APPLIED WATER RESOURCES
CORPORATION

1600 Riviera Avenue, Suite 310, Walnut Creek, California 94596
925 426 1112

September 19, 2012

Jim Musillani
Project Manager
California Military Department
9800 Goethe Road
Sacramento, California 95826-9101

RE: Environmental Condition of Property Report
16501 Ashland Avenue, San Lorenzo, California

Dear Mr. Musillani,

Enclosed is the Environmental Condition of Property Report (ECOP) for the above referenced property for your review

Thank you for choosing AWR to perform this project. If you have any questions, comments or concerns, please contact me at 925-426-1112 and smichelson@awrcorp.net.

Sincerely,

Applied Water Resources Corporation

Steven Michelson
Principal Geologist, PG

Yola Bayram
Environmental Assessor

ENVIRONMENTAL CONDITION OF PROPERTY REPORT

16501 Ashland Avenue
San Lorenzo, California

September 2012

Prepared For:
Jim Musillani
California Military Department
9800 Goethe Road
Sacramento, California 95826-9101

APPLIED WATER RESOURCES

EXECUTIVE SUMMARY

Consultant:	Applied Water Resources Corporation (AWR)
Site:	16501 Ashland Avenue, San Lorenzo, California
Client:	California Military Department
Location:	The Site is located within an industrial/commercial area at 16501 Ashland Avenue in San Lorenzo, California. The Site is bordered to the north by Interstate 238, to the east by Ashland Ave, to the south by a medical clinic and to the west by a baseball field (Figure 1). The nearest residential properties are approximately 130 feet to the east.
Current Use:	Vacant Lot
Current Owner:	San Lorenzo Unified School District
Site Characteristics:	The Site consists of one parcel, assessor parcel number (APN) 413-19-2-7. The Site is approximately 1.21 acres according to the Alameda County Assessor and is currently vacant.
Vicinity Characteristics:	The property is zoned Ashland Cherryland Business District (ACBD) according to the Alameda County Planning Department and is within the City of San Lorenzo, California.
Purpose:	This Environmental Condition of Property Report (ECOP) was performed to determine the environmental condition of the Site prior to a planned land use change by the San Lorenzo Unified School District.
Site Investigation:	Soil and ground water samples were collected assess current environmental conditions at the former gasoline and diesel underground storage tanks (UST) and adjacent dispenser island, former sump associated with a vehicle ramp, and clarifier. These samples were analyzed for total petroleum hydrocarbons in the gasoline and diesel range, volatile organic compounds, and metals. In addition, shallow soil samples were collected and analyzed for lead and asbestos to assess residual concentrations associated with the former buildings.

EXECUTIVE SUMMARY (Continued)

Findings: The former gasoline UST is an historical Recognized Environmental Condition (REC, as defined by ASTM), because this item received No Further Action status from the Alameda County Department of Environmental Health in 1997. A recent sample of ground water collected within approximately 15 feet of the former gasoline UST did not reveal measurable concentrations of petroleum hydrocarbons. The 1997 ACEH letter requires that the risk from exposure to residual petroleum in soil/groundwater be made when a change in land use is proposed. The ACDEH has not yet evaluated these data pursuant to the proposed change in land use to a school.

Samples of soil and ground water collected in 2010 revealed that petroleum hydrocarbons were released from the former diesel UST, former dispenser island, former sump, and/or former clarifier. The recent 2012 sampling of soil and ground water did not reveal significant concentrations of petroleum or volatile organic compounds or metals at the location of these items. Based on these data, these items are not considered to be RECs. The ACDEH has not evaluated these data and these items have not yet received formal closure pursuant to the proposed change in land use to a school.

Ten shallow soil samples were recently collected and analyzed for lead and asbestos. None of the soil samples contained lead at concentrations above the criteria established by the Department of Toxic Substances Control for schools (DTSC, 2006). The analytical method PLM CARB 435 did not detect asbestos fibers, however TEM CARB 435 did detect chrysotile and actinolite fibers at 0.0003% above the DTSC's screening guidance for schools. These types of fibers, which were observed in a single soil sample, are associated with building materials. However, the naturally occurring ultramafic and serpentinite geologic deposits in the region are also associated with these forms of asbestos fibers. The ACDEH and DTSC have not evaluated these data.

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1.0 INTRODUCTION

On behalf of California Military Department (hereinafter referred to as the "Client"), Applied Water Resources Corporation (AWR), prepared this Environmental Condition of Property Report (ECOP) of the property located at 16501 Ashland Avenue, San Lorenzo, California (hereinafter referred to as the "Site").

1.1 Purpose

This ECOP provides a record of the Site conditions and to identify what, if any, recognized environmental conditions (RECs) exist at this Site.

"The term REC means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public 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 (ASTM 1527-05)."

1.2 Detailed Scope of Services

The following tasks were performed in accordance with 40 Code of Federal Regulations Part 373 and Army Regulation 415-15:

- Visual inspection of the Site to identify RECs.
- A historical review of the use and improvements of the Site through a review of aerial photographs, historical topographic maps, city directories, title reports, and building department records.
- A review of any prior ECOPs, Environmental Baseline Surveys, Environmental Site Assessments, and any available geologic and hydrogeologic literature concerning the Site and surrounding area.
- Interviews of persons familiar with the history of the Site, including the current owner.
- Review of appropriate federal, state, and local regulatory agencies to reveal known hazardous wastes Sites or significant leaks or spills of hazardous materials that may have occurred at the Site and immediate vicinity.

- Interviews with applicable local agencies familiar with the Site and the vicinity areas such as local fire departments, health departments, Regional Water Quality Control Board, and other local government agencies.

- Review of environmental permits, radioactive materials licenses or permits, and RCRA generator status.

- Collection and analysis of shallow soil for lead and asbestos.

- Collection and analysis of soil and ground water at a former diesel UST, former sump at the truck ramp, and former clarifier.

1.3 Assumptions and Limitations

The information obtained from individuals interviewed and prior environmental reports is considered to be accurate unless reasonable inquiries indicated otherwise. Conditions observed were considered representative of similar areas that were not accessible unless otherwise indicated. This ECOP Report presents a summary of reasonably ascertainable information on the environmental conditions of, and concerns relative to, the land, facilities, and real property assets at the Property. Its findings are based on a record search of publicly available documents, a thorough review of reasonably ascertainable documents, a visual reconnaissance of the Property conducted on July 17, 2012, and interviews with personnel knowledgeable about the Property and its history. Existing environmental investigations and reports and historical documents were reviewed in support of this ECOP. Information obtained from these other sources is reflected within this report by reference.

In preparing this report, AWR has relied on certain information provided by federal, state, and local officials and other parties referenced therein, and on information contained in the files of governmental agencies, that were reasonably ascertainable at the time of this assessment. Although there may have been some degree of overlap in the information provided by these various sources, an attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment was not conducted. Observations were made of the Site as indicated in this report.

2.0 SITE DESCRIPTION

2.1 Property Location

The Site is located within an industrial/commercial area at 16501 Ashland Avenue in San Lorenzo, California. It is owned by the San Lorenzo Unified School District.

2.2 Site and Vicinity General Characteristics

The Site is approximately two acres and is bordered to the north by Interstate 238, to the east by Ashland Ave, to the south by a medical clinic and to the west by a baseball field (Figure 1). The nearest residential properties are approximately 130 feet to the east. The Site is currently vacant (Appendix A).

2.3 Site Features

Electricity and natural gas is provided to the Site by Pacific Gas & Electric Company (PG&E). The PG&E service area extends from Eureka in the north to Bakersfield in the south, and from the Pacific Ocean in the west to the Sierra Nevada in the east.

The East Bay Municipal Utilities District (EBMUD) provides water services to the Site. EBMUD's water system serves approximately 1.3 million people in a 325-square-mile area extending from Crockett on the north, southward to San Lorenzo, eastward from San Francisco Bay to Walnut Creek, and south through the San Ramon Valley.

Sewer services are provided to the Site by Oro Loma Sanitary District. The District encompasses 13 square miles, serving the communities of San Lorenzo, Ashland, Cherryland, Fairview, portions of Castro Valley, and the Cities of Hayward and San Leandro. Oro Loma's service area is located about 20 miles south of Oakland and 30 miles north of San Jose, within Alameda County, on the eastern shore of the San Francisco Bay.

3.0 Environmental Setting

3.1.1 Topography

The Site and the surrounding properties are generally flat-lying and the Site's elevation is approximately 39 feet above mean sea level (msl).

3.1.2 Surface Water Bodies

There are no surface water bodies on or adjacent to the Site. The nearest surface water body is the San Lorenzo Creek approximately 700 feet to the south of the Site.

3.1.3 Geology and Hydrogeology

The Site is situated on an alluvial plain that lies between the eastern shore of San Francisco Bay and the East Bay Hills of the Diablo Range. Mesozoic- and Cenozoic-aged bedrock formations underlie the nearby East Bay Hills and are composed of various types of igneous, metamorphic

and sedimentary rocks. Geologic structures within the foothills trend to the northwest, and are strongly influenced by the active Hayward fault, which transects the western boundary of the hills (AIS 2010).

Localized studies by the United States Geological Survey describing the Quaternary alluvial and Bay deposits in the vicinity of the Site show that the northeastern and northwestern portions of the nearby school campus are underlain by recent alluvial fan deposits, while recent natural levee deposits underlie the southern portion. Alluvial fan deposits are sediment deposited by streams from adjacent mountain and hillside canyons onto adjoining valley floors and plains. These sediments generally vary in composition from poorly graded sand to silt and clay and generally decrease in grain size downgradient of the top, or apex, of the fan. Natural levee deposits commonly border stream channels and are composed of fine-grained deposits of silt and clay with variable amounts of sand (AIS, 2010).

Based on borings advanced at the Site, the stratigraphy consists predominantly of lean clay from 0 to 4 feet below ground surface (bgs) and lean clay interbedded with thin layers of clayey sand and sand with silt between 4 to 22 feet bgs. Sand exists between approximately 22 to 27 feet bgs.

Based on historical ground water monitoring reports from the Site, ground water has ranged from approximately 4 to 9.5 feet bgs with a general gradient to the north.

3.1.4 Floodplains and Wetlands

According to the EDR Summary Report (Appendix B), the Site is not located within the 100-year or 500-year flood zone. The Site also is not located within the National Wetland Inventory.

3.1.5 Radon

A radon survey was not performed on the Site. However, according to the EDR Summary Report, Alameda County is in zone 2, indicating the average indoor level is between 2 and 4 picocuries per liter (pCi/L). The US Environmental Protection Agency (USEPA) action level is 4 pCi/L.

4.0 Historical Information on the Property

AWR reconstructed a brief history of the Site through a review of historical Topographic Maps (Appendix C); the EDR City Directory (Appendix D); available records, permits and other documents available at Alameda County, the state of California, and from the United States Army; and historical aerial photographs provided by EDR (Appendix E). Information from Alameda County Department of Environmental Health (ACEH) was reviewed on its respective website. A request to

review files was placed with the Alameda County Fire Department (ACFD), Bay Area Air Quality Management District (BAAQMD), the Regional Water Quality Control Board (RWQCB), and the Department of Toxic Substances Control (DTSC). A reply was not received was not received from ACFD after several attempts and the RWQCB, BAAQMD, and DTSC had no files on record for the Site. Replies from BAAQMD and DTSC are in Appendix F. A summary of historical sources can be found below with pertinent documents available in the Appendices.

4.1 Site History

The Site is owned by the San Lorenzo Unified School District (Appendix G) and served as a military staging depot since approximately 1947. It was most recently used by the National Guard Armory and the United States Army Organizational Maintenance Shop (OMS #35), which maintained National Guard vehicles. In June 2012, the armory building and OMS #35 were demolished and the Site is currently vacant.

4.2 Past Use, Storage, Disposal, and Release of Hazardous Substances and Petroleum Products

The following identifies infrastructure that existed at the site that was associated with hazardous materials, waste, and/or petroleum products. As described further below, all of these items have been removed from the Site.

- A 2,000 gallon gasoline underground storage tank (UST) and associated dispenser island existed on the property from 1951 to April 1993.

- A 5,000 gallon UST was installed at the Site in the late 1990's and was used to store and dispense red diesel. This item was removed in 2010.

- A vehicle inspection rack included a sump that likely collected fluids related to vehicle operations, including waste oil. This item was removed in 2010.

- A clarifier was plumbed to maintenance building and likely separated waste oil from water. This item was removed in 2010.

- It was noted in previous reports, hazardous materials and storage drums of hazardous waste (e.g., oil, antifreeze, cleaning supplies) were stored in OMS #35; a surface stain was also observed northwest of the armory building (Kleinfelder 2009).

- According to previous reports, CERCLA hazardous substances have been used at the Site in amounts necessary to support unit-level vehicle maintenance and building maintenance activities. However, it is unlikely that quantities stored at any location on the Site would have exceeded corresponding CERCLA reportable quantities.

- Drums of oil were stored in OMS#35 for vehicle maintenance.

4.2.1 Former Gasoline UST

The former 2,000 gallon gasoline UST was removed in 1997. A grab ground water sample collected from the excavation pit revealed a concentration of 110,000 µg/L total petroleum hydrocarbons as gasoline (TPHg). Three monitor wells were installed and monitored four times over the course of 3 years. Monitor well MW-3 was the only well revealing measurable concentrations of TPHg, which were initially 4,100 µg/L and declined to 600 µg/L during the final sampling event. The ACEH concluded on October 3, 1997 that No Further Action was required in relation to the former 2,000 gallon gasoline UST (Appendix I). The ACEH letter advised that residual TPHg and BTEX still existed in the ground water in the area of the former UST and if a change in land use is proposed, then an evaluation of risk from exposure to contaminated soil/groundwater must be made.

4.2.2 Former Diesel UST

The 5,000 gallon diesel UST, the dispenser island, and all associated piping were removed on June 22, 2010. Approximately 254 tons of contaminated soil was excavated and disposed of at an off-site facility. Soil samples were only collected from the bottom of the UST excavation, however not directly underneath the UST.

All samples were found to be non-detect of total petroleum hydrocarbons as diesel (TPHd), benzene, toluene, ethylbenzene, xylenes (BTEX), and fuel oxygenates. TPHd was detected in the composite sample collected from the stockpiled soil from the excavation. A grab ground water sample was collected from the UST excavations and TPHd, ethylbenzene, and total xylenes were detected in the sample (AIS 2010). The Alameda County Department of Environmental Health (ACEH) accepted the removal of the diesel UST, but in an email expressed concern regarding the residual soil and ground water contamination (Appendix I).

4.2.3 Former Sump at the Vehicle Inspection Rack and Former Clarifier

A vehicle inspection rack and an above-ground clarifier were located on the Site and were removed during the same event as the UST removal. Soil and ground water samples were not collected from the wash rack excavation. Soil samples were not collected from the clarifier excavation, however a ground water sample was collected and TPHd and TPH as motor oil were detected (AIS 2010).

Soil stockpiled from the removal of the sump, clarifier, and diesel UST revealed measurable concentrations of TPH. In an email, the ACEH express concern regarding the residual presence of petroleum in soil and ground water (Appendix I).

4.2.4 Suspect Asbestos- Containing Materials and Suspect Lead-based Paint

The Site contained at least one structure erected prior to 1978, which may have painted surfaces that meet the definition of lead-based paint (LBP), defined differently by various agencies. Also, based on the ages of the former buildings, it is possible that asbestos containing building materials (ACBM) were present at the Site.

4.2.5 Naturally-Occurring Asbestos (NOA)

In a previous report, it was found that the closest mapped outcrops of ultramafic rock to the Site occur in Hayward, at a distance of less than 10 miles southwest of the Site. Based on the geologic setting and the distance from the Site to the closest mapped ultramafic rock, NOA deposits may be present on the site (Kleinfelder 2009).

4.3 Review of Aerial Photographs

A review of historical aerial photography may indicate past activities at a site that may not be documented by other means, or observed during a site visit. The effectiveness of this technique depends on the scale and quality of the photographs and the available coverage. The following aerial photographs were obtained from EDR, which accessed several historical photograph collections.

- 1939 to 1946: The Site appears to be agricultural land, which is also occupied by several buildings that may be a farm related residence and buildings. Immediately north of the site is a series of long linear structures, which may have been equipment sheds or greenhouses.

