 26 OF THE SAN JUSTO RANCHO AS SUBDIVIDED BY THE SAN JUSTO HOMESTEAD ASSOCIATION, ACCORDING TO THE MAP THEREOF FILED JULY 21, 1876 IN [BOOK 1 OF MAPS, PAGE 64](#) IN THE OFFICE OF THE RECORDER OF SAID COUNTY OF SAN BENITO, PARTICULARLY DESCRIBED AS FOLLOWS, TO - WIT:

BEGINNING AT A 1" PIPE IN THE NORTHEAST CORNER OF LANDS OF JOHN DOWDY AND IN THE SOUTH LINE OF THE HOLLISTER AND SANTA ANA ROAD; SAID 1" PIPE BEING IN THE NORTHWEST CORNER OF LANDS OF ANGELO GILA AS DESCRIBED IN THAT SAID DEED FROM JOHN DOWDY AND MARGARET E. DOWDY, HUSBAND AND WIFE, TO ANGELO GILA, DATED NOVEMBER 17, 1922 AND RECORDED ON JANUARY 2, 1923 IN [VOLUME 69 OF DEEDS, AT PAGE 85](#), IN THE OFFICE OF THE RECORDER OF SAID COUNTY OF SAN BENITO; RUNNING THENCE FROM SAID POINT OF BEGINNING ALONG THE LINE BETWEEN LANDS OF JOHN DOWDY AND ANGELO GILA (SAID LINE BEING THE WESTERLY LINE DESCRIBED IN SAID DEED FROM DOWDY TO GILA) SOUTH 1° 19' WEST 1511.45 FEET TO A 1-1/4" PIPE IN THE SOUTHEAST CORNER OF LANDS OF JOHN DOWDY (ALSO BEING THE SOUTHWEST CORNER OF LANDS OF ANGELO GILA AS DESCRIBED IN SAID DEED FROM DOWDY TO GILA); THENCE ALONG THE SOUTH LINE OF LANDS OF JOHN DOWDY, NORTH [85°](#) 21' WEST 698.16 FEET TO A 3/4" PIPE; THENCE NORTH 2° 05' EAST 1512.88 FEET TO A 3/4" PIPE IN THE SOUTH LINE OF THE HOLLISTER AND SANTA ANA ROAD; THENCE ALONG THE SAID SOUTH LINE OF SAID ROAD SOUTH 86° 54' EAST 695 FEET, TO THE POINT OF BEGINNING.

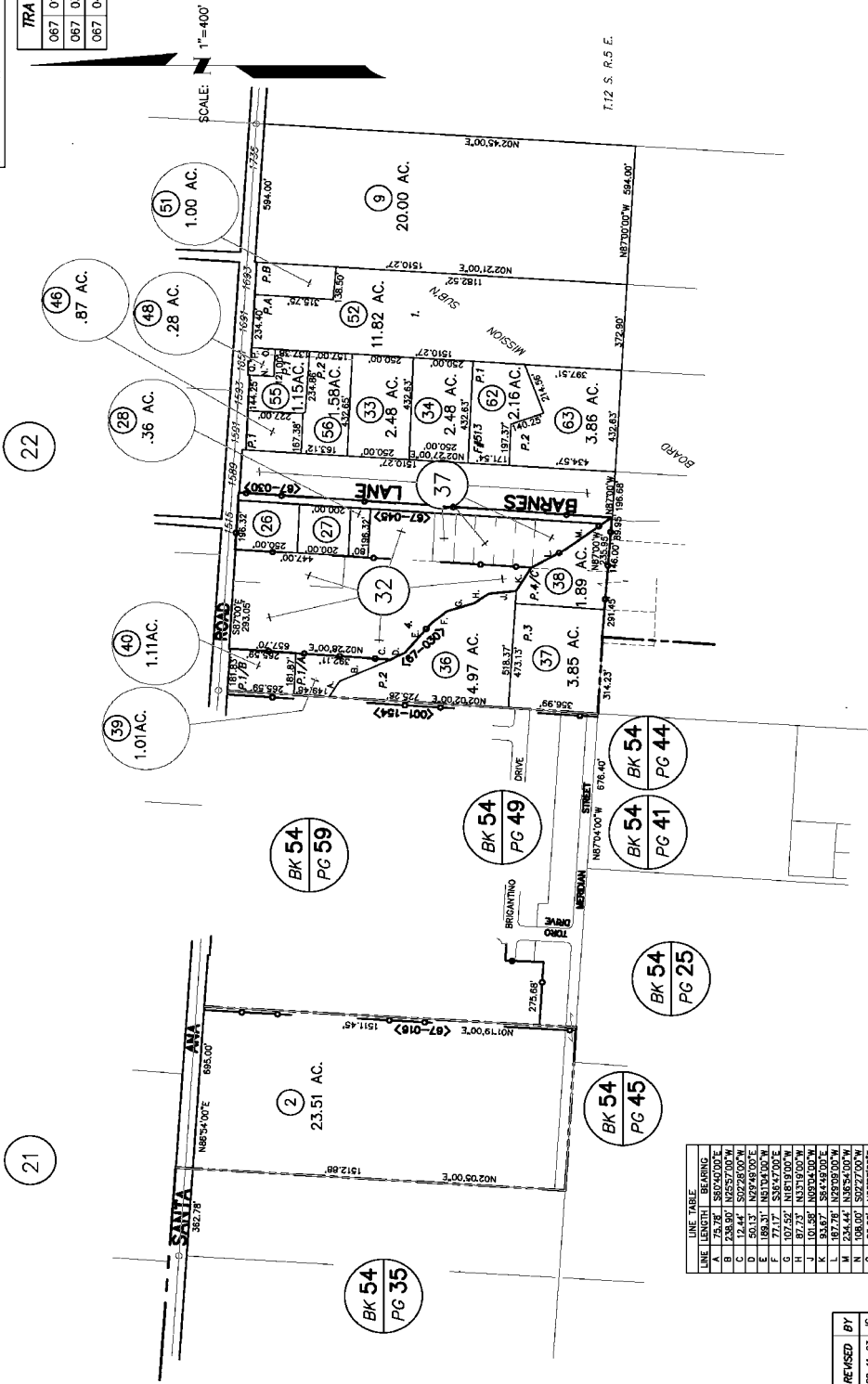
APN: 019-310-002-000



BOOK 019 PAGE 31

THIS MAP IS NOT AN OFFICIAL DOCUMENT AND IS USED FOR ASSESSMENT PURPOSES ONLY.

|         |
|---------|
| TRA     |
| 067 016 |
| 067 030 |
| 067 045 |



| LINE | LENGTH | BEARING     |
|------|--------|-------------|
| A    | 75.78  | S89°40'00"E |
| B    | 238.90 | N76°57'00"W |
| C    | 12.44  | S02°28'00"W |
| D    | 50.13  | N07°29'00"E |
| E    | 10.13  | N07°29'00"E |
| F    | 77.17  | S84°47'00"E |
| G    | 107.52 | N18°10'00"W |
| H    | 87.23  | N33°19'00"W |
| I    | 10.49  | S04°40'00"E |
| J    | 10.49  | S04°40'00"E |
| K    | 187.78 | N29°00'00"W |
| L    | 234.44 | N38°54'00"W |
| M    | 108.00 | S02°27'00"W |
| N    | 84.00  | N62°22'00"E |
| O    | 84.00  | N62°22'00"E |
| P    | 84.00  | N62°22'00"E |
| Q    | 84.00  | N62°22'00"E |

| REVISED  | BY |
|----------|----|
| 02-11-03 | AC |
| 09-04-08 | HE |
| 04-12-10 | SD |
| 08-04-14 | SD |
| 08-10-14 | SD |

SAN JUSTO HOMESTEAD ASS'N DIST.  
ASSESSOR'S OFFICE, COUNTY OF SAN BENITO, CA.



***NOTICE***

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.



## INCOMING DOMESTIC WIRE INSTRUCTIONS

**Beware of cyber-crime!** If you receive an e-mail or any other communication that appears to be generated from a First American Title Company employee that contains new, revised or altered bank wire instructions, consider it suspect and call our office at a number you trust.

### **\*\* Our Wire Instructions Do Not Change. \*\***

**Funds from other than buyer or seller:** Other than funds from a designated lender, real estate agent or broker, or the attorney of record, we will only accept incoming wires that are from the buyer or seller on a transaction. Other third party deposits not accompanied by appropriate instructions will be returned to the remitter.

**Funds from a U.S. Bank:** Funds should be wired from a bank within the United States. Notify our office at (831)637-8410 when you have transmitted your wire.

**Funds from a non-U.S. Bank:** If your funds are being wired from a non-U.S. bank, additional charges may apply. Contact our office for Incoming International Wiring Instructions.

**ACH Transfers are NOT wire transfers:** An ACH transfer is not immediately available funds and requires additional time for clearance. An ACH transfer cannot be accepted for an imminent closing. Acceptance of ACH transfers are subject to state law. Contact our office at (831)637-8410 prior to sending funds by ACH transfer.

Contact our office at (831)637-8410 when funds are sent.

PAYABLE TO: First American Title Company  
BANK: First American Trust, FSB  
ADDRESS: 5 First American Way, Santa Ana, CA 92707  
ACCOUNT NO.: 3136650000  
ROUTING NUMBER: 122241255

PLEASE REFERENCE THE FOLLOWING:

PROPERTY: No Situs Found, Hollister, CA 95023  
FILE NUMBER: 4410-5410620 (LC)

FIRST AMERICAN TRUST, FSB CONTACT INFO: Banking Services (877)600-9473

**WIRES MAY BE RETURNED IF THE FILE NUMBER  
AND PROPERTY REFERENCE ARE NOT INCLUDED**



**EXHIBIT A**  
**LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)**

**CLTA STANDARD COVERAGE POLICY – 1990**

**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
  - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy; or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

**EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.  
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public, records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.



**CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)**  
**EXCLUSIONS**

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
  - a. building;
  - b. zoning;
  - c. land use;
  - d. improvements on the Land;
  - e. land division; and
  - f. environmental protection.

This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.

2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
  - a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
  - b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
  - c. that result in no loss to You; or
  - d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
  - a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
  - b. in streets, alleys, or waterways that touch the Land.

This Exclusion does not limit the coverage described in Covered Risk 11 or 21.

7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

**LIMITATIONS ON COVERED RISKS**

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

|                  | <u>Your Deductible Amount</u>   | <u>Our Maximum Dollar Limit of Liability</u> |
|------------------|---|--|
| Covered Risk 16: | 1% of Policy Amount Shown in Schedule A or \$2,500<br>(whichever is less) | \$10,000                                     |
| Covered Risk 18: | 1% of Policy Amount Shown in Schedule A or \$5,000<br>(whichever is less) | \$25,000                                     |
| Covered Risk 19: | 1% of Policy Amount Shown in Schedule A or \$5,000<br>(whichever is less) | \$25,000                                     |
| Covered Risk 21: | 1% of Policy Amount Shown in Schedule A or \$2,500<br>(whichever is less) | \$5,000                                      |

**2006 ALTA LOAN POLICY (06-17-06)**  
**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;



- (ii) the character, dimensions, or location of any improvement erected on the Land;
- (iii) the subdivision of land; or
- (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

#### EXCEPTIONS FROM COVERAGE

[Except as provided in Schedule B - Part II, [ t[or T]his policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

##### [PART I

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.]

##### PART II

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:]

#### 2006 ALTA OWNER'S POLICY (06-17-06)

##### EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or



- (iv) environmental protection;  
or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
- 2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
- 3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 or 10); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
- 4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
- 5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

#### EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

- 1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
- 2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
- 3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
- 4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
- 5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
- 6. Any lien or right to a lien for services, labor or material not shown by the Public Records.
- 7. [Variable exceptions such as taxes, easements, CC&R's, etc. shown here.]

#### ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (12-02-13)

#### EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

- 1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;



or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.





## *First American Title*

### **Privacy Information**

#### **We Are Committed to Safeguarding Customer Information**

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

#### **Applicability**

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

#### **Types of Information**

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

#### **Use of Information**

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

#### **Former Customers**

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

#### **Confidentiality and Security**

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

#### **Information Obtained Through Our Web Site**

First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.

In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.

There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

#### **Business Relationships**

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

#### **Cookies**

Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.