- 1958: The photograph shows the National Guard armory in the eastern half of the site.

- 1965: This photograph shows the addition of the maintenance building at the Site along with the vehicle inspection rack. Several vehicles are also parked on the Site.

- 1974 through 2006: These photographs show the Site with the two permanent structures, with various changes in the locations of temporary structures and vehicles.

4.4 Review of Previous Environmental Reports

A review of Property records produced several reports/documents pertaining to the Property. The following table lists these reports/documents.

Documents	Author
Site Assessment Work Plan; January 22, 1990	West & Hansen Engineers, Inc.
Work Plan and Health and Safety Plan for Site Investigation at Organizational Maintenance Shop No. 35 (OMS No. 35); June 8, 1993	Tetra Tech, Inc.
Site Investigation at OMS No. 35 (Final); August 8, 1993	Tetra Tech, Inc.
Letter Report presenting the cost of additional drilling, results of the feasibility study, and options for the existing diesel tank at the Department of the Military's OMS No. 35 in San Lorenzo, CA; September 29, 1993	Tetra Tech, Inc.
Work Plan for OMS No. 35; December 14, 1994	Geomatrix Consultants, Inc.
Groundwater Investigation and Quarterly Monitoring Report; June 28, 1995	Geomatrix Consultants, Inc.
Quarterly Monitoring Report July through September 1995; October 18, 1995	Geomatrix Consultants, Inc.
Groundwater Sampling and Closure Report; December 16, 1996	Geomatrix Consultants, Inc.
Well Destruction; July 28, 1997	Geomatrix Consultants, Inc.
Fuel Leak Site Case Closure for the California National Guard Facility at 16501 Ashland Ave, San Lorenzo, CA; October 3, 1997	Alameda County Environmental Health
Phase I/Limited Phase II Environmental Site Assessment National Guard Armory; September 15, 2009	Kleinfelder West, Inc.
Underground Storage Tank Closure Report, California Army National Guard Armory, San Lorenzo, CA; September 2010	American Integrated Services, Inc.

Information obtained from the review of these documents has been incorporated into relevant sections of this ECOP, where appropriate.

5.0 SITE RECONNAISSANCE

The goal of the Site reconnaissance is to obtain information identifying RECs at and in connection with the Site. The visual inspection observes the structures and features located on the property to the extent not obstructed by bodies of water, adjacent buildings, and/or other obstructions.

5.1 Methodology and Limiting Conditions

Reconnaissance of the Site was performed by walking open areas of the property in a grid fashion. Special attention was given to observe potential conduits to the subsurface such as drains and sumps. On July 17, 2012, Yola Bayram of AWR conducted a Site reconnaissance at the Site.

5.2 Observations

Evidence was found of the presence of the following items during the reconnaissance of the Site:

- Storm Drain
- Electrical Transformers

5.2.1 Storm Drain

During site reconnaissance, AWR observed a storm drain on the Site. No surface staining was observed in the vicinity of this drain.

5.2.2 Electrical Transformers

Two pole-mounted electrical transformers were observed on power lines at the Site. The concern with electrical transformers is that the dielectric fluid contains polychlorinated biphenyls (PCBs). These electrical transformers are owned and maintained by Pacific Gas & Electric Company. AWR did not observe any evidence that the transformers have had an impact on the environment.

5.3 Unnatural Surface Features

No unnatural surface features were observed during Site reconnaissance other than common depressions from the recent demolition activities.

5.4 Cleared or Stressed Vegetation

There was no vegetation observed on the Site during the reconnaissance due to the recent demolition activities.

5.5 Soil Staining, Seeps, and Leachate

Stained soil and seeps were not observed during the Site reconnaissance.

6.0 SITE INVESTIGATION

Two investigations were recently performed at the Site in support of this ECOP.

- Soil and ground water samples were collected to describe the current environmental conditions associated with the former diesel and gasoline USTs, the sump at the former truck ramp, and the former clarifier. The methods and findings from this effort are presented in the letter report provided in Appendix J.

- Shallow soil samples were collected to characterize concentrations of lead and asbestos.

6.1 Sampling and Analysis of Soil and Ground Water for Petroleum, VOCs, and Metals

6.1.1 Soil Sampling

On August 9, 2012, three borings were advanced at the former diesel UST, former sump at the truck ramp, and former clarifier. Soil samples were collected continuously and screened using a Photo Ionization Detector (PID) for volatile organic compounds (VOCs). All drilling equipment was decontaminated between each sampling location.

All soil samples were analyzed for the following:

- Total Petroleum Hydrocarbons as Gasoline (TPHg) by EPA Method 8015,
- TPH as Diesel (TPHd) by EPA Method 8015,
- TPH as Motor Oil (TPHmo) by EPA Method 8015,
- Volatile Organic Compounds (VOCs) by EPA Method 8260 with sample collection performed in accordance with EPA Method 5035, and
- Cadmium, chromium, lead, nickel, and zinc by EPA method 6010.

Boring C1 was advanced to 16 feet below ground surface (bgs) in the former sump at the truck ramp location. Soil at approximate 0.5-foot intervals was screened with a photo-ionization detector (PID). Odors and PID measurements were encountered between 10 and 16 feet below ground surface (bgs).

Boring C2 was advanced to 16 feet bgs in the former diesel UST location. No soil was recovered in the boring after 5 feet bgs. In a second attempt to retrieve a soil sample, another boring was advanced 2 feet to the north of the first boring to 8 feet bgs, but no soil was recovered after 5 feet bgs. A third boring was then advanced near the former dispenser island to 8 feet bgs and no soil was recovered after 4 feet bgs. Consequently, a soil sample was not collected in the vicinity of the former diesel UST.

Boring C3 was advanced to 16 feet bgs in the former clarifier and sump location. No PID measurements or odors were encountered found in the boring.

Soil samples collected from the borings advanced either revealed no concentrations above the laboratory reporting limit or revealed concentrations of TPHg and TPHd below the applicable soil ESLs. No VOCs were detected that are subjected to the Regional Water Quality Control Board's (Water Board) Environmental Screening Levels (ESLs) and all concentrations of metals were far below the applicable ESLs (Table 1).

6.1.2 Ground Water Sampling

Ground water samples were also collected from the three borings advanced at the former diesel UST, former sump, and former clarifier. The drilling was performed with a truck mounted direct push rig using dual-tube methodology to minimize the potential of vertical cross-contamination during ground water and soil sample collection. All drilling equipment was decontaminated between each sampling location.

All ground water samples were analyzed for the following:

- Total Petroleum Hydrocarbons as Gasoline (TPHg) by EPA Method 8015,
- TPH as Diesel (TPHd) by EPA Method 8015,
- TPH as Motor Oil (TPHmo) by EPA Method 8015,
- Volatile Organic Compounds (VOCs) by EPA Method 8260 with sample collection performed in accordance with EPA Method 5035, and
- Cadmium, chromium, lead, nickel, and zinc by EPA method 6010.

TPHg, TPHd, and TPHmo were not detected above the laboratory reporting limit in the three ground water samples. VOCs were detected in boring C3, however all concentrations were far below the applicable ESLs. Nickel was the only metal detected in ground water in the borings. The concentration was slightly above the ESL for nickel in boring C1 (Table 2).

6.2 Sampling and Analysis of Soil for Asbestos and Lead

Soil sampling and analysis was designed to loosely follow the California Department of Toxic Substances Control's (DTSC) *Interim Guidance Naturally Occurring Asbestos at School Site*, Revised September 24, 2004 (DTSC, 2004), and *Interim Guidance Evaluation Of School Sites With Potential Soil Contamination As A Result Of Lead From Lead-Based Paint, Organochlorine Pesticides From Termiticides, And Polychlorinated Biphenyls From Electrical Transformers* Revised June 9, 2006 (DTSC, 2006).

On July 19, 2012, AWR collected shallow soil samples at the 10 locations shown in Figure 2. Five sample locations were selected to characterize soil beneath and within 10 feet of the two former buildings, and five sample locations were selected to characterize on-site soil beyond the footprint of the two buildings. Analytical results are presented in Tables 3 and 4.

All soil samples analyzed for asbestos were collected at 0.5 foot below ground surface (bgs). Ten samples were collected for the analyses of asbestos fibers by PLM CARB 435 (0.25% sensitivity); one sample was collected for the analyses of asbestos fibers by TEM CARB 435 (0.0001% sensitivity).

Asbestos fibers were not found in any of the soil samples analyzed by PLM CARB 435, however fibers were found in the soil sample analyzed by TEM CARB 435. The asbestos weight was found to be 0.0003% above the DTSC screening guidance (DTSC, 2004). The chrysotile and actinolite fibers observed by the lab are associated with building materials. At the time of building demolition, the only asbestos containing material at the armory was transite pipe (September 2012 communication with the California Military Department). However, the naturally occurring ultramafic and serpentinite geologic deposits in the region are also associated with these forms of asbestos fibers.

Five samples analyzed for lead (B1, B2, N1, N3, and O1) were collected at 0.5 feet below ground surface (bgs) and five samples (A1, A2, N2, S1, and S2) were collected at 2 feet below ground surface for lead analysis by EPA Method 6010. Lead was detected in all soil samples and was measured be below the DTSC's screening guidance (DTSC, 2006).

7.0 CONCLUSIONS

This ECOP identifies the following items that were evaluated for the potential to pose environmental risk. Each item is discussed below with respect to the laboratory data, potential risk, land use, and the ASTM E1527-00 definition of Recognized Environmental Condition (REC).

- Former Gasoline UST

  The former gasoline UST is an historical REC because this item received No Further Action status from the Alameda County Department of Environmental Health in 1997. A recent sample of ground water collected within approximately 15 feet of the former gasoline UST did not reveal measurable concentrations of petroleum hydrocarbons. The 1997 ACEH letter requires that the risk from exposure to residual petroleum in soil/groundwater be made when a change in land use is proposed. The ACDEH has not yet evaluated these data pursuant to the proposed change in land use to a school.

- Former Diesel UST, Sump at the Vehicle Inspection Rack, and Clarifier

  Samples of soil and ground water collected in 2010 revealed that petroleum hydrocarbons were released from the former diesel UST, former dispenser island, former sump, and/or former clarifier. The recent 2012 sampling of soil and ground water did not reveal significant concentrations of petroleum or volatile organic compounds or metals at the location of these items. Based on these data, these items are not considered to be RECs. The ACDEH has not evaluated these data and these items have not yet received formal closure pursuant to the proposed change in land use to a school.

- Suspect Lead-Based Paint

  The Site contained at least one structure erected prior to 1978, which may have had painted surfaces that meet the definition of lead-based paint (LBP), defined differently by various agencies. However, this condition is not considered to be a REC based on the 10 soil samples, which all contained lead at concentrations below the DTSC guidance for schools (DTSC, 2006). The ACDEH and DTSC have not evaluated these data pursuant to the proposed change in land use to a school.

- Suspect Asbestos Containing Materials

  Based on the age of the former buildings, it is possible that asbestos containing building materials (ACBM) were present at the Site. At the time of building demolition, the only asbestos containing material at the armory was transite pipe. Ten shallow soil samples were collected and analyzed for asbestos. The analytical method PLM CARB 435 did not detect asbestos fibers, however TEM CARB 435 did detect chrysotile and actinolite fibers at 0.0003% above the DTSC's screening guidance for schools. These types of fibers, which were observed in a single soil sample, are associated with building materials. However, the naturally occurring ultramafic and serpentinite geologic deposits in the region are also associated with these forms of asbestos fibers. The ACDEH and DTSC have not evaluated these data pursuant to the proposed change in land use to a school.

- Naturally Occurring Asbestos (NOA)

  In a previous report (Kleinfelder, 2009), it was found that the closest mapped outcrops of ultramafic rock to the Site occur in Hayward, at a distance of less than 10 miles southwest of the Site. Based on the geologic setting and the distance from the Site to the closest mapped ultramafic rock, NOA may be present on the site. ACDEH and DTSC have not evaluated these data pursuant to the proposed change in land use to a school.

8.0 REFERENCES

Historic Topographic Maps: 1899, 1915, 1947, 1948, 1950, 1959, 1968, 1973, 1980, and 1993

Historic Sanborn® Fire Insurance Maps: None provided

Aerial Photographs: 1939, 1946, 1958, 1965, 1974, 1982, 1993, 1998, 2005, and 2006

City Directory: 1960, 1962, 1965, 1967, 1970, 1973, 1975, 1976, 1979, 1980, 1982, 1984, 1986, 1991, 1992, 1993, 1996, 2000, 2002, and 2006

The following governmental agencies were contacted to obtain the information in this report:

Jurisdiction	Agency
Federal	U.S. Environmental Protection Agency, Region IX, San Francisco
State and Regional	State of California Environmental Protection Agency, Department of Toxic Substances Control, Berkeley State Water Resources Control Board Bay Area Air Quality Management District
County and Local	Alameda County Planning Department Alameda County Building Department Alameda County Department of Environmental Health

Websites:
http://www.epa.gov/region9/cleanup/
http://www.envirostor.dtsc.ca.gov/public/
http://www.geotracker.swrcb.ca.gov/
http://www.dhs.ca.gov/radon/default.htm
http://cfpub.epa.gov/supercpad/cursites/csitinfo.cfm?id=0905639

Tables

Table 1
Soil Analytical Results for Petroleum, VOCs, and Metals
16501 Ashland Ave, San Lorenzo, California

Location ID	Date Sampled	Sample Depth (ft bgs)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	Isopropylbenzene	Propylbenzene	sec-Butylbenzene	n-Butylbenzene	Cadmium	Chromium	Lead	Nickel	Zinc
			mg/kg			µg/kg				mg/kg				
ESLs			83			--	--	--	--	1.7	--	200	150	600
C1	8/9/2012	10	1.1	7.9Y	<5	250	1,400	520	1,400	<0.27	46	5	51	49
C2	8/9/2012	--	No Recovery											
C3	8/9/2012	5	<0.17	<0.99	<5	<4	<4	<4	<4	0.28	44	5.2	46	48

Notes:

ESLs: Environmental Screening Levels are for a residential land use scenario with shallow soil contamination and ground water is considered a potential drinking water resource.

mg/kg: milligrams per kilogram

µg/kg: micrograms per kilogram

<: Concentration is below the reporting limit of the lab

--: not applicable

Table 2
Ground Water Analytical Results for Petroleum, VOCs, and Metals
16501 Ashland Ave, San Lorenzo, California

Location ID	Date Sampled	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	MTBE	Propylbenzene	1,3,5-Trimethylbenzene	Cadmium	Chromium	Lead	Nickel	Zinc
		µg/L										
ESLs		100	100	100	5	--	--	0.25	50	2.5	8.2	81
C1	8/9/2012	<50	<50	<300	<0.5	<0.5	<0.5	<5	<5	<5	9	<20
C2	8/9/2012	<50	<50	<300	<0.5	<0.5	<0.5	<5	<5	<5	7.4	<20
C3	8/9/2012	<50	<51	<310	0.6	1.1	0.7	<5	<5	<5	6.1	<20

Notes:

ESLs: Environmental Screening Levels are for a residential land use scenario with shallow soil contamination and ground water is considered a potential drinking water resource.

µg/L: micrograms per liter

<: Concentration is below the reporting limit of the lab

--: not applicable

Table 3
Soil Analytical Results for Lead
16501 Ashland Ave, San Lorenzo, California

Location ID	Date Sampled	Sample Depth (ft bgs)	Lead
			mg/kg
DTSC Screening Guidance			255
A1	7/19/2012	2	22
A2	7/19/2012	2	19
B1	7/19/2012	0.5	22
B2	7/19/2012	0.5	21
N1	7/19/2012	0.5	22
N2	7/19/2012	2	21
N3	7/19/2012	0.5	35
S1	7/19/2012	2	34
S2	7/19/2012	2	30
OMS1	7/19/2012	0.5	24

Notes:
mg/kg: milligrams per kilogram

Table 4
Soil Analytical Results for Asbestos
16501 Ashland Ave, San Lorenzo, CA

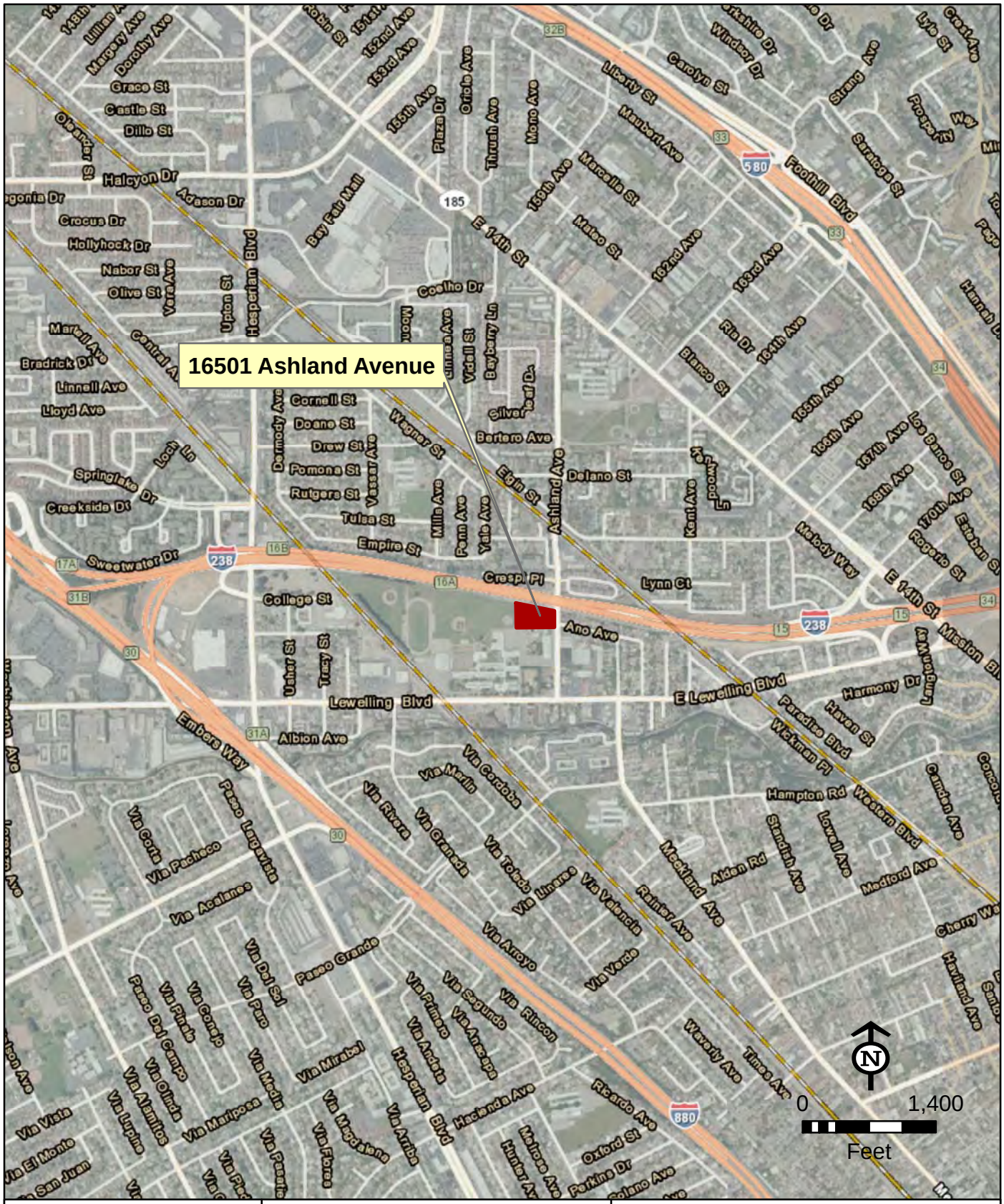
Location ID	Date Sampled	Sample Depth (ft bgs)	PLM CARB 435 (0.25% Sensitivity)		TEM CARB 435 (0.0001% Sensitivity)		
			Non-Asbestos Non-Fibrous	Asbestos	Chrysotile	Actinolite	Asbestos Weight
			%	%	structures detected	structures detected	%
DTSC Screening Guidance			none	any detection	--	--	0.001%
A1	7/19/2012	2	100	0	--	--	--
A2	7/19/2012	2	100	0	--	--	--
B1	7/19/2012	0.5	100	0	5	2	0.0013%
B2	7/19/2012	0.5	100	0	--	--	--
N1	7/19/2012	0.5	100	0	--	--	--
N2	7/19/2012	2	100	0	--	--	--
N3	7/19/2012	0.5	100	0	--	--	--
S1	7/19/2012	2	100	0	--	--	--
S2	7/19/2012	2	100	0	--	--	--
OMS1	7/19/2012	0.5	100	0	--	--	--

Notes:

ft bgs: feet below ground surface

Above DTSC Screening Guidance

Figures



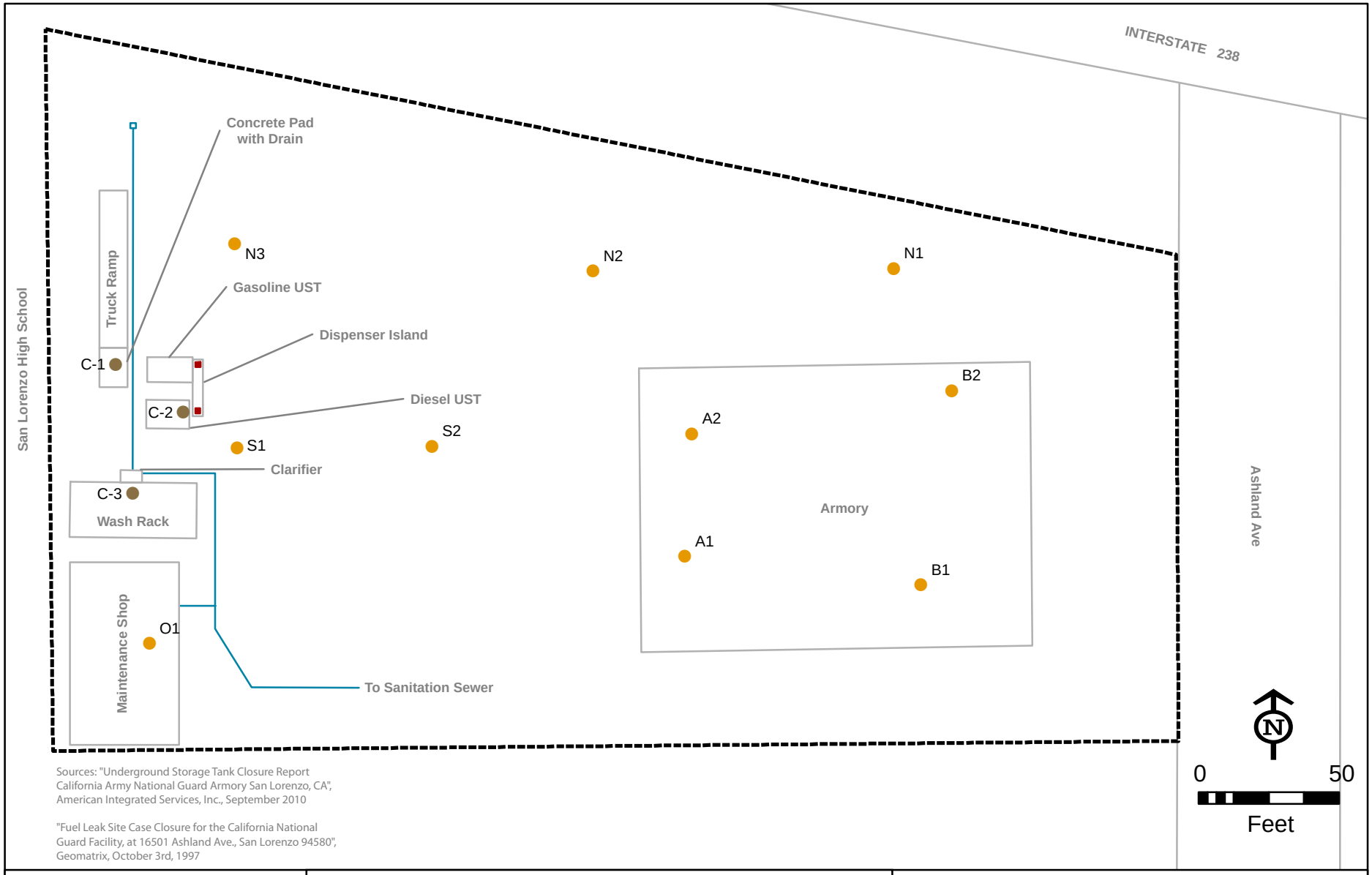
APPLIED WATER RESOURCES

Figure - 1

Location Map

San Lorenzo Armory
16501 Ashland Avenue San Lorenzo, CA

Created August 10th, 2012



Sources: "Underground Storage Tank Closure Report California Army National Guard Armory San Lorenzo, CA", American Integrated Services, Inc., September 2010

"Fuel Leak Site Case Closure for the California National Guard Facility, at 16501 Ashland Ave., San Lorenzo 94580", Geomatrix, October 3rd, 1997

APPLIED WATER RESOURCES

- Asbestos and Lead Sample
- Boring
- Existing Pipeline
- Dispenser
- Former Building Location
- Storm Drain
- Property Boundary

Figure - 2

Site Map and Boring Locations

San Lorenzo Armory
16501 Ashland Avenue San Lorenzo, CA

Created August 28th, 2012

Appendix A
Site Photographs

Photo 1: View of the Site

Photo 2: View of the Site.

APPLIED
WATER
RESOURCES

Photo 3: View of Site facing towards Ashland Ave

Photo 4: Storm drain on Site

APPLIED WATER RESOURCES

Appendix B
EDR Database Report

16501 Ashland Ave
16501 Ashland Ave
San Lorenzo, CA 94580

Inquiry Number: 3363074.2s
July 09, 2012

EDR Summary Radius Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

16501 ASHLAND AVE
SAN LORENZO, CA 94580

COORDINATES

Latitude (North):	37.6895000 - 37° 41' 22.20''
Longitude (West):	122.1190000 - 122° 7' 8.40''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	577677.1
UTM Y (Meters):	4171525.5
Elevation:	39 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	USGS 7.5 min quad index

Target Property:	W
Source:	USGS 7.5 min quad index

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
16501 ASHLAND AVE
SAN LORENZO, CA 94580

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
A1	CALIFORNIA NATL GUAR	16501 ASHLAND AVE	LUST		TP
A2	OMS #35	16501 ASHLAND AVE	RCRA-SQG, FINDS, NPDES, HIST CORTESE, LUST,...		TP
A3	SAN LORENZO OMS #35	16501 ASHLAND AVE	HIST UST		TP
A4	SAN LORENZO SATELLIT	16501 ASHLAND AVE	HIST UST		TP
A5	ORGANIZATIONAL SHOP	16501 ASHLAND AVE.	UST		TP
A6	SAN LORENZO SATELLIT	16501 ASHLAND AVE	HIST UST, SWEEPS UST		TP
A7	LANGENDORF	16496 ASHLAND AVE	HIST UST, SWEEPS UST	Higher	48, NNE
8	GEAR WORKS	16446 AHSLAND AVE.	UST, SWEEPS UST	Higher	395, North
9	KAWAHARA NURSERY	16550 ASHLAND	HIST CORTESE, LUST, Alameda County CS, SWEEPS UST	Higher	404, South
10	NEW PERFORMANCE	186 LEWELLING	HIST CORTESE, LUST, Alameda County CS	Higher	1017, South
11	SAN LORENZO USD-SLHS	50 E LEWELLING BLVD	NPDES, LUST, Alameda County CS, HAZNET	Higher	1321, SW
B12	PLANTS UNLIMITED	16450 KENT AVE	HIST CORTESE, LUST, Alameda County CS, HIST UST,...	Higher	1721, NE
13	CHEVRON SS# 9-0796	4991 CARPINTERIA AVE	HIST CORTESE, LUST, Alameda County CS, SWEEPS UST	Higher	1734, SE
14	BEACON	44 LEWELLING	HIST CORTESE, LUST, Alameda County CS, SWEEPS UST,...	Higher	1750, SW
B15	KENT GARDENS	16438 KENT AVENUE	SLIC	Higher	1770, NE
16	EBMUD SOUTH AREA SER	589 E LEWELLING BLVD	Alameda County CS, SWEEPS UST	Higher	1946, ESE
17	SOUTH AREA SERVICE C	589 LEWELLING AVENUE	LUST, HIST UST	Higher	2006, SE
18	SOUTHLAND CORP	100 LEWELLING	HIST CORTESE, LUST, Alameda County CS, SWEEPS UST	Higher	2055, WSW
19	CHRIS' RICHFIELD SER	16446 14TH	HIST CORTESE	Higher	2503, NE
20	OKADA PROPERTY	16109 ASHLAND	HIST CORTESE, LUST, Alameda County CS	Lower	2549, North
21	JACK HOLLAND	16301 14TH	HIST CORTESE, LUST, Alameda County CS, HIST UST,...	Higher	2579, NNE
C22	E. 14TH STREET AUTO	16552 E. 14TH STREET	CERC-NFRAP, UST	Higher	2609, ENE
C23	EAST 14TH STREET AUT	16552 EAST 14TH ST	ENVIROSTOR	Higher	2609, ENE
24	SEE THE DOCTOR TRANS	16611 14TH	SLIC	Higher	2634, ENE
25	FOUR STAR LUMBER CO	15444 HESPERIAN BOUL	Notify 65	Higher	3247, WNW
26	UNOCAL SERVICE STATI	15803 EAST 14TH STRE	Notify 65	Lower	4062, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CALIFORNIA NATL GUAR 16501 ASHLAND AVE SAN LORENZO, CA 94580	LUST	N/A
OMS #35 16501 ASHLAND AVE SAN LORENZO, CA 94580	RCRA-SQG FINDS NPDES HIST CORTESE LUST Status: Completed - Case Closed Alameda County CS HAZNET	CAD981369085
SAN LORENZO OMS #35 16501 ASHLAND AVE SAN LORENZO, CA 94580	HIST UST	N/A
SAN LORENZO SATELLIT 16501 ASHLAND AVE SAN LORENZO, CA 94580	HIST UST	N/A
ORGANIZATIONAL SHOP 16501 ASHLAND AVE. SAN LORENZO, CA 94580	UST	N/A
SAN LORENZO SATELLIT 16501 ASHLAND AVE SAN LORENZO, CA 94580	HIST UST SWEEPS UST	N/A

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: A review of the CERC-NFRAP list, as provided by EDR, and dated 12/28/2011 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
E. 14TH STREET AUTO	***16552 E. 14TH STREET***	***ENE 1/4 - 1/2 (0.494 mi.)***	***C22***	***14***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: A review of the ENVIROSTOR list, as provided by EDR, and dated 06/13/2012 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EAST 14TH STREET AUT Status: Refer: Other Agency Status: No Further Action	16552 EAST 14TH ST	ENE 1/4 - 1/2 (0.494 mi.)	C23	14

State and tribal leaking storage tank lists

LUST: A review of the LUST list, as provided by EDR, and dated 06/14/2012 has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAWAHARA NURSERY Status: Open - Site Assessment	***16550 ASHLAND***	***S 0 - 1/8 (0.077 mi.)***	***9***	***9***
NEW PERFORMANCE Status: Completed - Case Closed	***186 LEWELLING***	***S 1/8 - 1/4 (0.193 mi.)***	***10***	***10***
SAN LORENZO USD-SLHS Status: Open - Site Assessment	***50 E LEWELLING BLVD***	***SW 1/4 - 1/2 (0.250 mi.)***	***11***	***10***
PLANTS UNLIMITED Status: Completed - Case Closed	***16450 KENT AVE***	***NE 1/4 - 1/2 (0.326 mi.)***	***B12***	***10***
CHEVRON SS# 9-0796 Status: Open - Site Assessment	***4991 CARPINTERIA AVE***	***SE 1/4 - 1/2 (0.328 mi.)***	***13***	***11***
BEACON Status: Open - Remediation	***44 LEWELLING***	***SW 1/4 - 1/2 (0.331 mi.)***	***14***	***11***
SOUTH AREA SERVICE C Status: Open - Site Assessment	***589 LEWELLING AVENUE***	***SE 1/4 - 1/2 (0.380 mi.)***	***17***	***12***
SOUTHLAND CORP Status: Completed - Case Closed	***100 LEWELLING***	***WSW 1/4 - 1/2 (0.389 mi.)***	***18***	***12***
JACK HOLLAND Status: Open - Remediation Status: Completed - Case Closed	***16301 14TH***	***NNE 1/4 - 1/2 (0.488 mi.)***	***21***	***13***