[FirstAm.com](http://FirstAm.com) uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

#### **Fair Information Values**

**Fairness** We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.

**Public Record** We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.

**Use** We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.

**Accuracy** We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.

**Education** We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.

**Security** We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.



**APPENDIX E**  
**INTERVIEW DOCUMENTATION**



\* see statement on Page 5

**PIERS ENVIRONMENTAL SERVICES**  
**ENVIRONMENTAL QUESTIONNAIRE / DISCLOSURE STATEMENT**  
**AND PROPERTY OBSERVATION FORM**

**SUBJECT SITE ADDRESS:**

APA 019-310-002  
 Santa Rita Road, Hollister, CA

**PERSON INTERVIEWED:**

Stephen J. Rosati

**TITLE:**

Owner, partner

**DATE:**

7-25-17

If you indicate an affirmative response (YES) to any of the below listed questions, please attach a separate sheet with details explaining the issue.

| QUESTION  | USER / OR KEY SITE MANAGER                                  | OWNER  | TENANT  | PM OBSERVED  |
|---|---|--|---|--|
| 1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 2. Are you aware of any AULs, (Activity and Land Use Limitations), such as, engineering controls, land use restrictions or institutional controls that are in place at the site and/ or have been filed or recorded in a registry under federal, tribal, state or local law?  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 3. Do you have any specialized knowledge, specific information and/or direct experience in relation to hazardous chemicals (types, quantities, processes, disposal techniques) used at the property or nearby properties?<br>*Petroleum products for tractors.<br>Sprays for growing apricots                           | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| * Does the price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?<br>*possible cleanup of petroleum | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO            |

products and past use of sprays considered.



| QUESTION   | USER / OR<br>KEY SITE<br>MANAGER                                | OWNER  | TENANT  | PM<br>OBSERVED   |
|--|---|--|---|--|
| <p>5. Are you aware of any known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example: Do you know the past uses of the property?</p> <p><i>*Apricot orchard currently fallow for ~ 22 years.</i></p> | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <p><i>orchard</i></p> <input checked="" type="checkbox"/> YES<br><br><input type="checkbox"/> NO |
| <p>5A. Do you know the specific chemicals that are present or once were present at the property?</p> <p><i>Possibly sulfur, Ortho 7, GUTHION, Leaf Life Foliar Nutrient</i></p>  | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO            | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO                       |
| <p>5B. Do you know of spills or other chemicals releases that have taken place on the property?</p>  | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO                       |
| <p>5C. Do you know of any environmental cleanups that have taken place on the property?</p>  | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO                       |
| <p>5D. Do you know of any environmental violations in connection with the Property?</p>  | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO                       |
| <p>6. Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?</p>  | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO                       |
| <p>7. Is the property or any adjoining property currently used for an industrial use?</p>  | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO                       |
| <p>7A) Did you observe evidence or do you have any prior knowledge that the property or adjoining property has been used for an industrial use in the past?</p>  | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO                       |
| <p>8. Is the property or adjoining property currently or previously used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard, landfill, waste treatment, storage, disposal, processing, or recycling facility?</p>   | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><br><input checked="" type="checkbox"/> NO                       |



| QUESTION  | USER / OR<br>KEY SITE<br>MANAGER                            | OWNER  | TENANT  | PM<br>OBSERVED   |
|---|---|--|---|--|
| 9. Are there currently or were there previously any discarded auto or industrial batteries, or other chemicals > 5 gal in volume or 50 gallons in the aggregate on site?  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 10. Did you observe evidence or do you have prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site or that is of an unknown origin?   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 11. Are there currently or were there previously any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 12. Is there currently, or was there previously any stained soil located on the Property? <i>*Petroleum products used on tractors in shed.</i>  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 13. Are there currently or were there previously any registered or unregistered storage tanks (above or underground) located on the property? <i>*ONE ABOVE ground ~ 100 gallon gasoline storage tank and one above ground smudge oil storage tank, ~ 100 gallon.</i>       | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 14. Are there currently or were there previously any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 15. Is there currently or was there previously evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property? <i>* leaks of petroleum products in shed</i> | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |



| QUESTION  | USER / OR<br>KEY SITE<br>MANAGER                            | OWNER  | TENANT  | PM<br>OBSERVED   |
|---|---|--|---|--|
| 16. If the property is served by a private well or non-public water system, do you have any knowledge that contaminants have been identified in the well or system that exceed allowable limits ?   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES<br><del>NO</del>               | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES<br><del>NO</del>               |
| 17. Do you know of any past, threatened, pending, violations of environmental laws, lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property? | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 18. Have you been informed of the current or past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 19. Do you have any knowledge of any environmental assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?                            | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 20. Does the property discharge any waste water (not including sanitary waste or storm water) onto the property or adjacent property and/or into a sanitary sewer system or storm water system?   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 21. Is there a transformer, capacitor, or any hydraulic equipment, for which there are any records indicating the presence of PCBs?   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 22. Have any hazardous substances or petroleum products, tires, auto or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the property?  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |



| QUESTION  | USER / OR<br>KEY SITE<br>MANAGER                            | OWNER  | TENANT  | PM<br>OBSERVED   |
|---|---|--|---|--|
| 23. Are there currently or were there previously any water monitoring wells located on the property?                          | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |
| 24. Are there currently or were there previously any water monitoring wells located on any adjacent and/or nearby properties? | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES<br><input type="checkbox"/> NO | <input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO |

**Why are you having this project performed? (Please Check One)**

To qualify for LLP under CERCLA? ☐

To understand potential environmental conditions impacting the use of the property? ☒

Other, please state: ☐

**What type of transaction is taking place? (Please Check One)**

☒ Purchase

☐ Refinance

☐ Exchange

☐ Other

**By signing this form below, I represent to the best of my knowledge, that the above facts and statements are true and correct and to the best of my knowledge no material facts have been suppressed or misstated.**

PRINT NAME: Stephen J. Rosati

RELATION TO PROPERTY: Owner, partner

DATE: 7/26/17

SIGNATURE: *Stephen J. Rosati*

Print Form to  
Submit via Fax

Submit by Email

PAGE 5 of 5

\* Subject property operated as an Apricot orchard for growing purposes only, not a processing or dry yard. To my knowledge, commonly accepted insecticides, water insecticides and herbicides were applied during the time Apricots were grown. *BR*



**APPENDIX F**  
**QUALIFICATIONS OF ENVIRONMENTAL**  
**PROFESSIONAL(S)**



JOEL GREGER  
SENIOR PROJECT MANAGER  
CERTIFIED ENGINEERING GEOLOGIST # 1633  
REGISTERED GEOLOGIST # 5160 - M. S. GEOLOGY

Mr. Greger serves as a PIERS Senior Project Manager providing our clients and projects with outstanding expertise and reporting experience with Phase I Environmental Site Assessments, Phase II Subsurface Investigations, and remedial project oversight.

Mr. Greger joined PIERS in 1999 with a strong documented record of managing complex environmental remediation and geologic assessment projects. During his career, Mr. Greger was responsible for the technical overview of 125 concurrent underground tank and bulk plant projects for petroleum company clients.

Prior to joining PIERS, Mr. Greger worked as a geologist in California and geotechnical and environmental consulting firms since 1987. Mr. Greger attained registration as a California geologist and as a Certified Engineering Geologist in 1990. Serving as a geologist for a major petroleum company client, Mr. Greger was responsible for rapid site characterizations at twelve bulk plants in central California to develop base-line environmental conditions prior to acquisition by another petroleum company. In addition, Mr. Greger has performed hundreds of Phase I and Phase II site investigations for city and county agencies, large corporations, lending institutions, real estate professionals and public utility companies.

Mr. Greger is a key player in PIERS decision-making on complex projects and offers our clients superior knowledge on a vast array of environmental issues.



KAY PANSELL  
SENIOR PROJECT MANAGER  
REGISTERED ENVIRONMENTAL PROFESSIONAL #5800  
REGISTERED ENVIRONMENTAL PROPERTY ASSESSOR #100002  
M.S. GEOBIOLOGY

Ms. Pannell has successfully served PIERS since 2002. She brings over 26 years of experience in all aspects of environmental consulting, including Phase I Environmental Site Assessments, Phase II Subsurface Investigations, Phase III Remedial Project Oversight, Remedial Investigation/Feasibility Studies, Superfund Site Clean-up and Case Closure. Ms. Pannell's extensive experience in the industry has given her comprehensive knowledge of environmental regulations, laws, and remedial applications technology, which she applies on a daily basis at PIERS.

Ms. Pannell brings to PIERS an extraordinary depth and breadth of experience, including work in soil and groundwater sampling and analysis, underground storage tank removal and remediation, lead and asbestos abatement, chemical lab packing, industrial landfill investigation and remediation, radioactive waste removal, unexploded ordinance disposal, and wetland characterizations. Ms. Pannell's clients have included the U.S. Navy, the U.S. Army Corps of Engineers, various oil companies, and private sector individuals. Her projects have ranged from investigations of a single site underground fuel tank leak, to the technical coordination for a Superfund site, to conducting scientific research on regional geologic conditions affecting a major military installation.

Ms. Pannell's previous position as a Project Manager and technical coordinator for a nation-wide environmental consulting firm gave her the opportunity to work on the Navy CLEAN contract for naval base closures. The projects included water production well closure, radioactive waste removal at an industrial landfill, napalm-contaminated soil removal, lead-contaminated soil removal, groundwater contaminate plume characterizations, and a scientific research study of wetlands. Later, as a Quality Control Manager at another nation-wide environmental consulting firm, she expanded her expertise with U.S. Army Corps of Engineers contracts that included unexploded ordinance disposal, lead and asbestos abatement, industrial landfill remediation and closure, lead (bullet) removal from soil, and leaking underground storage tank removals.

Ms. Pannell's exemplary project management skills come from years of experience in cost estimation, proposal and technical writing, scheduling, client and agency negotiations, subcontractor and vendor oversight, quality control management, and employee supervision. Ms. Pannell's strong skills in data analysis and interpretation, diverse experience in project management, academic expertise, excellent communication skills, and outstanding rapport with environmental regulatory agencies make her an invaluable member of the PIERS team. Clients can depend upon Ms. Pannell's integrity, efficiency, knowledge, and commitment to excellence on any project.



**APPENDIX G**  
**LABORATORY ANALYTICAL RESULTS**





# McC Campbell Analytical, Inc.

"When Quality Counts"

## Analytical Report

**WorkOrder:** 1707B11

**Report Created for:** Piers Environmental

1038 Redwood Highway, Suite 100A  
Mill Valley, CA 94941

**Project Contact:** Joel Greger

**Project P.O.:**

**Project Name:** Santa Ana Rd., Hollister CA

**Project Received:** 07/27/2017

Analytical Report reviewed & approved for release on 08/08/2017 by:

Angela Rydelius,  
Laboratory Manager

*The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.*







## Glossary of Terms & Qualifier Definitions

**Client:** Piers Environmental  
**Project:** Santa Ana Rd., Hollister CA  
**WorkOrder:** 1707B11

### Glossary Abbreviation

|              |  |
|--------------|--|
| %D           | Serial Dilution Percent Difference   |
| 95% Interval | 95% Confident Interval   |
| DF           | Dilution Factor  |
| DI WET       | (DISTLC) Waste Extraction Test using DI water  |
| DISS         | Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)               |
| DLT          | Dilution Test (Serial Dilution)  |
| DUP          | Duplicate  |
| EDL          | Estimated Detection Limit  |
| ERS          | External reference sample. Second source calibration verification.                       |
| ITEF         | International Toxicity Equivalence Factor  |
| LCS          | Laboratory Control Sample  |
| MB           | Method Blank   |
| MB % Rec     | % Recovery of Surrogate in Method Blank, if applicable                                   |
| MDL          | Method Detection Limit   |
| ML           | Minimum Level of Quantitation  |
| MS           | Matrix Spike   |
| MSD          | Matrix Spike Duplicate   |
| N/A          | Not Applicable   |
| ND           | Not detected at or above the indicated MDL or RL   |
| NR           | Data Not Reported due to matrix interference or insufficient sample amount.              |
| PDS          | Post Digestion Spike   |
| PDSD         | Post Digestion Spike Duplicate   |
| PF           | Prep Factor  |
| RD           | Relative Difference  |
| RL           | Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.) |
| RPD          | Relative Percent Deviation   |
| RRT          | Relative Retention Time  |
| SPK Val      | Spike Value  |
| SPKRef Val   | Spike Reference Value  |
| SPLP         | Synthetic Precipitation Leachate Procedure   |
| ST           | Sorbent Tube   |
| TCLP         | Toxicity Characteristic Leachate Procedure   |
| TEQ          | Toxicity Equivalents   |
| WET (STLC)   | Waste Extraction Test (Soluble Threshold Limit Concentration)                            |





## **Glossary of Terms & Qualifier Definitions**

**Client:** Piers Environmental  
**Project:** Santa Ana Rd., Hollister CA  
**WorkOrder:** 1707B11

### **Analytical Qualifiers**

|       |  |
|-------|--|
| S     | Surrogate spike recovery outside accepted recovery limits  |
| P     | Agreement between quantitative confirmation results exceed method recommended limits               |
| c1    | Surrogate recovery outside of the control limits due to the dilution of the sample.                |
| c2    | Surrogate recovery outside of the control limits due to matrix interference.                       |
| e2    | Diesel range compounds are significant; no recognizable pattern                                    |
| e3/e2 | Aged diesel is significant; and/or Diesel range compounds are significant; no recognizable pattern |
| e7    | Oil range compounds are significant  |

### **Quality Control Qualifiers**

|    |   |
|----|---|
| F2 | LCS/LCSD recovery and/or RPD is out of acceptance criteria. |
|----|---|