Lower Elevation	Address	Direction / Distance	Map ID	Page
OKADA PROPERTY	***16109 ASHLAND***	***N 1/4 - 1/2 (0.483 mi.)***	***20***	***13***
Status: Completed - Case Closed				

SLIC: A review of the SLIC list, as provided by EDR, and dated 06/14/2012 has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KENT GARDENS	16438 KENT AVENUE	NE 1/4 - 1/2 (0.335 mi.)	B15	11
Facility Status: Completed - Case Closed				
SEE THE DOCTOR TRANS	16611 14TH	ENE 1/4 - 1/2 (0.499 mi.)	24	14
Facility Status: Open - Site Assessment				

Alameda County CS: A review of the Alameda County CS list, as provided by EDR, and dated 04/03/2012 has revealed that there are 10 Alameda County CS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAWAHARA NURSERY	***16550 ASHLAND***	***S 0 - 1/8 (0.077 mi.)***	***9***	***9***
NEW PERFORMANCE	***186 LEWELLING***	***S 1/8 - 1/4 (0.193 mi.)***	***10***	***10***
SAN LORENZO USD-SLHS	***50 E LEWELLING BLVD***	***SW 1/4 - 1/2 (0.250 mi.)***	***11***	***10***
PLANTS UNLIMITED	***16450 KENT AVE***	***NE 1/4 - 1/2 (0.326 mi.)***	***B12***	***10***
CHEVRON SS# 9-0796	***4991 CARPINTERIA AVE***	***SE 1/4 - 1/2 (0.328 mi.)***	***13***	***11***
BEACON	***44 LEWELLING***	***SW 1/4 - 1/2 (0.331 mi.)***	***14***	***11***
EBMUD SOUTH AREA SER	***589 E LEWELLING BLVD***	***ESE 1/4 - 1/2 (0.369 mi.)***	***16***	***12***
SOUTHLAND CORP	***100 LEWELLING***	***WSW 1/4 - 1/2 (0.389 mi.)***	***18***	***12***
JACK HOLLAND	***16301 14TH***	***NNE 1/4 - 1/2 (0.488 mi.)***	***21***	***13***

Lower Elevation	Address	Direction / Distance	Map ID	Page
OKADA PROPERTY	***16109 ASHLAND***	***N 1/4 - 1/2 (0.483 mi.)***	***20***	***13***

State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, and dated 06/14/2012 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GEAR WORKS	***16446 AHSLAND AVE.***	***N 0 - 1/8 (0.075 mi.)***	***8***	***9***

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LANGENDORF	***16496 ASHLAND AVE***	***NNE 0 - 1/8 (0.009 mi.)***	***A7***	***9***

SWEEPS UST: A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LANGENDORF	***16496 ASHLAND AVE***	***NNE 0 - 1/8 (0.009 mi.)***	***A7***	***9***
GEAR WORKS	***16446 AHSLAND AVE.***	***N 0 - 1/8 (0.075 mi.)***	***8***	***9***
KAWAHARA NURSERY	***16550 ASHLAND***	***S 0 - 1/8 (0.077 mi.)***	***9***	***9***

Other Ascertainable Records

HIST CORTESE: A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 9 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAWAHARA NURSERY	***16550 ASHLAND***	***S 0 - 1/8 (0.077 mi.)***	***9***	***9***
NEW PERFORMANCE	***186 LEWELLING***	***S 1/8 - 1/4 (0.193 mi.)***	***10***	***10***
PLANTS UNLIMITED	***16450 KENT AVE***	***NE 1/4 - 1/2 (0.326 mi.)***	***B12***	***10***
CHEVRON SS# 9-0796	***4991 CARPINTERIA AVE***	***SE 1/4 - 1/2 (0.328 mi.)***	***13***	***11***
BEACON	***44 LEWELLING***	***SW 1/4 - 1/2 (0.331 mi.)***	***14***	***11***
SOUTHLAND CORP	***100 LEWELLING***	***WSW 1/4 - 1/2 (0.389 mi.)***	***18***	***12***
CHRIS' RICHFIELD SER	16446 14TH	NE 1/4 - 1/2 (0.474 mi.)	19	13
JACK HOLLAND	***16301 14TH***	***NNE 1/4 - 1/2 (0.488 mi.)***	***21***	***13***

Lower Elevation	Address	Direction / Distance	Map ID	Page
OKADA PROPERTY	***16109 ASHLAND***	***N 1/4 - 1/2 (0.483 mi.)***	***20***	***13***

Notify 65: A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

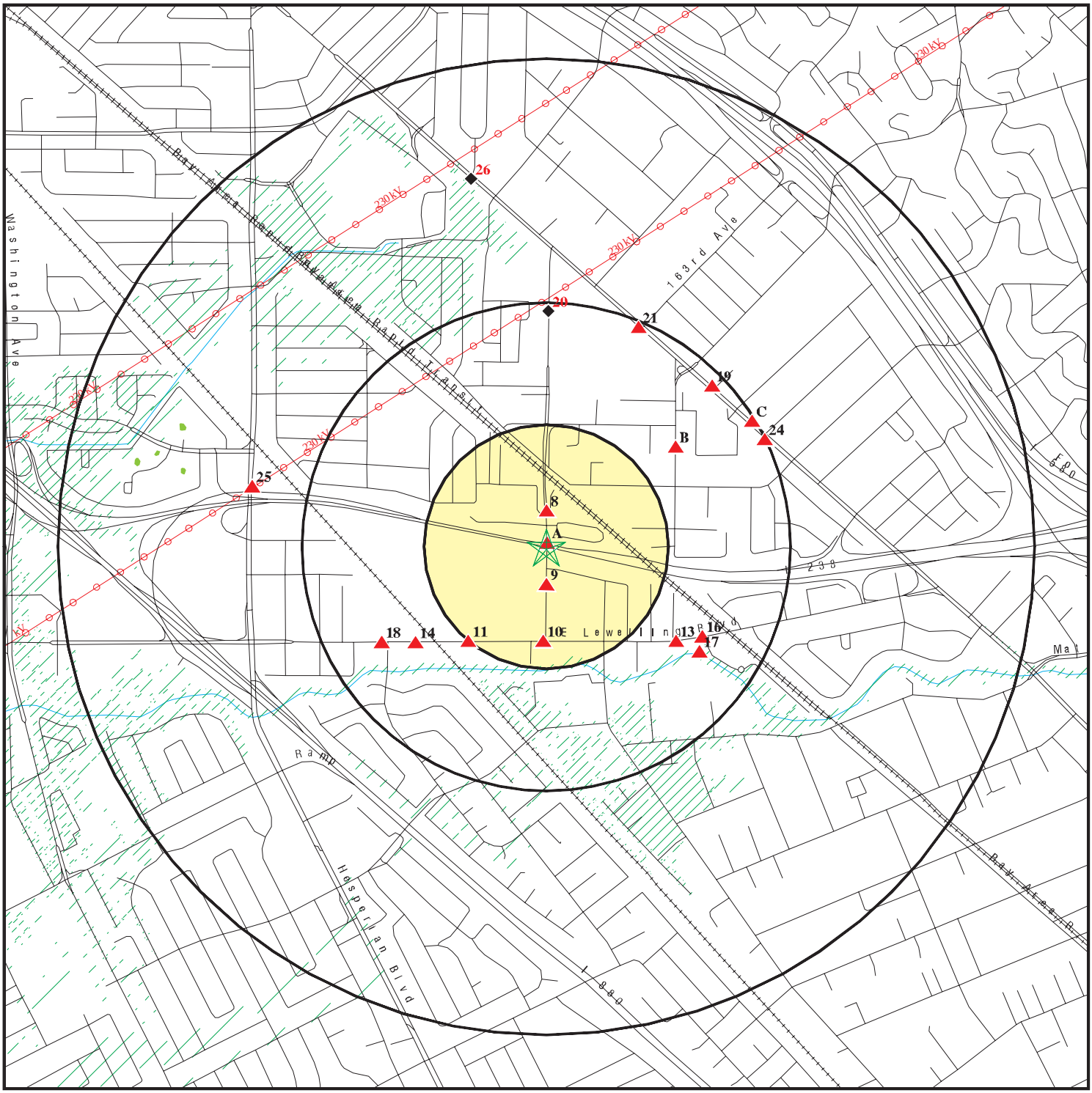
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOUR STAR LUMBER CO	15444 HESPERIAN BOUL	WNW 1/2 - 1 (0.615 mi.)	25	14

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL SERVICE STATI	15803 EAST 14TH STRE	NNW 1/2 - 1 (0.769 mi.)	26	14

Count: 21 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ALAMEDA COUNTY	2011978414	16TH AVE OVERPASS NONE	16TH AVE OVERPASS NONE		ERNS
ALAMEDA COUNTY	2011978089	3201-3675 ALAMEDA AVE. GPS 37.76.8	3201-3675 ALAMEDA AVE. GPS 37.		ERNS
ALAMEDA COUNTY	1014915220	BRANN STREET MERCURY	6408 BRANN STREET		CERCLIS
ALAMEDA COUNTY	2011975687	CORNER OF PARK STREET AND ALAMEDA	CORNER OF PARK STREET AND ALAM		ERNS
ALAMEDA COUNTY	2011974519	INTERSECTION OF 37TH AVE AND SAN L	INTERSECTION OF 37TH AVE AND S		ERNS
ALAMEDA COUNTY	2011981065	AT THE INTERSECTION OF GRAND AVE.	AT THE INTERSECTION OF GRAND A		ERNS
ALAMEDA COUNTY	2011972084	TRANISENT MOORAGE 201 UNIVERSITY A	TRANISENT MOORAGE 201 UNIVERSI		ERNS
CASTRO VALLEY	92280755	2047 WISTERIA AVE	2047 WISTERIA AVE	94546	ERNS
HAYWARD	1003879390	EDEN ROCK PROPS	3146, 3167 & 3191 CORPORATE PL	94541	CERC-NFRAP
HAYWARD	1003879275	ARDEN ROAD PROPERTY	ARDEN RD	94541	CERC-NFRAP
HAYWARD	S109442335	EAST AVE PAVEMENT REHABABILITATION	E AVENUE BETWEEN ST E & WINDF	94541	NPDES
HAYWARD	1003878524	BAY CITIES RUBBISH DSPL CO	FOOT OF W WINTON AVE	94541	CERC-NFRAP
HAYWARD	S105024045	LONG, GARY A. & VIRGINIA	17754 MEEKLAND 25	94541	HIST CORTESE
SAN LEANDRO	S111711244	LLOYD WISE NISSAN	110 14TH ST E	94578	LUST
SAN LEANDRO	S104752523	LLOYD WISE NISSAN	110 14TH ST E	94578	HIST CORTESE, LUST
SAN LEANDRO	1003878920	PG&E GAS PLANT SAN LEANDRO	ALVARDO & ST JOHNS STS	94578	CERC-NFRAP
SAN LEANDRO	92291045	LEWELLING BLVD AND WASHINGTON AVE	LEWELLING BLVD AND WASHINGTON	94579	ERNS
SAN LORENZO	U001598558	ORO LOMA CORPORATION YARD	2600 GRANT AVE	94580	HIST UST, CHMIRS
SAN LORENZO	S106934072	VERN'S SERVICE OF SAN LORENZO	18 E LEWELLING L	94580	SWEEPS UST
SAN LORENZO	2009897905	PASEO GRANDE AVE.	PASEO GRANDE AVE.		ERNS
SAN LORENZO	2008897905	PASEO GRANDE AVE.	PASEO GRANDE AVE.		ERNS

OVERVIEW MAP - 3363074.2s

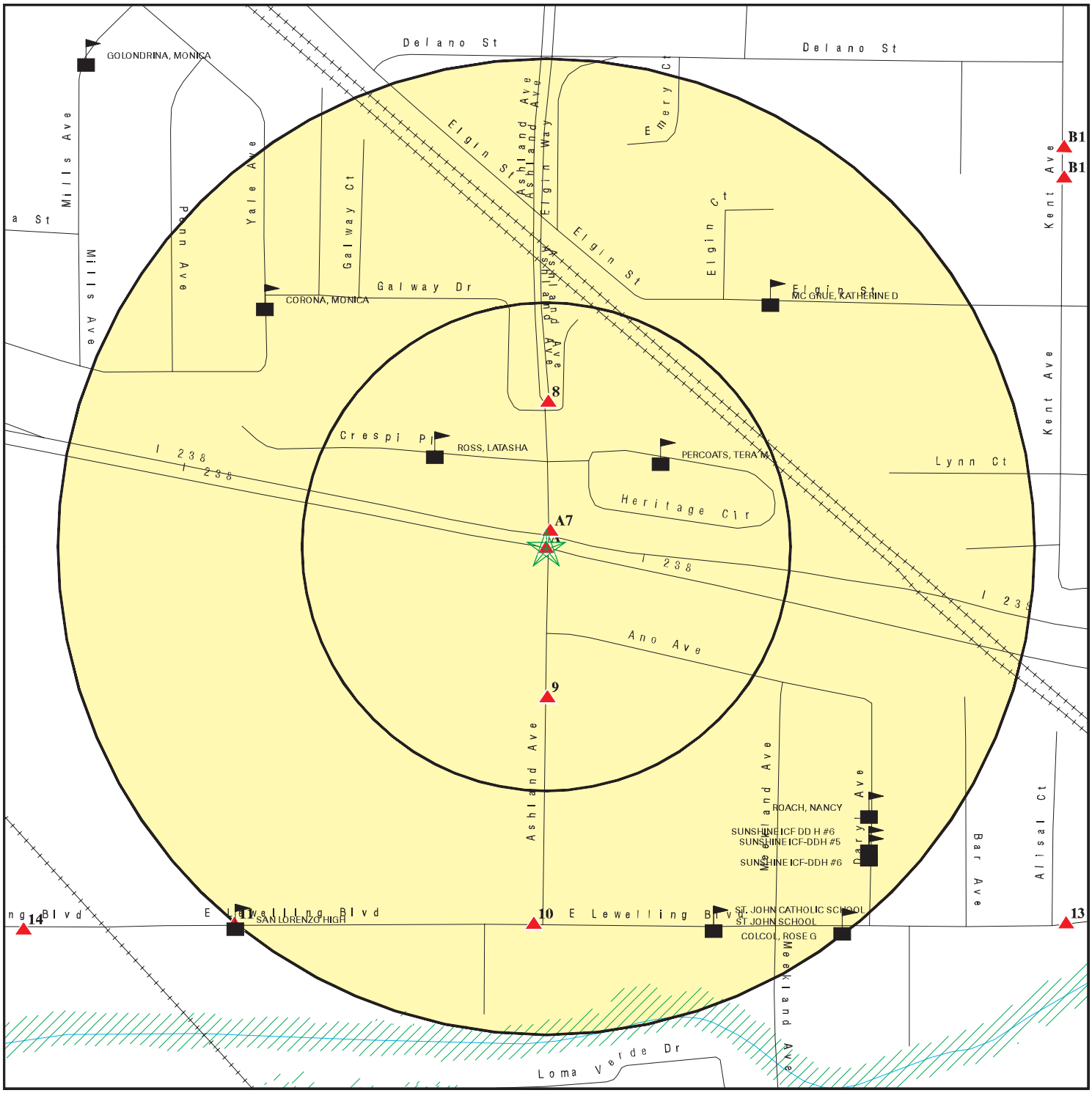


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 16501 Ashland Ave	CLIENT: Environmental Risk Specialties Corp
ADDRESS: 16501 Ashland Ave San Lorenzo CA 94580	CONTACT: Yola Bayram
LAT/LONG: 37.6895 / 122.119	INQUIRY #: 3363074.2s DATE: July 09, 2012 5:24 pm

DETAIL MAP - 3363074.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

0 1/16 1/8 1/4 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 16501 Ashland Ave	CLIENT: Environmental Risk Specialties Corp
ADDRESS: 16501 Ashland Ave San Lorenzo CA 94580	CONTACT: Yola Bayram
LAT/LONG: 37.6895 / 122.119	INQUIRY #: 3363074.2s DATE: July 09, 2012 5:27 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250	1	0	0	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	0	NR	1
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500	2	1	1	8	NR	NR	12
SLIC	0.500		0	0	2	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Alameda County CS	0.500	1	1	1	8	NR	NR	11
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250	1	1	0	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250	3	1	0	NR	NR	NR	4
SWEEPS UST	0.250	1	3	0	NR	NR	NR	4
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP	1	NR	NR	NR	NR	NR	1
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500	1	1	1	7	NR	NR	10
Notify 65	1.000		0	0	0	2	NR	2
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	1	NR	NR	NR	NR	NR	1
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
PROC	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Historical Auto Stations	0.250		0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
A1	**CALIFORNIA NATL GUARD FACILITY**	**LUST**	**S102509587**
Target	**16501 ASHLAND AVE**		**N/A**
Property	**SAN LORENZO, CA 94580**		
Actual: **39 ft.**	Click here for full text details		
	LUST		
	Facility Status: Case Closed		
A2	**OMS #35**	**RCRA-SQG**	**1000100277**
Target	**16501 ASHLAND AVE**	**FINDS**	**CAD981369085**
Property	**SAN LORENZO, CA 94580**	**NPDES**	
		HIST CORTESE	
		LUST	
Actual: **39 ft.**	Click here for full text details	**Alameda County CS**	
		HAZNET	
	NPDES		
	Facility Status: Active		
	LUST		
	Status: Completed - Case Closed		
	Alameda County CS		
	Status: Case Closed		
A3	**SAN LORENZO OMS #35**	**HIST UST**	**U001598561**
Target	**16501 ASHLAND AVE**		**N/A**
Property	**SAN LORENZO, CA 94580**		
Actual: **39 ft.**	Click here for full text details		
A4	**SAN LORENZO SATELLITE SUPPORT**	**HIST UST**	**U001598563**
Target	**16501 ASHLAND AVE**		**N/A**
Property	**SAN LORENZO, CA 94580**		
Actual: **39 ft.**	Click here for full text details		

A5
Target Property
ORGANIZATIONAL SHOP 35
16501 ASHLAND AVE.
SAN LORENZO, CA 94580

UST **U003986447**
N/A

Actual: 39 ft.