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|--------|------------------|------------|----------------------|
| Comp 1A-1C                | 1707B11-001A   | Soil   | 07/27/2017 09:00 | GC22       | 142750               |
| <u>Analytes</u>           | <u>Result</u>  |        | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| a-BHC                     | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| b-BHC                     | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| d-BHC                     | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| g-BHC                     | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Chlordane (Technical)     | <b>0.043</b>   |        | 0.025            | 1          | 08/07/2017 21:28     |
| a-Chlordane               | <b>0.0060</b>  |        | 0.0010           | 1          | 08/07/2017 21:28     |
| g-Chlordane               | <b>0.0021</b>  |        | 0.0010           | 1          | 08/07/2017 21:28     |
| p,p-DDD                   | <b>0.017</b>   |        | 0.0010           | 1          | 08/07/2017 21:28     |
| p,p-DDE                   | <b>0.31</b>    |        | 0.0010           | 1          | 08/07/2017 21:28     |
| p,p-DDT                   | <b>0.033</b>   |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Dieldrin                  | <b>0.019</b>   |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Endosulfan I              | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Endosulfan II             | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Endosulfan sulfate        | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Endrin                    | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Endrin aldehyde           | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Endrin ketone             | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Heptachlor                | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Heptachlor epoxide        | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Hexachlorobenzene         | ND             |        | 0.010            | 1          | 08/07/2017 21:28     |
| Hexachlorocyclopentadiene | ND             |        | 0.020            | 1          | 08/07/2017 21:28     |
| Methoxychlor              | ND             |        | 0.0010           | 1          | 08/07/2017 21:28     |
| Toxaphene                 | ND             |        | 0.050            | 1          | 08/07/2017 21:28     |
| <u>Surrogates</u>         | <u>REC (%)</u> |        | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 114            |        | 70-130           |            | 08/07/2017 21:28     |

**Analyst(s):** CK





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|------------------|------------|----------------------|
| Comp 2A-2D                | 1707B11-002A   | Soil              | 07/27/2017 09:10 | GC22       | 142750               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| a-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| b-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| d-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| g-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Chlordane (Technical)     | ND             |                   | 0.025            | 1          | 08/04/2017 02:23     |
| a-Chlordane               | 0.0021         |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| g-Chlordane               | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| p,p-DDD                   | 0.0038         | P                 | 0.0010           | 1          | 08/04/2017 02:23     |
| p,p-DDE                   | 0.10           |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| p,p-DDT                   | 0.014          | P                 | 0.0010           | 1          | 08/04/2017 02:23     |
| Dieldrin                  | 0.0063         |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Endosulfan I              | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Endosulfan II             | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Endosulfan sulfate        | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Endrin                    | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Endrin aldehyde           | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Endrin ketone             | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Heptachlor                | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Heptachlor epoxide        | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Hexachlorobenzene         | ND             |                   | 0.010            | 1          | 08/04/2017 02:23     |
| Hexachlorocyclopentadiene | ND             |                   | 0.020            | 1          | 08/04/2017 02:23     |
| Methoxychlor              | ND             |                   | 0.0010           | 1          | 08/04/2017 02:23     |
| Toxaphene                 | ND             |                   | 0.050            | 1          | 08/04/2017 02:23     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 124            |                   | 70-130           |            | 08/04/2017 02:23     |
| Analyst(s): CK            |                |                   |                  |            |                      |





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|------------------|------------|----------------------|
| Comp 3A-3D                | 1707B11-003A   | Soil              | 07/27/2017 09:15 | GC22       | 142750               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| a-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| b-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| d-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| g-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Chlordane (Technical)     | ND             |                   | 0.025            | 1          | 08/04/2017 02:57     |
| a-Chlordane               | 0.0018         |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| g-Chlordane               | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| p,p-DDD                   | 0.0035         | P                 | 0.0010           | 1          | 08/04/2017 02:57     |
| p,p-DDE                   | 0.11           |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| p,p-DDT                   | 0.019          |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Dieldrin                  | 0.0034         | P                 | 0.0010           | 1          | 08/04/2017 02:57     |
| Endosulfan I              | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Endosulfan II             | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Endosulfan sulfate        | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Endrin                    | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Endrin aldehyde           | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Endrin ketone             | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Heptachlor                | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Heptachlor epoxide        | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Hexachlorobenzene         | ND             |                   | 0.010            | 1          | 08/04/2017 02:57     |
| Hexachlorocyclopentadiene | ND             |                   | 0.020            | 1          | 08/04/2017 02:57     |
| Methoxychlor              | ND             |                   | 0.0010           | 1          | 08/04/2017 02:57     |
| Toxaphene                 | ND             |                   | 0.050            | 1          | 08/04/2017 02:57     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 113            |                   | 70-130           |            | 08/04/2017 02:57     |
| Analyst(s): CK            |                |                   |                  |            |                      |





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|------------------|------------|----------------------|
| Comp 4A-4D                | 1707B11-004A   | Soil              | 07/27/2017 09:20 | GC22       | 142803               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| a-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| b-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| d-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| g-BHC                     | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Chlordane (Technical)     | ND             |                   | 0.025            | 1          | 08/04/2017 06:56     |
| a-Chlordane               | 0.0023         |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| g-Chlordane               | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| p,p-DDD                   | 0.011          |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| p,p-DDE                   | 0.15           |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| p,p-DDT                   | 0.029          | P                 | 0.0010           | 1          | 08/04/2017 06:56     |
| Dieldrin                  | 0.011          |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Endosulfan I              | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Endosulfan II             | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Endosulfan sulfate        | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Endrin                    | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Endrin aldehyde           | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Endrin ketone             | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Heptachlor                | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Heptachlor epoxide        | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Hexachlorobenzene         | ND             |                   | 0.010            | 1          | 08/04/2017 06:56     |
| Hexachlorocyclopentadiene | ND             |                   | 0.020            | 1          | 08/04/2017 06:56     |
| Methoxychlor              | ND             |                   | 0.0010           | 1          | 08/04/2017 06:56     |
| Toxaphene                 | ND             |                   | 0.050            | 1          | 08/04/2017 06:56     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 124            |                   | 70-130           |            | 08/04/2017 06:56     |

**Analyst(s):** CK





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|------------------|------------|----------------------|
| Comp 5A-5D                | 1707B11-005A   | Soil              | 07/27/2017 09:25 | GC22       | 142803               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| a-BHC                     | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| b-BHC                     | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| d-BHC                     | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| g-BHC                     | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Chlordane (Technical)     | ND             |                   | 0.025            | 1          | 08/01/2017 03:26     |
| a-Chlordane               | 0.0033         |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| g-Chlordane               | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| p,p-DDD                   | 0.0066         |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| p,p-DDE                   | 0.20           |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| p,p-DDT                   | 0.037          |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Dieldrin                  | 0.0060         | P                 | 0.0010           | 1          | 08/01/2017 03:26     |
| Endosulfan I              | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Endosulfan II             | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Endosulfan sulfate        | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Endrin                    | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Endrin aldehyde           | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Endrin ketone             | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Heptachlor                | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Heptachlor epoxide        | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Hexachlorobenzene         | ND             |                   | 0.010            | 1          | 08/01/2017 03:26     |
| Hexachlorocyclopentadiene | ND             |                   | 0.020            | 1          | 08/01/2017 03:26     |
| Methoxychlor              | ND             |                   | 0.0010           | 1          | 08/01/2017 03:26     |
| Toxaphene                 | ND             |                   | 0.050            | 1          | 08/01/2017 03:26     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 99             |                   | 70-130           |            | 08/01/2017 03:26     |

**Analyst(s):** CK





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix | Date Collected | Instrument | Batch ID             |
|---------------------------|----------------|--------|----------------|------------|----------------------|
| Comp 6A-6D                | 1707B11-006A   | Soil   | 07/27/2017     | GC22       | 142803               |
| <u>Analytes</u>           | <u>Result</u>  |        | <u>RL</u>      | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| a-BHC                     | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| b-BHC                     | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| d-BHC                     | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| g-BHC                     | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Chlordane (Technical)     | ND             |        | 0.025          | 1          | 08/01/2017 04:00     |
| a-Chlordane               | 0.0032         |        | 0.0010         | 1          | 08/01/2017 04:00     |
| g-Chlordane               | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| p,p-DDD                   | 0.0062         |        | 0.0010         | 1          | 08/01/2017 04:00     |
| p,p-DDE                   | 0.18           |        | 0.0010         | 1          | 08/01/2017 04:00     |
| p,p-DDT                   | 0.025          |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Dieldrin                  | 0.0082         |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Endosulfan I              | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Endosulfan II             | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Endosulfan sulfate        | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Endrin                    | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Endrin aldehyde           | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Endrin ketone             | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Heptachlor                | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Heptachlor epoxide        | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Hexachlorobenzene         | ND             |        | 0.010          | 1          | 08/01/2017 04:00     |
| Hexachlorocyclopentadiene | ND             |        | 0.020          | 1          | 08/01/2017 04:00     |
| Methoxychlor              | ND             |        | 0.0010         | 1          | 08/01/2017 04:00     |
| Toxaphene                 | ND             |        | 0.050          | 1          | 08/01/2017 04:00     |
| <u>Surrogates</u>         | <u>REC (%)</u> |        | <u>Limits</u>  |            |                      |
| Decachlorobiphenyl        | 98             |        | 70-130         |            | 08/01/2017 04:00     |
| Analyst(s): CK            |                |        |                |            |                      |

(Cont.)

NELAP 4033ORELAP

 Angela Rydelius, Lab Manager





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix | Date Collected | Instrument | Batch ID             |
|---------------------------|----------------|--------|----------------|------------|----------------------|
| Comp 7A-7D                | 1707B11-007A   | Soil   | 07/27/2017     | GC22       | 142803               |
| <u>Analytes</u>           | <u>Result</u>  |        | <u>RL</u>      | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| a-BHC                     | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| b-BHC                     | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| d-BHC                     | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| g-BHC                     | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Chlordane (Technical)     | ND             |        | 0.025          | 1          | 08/01/2017 07:25     |
| a-Chlordane               | 0.0036         |        | 0.0010         | 1          | 08/01/2017 07:25     |
| g-Chlordane               | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| p,p-DDD                   | 0.0068         |        | 0.0010         | 1          | 08/01/2017 07:25     |
| p,p-DDE                   | 0.12           |        | 0.0010         | 1          | 08/01/2017 07:25     |
| p,p-DDT                   | 0.016          |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Dieldrin                  | 0.0064         |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Endosulfan I              | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Endosulfan II             | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Endosulfan sulfate        | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Endrin                    | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Endrin aldehyde           | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Endrin ketone             | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Heptachlor                | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Heptachlor epoxide        | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Hexachlorobenzene         | ND             |        | 0.010          | 1          | 08/01/2017 07:25     |
| Hexachlorocyclopentadiene | ND             |        | 0.020          | 1          | 08/01/2017 07:25     |
| Methoxychlor              | ND             |        | 0.0010         | 1          | 08/01/2017 07:25     |
| Toxaphene                 | ND             |        | 0.050          | 1          | 08/01/2017 07:25     |
| <u>Surrogates</u>         | <u>REC (%)</u> |        | <u>Limits</u>  |            |                      |
| Decachlorobiphenyl        | 105            |        | 70-130         |            | 08/01/2017 07:25     |

**Analyst(s):** CK





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|----------------|------------|----------------------|
| Comp 8A-8D                | 1707B11-008A   | Soil              | 07/27/2017     | GC22       | 142803               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>      | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| a-BHC                     | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| b-BHC                     | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| d-BHC                     | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| g-BHC                     | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Chlordane (Technical)     | ND             |                   | 0.025          | 1          | 08/04/2017 06:22     |
| a-Chlordane               | 0.0071         |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| g-Chlordane               | 0.0015         |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| p,p-DDD                   | 0.0093         |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| p,p-DDE                   | 0.12           |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| p,p-DDT                   | 0.018          | P                 | 0.0010         | 1          | 08/04/2017 06:22     |
| Dieldrin                  | 0.0089         |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Endosulfan I              | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Endosulfan II             | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Endosulfan sulfate        | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Endrin                    | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Endrin aldehyde           | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Endrin ketone             | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Heptachlor                | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Heptachlor epoxide        | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Hexachlorobenzene         | ND             |                   | 0.010          | 1          | 08/04/2017 06:22     |
| Hexachlorocyclopentadiene | ND             |                   | 0.020          | 1          | 08/04/2017 06:22     |
| Methoxychlor              | ND             |                   | 0.0010         | 1          | 08/04/2017 06:22     |
| Toxaphene                 | ND             |                   | 0.050          | 1          | 08/04/2017 06:22     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>  |            |                      |
| Decachlorobiphenyl        | 120            |                   | 70-130         |            | 08/04/2017 06:22     |