Click here for full text details

UST
Facility Status: Closed or Inactive

A6
Target Property
SAN LORENZO SATELLITE SUPPORT
16501 ASHLAND AVE
SAN LORENZO, CA 94580

HIST UST **U001598562**
SWEEPS UST **N/A**

Actual: 39 ft.

Click here for full text details

A7
NNE
< 1/8
0.009 mi.
48 ft.
Relative: Higher
LANGENDORF
16496 ASHLAND AVE
SAN LORENZO, CA 94580

HIST UST **U001598553**
SWEEPS UST **N/A**

Click here for full text details

8
North
< 1/8
0.075 mi.
395 ft.
Relative: Higher
GEAR WORKS
16446 AHSLAND AVE.
SAN LORENZO, CA 94580

UST **U003776439**
SWEEPS UST **N/A**

Click here for full text details

UST
Facility Status: Closed or Inactive

SWEEPS UST
Status: A

9
South
< 1/8
0.077 mi.
404 ft.
Relative: Higher
KAWAHARA NURSERY
16550 ASHLAND
SAN LORENZO, CA 94580

HIST CORTESE **S102432131**
LUST **N/A**
Alameda County CS
SWEEPS UST

Click here for full text details

LUST
Facility Status: Preliminary site assessment underway
Status: Open - Site Assessment

Alameda County CS
Status: Pollution Characterization

10
South
1/8-1/4
0.193 mi.
1017 ft.

Relative:
Higher

NEW PERFORMANCE
186 LEWELLING
SAN LORENZO, CA 94590

HIST CORTESE **S102434336**
LUST **N/A**
Alameda County CS

Click here for full text details

LUST
Facility Status: Preliminary site assessment underway
Status: Completed - Case Closed

Alameda County CS
Status: Leak Confirmation
Status: Preliminary Site Assessment Underway
Status: Pollution Characterization

11
SW
1/4-1/2
0.250 mi.
1321 ft.

Relative:
Higher

SAN LORENZO USD-SLHS
50 E LEWELLING BLVD
SAN LORENZO, CA 94580

NPDES **S109431294**
LUST **N/A**
Alameda County CS
HAZNET

Click here for full text details

NPDES
Facility Status: Active

LUST
Status: Open - Site Assessment

Alameda County CS
Status: Leak Confirmation
Status: Pollution Characterization

B12
NE
1/4-1/2
0.326 mi.
1721 ft.

Relative:
Higher

PLANTS UNLIMITED
16450 KENT AVE
SAN LORENZO, CA 94580

HIST CORTESE **U001598560**
LUST **N/A**
Alameda County CS
HIST UST
SWEEPS UST

Click here for full text details

LUST
Facility Status: Case Closed
Status: Completed - Case Closed

Alameda County CS
Status: Case Closed

13
SE
1/4-1/2
0.328 mi.
1734 ft.

Relative:
Higher

CHEVRON SS# 9-0796
4991 CARPINTERIA AVE
CARPINTERIA, CA

HIST CORTESE
LUST
Alameda County CS
SWEEPS UST

S103472436
N/A

Click here for full text details

LUST
Facility Status: Preliminary site assessment underway
Status: Case Closed
Status: Open - Site Assessment

Alameda County CS
Status: Pollution Characterization

SWEEPS UST
Status: A
Status: A
Status: A

14
SW
1/4-1/2
0.331 mi.
1750 ft.

Relative:
Higher

BEACON
44 LEWELLING
SAN LORENZO, CA 94580

HIST CORTESE
LUST
Alameda County CS
SWEEPS UST
HAZNET

S102439561
N/A

Click here for full text details

LUST
Facility Status: Remedial action (cleanup) Underway
Status: Open - Remediation

Alameda County CS
Status: Leak Confirmation
Status: Preliminary Site Assessment Workplan Submitted
Status: Preliminary Site Assessment Underway
Status: Pollution Characterization
Status: Remediation Plan
Status: Remedial Action Underway
Status: Verificaiton Monitoring Underway

SWEEPS UST
Status: A
Status: A
Status: A

B15
NE
1/4-1/2
0.335 mi.
1770 ft.

Relative:
Higher

KENT GARDENS
16438 KENT AVENUE
SAN LORENZO, CA

SLIC

S106717778
N/A

Click here for full text details

SLIC
Facility Status: Completed - Case Closed

KENT GARDENS (Continued) **S106717778**

Facility Status: Completed - Case Closed

16
ESE
1/4-1/2
0.369 mi.
1946 ft.

Relative:
Higher

EBMUD SOUTH AREA SERVICE CENTER **Alameda County CS** **S106925642**
589 E LEWELLING BLVD **SWEEPS UST** **N/A**
SAN LORENZO, CA 94580

Click here for full text details

Alameda County CS
Status: Leak Confirmation
Status: Preliminary Site Assessment Workplan Submitted
Status: Preliminary Site Assessment Underway

SWEEPS UST
Status: A
Status: A
Status: A
Status: A
Status: A

17
SE
1/4-1/2
0.380 mi.
2006 ft.

Relative:
Higher

SOUTH AREA SERVICE CENTER **LUST** **U001598564**
589 LEWELLING AVENUE **HIST UST** **N/A**
SAN LORENZO, CA 94580

Click here for full text details

LUST
Status: Open - Site Assessment

18
WSW
1/4-1/2
0.389 mi.
2055 ft.

Relative:
Higher

SOUTHLAND CORP **HIST CORTESE** **S102437903**
100 LEWELLING **LUST** **N/A**
SAN LORENZO, CA 94580 **Alameda County CS**
SWEEPS UST

Click here for full text details

LUST
Facility Status: Case Closed
Status: Completed - Case Closed

Alameda County CS
Status: Case Closed

19
NE
1/4-1/2
0.474 mi.
2503 ft.

Relative:
Higher

CHRIS' RICHFIELD SERVICE
16446 14TH
SAN LEANDRO, CA 94578

Click here for full text details

Database(s): HIST CORTESE
EDR ID Number: S102427865
EPA ID Number: N/A

20
North
1/4-1/2
0.483 mi.
2549 ft.

Relative:
Lower

OKADA PROPERTY
16109 ASHLAND
SAN LEANDRO, CA 94580

Click here for full text details

Database(s): HIST CORTESE, LUST, Alameda County CS
EDR ID Number: S102434618
EPA ID Number: N/A

LUST
Facility Status: Case Closed
Status: Completed - Case Closed

Alameda County CS
Status: Case Closed

21
NNE
1/4-1/2
0.488 mi.
2579 ft.

Relative:
Higher

JACK HOLLAND
16301 14TH
SAN LEANDRO, CA 94578

Click here for full text details

Database(s): HIST CORTESE, LUST, Alameda County CS, HIST UST, SWEEPS UST, HAZNET
EDR ID Number: U001598514
EPA ID Number: N/A

LUST
Facility Status: Preliminary site assessment underway
Status: Open - Remediation
Status: Completed - Case Closed

Alameda County CS
Status: Preliminary Site Assessment Workplan Submitted
Status: Pollution Characterization
Status: Pollution Characterization
Status: Case Closed

SWEEPS UST
Status: A
Status: A
Status: A
Status: A
Status: A
Status: A
Status: A
Status: A

C22
ENE
1/4-1/2
0.494 mi.
2609 ft.

Relative:
Higher

E. 14TH STREET AUTO WRECKERS — **CERC-NFRAP** — **1003877940**
16552 E. 14TH STREET — **UST** — **CAD983566472**
SAN LEANDRO, CA 94578

Click here for full text details

UST
Facility Status: Active

C23
ENE
1/4-1/2
0.494 mi.
2609 ft.

Relative:
Higher

EAST 14TH STREET AUTOWRECKERS — **ENVIROSTOR** — **S102008261**
16552 EAST 14TH ST — **N/A**
ASHLAND, CA 94578

Click here for full text details

ENVIROSTOR
Status: Refer: Other Agency
Status: No Further Action

24
ENE
1/4-1/2
0.499 mi.
2634 ft.

Relative:
Higher

SEE THE DOCTOR TRANSMISSION — **SLIC** — **S108246076**
16611 14TH — **N/A**
SAN LEANDRO, CA 94578

Click here for full text details

SLIC
Facility Status: Open - Site Assessment
Facility Status: Open - Site Assessment

25
WNW
1/2-1
0.615 mi.
3247 ft.

Relative:
Higher

FOUR STAR LUMBER CO — **Notify 65** — **S100179438**
15444 HESPERIAN BOULEVARD — **N/A**
SAN LEANDRO, CA 92584

Click here for full text details

26
NNW
1/2-1
0.769 mi.
4062 ft.

Relative:
Lower

UNOCAL SERVICE STATION #6277 — **Notify 65** — **S100178990**
15803 EAST 14TH STREET — **N/A**
SAN LEANDRO, CA 92584

Click here for full text details

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	AST	Aboveground Petroleum Storage Tank Facilities	State Water Resources Control Board	08/01/2009	09/10/2009	10/01/2009
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2011	02/14/2012	02/21/2012
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	03/28/2012	05/01/2012	05/25/2012
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	04/02/2012	04/03/2012	06/11/2012
CA	DEED	Deed Restriction Listing	Department of Toxic Substances Control	06/11/2012	06/12/2012	07/06/2012
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	01/19/2012	01/19/2012	02/21/2012
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2008	09/29/2010	10/18/2010
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	08/15/2011	08/23/2011	10/03/2011
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	06/13/2012	06/14/2012	07/06/2012
CA	FINANCIAL ASSURANCE 1	Financial Assurance Information Listing	Department of Toxic Substances Control	03/01/2007	06/01/2007	06/29/2007
CA	FINANCIAL ASSURANCE 2	Financial Assurance Information Listing	California Integrated Waste Management Board	05/23/2012	05/24/2012	07/06/2012
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	05/10/2012	05/10/2012	05/25/2012
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2011	06/22/2012	07/06/2012
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	08/09/2010	08/11/2010	08/20/2010
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	04/11/2012	04/12/2012	05/08/2012
CA	LDS	Land Disposal Sites Listing	State Water Qualilty Control Board	06/14/2012	06/14/2012	07/06/2012
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	03/12/2012	03/13/2012	04/02/2012
CA	LUST	Geotracker's Leaking Underground Fuel Tank Report	State Water Resources Control Board	06/14/2012	06/14/2012	06/21/2012
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MCS	Military Cleanup Sites Listing	State Water Resources Control Board	06/14/2012	06/14/2012	07/06/2012
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	06/01/2012	06/12/2012	07/06/2012
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	10/21/1993	11/01/1993	11/19/1993
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	05/21/2012	05/22/2012	06/21/2012
CA	PROC	Certified Processors Database	Department of Conservation	06/11/2012	06/14/2012	07/06/2012
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	06/13/2012	06/14/2012	07/06/2012
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	06/13/2012	06/14/2012	07/06/2012
CA	SLIC	Statewide SLIC Cases	State Water Resources Control Board	06/14/2012	06/14/2012	06/21/2012
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	05/21/2012	05/22/2012	06/21/2012
CA	SWRCY	Recycler Database	Department of Conservation	06/11/2012	06/14/2012	07/06/2012
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	12/09/2011	02/29/2012	04/04/2012
CA	UST	Active UST Facilities	SWRCB	06/14/2012	06/14/2012	07/06/2012
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	09/23/2009	09/23/2009	10/01/2009
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	06/13/2012	06/14/2012	07/06/2012
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	11/11/2011	05/18/2012	05/25/2012
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2009	03/01/2011	05/02/2011
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	12/27/2011	02/27/2012	03/12/2012
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	12/28/2011	02/27/2012	03/12/2012
US	COAL ASH DOE	Sleam-Electric Plan Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	08/17/2010	01/03/2011	03/21/2011
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/01/2011	01/25/2012	03/01/2012
US	CORRACTS	Corrective Action Report	EPA	08/19/2011	08/31/2011	01/10/2012
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DELISTED NPL	National Priority List Deletions	EPA	03/30/2012	04/05/2012	05/15/2012
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/29/2011	08/09/2011	11/11/2011
US	EDR Historical Auto Stations	EDR Proprietary Historic Gas Stations	EDR, Inc.			
US	EDR Historical Cleaners	EDR Proprietary Historic Dry Cleaners	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	03/31/2012	05/17/2012	06/14/2012
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	04/02/2012	04/03/2012	06/14/2012
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	12/10/2010	01/11/2011	02/16/2011
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	10/23/2011	12/13/2011	03/01/2012
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	12/31/2009	08/12/2010	12/02/2010
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	04/01/2012	04/03/2012	06/14/2012
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	07/20/2011	11/10/2011	01/10/2012
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/01/2011	11/01/2011	11/11/2011
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	02/01/2012	02/02/2012	05/15/2012
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	12/14/2011	12/15/2011	01/10/2012
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	09/12/2011	09/13/2011	11/11/2011
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	02/07/2012	02/17/2012	05/15/2012