**Analyst(s):** CK





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|----------------|------------|----------------------|
| Comp 9A-9C                | 1707B11-009A   | Soil              | 07/27/2017     | GC22       | 142803               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>      | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| a-BHC                     | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| b-BHC                     | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| d-BHC                     | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| g-BHC                     | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Chlordane (Technical)     | ND             |                   | 0.025          | 1          | 08/04/2017 01:48     |
| a-Chlordane               | 0.0056         |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| g-Chlordane               | 0.0014         |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| p,p-DDD                   | 0.0075         |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| p,p-DDE                   | 0.15           |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| p,p-DDT                   | 0.015          | P                 | 0.0010         | 1          | 08/04/2017 01:48     |
| Dieldrin                  | 0.0061         |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Endosulfan I              | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Endosulfan II             | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Endosulfan sulfate        | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Endrin                    | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Endrin aldehyde           | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Endrin ketone             | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Heptachlor                | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Heptachlor epoxide        | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Hexachlorobenzene         | ND             |                   | 0.010          | 1          | 08/04/2017 01:48     |
| Hexachlorocyclopentadiene | ND             |                   | 0.020          | 1          | 08/04/2017 01:48     |
| Methoxychlor              | ND             |                   | 0.0010         | 1          | 08/04/2017 01:48     |
| Toxaphene                 | ND             |                   | 0.050          | 1          | 08/04/2017 01:48     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>  |            |                      |
| Decachlorobiphenyl        | 119            |                   | 70-130         |            | 08/04/2017 01:48     |

**Analyst(s):** CK





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|------------------|------------|----------------------|
| 10                        | 1707B11-010A   | Soil              | 07/27/2017 08:43 | GC22       | 142803               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| a-BHC                     | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| b-BHC                     | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| d-BHC                     | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| g-BHC                     | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Chlordane (Technical)     | ND             |                   | 0.12             | 5          | 08/01/2017 02:51     |
| a-Chlordane               | 0.014          |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| g-Chlordane               | 0.015          |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| p,p-DDD                   | 0.11           |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| p,p-DDE                   | 0.067          |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| p,p-DDT                   | 0.092          |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Dieldrin                  | 0.0055         | P                 | 0.0050           | 5          | 08/01/2017 02:51     |
| Endosulfan I              | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Endosulfan II             | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Endosulfan sulfate        | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Endrin                    | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Endrin aldehyde           | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Endrin ketone             | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Heptachlor                | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Heptachlor epoxide        | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Hexachlorobenzene         | ND             |                   | 0.050            | 5          | 08/01/2017 02:51     |
| Hexachlorocyclopentadiene | ND             |                   | 0.10             | 5          | 08/01/2017 02:51     |
| Methoxychlor              | ND             |                   | 0.0050           | 5          | 08/01/2017 02:51     |
| Toxaphene                 | ND             |                   | 0.25             | 5          | 08/01/2017 02:51     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 117            |                   | 70-130           |            | 08/01/2017 02:51     |
| Analyst(s): CK            |                |                   |                  |            |                      |

(Cont.)

NELAP 4033ORELAP

 Angela Rydelius, Lab Manager





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix                         | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|--------------------------------|------------------|------------|----------------------|
| 11                        | 1707B11-011A   | Soil                           | 07/27/2017 08:47 | GC22       | 142803               |
| <u>Analytes</u>           | <u>Result</u>  |                                | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| a-BHC                     | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| b-BHC                     | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| d-BHC                     | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| g-BHC                     | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Chlordane (Technical)     | ND             |                                | 1.2              | 50         | 08/01/2017 07:59     |
| a-Chlordane               | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| g-Chlordane               | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| p,p-DDD                   | 0.24           |                                | 0.050            | 50         | 08/01/2017 07:59     |
| p,p-DDE                   | 0.15           |                                | 0.050            | 50         | 08/01/2017 07:59     |
| p,p-DDT                   | 0.14           |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Dieldrin                  | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Endosulfan I              | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Endosulfan II             | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Endosulfan sulfate        | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Endrin                    | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Endrin aldehyde           | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Endrin ketone             | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Heptachlor                | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Heptachlor epoxide        | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Hexachlorobenzene         | ND             |                                | 0.50             | 50         | 08/01/2017 07:59     |
| Hexachlorocyclopentadiene | ND             |                                | 1.0              | 50         | 08/01/2017 07:59     |
| Methoxychlor              | ND             |                                | 0.050            | 50         | 08/01/2017 07:59     |
| Toxaphene                 | ND             |                                | 2.5              | 50         | 08/01/2017 07:59     |
| <u>Surrogates</u>         | <u>REC (%)</u> | <u>Qualifiers</u>              | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 173            | S                              | 70-130           |            | 08/01/2017 07:59     |
| <u>Analyst(s):</u> CK     |                | <u>Analytical Comments:</u> c1 |                  |            |                      |





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

| Client ID             | Lab ID         | Matrix | Date Collected   | Instrument | Batch ID             |
|-----------------------|----------------|--------|------------------|------------|----------------------|
| 12                    | 1707B11-012A   | Soil   | 07/27/2017 09:48 | GC7        | 142801               |
| <u>Analytes</u>       | <u>Result</u>  |        | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| TPH(g) (C6-C12)       | ND             |        | 1.0              | 1          | 07/31/2017 21:26     |
| MTBE                  | ---            |        | 0.050            | 1          | 07/31/2017 21:26     |
| Benzene               | ND             |        | 0.0050           | 1          | 07/31/2017 21:26     |
| Toluene               | ND             |        | 0.0050           | 1          | 07/31/2017 21:26     |
| Ethylbenzene          | ND             |        | 0.0050           | 1          | 07/31/2017 21:26     |
| Xylenes               | ND             |        | 0.015            | 1          | 07/31/2017 21:26     |
| <u>Surrogates</u>     | <u>REC (%)</u> |        | <u>Limits</u>    |            |                      |
| aaa-TFT               | 104            |        | 70-130           |            | 07/31/2017 21:26     |
| <u>Analyst(s):</u> IA |                |        |                  |            |                      |





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg

### Metals

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 1C        | 1707B11-001B | Soil   | 07/27/2017 09:00 | ICP-MS1    | 142795   |

| Analytes | Result | RL   | DF | Date Analyzed    |
|----------|--------|------|----|------------------|
| Arsenic  | 10     | 0.50 | 1  | 07/31/2017 14:21 |

| Surrogates | REC (%) | Limits |
|------------|---------|--------|
| Terbium    | 105     | 70-130 |

Analyst(s): JC

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 2B        | 1707B11-002B | Soil   | 07/27/2017 09:29 | ICP-MS1    | 142795   |

| Analytes | Result | RL   | DF | Date Analyzed    |
|----------|--------|------|----|------------------|
| Arsenic  | 7.3    | 0.50 | 1  | 07/31/2017 14:28 |

| Surrogates | REC (%) | Limits |
|------------|---------|--------|
| Terbium    | 104     | 70-130 |

Analyst(s): JC

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 3C        | 1707B11-003B | Soil   | 07/27/2017 09:40 | ICP-MS1    | 142795   |

| Analytes | Result | RL   | DF | Date Analyzed    |
|----------|--------|------|----|------------------|
| Arsenic  | 7.2    | 0.50 | 1  | 07/31/2017 14:34 |

| Surrogates | REC (%) | Limits |
|------------|---------|--------|
| Terbium    | 95      | 70-130 |

Analyst(s): JC

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 4A        | 1707B11-004B | Soil   | 07/27/2017 09:07 | ICP-MS1    | 142795   |

| Analytes | Result | RL   | DF | Date Analyzed    |
|----------|--------|------|----|------------------|
| Arsenic  | 12     | 0.50 | 1  | 07/31/2017 14:40 |

| Surrogates | REC (%) | Limits |
|------------|---------|--------|
| Terbium    | 103     | 70-130 |

Analyst(s): JC

(Cont.)





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg

### Metals

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 5D        | 1707B11-005B | Soil   | 07/27/2017 09:25 | ICP-MS1    | 142795   |

| Analytes | Result | RL   | DF | Date Analyzed    |
|----------|--------|------|----|------------------|
| Arsenic  | 11     | 0.50 | 1  | 07/31/2017 14:46 |

| Surrogates | REC (%) | Limits |
|------------|---------|--------|
| Terbium    | 107     | 70-130 |

Analyst(s): JC

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 6B        | 1707B11-006B | Soil   | 07/27/2017 10:27 | ICP-MS1    | 142808   |

| Analytes | Result | RL   | DF | Date Analyzed    |
|----------|--------|------|----|------------------|
| Arsenic  | 6.3    | 0.50 | 1  | 07/31/2017 11:17 |

| Surrogates | REC (%) | Limits |
|------------|---------|--------|
| Terbium    | 99      | 70-130 |

Analyst(s): JC

| Client ID | Lab ID       | Matrix | Date Collected | Instrument | Batch ID |
|-----------|--------------|--------|----------------|------------|----------|
| 7C        | 1707B11-007B | Soil   | 07/27/2017     | ICP-MS1    | 142808   |

| Analytes | Result | RL   | DF | Date Analyzed    |
|----------|--------|------|----|------------------|
| Arsenic  | 12     | 0.50 | 1  | 07/31/2017 15:10 |

| Surrogates | REC (%) | Limits |
|------------|---------|--------|
| Terbium    | 114     | 70-130 |

Analyst(s): JC

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 8A        | 1707B11-008B | Soil   | 07/27/2017 10:06 | ICP-MS1    | 142808   |

| Analytes | Result | RL   | DF | Date Analyzed    |
|----------|--------|------|----|------------------|
| Arsenic  | 12     | 0.50 | 1  | 07/31/2017 15:16 |

| Surrogates | REC (%) | Limits |
|------------|---------|--------|
| Terbium    | 103     | 70-130 |

Analyst(s): JC

(Cont.)





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg

### Metals

| Client ID | Lab ID       | Matrix | Date Collected | Instrument | Batch ID |
|-----------|--------------|--------|----------------|------------|----------|
| 9C        | 1707B11-009B | Soil   | 07/27/2017     | ICP-MS1    | 142808   |

|                 |               |           |           |                      |
|-----------------|---------------|-----------|-----------|----------------------|
| <u>Analytes</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Date Analyzed</u> |
| Arsenic         | 6.1           | 0.50      | 1         | 07/31/2017 15:22     |

|                   |                |               |                  |
|-------------------|----------------|---------------|------------------|
| <u>Surrogates</u> | <u>REC (%)</u> | <u>Limits</u> |                  |
| Terbium           | 105            | 70-130        | 07/31/2017 15:22 |

Analyst(s): JC

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 10        | 1707B11-010A | Soil   | 07/27/2017 08:43 | ICP-MS1    | 142795   |

|                 |               |           |           |                      |
|-----------------|---------------|-----------|-----------|----------------------|
| <u>Analytes</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Date Analyzed</u> |
| Arsenic         | 2.9           | 0.50      | 1         | 07/31/2017 15:41     |

|                   |                |               |                  |
|-------------------|----------------|---------------|------------------|
| <u>Surrogates</u> | <u>REC (%)</u> | <u>Limits</u> |                  |
| Terbium           | 110            | 70-130        | 07/31/2017 15:41 |

Analyst(s): JC

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 11        | 1707B11-011A | Soil   | 07/27/2017 08:47 | ICP-MS1    | 142795   |

|                 |               |           |           |                      |
|-----------------|---------------|-----------|-----------|----------------------|
| <u>Analytes</u> | <u>Result</u> | <u>RL</u> | <u>DF</u> | <u>Date Analyzed</u> |
| Arsenic         | 6.2           | 0.50      | 1         | 07/31/2017 17:07     |

|                   |                |               |                  |
|-------------------|----------------|---------------|------------------|
| <u>Surrogates</u> | <u>REC (%)</u> | <u>Limits</u> |                  |
| Terbium           | 106            | 70-130        | 07/31/2017 17:07 |

Analyst(s): MIG





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 7/28/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B/3630C  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg

### Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 10        | 1707B11-010A | Soil   | 07/27/2017 08:43 | GC39B      | 142772   |

| Analytes                | Result | RL  | DF | Date Analyzed    |
|-------------------------|--------|-----|----|------------------|
| TPH-Diesel (C10-C23)    | 63     | 5.0 | 5  | 08/03/2017 03:15 |
| TPH-Motor Oil (C18-C36) | 120    | 25  | 5  | 08/03/2017 03:15 |

| Surrogates | REC (%) | Limits |                  |
|------------|---------|--------|------------------|
| C9         | 102     | 78-109 | 08/03/2017 03:15 |

Analyst(s): TK

Analytical Comments: e2,e7

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 11        | 1707B11-011A | Soil   | 07/27/2017 08:47 | GC6A       | 142772   |

| Analytes                | Result | RL   | DF    | Date Analyzed    |
|-------------------------|--------|------|-------|------------------|
| TPH-Diesel (C10-C23)    | 6600   | 1000 | 1,000 | 08/03/2017 15:48 |
| TPH-Motor Oil (C18-C36) | 14,000 | 5000 | 1,000 | 08/03/2017 15:48 |

| Surrogates | REC (%) | Qualifiers | Limits |                  |
|------------|---------|------------|--------|------------------|
| C9         | 3044    | S          | 78-109 | 08/03/2017 15:48 |