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	08/18/2011	08/19/2011	09/13/2011
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	02/14/2012	02/17/2012	05/15/2012
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/01/2011	11/01/2011	11/11/2011
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	02/01/2012	02/02/2012	05/15/2012
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	12/14/2011	12/15/2011	01/10/2012
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	02/28/2012	02/29/2012	05/15/2012
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/10/2011	05/11/2011	06/14/2011
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	02/07/2012	02/17/2012	05/15/2012
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	08/18/2011	08/19/2011	09/13/2011
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	11/28/2011	11/29/2011	01/10/2012
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	02/17/2012	04/03/2012	05/15/2012
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/16/2012	03/26/2012	06/14/2012
US	LUCIS	Land Use Control Information System	Department of the Navy	12/09/2005	12/11/2006	01/11/2007
US	MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/18/2011	09/08/2011	09/29/2011
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	06/21/2011	07/15/2011	09/13/2011
US	Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	NPL	National Priority List	EPA	05/08/2012	05/10/2012	05/15/2012
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	11/01/2010	11/10/2010	02/16/2011
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	Proposed NPL	Proposed National Priority List Sites	EPA	03/30/2012	04/05/2012	05/15/2012
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	01/10/2012	01/12/2012	03/01/2012
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/15/2012	04/04/2012	05/15/2012
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/15/2012	04/04/2012	05/15/2012
US	RCRA-NonGen	RCRA - Non Generators	Environmental Protection Agency	03/15/2012	04/04/2012	05/15/2012
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/15/2012	04/04/2012	05/15/2012
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/15/2012	04/04/2012	05/15/2012
US	ROD	Records Of Decision	EPA	02/27/2012	03/14/2012	06/14/2012
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2009	09/01/2011	01/10/2012
US	TSCA	Toxic Substances Control Act	EPA	12/31/2006	09/29/2010	12/02/2010
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/27/2011	06/27/2011	09/13/2011
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	02/02/2012	03/13/2012	06/14/2012
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	12/30/2011	12/30/2011	01/10/2012
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	05/24/2012	06/05/2012	06/14/2012
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	09/01/2007	11/19/2008	03/30/2009
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	12/30/2011	12/30/2011	01/10/2012

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	05/21/2012	05/22/2012	05/31/2012
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2010	07/20/2011	08/11/2011
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	05/01/2012	05/09/2012	06/14/2012
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2010	04/27/2012	06/05/2012
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2010	06/24/2011	06/30/2011
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2010	08/19/2011	09/15/2011
US	Oil/Gas Pipelines	GeoData Digital Line Graphs from 1:100,000-Scale Maps	USGS			
US	Electric Power Lines	Electric Power Transmission Line Data	Rextag Strategies Corp.			
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
CA	Daycare Centers	Sensitive Receptor: Licensed Facilities	Department of Social Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
US	USGS 7.5' Topographic Map	Scanned Digital USGS 7.5' Topographic Map (DRG)	USGS			

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

16501 ASHLAND AVE
16501 ASHLAND AVE
SAN LORENZO, CA 94580

TARGET PROPERTY COORDINATES

Latitude (North):	37.6895 - 37° 41' 22.20''
Longitude (West):	122.119 - 122° 7' 8.40''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	577677.1
UTM Y (Meters):	4171525.5
Elevation:	39 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37122-F1 HAYWARD, CA
Most Recent Revision:	1980
West Map:	37122-F2 SAN LEANDRO, CA
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

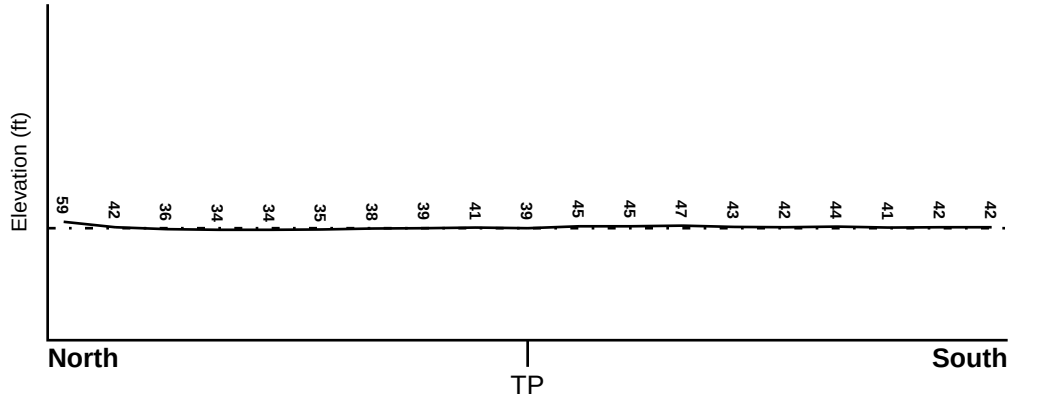
TOPOGRAPHIC INFORMATION

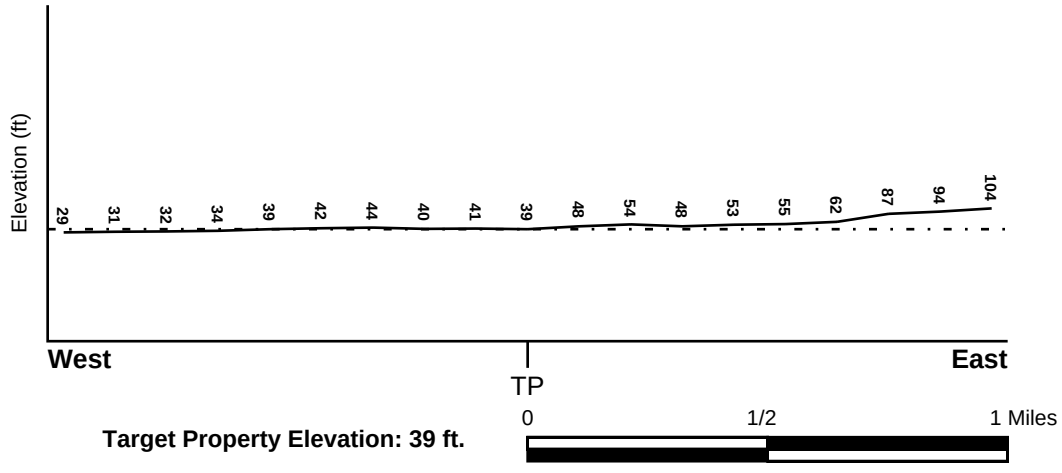
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





0 1/2 1 Miles

Target Property Elevation: 39 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
ALAMEDA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06001C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HAYWARD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A1	0 - 1/8 Mile SSE	E
A2	0 - 1/8 Mile South	E
A3	0 - 1/8 Mile South	E
B5	1/4 - 1/2 Mile SW	SW
B6	1/4 - 1/2 Mile SW	SW
B7	1/4 - 1/2 Mile SW	NW
B8	1/4 - 1/2 Mile WSW	SW
C9	1/4 - 1/2 Mile NNE	SW
C10	1/4 - 1/2 Mile NNE	SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
C12	1/4 - 1/2 Mile NNE	SW
13	1/4 - 1/2 Mile North	W
D14	1/2 - 1 Mile NNE	NE, NW
D15	1/2 - 1 Mile North	NE, NW
E16	1/2 - 1 Mile SSE	SSE
E17	1/2 - 1 Mile SSE	SSE
G20	1/2 - 1 Mile North	NW
H21	1/2 - 1 Mile West	W
H22	1/2 - 1 Mile West	W
I24	1/2 - 1 Mile WSW	SW
I25	1/2 - 1 Mile WSW	SW
26	1/2 - 1 Mile North	NW
30	1/2 - 1 Mile NNE	W
31	1/2 - 1 Mile SSW	SW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

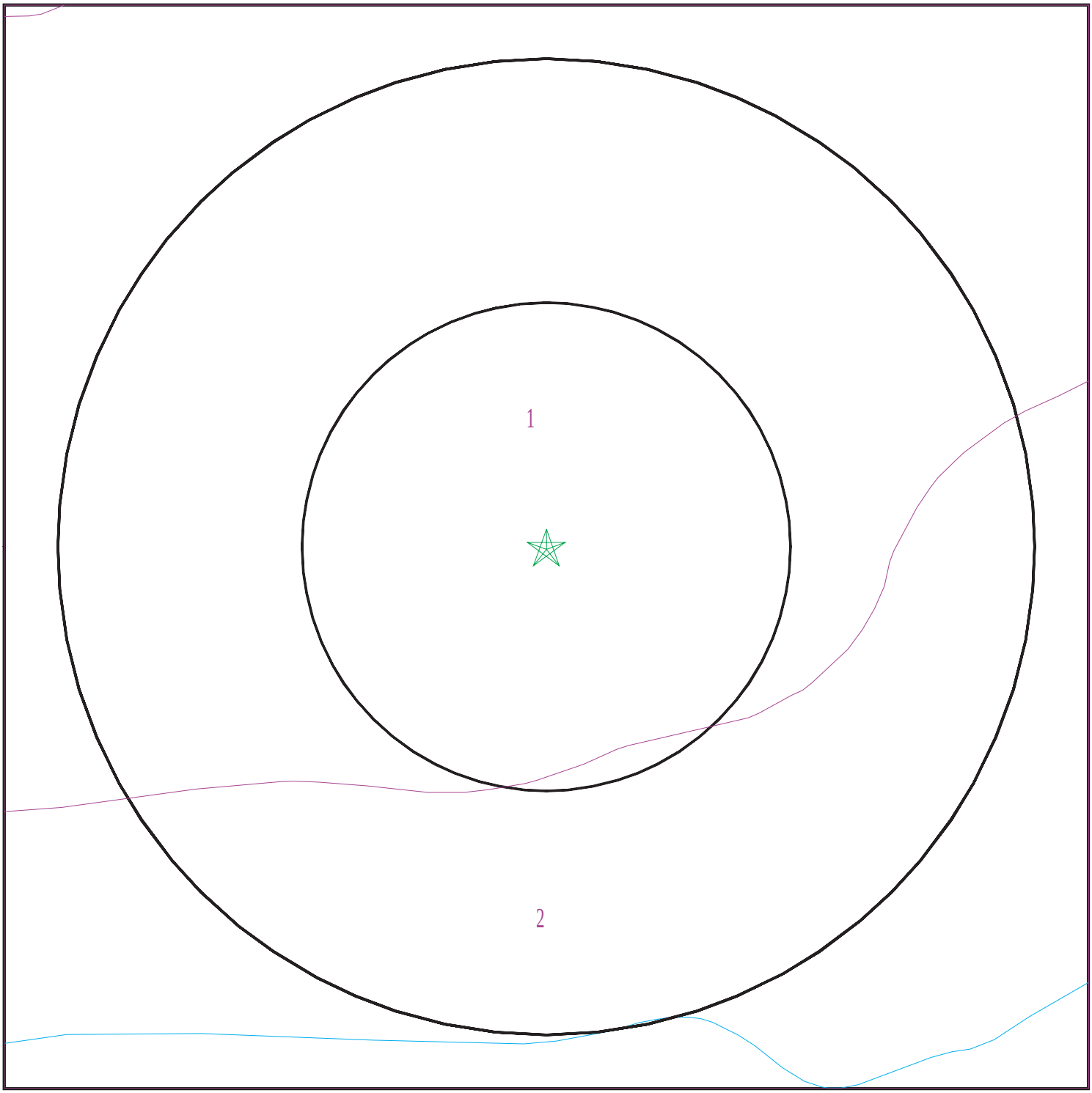
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3363074.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	16501 Ashland Ave	CLIENT:	Environmental Risk Specialties Corp
ADDRESS:	16501 Ashland Ave San Lorenzo CA 94580	CONTACT:	Yola Bayram
LAT/LONG:	37.6895 / 122.119	INQUIRY #:	3363074.2s
		DATE:	July 09, 2012 5:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Danville

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	20 inches	53 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	53 inches	79 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Yolo

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 6.1
2	7 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	USGS3235823	1/8 - 1/4 Mile WSW
11	USGS3235995	1/4 - 1/2 Mile SSE
F19	USGS3235996	1/2 - 1 Mile SE
J28	USGS3235820	1/2 - 1 Mile WSW
J29	USGS3235821	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

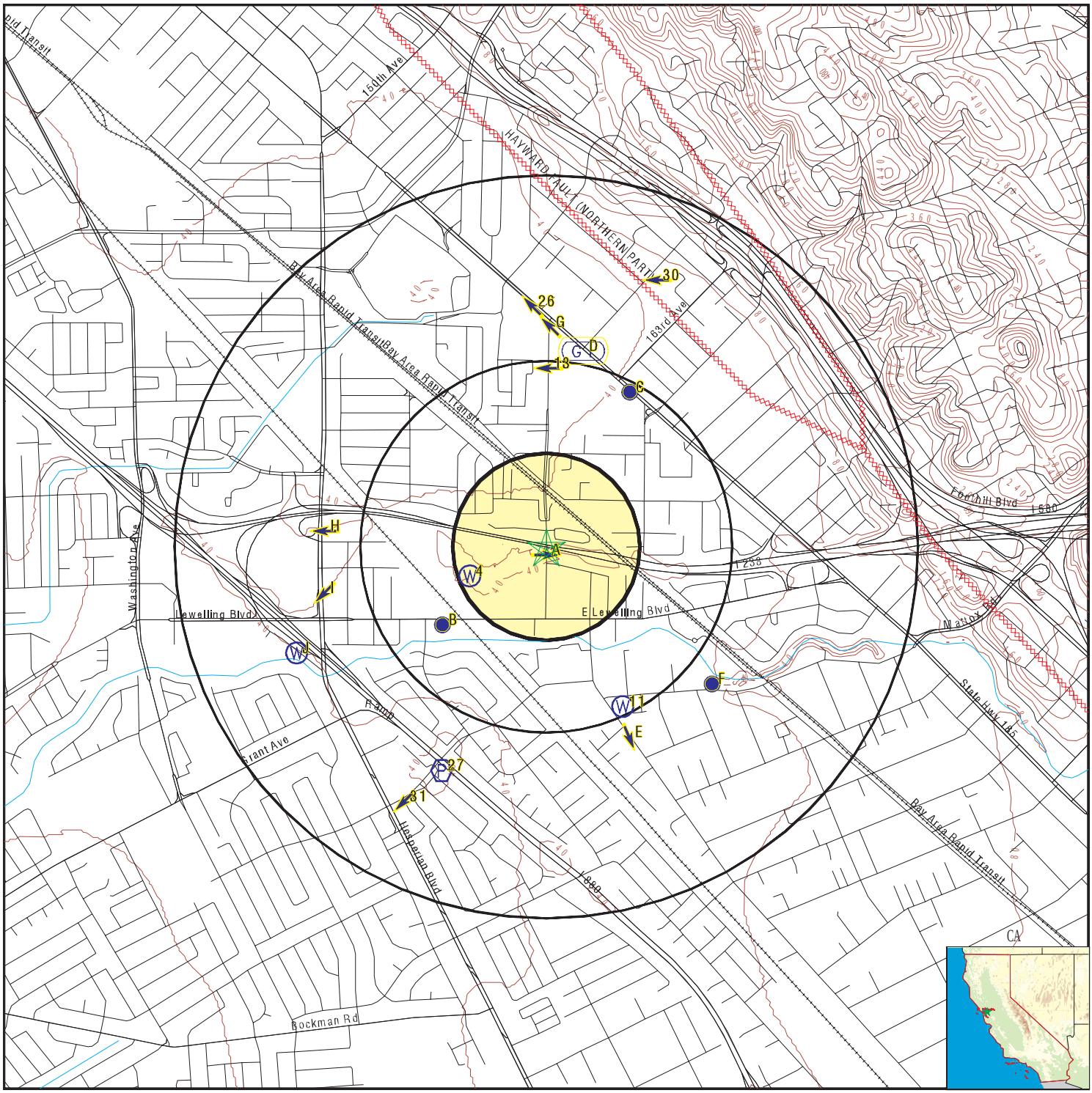
MAP ID	WELL ID	LOCATION FROM TP
27	CA1700563	1/2 - 1 Mile SSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F18	CADW40000037998	1/2 - 1 Mile SE
G23	CADW40000038069	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 3363074.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo CA 94580 LAT/LONG: 37.6895 / 122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY #: 3363074.2s DATE: July 09, 2012 5:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 **SSE** **0 - 1/8 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**52517**
A2 **South** **0 - 1/8 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**52519**
A3 **South** **0 - 1/8 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**52518**
4 **WSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS3235823**
B5 **SW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**52391**
B6 **SW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**52392**
B7 **SW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**52393**
B8 **WSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**68802**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
C9 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**52396**
C10 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**52398**
11 **SSE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS3235995**
C12 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**52397**
13 **North** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**52511**
D14 **NNE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**67600**
D15 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**67886**
E16 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**53505**
E17 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**53506**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
F18 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**CA WELLS**	**CADW40000037998**
F19 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS3235996**
G20 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**67597**
H21 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**52959**
H22 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**52960**
G23 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**CA WELLS**	**CADW40000038069**
I24 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**50309**
I25 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**50310**
26 **North** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**67598**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
27 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FRDS PWS**	**CA1700563**
J28 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS3235820**
J29 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS3235821**
30 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**AQUIFLOW**	**67884**
31 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**AQUIFLOW**	**68791**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94580	10	0