Analyst(s): TK

Analytical Comments: e7,e2,c2

| Client ID | Lab ID       | Matrix | Date Collected   | Instrument | Batch ID |
|-----------|--------------|--------|------------------|------------|----------|
| 13        | 1707B11-013A | Soil   | 07/27/2017 09:53 | GC6A       | 142772   |

| Analytes                | Result | RL  | DF | Date Analyzed    |
|-------------------------|--------|-----|----|------------------|
| TPH-Diesel (C10-C23)    | 15     | 1.0 | 1  | 07/30/2017 14:38 |
| TPH-Motor Oil (C18-C36) | 14     | 5.0 | 1  | 07/30/2017 14:38 |

| Surrogates | REC (%) | Limits |                  |
|------------|---------|--------|------------------|
| C9         | 81      | 78-109 | 07/30/2017 14:38 |

Analyst(s): TK

Analytical Comments: e3/e2,e7





## Quality Control Report

**Client:** Piers Environmental  
**Date Prepared:** 7/27/17  
**Date Analyzed:** 7/29/17  
**Instrument:** GC23  
**Matrix:** Soil  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**BatchID:** 142750  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg  
**Sample ID:** MB/LCS-142750

### QC Summary Report for SW8081A

| Analyte                   | MB Result | LCS Result | RL     | SPK Val | MB SS %REC | LCS %REC | LCS Limits |
|---------------------------|-----------|------------|--------|---------|------------|----------|------------|
| Aldrin                    | ND        | 0.0603     | 0.0010 | 0.050   | -          | 121      | 70-130     |
| a-BHC                     | ND        | 0.0606     | 0.0010 | 0.050   | -          | 121      | 70-130     |
| b-BHC                     | ND        | 0.0532     | 0.0010 | 0.050   | -          | 106      | 70-130     |
| d-BHC                     | ND        | 0.0616     | 0.0010 | 0.050   | -          | 123      | 70-130     |
| g-BHC                     | ND        | 0.0636     | 0.0010 | 0.050   | -          | 127      | 70-130     |
| Chlordane (Technical)     | ND        | -          | 0.025  | -       | -          | -        | -          |
| a-Chlordane               | ND        | 0.0572     | 0.0010 | 0.050   | -          | 114      | 70-130     |
| g-Chlordane               | ND        | 0.0635     | 0.0010 | 0.050   | -          | 127      | 70-130     |
| p,p-DDD                   | ND        | 0.0480     | 0.0010 | 0.050   | -          | 96       | 70-130     |
| p,p-DDE                   | ND        | 0.0610     | 0.0010 | 0.050   | -          | 122      | 70-130     |
| p,p-DDT                   | ND        | 0.0601     | 0.0010 | 0.050   | -          | 120      | 70-130     |
| Dieldrin                  | ND        | 0.0614     | 0.0010 | 0.050   | -          | 123      | 70-130     |
| Endosulfan I              | ND        | 0.0625     | 0.0010 | 0.050   | -          | 125      | 70-130     |
| Endosulfan II             | ND        | 0.0581     | 0.0010 | 0.050   | -          | 116      | 70-130     |
| Endosulfan sulfate        | ND        | 0.0530     | 0.0010 | 0.050   | -          | 106      | 70-130     |
| Endrin                    | ND        | 0.0573     | 0.0010 | 0.050   | -          | 115      | 70-130     |
| Endrin aldehyde           | ND        | 0.0516     | 0.0010 | 0.050   | -          | 103      | 70-130     |
| Endrin ketone             | ND        | 0.0627     | 0.0010 | 0.050   | -          | 125      | 70-130     |
| Heptachlor                | ND        | 0.0594     | 0.0010 | 0.050   | -          | 119      | 70-130     |
| Heptachlor epoxide        | ND        | 0.0572     | 0.0010 | 0.050   | -          | 114      | 70-130     |
| Hexachlorobenzene         | ND        | 0.0271     | 0.010  | 0.050   | -          | 54       | 50-150     |
| Hexachlorocyclopentadiene | ND        | 0.0440     | 0.020  | 0.050   | -          | 88       | 50-150     |
| Methoxychlor              | ND        | 0.0591     | 0.0010 | 0.050   | -          | 118      | 70-130     |
| Toxaphene                 | ND        | -          | 0.050  | -       | -          | -        | -          |
| <b>Surrogate Recovery</b> |           |            |        |         |            |          |            |
| Decachlorobiphenyl        | 0.04422   | 0.0466     |        | 0.050   | 88         | 93       | 70-130     |





## Quality Control Report

**Client:** Piers Environmental  
**Date Prepared:** 7/28/17  
**Date Analyzed:** 7/30/17  
**Instrument:** GC23  
**Matrix:** Soil  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**BatchID:** 142803  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg  
**Sample ID:** MB/LCS-142803

### QC Summary Report for SW8081A

| Analyte                   | MB Result | LCS Result | RL     | SPK Val | MB SS %REC | LCS %REC | LCS Limits |
|---------------------------|-----------|------------|--------|---------|------------|----------|------------|
| Aldrin                    | ND        | 0.0576     | 0.0010 | 0.050   | -          | 115      | 70-130     |
| a-BHC                     | ND        | 0.0640     | 0.0010 | 0.050   | -          | 128      | 70-130     |
| b-BHC                     | ND        | 0.0556     | 0.0010 | 0.050   | -          | 111      | 70-130     |
| d-BHC                     | ND        | 0.0539     | 0.0010 | 0.050   | -          | 108      | 70-130     |
| g-BHC                     | ND        | 0.0660     | 0.0010 | 0.050   | -          | 132, F2  | 70-130     |
| Chlordane (Technical)     | ND        | -          | 0.025  | -       | -          | -        | -          |
| a-Chlordane               | ND        | 0.0519     | 0.0010 | 0.050   | -          | 104      | 70-130     |
| g-Chlordane               | ND        | 0.0583     | 0.0010 | 0.050   | -          | 117      | 70-130     |
| p,p-DDD                   | ND        | 0.0553     | 0.0010 | 0.050   | -          | 111      | 70-130     |
| p,p-DDE                   | ND        | 0.0558     | 0.0010 | 0.050   | -          | 112      | 70-130     |
| p,p-DDT                   | ND        | 0.0566     | 0.0010 | 0.050   | -          | 113      | 70-130     |
| Dieldrin                  | ND        | 0.0601     | 0.0010 | 0.050   | -          | 120      | 70-130     |
| Endosulfan I              | ND        | 0.0560     | 0.0010 | 0.050   | -          | 112      | 70-130     |
| Endosulfan II             | ND        | 0.0532     | 0.0010 | 0.050   | -          | 106      | 70-130     |
| Endosulfan sulfate        | ND        | 0.0468     | 0.0010 | 0.050   | -          | 94       | 70-130     |
| Endrin                    | ND        | 0.0515     | 0.0010 | 0.050   | -          | 103      | 70-130     |
| Endrin aldehyde           | ND        | 0.0535     | 0.0010 | 0.050   | -          | 107      | 70-130     |
| Endrin ketone             | ND        | 0.0556     | 0.0010 | 0.050   | -          | 111      | 70-130     |
| Heptachlor                | ND        | 0.0603     | 0.0010 | 0.050   | -          | 121      | 70-130     |
| Heptachlor epoxide        | ND        | 0.0548     | 0.0010 | 0.050   | -          | 110      | 70-130     |
| Hexachlorobenzene         | ND        | 0.0581     | 0.010  | 0.050   | -          | 116      | 50-150     |
| Hexachlorocyclopentadiene | ND        | 0.0534     | 0.020  | 0.050   | -          | 107      | 50-150     |
| Methoxychlor              | ND        | 0.0547     | 0.0010 | 0.050   | -          | 109      | 70-130     |
| Toxaphene                 | ND        | -          | 0.050  | -       | -          | -        | -          |
| <b>Surrogate Recovery</b> |           |            |        |         |            |          |            |
| Decachlorobiphenyl        | 0.03948   | 0.0430     |        | 0.050   | 79         | 86       | 70-130     |





## Quality Control Report

**Client:** Piers Environmental  
**Date Prepared:** 7/28/17  
**Date Analyzed:** 7/28/17 - 7/29/17  
**Instrument:** GC19  
**Matrix:** Soil  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**BatchID:** 142801  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS-142801  
1707B32-001AMS/MSD

### QC Summary Report for SW8021B/8015Bm

| Analyte                   | MB Result | LCS Result | RL     | SPK Val | MB SS %REC | LCS %REC | LCS Limits |
|---------------------------|-----------|------------|--------|---------|------------|----------|------------|
| TPH(btex)                 | ND        | 0.548      | 0.40   | 0.60    | -          | 91       | 82-118     |
| MTBE                      | ND        | 0.0906     | 0.050  | 0.10    | -          | 91       | 61-119     |
| Benzene                   | ND        | 0.103      | 0.0050 | 0.10    | -          | 103      | 77-128     |
| Toluene                   | ND        | 0.106      | 0.0050 | 0.10    | -          | 106      | 74-132     |
| Ethylbenzene              | ND        | 0.102      | 0.0050 | 0.10    | -          | 102      | 84-127     |
| Xylenes                   | ND        | 0.307      | 0.015  | 0.30    | -          | 102      | 86-129     |
| <b>Surrogate Recovery</b> |           |            |        |         |            |          |            |
| 2-Fluorotoluene           | 0.083     | 0.0913     |        | 0.10    | 83         | 91       | 75-134     |

| Analyte                   | MS Result | MSD Result | SPK Val | SPKRef Val | MS %REC | MSD %REC | MS/MSD Limits | RPD  | RPD Limit |
|---------------------------|-----------|------------|---------|------------|---------|----------|---------------|------|-----------|
| MTBE                      | 0.0811    | 0.0914     | 0.10    | ND         | 69      | 79       | 47-118        | 11.9 | 20        |
| Benzene                   | 0.124     | 0.114      | 0.10    | ND         | 123     | 113      | 55-129        | 7.88 | 20        |
| Toluene                   | 0.128     | 0.118      | 0.10    | ND         | 128     | 118      | 56-130        | 7.92 | 20        |
| Ethylbenzene              | 0.126     | 0.114      | 0.10    | ND         | 126     | 114      | 63-129        | 9.29 | 20        |
| Xylenes                   | 0.366     | 0.334      | 0.30    | ND         | 122     | 111      | 64-131        | 9.31 | 20        |
| <b>Surrogate Recovery</b> |           |            |         |            |         |          |               |      |           |
| 2-Fluorotoluene           | 0.107     | 0.0922     | 0.10    |            | 107     | 92       | 62-126        | 15.1 | 20        |





## Quality Control Report

**Client:** Piers Environmental  
**Date Prepared:** 7/28/17  
**Date Analyzed:** 7/28/17  
**Instrument:** ICP-MS3  
**Matrix:** Soil  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**BatchID:** 142795  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS-142795  
1707B14-004AMS/MSD

### QC Summary Report for Metals

| Analyte                   | MB Result | LCS Result | RL   | SPK Val | MB SS %REC | LCS %REC | LCS Limits |
|---------------------------|-----------|------------|------|---------|------------|----------|------------|
| Arsenic                   | ND        | 49.4       | 0.50 | 50      | -          | 99       | 75-125     |
| <b>Surrogate Recovery</b> |           |            |      |         |            |          |            |
| Terbium                   | 504.8     | 506        |      | 500     | 101        | 101      | 70-130     |

| Analyte                   | MS Result | MSD Result | SPK Val | SPKRef Val | MS %REC | MSD %REC | MS/MSD Limits | RPD   | RPD Limit |
|---------------------------|-----------|------------|---------|------------|---------|----------|---------------|-------|-----------|
| Arsenic                   | 58.2      | 57.9       | 50      | 8.602      | 99      | 99       | 75-125        | 0     | 20        |
| <b>Surrogate Recovery</b> |           |            |         |            |         |          |               |       |           |
| Terbium                   | 502       | 505        | 500     |            | 100     | 101      | 70-130        | 0.596 | 20        |

| Analyte | DLT Result | DLTRef Val | %D   | %D Limit |
|---------|------------|------------|------|----------|
| Arsenic | 8.25       | 8.602      | 4.09 | -        |

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.





## Quality Control Report

**Client:** Piers Environmental  
**Date Prepared:** 7/28/17  
**Date Analyzed:** 7/31/17  
**Instrument:** ICP-MS1  
**Matrix:** Soil  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**BatchID:** 142808  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS-142808  
1707B11-006BMS/MSD

### QC Summary Report for Metals

| Analyte | MB Result | LCS Result | RL   | SPK Val | MB SS %REC | LCS %REC | LCS Limits |
|---------|-----------|------------|------|---------|------------|----------|------------|
| Arsenic | ND        | 50.8       | 0.50 | 50      | -          | 102      | 75-125     |

#### Surrogate Recovery

|         |       |     |  |     |    |    |        |
|---------|-------|-----|--|-----|----|----|--------|
| Terbium | 497.1 | 494 |  | 500 | 99 | 99 | 70-130 |
|---------|-------|-----|--|-----|----|----|--------|

| Analyte | MS Result | MSD Result | SPK Val | SPKRef Val | MS %REC | MSD %REC | MS/MSD Limits | RPD  | RPD Limit |
|---------|-----------|------------|---------|------------|---------|----------|---------------|------|-----------|
| Arsenic | 54.5      | 58.4       | 50      | 6.329      | 96      | 104      | 75-125        | 6.88 | 20        |

#### Surrogate Recovery

|         |     |     |     |  |    |     |        |      |    |
|---------|-----|-----|-----|--|----|-----|--------|------|----|
| Terbium | 489 | 511 | 500 |  | 98 | 102 | 70-130 | 4.30 | 20 |
|---------|-----|-----|-----|--|----|-----|--------|------|----|

| Analyte | DLT Result | DLTRef Val | %D   | %D Limit |
|---------|------------|------------|------|----------|
| Arsenic | 5.24       | 6.329      | 17.2 | -        |

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.





## Quality Control Report

**Client:** Piers Environmental  
**Date Prepared:** 7/27/17  
**Date Analyzed:** 7/29/17 - 7/31/17  
**Instrument:** GC9b  
**Matrix:** Soil  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**BatchID:** 142772  
**Extraction Method:** SW3550B/3630C  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS-142772  
1707A73-002AMS/MSD

### QC Report for SW8015B w/ SG Clean-Up

| Analyte                   | MB<br>Result | LCS<br>Result | RL  | SPK<br>Val | MB SS<br>%REC | LCS<br>%REC | LCS<br>Limits |
|---------------------------|--------------|---------------|-----|------------|---------------|-------------|---------------|
| TPH-Diesel (C10-C23)      | ND           | 38.2          | 1.0 | 40         | -             | 95          | 79-133        |
| TPH-Motor Oil (C18-C36)   | ND           | -             | 5.0 | -          | -             | -           | -             |
| <b>Surrogate Recovery</b> |              |               |     |            |               |             |               |
| C9                        | 23.93        | 23.2          |     | 25         | 96            | 93          | 77-109        |

| Analyte                   | MS<br>Result | MSD<br>Result | SPK<br>Val | SPKRef<br>Val | MS<br>%REC | MSD<br>%REC | MS/MSD<br>Limits | RPD  | RPD<br>Limit |
|---------------------------|--------------|---------------|------------|---------------|------------|-------------|------------------|------|--------------|
| TPH-Diesel (C10-C23)      | 36.0         | 37.0          | 40         | ND            | 90         | 93          | 59-150           | 2.83 | 30           |
| <b>Surrogate Recovery</b> |              |               |            |               |            |             |                  |      |              |
| C9                        | 23.0         | 23.1          | 25         |               | 92         | 92          | 78-109           | 0    | 30           |



# McC Campbell Analytical, Inc.



1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD

Page 1 of 2

WorkOrder: 1707B11

ClientCode: PESJ

QuoteID: 7573

☐ WaterTrax

☐ WriteOn

☐ EDF

☐ Excel

☒ EQUIS

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

## Report to:

Joel Greger  
Piers Environmental  
1038 Redwood Highway, Suite 100A  
Mill Valley, CA 94941  
(408) 559-1248 FAX: (408) 559-1224

Email: joel@pierses.com; joelgreger2@gmail.com  
cc/3rd Party:  
PO:  
ProjectNo: Santa Ana Rd., Hollister CA

## Bill to:

Accounts Payable  
Piers Environmental  
1038 Redwood Highway, Ste. 100A  
Mill Valley, CA 94941  
piers@pierses.com

## Requested TAT:

5 days;

Date Received: 07/27/2017

Date Logged: 07/28/2017

| Lab ID      | Client ID  | Matrix | Collection Date | Hold                     | Requested Tests (See legend below) |   |   |   |   |   |   |   |   |    |    |    |
|-------------|------------|--------|-----------------|--------------------------|------------------------------------|---|---|---|---|---|---|---|---|----|----|----|
|             |            |        |                 |                          | 1                                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1707B11-001 | 1C         | Soil   | 7/27/2017 09:00 | <input type="checkbox"/> |                                    |   | B |   |   |   |   |   |   |    |    |    |
| 1707B11-001 | Comp 1A-1C | Soil   | 7/27/2017 09:00 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-002 | 2B         | Soil   | 7/27/2017 09:29 | <input type="checkbox"/> |                                    |   | B |   |   |   |   |   |   |    |    |    |
| 1707B11-002 | Comp 2A-2D | Soil   | 7/27/2017 09:10 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-003 | 3C         | Soil   | 7/27/2017 09:40 | <input type="checkbox"/> |                                    |   | B |   |   |   |   |   |   |    |    |    |
| 1707B11-003 | Comp 3A-3D | Soil   | 7/27/2017 09:15 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-004 | 4A         | Soil   | 7/27/2017 09:07 | <input type="checkbox"/> |                                    |   | B |   |   |   |   |   |   |    |    |    |
| 1707B11-004 | Comp 4A-4D | Soil   | 7/27/2017 09:20 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-005 | 5D         | Soil   | 7/27/2017 09:25 | <input type="checkbox"/> |                                    |   | B |   |   |   |   |   |   |    |    |    |
| 1707B11-005 | Comp 5A-5D | Soil   | 7/27/2017 09:25 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-006 | 6B         | Soil   | 7/27/2017 10:27 | <input type="checkbox"/> |                                    |   | B |   |   |   |   |   |   |    |    |    |
| 1707B11-006 | Comp 6A-6D | Soil   | 7/27/2017 00:00 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-007 | 7C         | Soil   | 7/27/2017 00:00 | <input type="checkbox"/> |                                    |   | B |   |   |   |   |   |   |    |    |    |
| 1707B11-007 | Comp 7A-7D | Soil   | 7/27/2017 00:00 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-008 | 8A         | Soil   | 7/27/2017 10:06 | <input type="checkbox"/> |                                    |   | B |   |   |   |   |   |   |    |    |    |

## Test Legend:

|   |        |
|---|--------|
| 1 | 8081_S |
| 5 |        |
| 9 |        |

|    |          |
|----|----------|
| 2  | G-MBTX_S |
| 6  |          |
| 10 |          |

|    |                 |
|----|-----------------|
| 3  | METALSMS_TTLC_S |
| 7  |                 |
| 11 |                 |

|    |             |
|----|-------------|
| 4  | TPH(D)WSG_S |
| 8  |             |
| 12 |             |

Project Manager: Heidi Fruhlinger

Prepared by: Kena Ponce

## Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).  
Hazardous samples will be returned to client or disposed of at client expense.





## CHAIN-OF-CUSTODY RECORD

WorkOrder: 1707B11

ClientCode: PESJ

QuoteID: 7573

☐ WaterTrax☐ WriteOn☐ EDF☐ Excel☒ EQUIS☒ Email☐ HardCopy☐ ThirdParty☐ J-flag

## Report to:

Joel Greger  
 Piers Environmental  
 1038 Redwood Highway, Suite 100A  
 Mill Valley, CA 94941  
 (408) 559-1248 FAX: (408) 559-1224

Email: joel@pierses.com; joelgreger2@gmail.com  
 cc/3rd Party:  
 PO:  
 ProjectNo: Santa Ana Rd., Hollister CA

## Bill to:

Accounts Payable  
 Piers Environmental  
 1038 Redwood Highway, Ste. 100A  
 Mill Valley, CA 94941  
 piers@pierses.com

Requested TAT: 5 days;

Date Received: 07/27/2017

Date Logged: 07/28/2017

| Lab ID      | Client ID  | Matrix | Collection Date | Hold                     | Requested Tests (See legend below) |   |   |   |   |   |   |   |   |    |    |    |
|-------------|------------|--------|-----------------|--------------------------|------------------------------------|---|---|---|---|---|---|---|---|----|----|----|
|             |            |        |                 |                          | 1                                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1707B11-008 | Comp 8A-8D | Soil   | 7/27/2017 00:00 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-009 | 9C         | Soil   | 7/27/2017 00:00 | <input type="checkbox"/> |                                    |   | B |   |   |   |   |   |   |    |    |    |
| 1707B11-009 | Comp 9A-9C | Soil   | 7/27/2017 00:00 | <input type="checkbox"/> | A                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-010 | 10         | Soil   | 7/27/2017 08:43 | <input type="checkbox"/> | A                                  |   | A | A |   |   |   |   |   |    |    |    |
| 1707B11-011 | 11         | Soil   | 7/27/2017 08:47 | <input type="checkbox"/> | A                                  |   | A | A |   |   |   |   |   |    |    |    |
| 1707B11-012 | 12         | Soil   | 7/27/2017 09:48 | <input type="checkbox"/> |                                    | A |   |   |   |   |   |   |   |    |    |    |
| 1707B11-013 | 13         | Soil   | 7/27/2017 09:53 | <input type="checkbox"/> |                                    |   |   | A |   |   |   |   |   |    |    |    |

## Test Legend:

|   |        |
|---|--------|
| 1 | 8081_S |
| 5 |        |
| 9 |        |

|    |          |
|----|----------|
| 2  | G-MBTX_S |
| 6  |          |
| 10 |          |

|    |                 |
|----|-----------------|
| 3  | METALSMS_TTLC_S |
| 7  |                 |
| 11 |                 |

|    |             |
|----|-------------|
| 4  | TPH(D)WSG_S |
| 8  |             |
| 12 |             |

Project Manager: Heidi Fruhlinger

Prepared by: Kena Ponce

## Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).  
 Hazardous samples will be returned to client or disposed of at client expense.





McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701  
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269  
http://www.mcccampbell.com / E-mail: main@mcccampbell.com

## WORK ORDER SUMMARY

**Client Name:** PIERS ENVIRONMENTAL

**Project:** Santa Ana Rd.: Hollister CA

**Work Order:** 1707B11

**Client Contact:** Joel Greger

**QC Level:**

**Contact's Email:** joel@pierses.com; joelgreger2@gmail.com;  
donal@pierses.com; kayppiers@gmail.com

**Comments:**

**Date Logged:** 7/28/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID       | Client ID  | Matrix | Test Name                 | Containers<br>/Composites | Bottle & Preservative      | De-<br>chlorinated       | Collection Date<br>& Time | TAT    | Sediment<br>Content | Hold                     | SubOut |
|--------------|------------|--------|---------------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------|---------------------|--------------------------|--------|
| 1707B11-001A | Comp 1A-1C | Soil   | SW8081A (OC Pesticides)   | 3 / (3:1)                 | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017 10:06           | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-001B | 1C         | Soil   | SW6020 (Metals) <Arsenic> | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017 10:06           | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-002A | Comp 2A-2D | Soil   | SW8081A (OC Pesticides)   | 4 / (4:1)                 | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017 10:06           | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-002B | Comp 2B    | Soil   | SW6020 (Metals) <Arsenic> | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017 10:06           | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-003A | Comp 3A-3D | Soil   | SW8081A (OC Pesticides)   | 4 / (4:1)                 | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-003B | Comp 3C    | Soil   | SW6020 (Metals) <Arsenic> | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-004A | Comp 4A-4D | Soil   | SW8081A (OC Pesticides)   | 4 / (4:1)                 | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-004B | Comp 4A    | Soil   | SW6020 (Metals) <Arsenic> | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-005A | Comp 5A-5D | Soil   | SW8081A (OC Pesticides)   | 4 / (4:1)                 | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-005B | Comp 5D    | Soil   | SW6020 (Metals) <Arsenic> | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-006A | Comp 6A-6D | Soil   | SW8081A (OC Pesticides)   | 4 / (4:1)                 | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-006B | Comp 6B    | Soil   | SW6020 (Metals) <Arsenic> | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-007A | Comp 7A-7D | Soil   | SW8081A (OC Pesticides)   | 4 / (4:1)                 | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-007B | Comp 7C    | Soil   | SW6020 (Metals) <Arsenic> | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-008A | Comp 8A-8D | Soil   | SW8081A (OC Pesticides)   | 4 / (4:1)                 | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-008B | Comp 8A    | Soil   | SW6020 (Metals) <Arsenic> | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |

**NOTES:** - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.





McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701  
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269  
http://www.mccampbell.com / E-mail: main@mccampbell.com