Federal EPA Radon Zone for ALAMEDA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ALAMEDA COUNTY, CA

Number of sites tested: 49

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

Appendix C
Topographic Maps

16501 Ashland Ave
16501 Ashland Ave
San Lorenzo, CA 94580

Inquiry Number: 3363074.4
July 10, 2012

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Historical Topographic Map

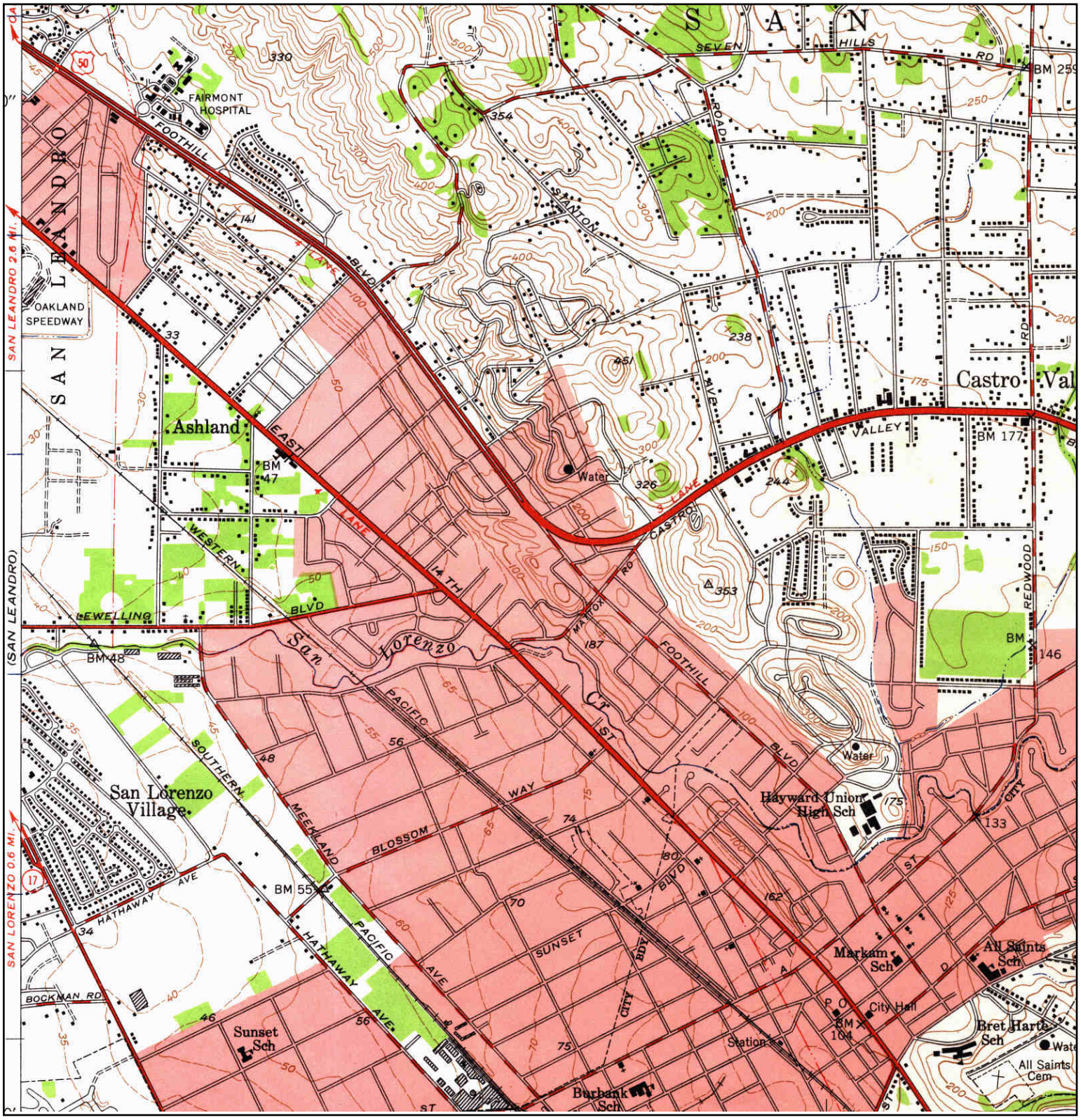
N	TARGET QUAD NAME: HAYWARDS MAP YEAR: 1899 SERIES: 15 SCALE: 1:62500	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Historical Topographic Map

N

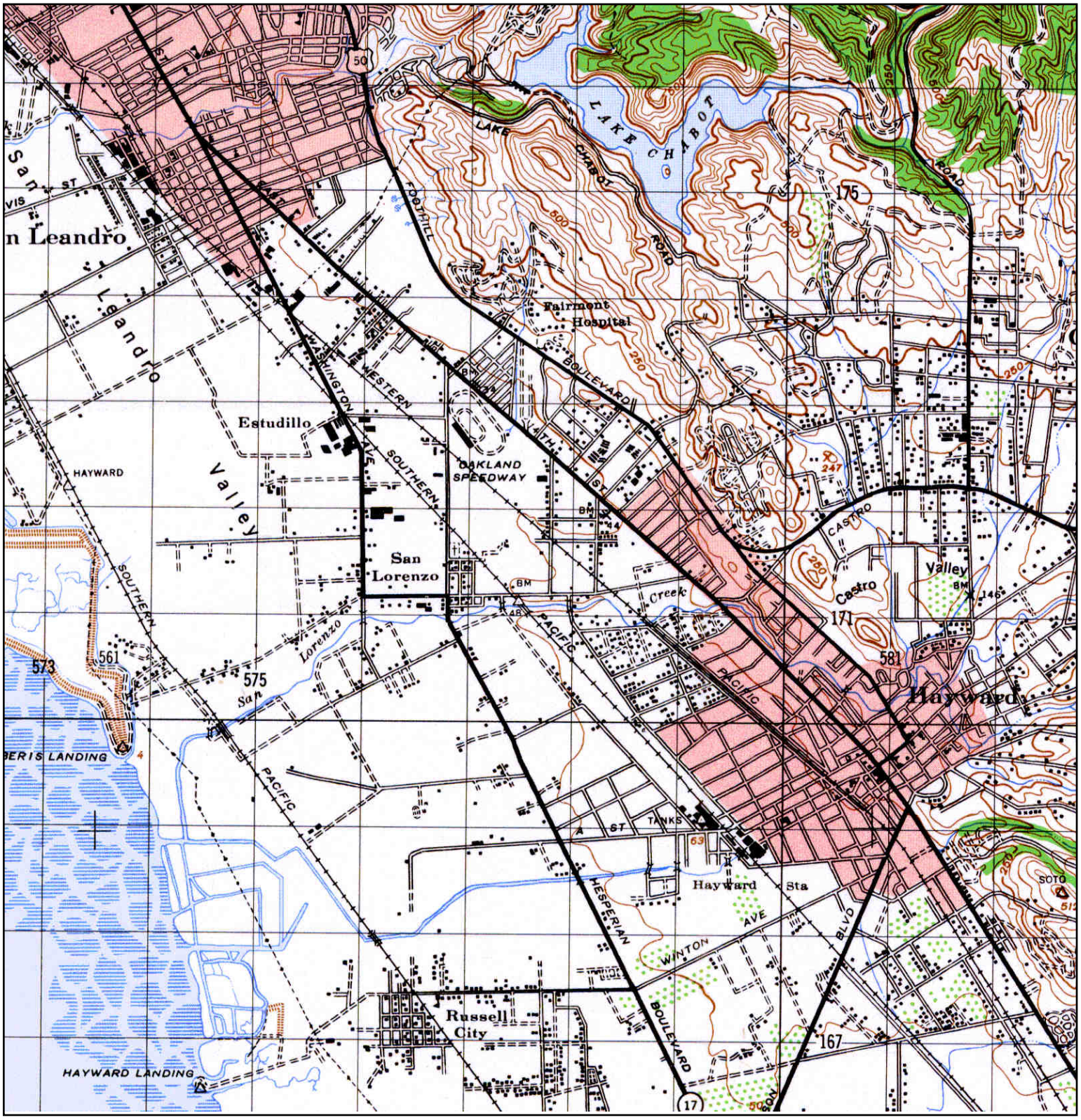
TARGET QUAD		SITE NAME:	16501 Ashland Ave	CLIENT:	Environmental Risk Specialties Corp
NAME:	HAYWARD	ADDRESS:	16501 Ashland Ave	CONTACT:	Yola Bayram
MAP YEAR:	1915		San Lorenzo, CA 94580	INQUIRY#:	3363074.4
SERIES:	15	LAT/LONG:	37.6895 / -122.119	RESEARCH DATE:	07/10/2012
SCALE:	1:62500				

Historical Topographic Map



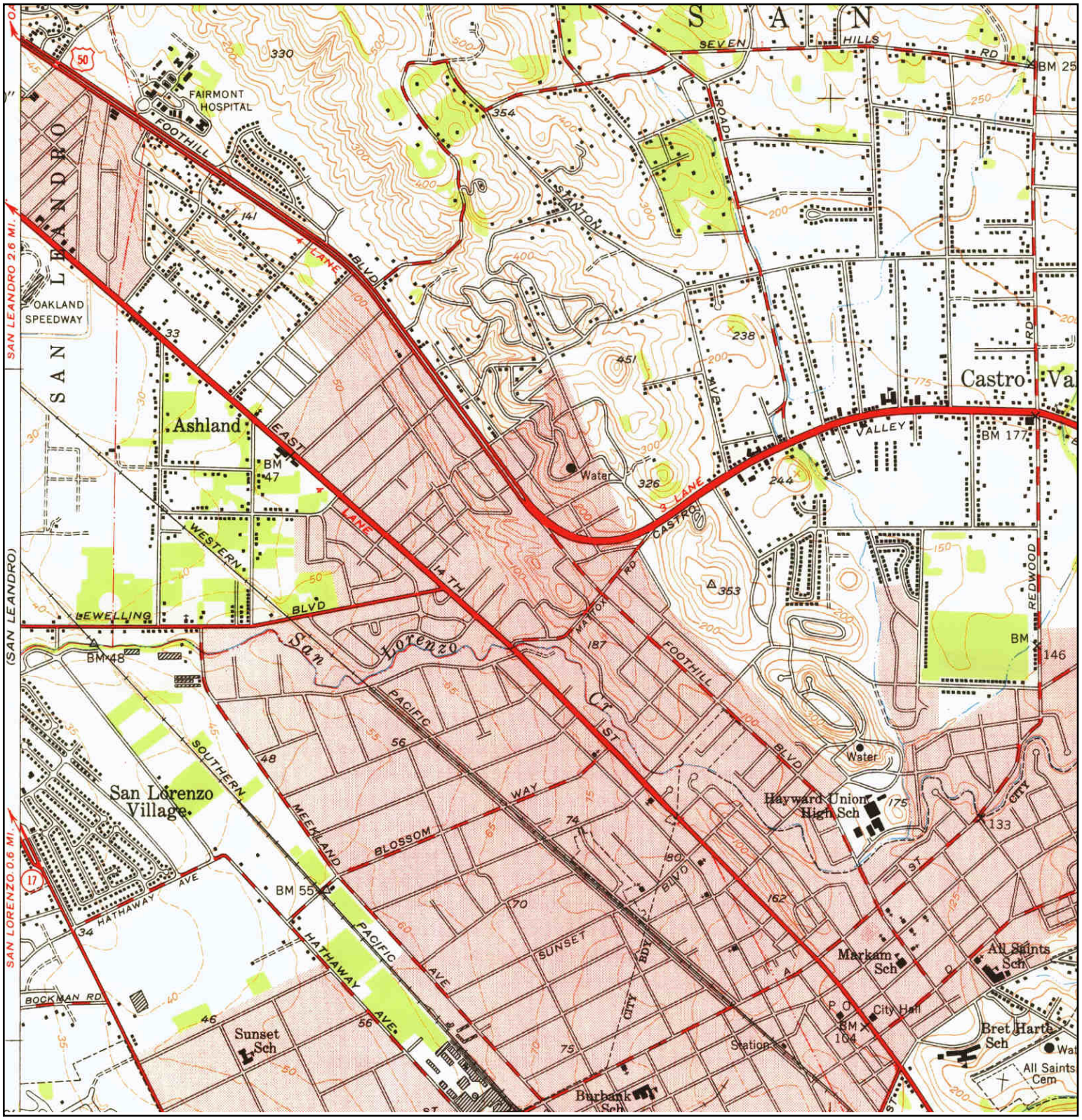
N	TARGET QUAD NAME: HAYWARD MAP YEAR: 1947 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Historical Topographic Map



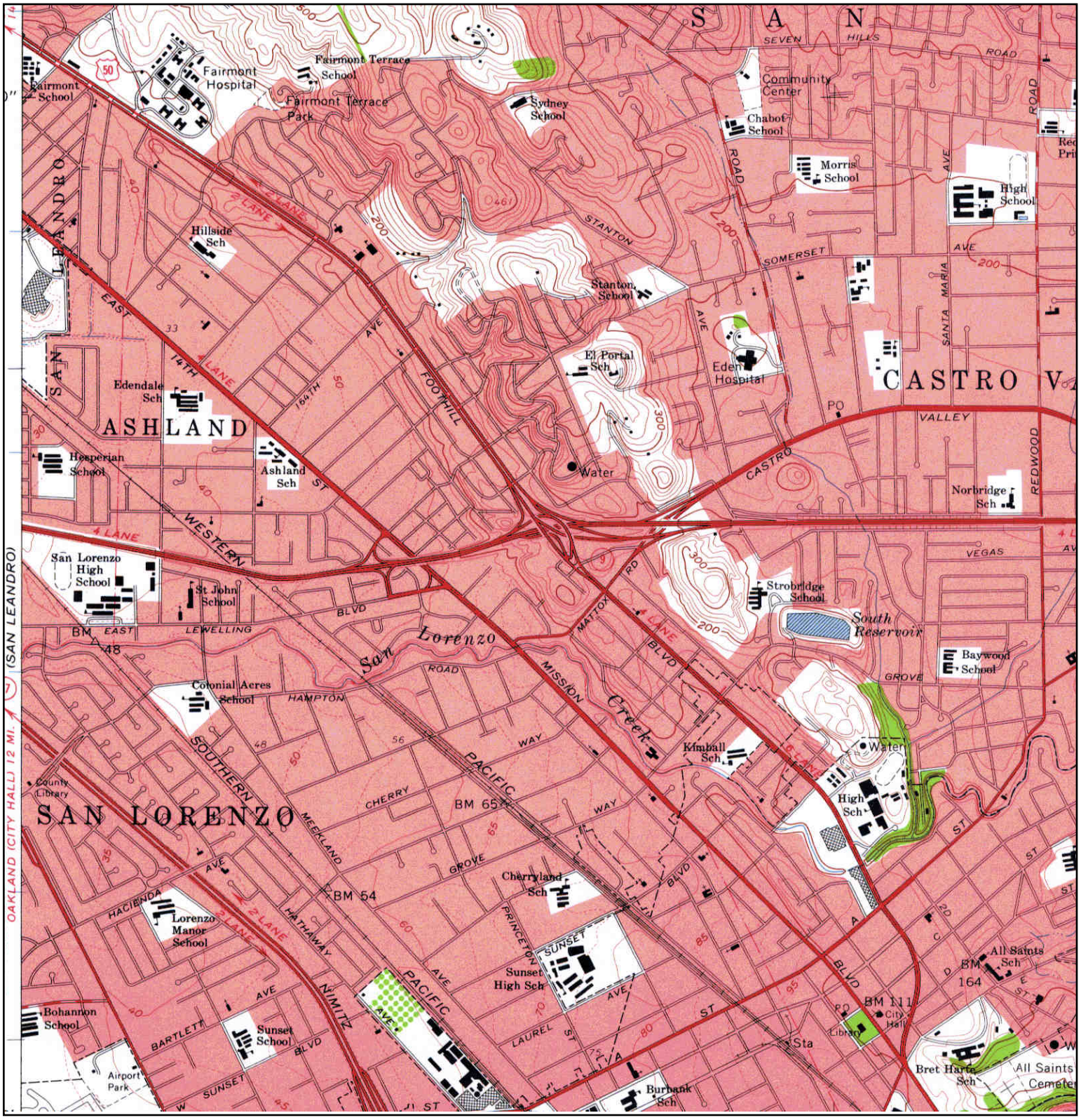
N	TARGET QUAD NAME: HAYWARD MAP YEAR: 1948 SERIES: 15 SCALE: 1:50000	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Historical Topographic Map