## WORK ORDER SUMMARY

**Client Name:** PIERS ENVIRONMENTAL

**Project:** Santa Ana Rd.: Hollister CA

**Work Order:** 1707B11

**Client Contact:** Joel Greger

**QC Level:**

**Contact's Email:** joel@pierses.com; joelgreger2@gmail.com;  
donal@pierses.com; kayppiers@gmail.com

**Comments:**

**Date Logged:** 7/28/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

| Lab ID       | Client ID  | Matrix | Test Name                         | Containers<br>/Composites | Bottle & Preservative      | De-<br>chlorinated       | Collection Date<br>& Time | TAT    | Sediment<br>Content | Hold                     | SubOut |
|--------------|------------|--------|-----------------------------------|---------------------------|----------------------------|--------------------------|---------------------------|--------|---------------------|--------------------------|--------|
| 1707B11-009A | Comp 9A-9C | Soil   | SW8081A (OC Pesticides)           | 3 / (3:1)                 | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-009B | Comp 9C    | Soil   | SW6020 (Metals) <Arsenic>         | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-010A | 10         | Soil   | SW8015B (Diesel w/ S.G. Clean-Up) | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
|              |            |        | SW6020 (Metals) <Arsenic>         |                           |                            | <input type="checkbox"/> |                           | 5 days |                     | <input type="checkbox"/> |        |
|              |            |        | SW8081A (OC Pesticides)           |                           |                            | <input type="checkbox"/> |                           | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-011A | 11         | Soil   | SW8015B (Diesel w/ S.G. Clean-Up) | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
|              |            |        | SW6020 (Metals) <Arsenic>         |                           |                            | <input type="checkbox"/> |                           | 5 days |                     | <input type="checkbox"/> |        |
|              |            |        | SW8081A (OC Pesticides)           |                           |                            | <input type="checkbox"/> |                           | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-012A | 12         | Soil   | SW8021B/8015Bm (G/MBTEX)          | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-013A | 13         | Soil   | SW8015B (Diesel w/ S.G. Clean-Up) | 1                         | Stainless Steel tube 2"x6" | <input type="checkbox"/> | 7/27/2017                 | 5 days |                     | <input type="checkbox"/> |        |

**NOTES:** - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.









## CHAIN OF CUSTODY RECORD

Telephone: (877) 252-9262 / Fax: (925) 252-9269

main@mccampbell.com

Turn Around Time: 1 Day Rush

2 Day Rush

3 Day Rush

|     |                                     |
|-----|-------------------------------------|
| STD | <input checked="" type="checkbox"/> |
|-----|-------------------------------------|

Quote #

1572

J-Flag / MDI

ESL

Cleanup Approved

|                |  |
|----------------|--|
| Bottle Order # |  |
|----------------|--|

Delivery Format:

|   |
|---|
| X |
|---|

GeoTracker FDF

EDD

Write On (DW)

EQ.18

Report To: Joel Greener

Bill To: PIERS

Company: PIERS Environmental

Email: idel@perses.com

Alt Email: diana@pierses.com Tele: 510 5435387

Project Name: Santa ANA Rd

Project #:

Project Location: Hallister CA

---

PO #

Sampler Signature: *[Signature]*

| SAMPLE ID<br>Location / Field Point | Sampling |         | #Containers | Matrix | Preservative |
|-------------------------------------|----------|---------|-------------|--------|--------------|
|                                     | Date     | Time    |             |        |              |
| 1C                                  | 7/27/17  | 9 AM    | 1           | soil   | 1C           |
| 2B                                  |          | 929 AM  |             |        |              |
| 3C                                  |          | 940 AM  |             |        |              |
| 4A                                  |          | 907 AM  |             |        |              |
| 5D                                  |          | 925 AM  |             |        |              |
| 6B                                  |          | 1027 AM |             |        |              |
| 7C                                  |          |         |             |        |              |
| 8A                                  |          | 1006 AM |             |        |              |
| 9C                                  |          |         |             |        |              |
| # 11                                |          | 947 AM  |             |        |              |

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

\* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

| Relinquished By / Company Name | Date    | Time    | Received By / Company Name | Date    | Time |
|--------------------------------|---------|---------|----------------------------|---------|------|
| JACKIE PETERS<br>PTD           | 7/27/17 | 1456 pm | PTD                        | 7/27/17 | 1349 |
|                                | 7/27/17 | 1456    |                            | 7/27/17 | 1456 |

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C    2=HCl    3=H<sub>2</sub>SO<sub>4</sub>    4=HNO<sub>3</sub>    5=NaOH    6=ZnOAc/NaOH    7=None

Temp 7.2 °C Initials

20 of 3  
Page of









## Sample Receipt Checklist

Client Name: **Piers Environmental**  
Project Name: **Santa Ana Rd.: Hollister CA**

Date and Time Received: **7/27/2017 14:56**

Date Logged: **7/28/2017**

Received by: **Kena Ponce**

Logged by: **Kena Ponce**

WorkOrder No: **1707B11** Matrix: Soil

Carrier: Patrick Johnson (MAI Courier)

### Chain of Custody (COC) Information

|   |   |                             |
|---|---|-----------------------------|
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Sample IDs noted by Client on COC?                      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Date and Time of collection noted by Client on COC?     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| Sampler's name noted on COC?                            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

### Sample Receipt Information

|  |   |                             |  |
|--|---|-----------------------------|--|
| Custody seals intact on shipping container/cooler? | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Shipping container/cooler in good condition?       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Samples in proper containers/bottles?              | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Sample containers intact?                          | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Sufficient sample volume for indicated test?       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |

### Sample Preservation and Hold Time (HT) Information

|   |   |                             |  |
|---|---|-----------------------------|--|
| All samples received within holding time?                   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/>            |
| Sample/Temp Blank temperature                               | Temp: 7.2°C                             |                             | NA <input type="checkbox"/>            |
| Water - VOA vials have zero headspace / no bubbles?         | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Sample labels checked for correct preservation?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)? | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Samples Received on Ice?                                    | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |

(Ice Type: WET ICE )

### UCMR Samples:

|  |                              |                             |  |
|--|------------------------------|-----------------------------|--|
| Total Chlorine tested and acceptable upon receipt for EPA 522?                   | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:





# McC Campbell Analytical, Inc.

"When Quality Counts"

## Analytical Report

**WorkOrder:** 1707B11 A

**Report Created for:** Piers Environmental

1038 Redwood Highway, Suite 100A  
Mill Valley, CA 94941

**Project Contact:** Joel Greger

**Project P.O.:**

**Project Name:** Santa Ana Rd., Hollister CA

**Project Received:** 07/27/2017

Analytical Report reviewed & approved for release on 08/14/2017 by:

Angela Rydelius,  
Laboratory Manager

*The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.*







## Glossary of Terms & Qualifier Definitions

**Client:** Piers Environmental  
**Project:** Santa Ana Rd., Hollister CA  
**WorkOrder:** 1707B11 A

### Glossary Abbreviation

|              |  |
|--------------|--|
| %D           | Serial Dilution Percent Difference   |
| 95% Interval | 95% Confident Interval   |
| DF           | Dilution Factor  |
| DI WET       | (DISTLC) Waste Extraction Test using DI water  |
| DISS         | Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)               |
| DLT          | Dilution Test (Serial Dilution)  |
| DUP          | Duplicate  |
| EDL          | Estimated Detection Limit  |
| ERS          | External reference sample. Second source calibration verification.                       |
| ITEF         | International Toxicity Equivalence Factor  |
| LCS          | Laboratory Control Sample  |
| MB           | Method Blank   |
| MB % Rec     | % Recovery of Surrogate in Method Blank, if applicable                                   |
| MDL          | Method Detection Limit   |
| ML           | Minimum Level of Quantitation  |
| MS           | Matrix Spike   |
| MSD          | Matrix Spike Duplicate   |
| N/A          | Not Applicable   |
| ND           | Not detected at or above the indicated MDL or RL   |
| NR           | Data Not Reported due to matrix interference or insufficient sample amount.              |
| PDS          | Post Digestion Spike   |
| PDSD         | Post Digestion Spike Duplicate   |
| PF           | Prep Factor  |
| RD           | Relative Difference  |
| RL           | Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.) |
| RPD          | Relative Percent Deviation   |
| RRT          | Relative Retention Time  |
| SPK Val      | Spike Value  |
| SPKRef Val   | Spike Reference Value  |
| SPLP         | Synthetic Precipitation Leachate Procedure   |
| ST           | Sorbent Tube   |
| TCLP         | Toxicity Characteristic Leachate Procedure   |
| TEQ          | Toxicity Equivalents   |
| WET (STLC)   | Waste Extraction Test (Soluble Threshold Limit Concentration)                            |

### Analytical Qualifiers

P Agreement between quantitative confirmation results exceed method recommended limits





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 8/9/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|------------------|------------|----------------------|
| 1C                        | 1707B11-001B   | Soil              | 07/27/2017 09:00 | GC23       | 143414               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| a-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| b-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| d-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| g-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Chlordane (Technical)     | ND             |                   | 0.025            | 1          | 08/09/2017 19:19     |
| a-Chlordane               | 0.0023         |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| g-Chlordane               | 0.0040         | P                 | 0.0010           | 1          | 08/09/2017 19:19     |
| p,p-DDD                   | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| p,p-DDE                   | 0.16           |                   | 0.0020           | 2          | 08/11/2017 13:40     |
| p,p-DDT                   | ND             |                   | 0.020            | 1          | 08/09/2017 19:19     |
| Dieldrin                  | 0.0083         | P                 | 0.0010           | 1          | 08/09/2017 19:19     |
| Endosulfan I              | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Endosulfan II             | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Endosulfan sulfate        | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Endrin                    | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Endrin aldehyde           | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Endrin ketone             | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Heptachlor                | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Heptachlor epoxide        | ND             |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Hexachlorobenzene         | ND             |                   | 0.010            | 1          | 08/09/2017 19:19     |
| Hexachlorocyclopentadiene | ND             |                   | 0.020            | 1          | 08/09/2017 19:19     |
| Methoxychlor              | 0.0022         |                   | 0.0010           | 1          | 08/09/2017 19:19     |
| Toxaphene                 | ND             |                   | 0.050            | 1          | 08/09/2017 19:19     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 94             |                   | 70-130           |            | 08/09/2017 19:19     |

Analyst(s): SS

(Cont.)

NELAP 4033ORELAP

 Angela Rydelius, Lab Manager





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 8/9/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|------------------|------------|----------------------|
| 1A                        | 1707B11-001C   | Soil              | 07/27/2017 09:00 | GC23       | 143414               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| a-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| b-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| d-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| g-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| Chlordane (Technical)     | 0.046          |                   | 0.025            | 1          | 08/09/2017 19:33     |
| a-Chlordane               | 0.0037         |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| g-Chlordane               | 0.0062         |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| p,p-DDD                   | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| p,p-DDE                   | 0.083          |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| p,p-DDT                   | ND             |                   | 0.020            | 1          | 08/09/2017 19:33     |
| Dieldrin                  | 0.0069         | P                 | 0.0010           | 1          | 08/09/2017 19:33     |
| Endosulfan I              | 0.0012         | P                 | 0.0010           | 1          | 08/09/2017 19:33     |
| Endosulfan II             | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| Endosulfan sulfate        | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| Endrin                    | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| Endrin aldehyde           | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| Endrin ketone             | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| Heptachlor                | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| Heptachlor epoxide        | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| Hexachlorobenzene         | ND             |                   | 0.010            | 1          | 08/09/2017 19:33     |
| Hexachlorocyclopentadiene | ND             |                   | 0.020            | 1          | 08/09/2017 19:33     |
| Methoxychlor              | ND             |                   | 0.0010           | 1          | 08/09/2017 19:33     |
| Toxaphene                 | ND             |                   | 0.050            | 1          | 08/09/2017 19:33     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 94             |                   | 70-130           |            | 08/09/2017 19:33     |
| Analyst(s): SS            |                |                   |                  |            |                      |

(Cont.)

NELAP 4033ORELAP

 Angela Rydelius, Lab Manager





## Analytical Report

**Client:** Piers Environmental  
**Date Received:** 7/27/17 14:56  
**Date Prepared:** 8/9/17  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg

### Organochlorine Pesticides

| Client ID                 | Lab ID         | Matrix            | Date Collected   | Instrument | Batch ID             |
|---------------------------|----------------|-------------------|------------------|------------|----------------------|
| 1B                        | 1707B11-001D   | Soil              | 07/27/2017 09:00 | GC23       | 143414               |
| <u>Analytes</u>           | <u>Result</u>  | <u>Qualifiers</u> | <u>RL</u>        | <u>DF</u>  | <u>Date Analyzed</u> |
| Aldrin                    | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| a-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| b-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| d-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| g-BHC                     | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Chlordane (Technical)     | ND             |                   | 0.025            | 1          | 08/09/2017 20:56     |
| a-Chlordane               | 0.0017         |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| g-Chlordane               | 0.0031         | P                 | 0.0010           | 1          | 08/09/2017 20:56     |
| p,p-DDD                   | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| p,p-DDE                   | 0.25           |                   | 0.0050           | 5          | 08/11/2017 19:43     |
| p,p-DDT                   | ND             |                   | 0.020            | 1          | 08/09/2017 20:56     |
| Dieldrin                  | 0.0075         |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Endosulfan I              | 0.0011         | P                 | 0.0010           | 1          | 08/09/2017 20:56     |
| Endosulfan II             | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Endosulfan sulfate        | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Endrin                    | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Endrin aldehyde           | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Endrin ketone             | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Heptachlor                | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Heptachlor epoxide        | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Hexachlorobenzene         | ND             |                   | 0.010            | 1          | 08/09/2017 20:56     |
| Hexachlorocyclopentadiene | ND             |                   | 0.020            | 1          | 08/09/2017 20:56     |
| Methoxychlor              | ND             |                   | 0.0010           | 1          | 08/09/2017 20:56     |
| Toxaphene                 | ND             |                   | 0.050            | 1          | 08/09/2017 20:56     |
| <u>Surrogates</u>         | <u>REC (%)</u> |                   | <u>Limits</u>    |            |                      |
| Decachlorobiphenyl        | 100            |                   | 70-130           |            | 08/09/2017 20:56     |
| Analyst(s): SS            |                |                   |                  |            |                      |





## Quality Control Report

**Client:** Piers Environmental  
**Date Prepared:** 8/9/17  
**Date Analyzed:** 8/10/17  
**Instrument:** GC23  
**Matrix:** Soil  
**Project:** Santa Ana Rd., Hollister CA

**WorkOrder:** 1707B11  
**BatchID:** 143414  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8081A  
**Unit:** mg/kg  
**Sample ID:** MB/LCS-143414

### QC Summary Report for SW8081A

| Analyte                   | MB Result | LCS Result | RL     | SPK Val | MB SS %REC | LCS %REC | LCS Limits |
|---------------------------|-----------|------------|--------|---------|------------|----------|------------|
| Aldrin                    | ND        | 0.0446     | 0.0010 | 0.050   | -          | 89       | 70-130     |
| a-BHC                     | ND        | 0.0537     | 0.0010 | 0.050   | -          | 107      | 70-130     |
| b-BHC                     | ND        | 0.0448     | 0.0010 | 0.050   | -          | 90       | 70-130     |
| d-BHC                     | ND        | 0.0424     | 0.0010 | 0.050   | -          | 85       | 70-130     |
| g-BHC                     | ND        | 0.0428     | 0.0010 | 0.050   | -          | 86       | 70-130     |
| Chlordane (Technical)     | ND        | -          | 0.025  | -       | -          | -        | -          |
| a-Chlordane               | ND        | 0.0416     | 0.0010 | 0.050   | -          | 83       | 70-130     |
| g-Chlordane               | ND        | 0.0448     | 0.0010 | 0.050   | -          | 90       | 70-130     |
| p,p-DDD                   | ND        | 0.0401     | 0.0010 | 0.050   | -          | 80       | 70-130     |
| p,p-DDE                   | ND        | 0.0451     | 0.0010 | 0.050   | -          | 90       | 70-130     |
| p,p-DDT                   | ND        | 0.0476     | 0.0010 | 0.050   | -          | 95       | 70-130     |
| Dieldrin                  | ND        | 0.0485     | 0.0010 | 0.050   | -          | 97       | 70-130     |
| Endosulfan I              | ND        | 0.0445     | 0.0010 | 0.050   | -          | 89       | 70-130     |
| Endosulfan II             | ND        | 0.0446     | 0.0010 | 0.050   | -          | 89       | 70-130     |
| Endosulfan sulfate        | ND        | 0.0408     | 0.0010 | 0.050   | -          | 82       | 70-130     |
| Endrin                    | ND        | 0.0442     | 0.0010 | 0.050   | -          | 88       | 70-130     |
| Endrin aldehyde           | ND        | 0.0462     | 0.0010 | 0.050   | -          | 92       | 70-130     |
| Endrin ketone             | ND        | 0.0465     | 0.0010 | 0.050   | -          | 93       | 70-130     |
| Heptachlor                | ND        | 0.0509     | 0.0010 | 0.050   | -          | 102      | 70-130     |
| Heptachlor epoxide        | ND        | 0.0442     | 0.0010 | 0.050   | -          | 88       | 70-130     |
| Hexachlorobenzene         | ND        | 0.0454     | 0.010  | 0.050   | -          | 91       | 50-150     |
| Hexachlorocyclopentadiene | ND        | 0.0432     | 0.020  | 0.050   | -          | 86       | 50-150     |
| Methoxychlor              | ND        | 0.0448     | 0.0010 | 0.050   | -          | 90       | 70-130     |
| Toxaphene                 | ND        | -          | 0.050  | -       | -          | -        | -          |
| <b>Surrogate Recovery</b> |           |            |        |         |            |          |            |
| Decachlorobiphenyl        | 0.04016   | 0.0441     |        | 0.050   | 80         | 88       | 70-130     |





1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 1707B11 A

ClientCode: PESJ

QuoteID: 7573

☐ WaterTrax

☐ WriteOn

☐ EDF

☐ Excel

☐ Fax

☒ Email

☐ HardCopy

☐ ThirdParty

☐ J-flag

☐ Detection Summary

☐ Dry-Weight

**Report to:**

Joel Greger  
Piers Environmental  
1038 Redwood Highway, Suite 100A  
Mill Valley, CA 94941  
(408) 559-1248 FAX: (408) 559-1224

Email: joel@pierses.com; joelgreger2@gmail.com

cc/3rd Party:

PO:

ProjectNo: Santa Ana Rd., Hollister CA

**Bill to:**

Accounts Payable  
Piers Environmental  
1038 Redwood Highway, Ste. 100A  
Mill Valley, CA 94941  
piers@pierses.com

**Requested TAT: 5 days;**

**Date Received: 07/27/2017**

**Date Logged: 07/28/2017**

**Date Add-On: 08/09/2017**

| Lab ID      | Client ID | Matrix | Collection Date | Hold                     | Requested Tests (See legend below) |   |   |   |   |   |   |   |   |    |    |    |
|-------------|-----------|--------|-----------------|--------------------------|------------------------------------|---|---|---|---|---|---|---|---|----|----|----|
|             |           |        |                 |                          | 1                                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1707B11-001 | 1A        | Soil   | 7/27/2017 09:00 | <input type="checkbox"/> | C                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-001 | 1B        | Soil   | 7/27/2017 09:00 | <input type="checkbox"/> | D                                  |   |   |   |   |   |   |   |   |    |    |    |
| 1707B11-001 | 1C        | Soil   | 7/27/2017 09:00 | <input type="checkbox"/> | B                                  |   |   |   |   |   |   |   |   |    |    |    |

**Test Legend:**

|   |        |    |  |    |  |    |  |
|---|--------|----|--|----|--|----|--|
| 1 | 8081_S | 2  |  | 3  |  | 4  |  |
| 5 |        | 6  |  | 7  |  | 8  |  |
| 9 |        | 10 |  | 11 |  | 12 |  |

**Project Manager: Heidi Fruhlinger**

**Prepared by: Kena Ponce**

**Add-On Prepared By: Alexandra Iniguez**

**Comments:** 8081 set up on comp -001 as discretes A,B,C 8/9/17 STAT

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).  
Hazardous samples will be returned to client or disposed of at client expense.





McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701  
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269  
http://www.mccampbell.com / E-mail: main@mccampbell.com

## WORK ORDER SUMMARY

**Client Name:** PIERS ENVIRONMENTAL

**Project:** Santa Ana Rd., Hollister CA

**Work Order:** 1707B11

**Client Contact:** Joel Greger

**QC Level:**

**Contact's Email** joel@pierses.com; joelgreger2@gmail.com;  
donal@pierses.com; kayppiers@gmail.com

**Comments:** 8081 set up on comp -001 as discretes A,B,C 8/9/17 STAT

**Date Logged:** 7/28/2017

**Date Add-On:** 8/9/2017


| Lab ID       | Client ID | Matrix | Test Name               | Containers<br>/Composites | Bottle & Preservative      | Collection Date<br>& Time | TAT    | Sediment<br>Content | Hold                     | SubOut |
|--------------|-----------|--------|-------------------------|---------------------------|----------------------------|---------------------------|--------|---------------------|--------------------------|--------|
| 1707B11-001B | 1C        | Soil   | SW8081A (OC Pesticides) | 1                         | Stainless Steel tube 2"x6" | 7/27/2017 9:00            | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-001C | 1A        | Soil   | SW8081A (OC Pesticides) | 1                         | Stainless Steel tube 2"x6" | 7/27/2017 9:00            | 5 days |                     | <input type="checkbox"/> |        |
| 1707B11-001D | 1B        | Soil   | SW8081A (OC Pesticides) | 1                         | Stainless Steel tube 2"x6" | 7/27/2017 9:00            | 5 days |                     | <input type="checkbox"/> |        |

**NOTES:** - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



1707 B11

| McCAMPBELL ANALYTICAL, INC.   |          |         |             |        |              | CHAIN OF CUSTODY RECORD  |   |  |   |   |  |   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
|---|----------|---------|-------------|--------|--------------|--|---|--|---|---|--|---|-------------------------------------|-------------------------------|--------------------------------|-----------------------------------|-------------------------------|-----------------------|-----------------------|--|--|--|
|  <p>1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701<br/>         Telephone: (877) 252-9262 / Fax: (925) 252-9269<br/>         www.mcccampbell.com      main@mcccampbell.com</p>   |          |         |             |        |              | <p>Turn Around Time: 1 Day Rush <input type="checkbox"/> 2 Day Rush <input type="checkbox"/> 3 Day Rush <input type="checkbox"/> STD <input checked="" type="checkbox"/> Quote # <b>7573</b></p> <p>J-Flag / MDL <input type="checkbox"/> ESL <input type="checkbox"/> Cleanup Approved <input type="checkbox"/> Bottle Order # <input type="checkbox"/></p> <p>Delivery Format: PDF <input checked="" type="checkbox"/> GeoTracker I.D.F. <input type="checkbox"/> EDD <input type="checkbox"/> Write On (DW) <input type="checkbox"/> EQulS <input type="checkbox"/></p> |   |  |   |   |  |   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Report To: <u>Joel Gregor</u> Bill To: <u>PIERS</u><br>Company: <u>PIERS Environmental</u><br>Email: <u>joel@pierses.com</u><br>Alt Email: <u>donal@pierses.com</u> Tele: <u>510 5935382</u><br>Project Name: <u>Santa Ana Rd</u> Project #: <input type="text"/><br>Project Location: <u>Hollister CA</u> PO #: <input type="text"/><br>Sampler Signature: <u>Joel</u> |          |         |             |        |              | Analysis Requested   |   |  |   |   |  |   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| SAMPLE ID<br>Location / Field Point   | Sampling |         | #Containers | Matrix | Preservative | BTEX & TPH as Gas (8021/8015) MTBE   | TPH as Diesel (8015) + Motor Oil Without Silica Gel | TPH as Diesel (8015) + Motor Oil With Silica Gel | Total Oil & Grease (1664 / 9071) Without Silica Gel | Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel | Total Petroleum Hydrocarbons (418.1) With Silica Gel | EPA 505/608 / 8081 (C) Pesticides <i>See sec 10</i> | EPA 608 / 8082 PCB's: Aroclors only | EPA 524.2 / 624 / 8260 (VOCs) | EPA 525.2 / 625 / 8270 (SVOCs) | EPA 8270 SIM / 8310 (PAHs / PNAs) | CAM 17 Metals (200.8 / 6020)* | Metals (200.8 / 6020) | Baylands Requirements | Lab to filter sample for dissolved metals analysis | <u>Heavy Metals</u><br><u>81910 A,B,C</u><br><u>+ 4081 (Discretes)</u> |  |
|   | Date     | Time    |             |        |              |  |   |  |   |   |  |   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Comp 1A-1C  | 7/27/17  | 9 AM    | 3           | Soil   | 16           |  |   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Comp 2A-2D  |          | 9:10 AM | 4           |        |              |  |   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Comp 3A-3D  |          | 9:15 AM | 4           |        |              |  |   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Comp 4A-4D  |          | 9:20 AM | 4           |        |              |  |   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Comp 5A-5D  |          | 9:25 AM | 4           |        |              |  |   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Comp 6A-6D  |          |         | 4           |        |              |  |   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Comp 7A-7D  |          |         | 4           |        |              |  |   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Comp 8A-8D  |          |         | 4           |        |              |  |   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| Comp 9A-9C  |          |         | 3           |        |              |  |   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  |  |  |
| 10  | 7/27/17  | 8:43 AM | 1           |        |              |  | X   |  |   |   |  | X   |                                     |                               |                                |                                   |                               |                       |                       |  | X  |  |

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

\* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

| Relinquished By / Company Name | Date           | Time           | Received By / Company Name | Date           | Time           |
|--------------------------------|----------------|----------------|----------------------------|----------------|----------------|
| <u>Joel PERS</u>               | <u>7/27/17</u> | <u>1:48 PM</u> | <u>PTJ</u>                 | <u>7/27/17</u> | <u>1:34 PM</u> |
| <u>PTJ</u>                     | <u>7/27/17</u> | <u>1:56</u>    | <u>K</u>                   | <u>7/27/17</u> | <u>1:56</u>    |

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other  
 Preservative Code: 1=4°C 2=HCl 3=H<sub>2</sub>SO<sub>4</sub> 4=HNO<sub>3</sub> 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 7.2 °C Initials           

Comments / Instructions

\* Sample moved  
 to Follow 9C per  
 Conversation w/ J. Gregor  
 7/28/17