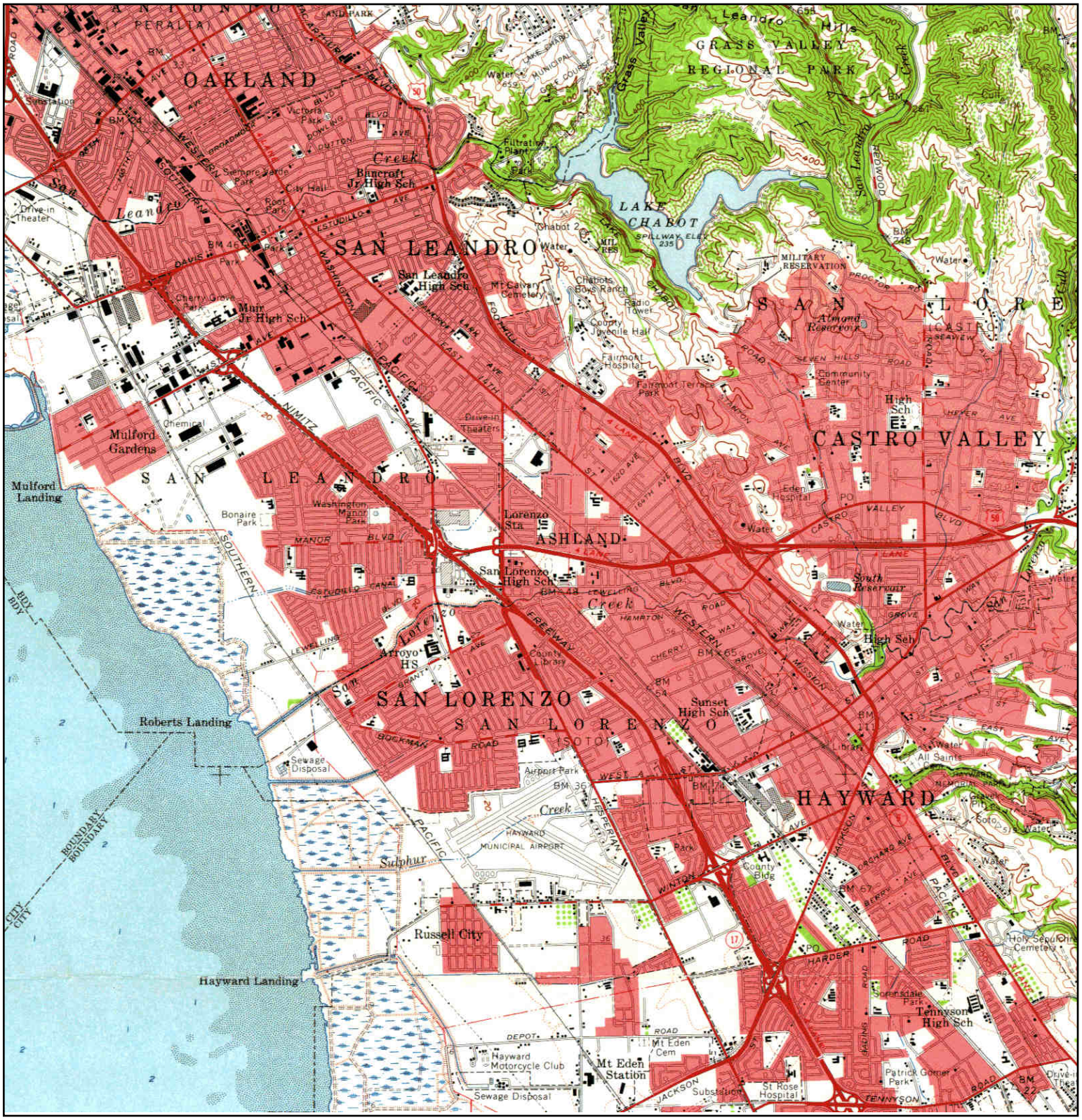
N	TARGET QUAD NAME: HAYWARD MAP YEAR: 1950 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Historical Topographic Map



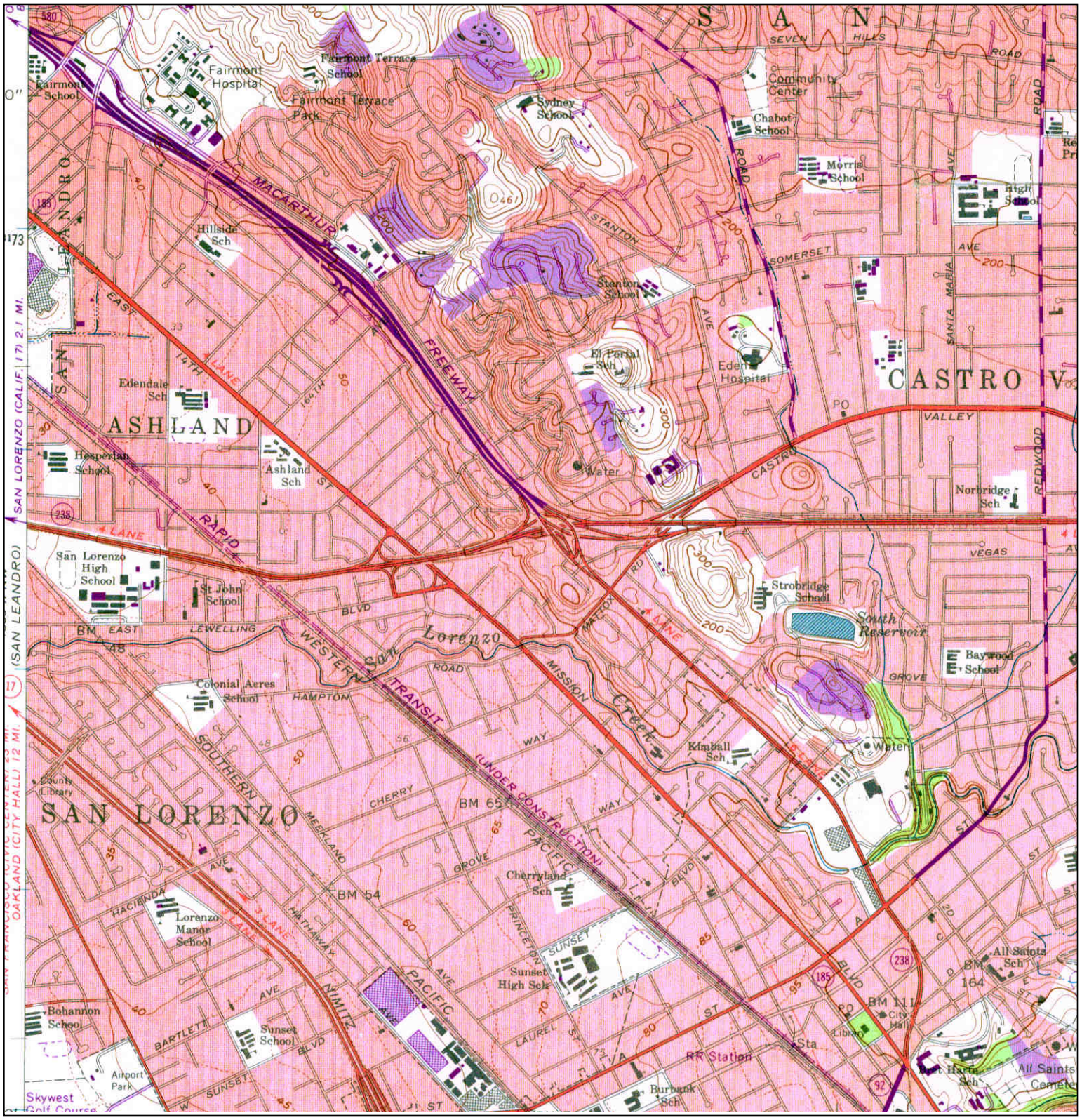
N	TARGET QUAD NAME: HAYWARD MAP YEAR: 1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Historical Topographic Map



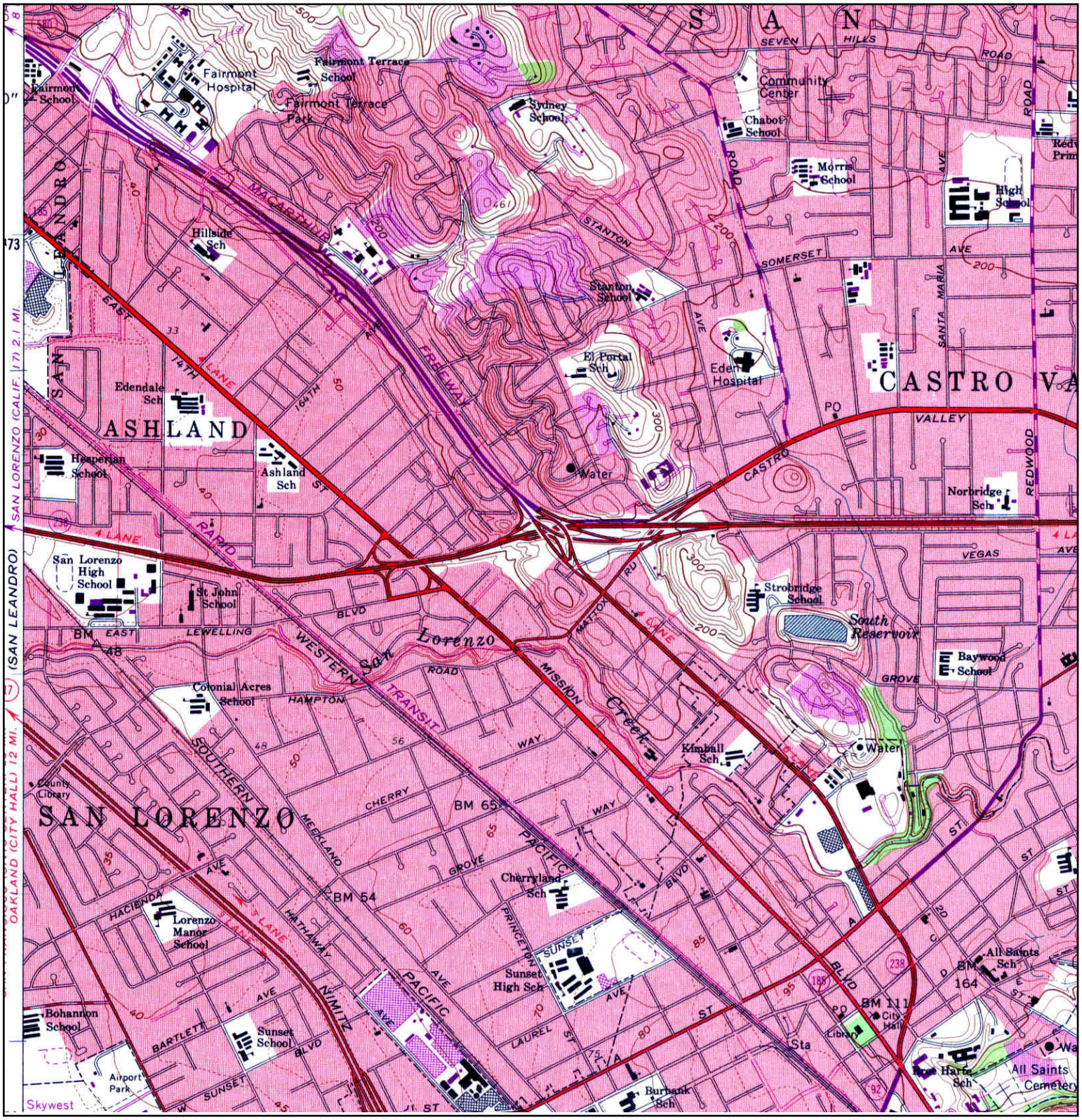
N	**TARGET QUAD** NAME: HAYWARD MAP YEAR: 1959 SERIES: 15 SCALE: 1:62500	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Historical Topographic Map



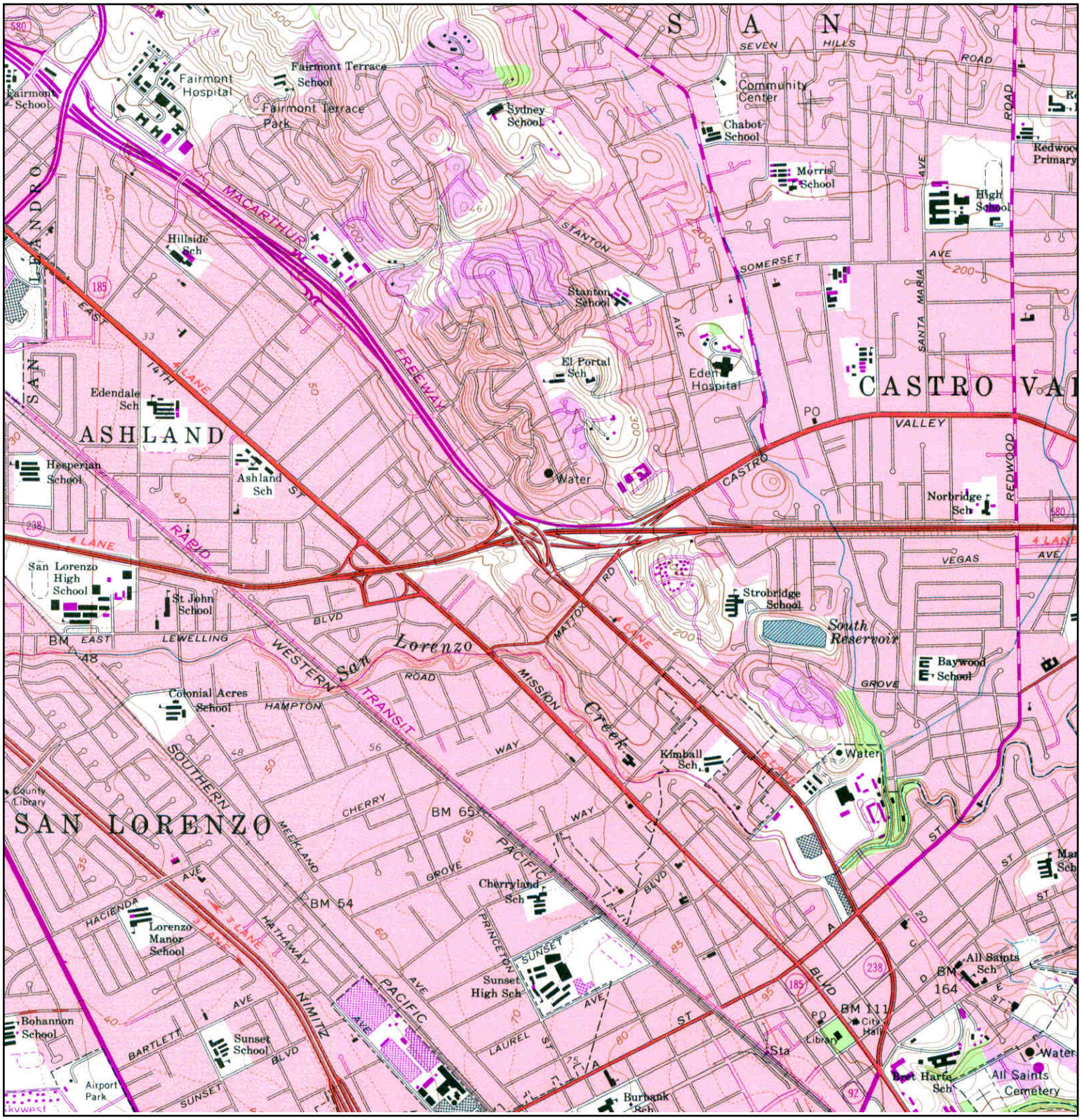
N	TARGET QUAD NAME: HAYWARD MAP YEAR: 1968 PHOTOREVISED FROM :1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Historical Topographic Map



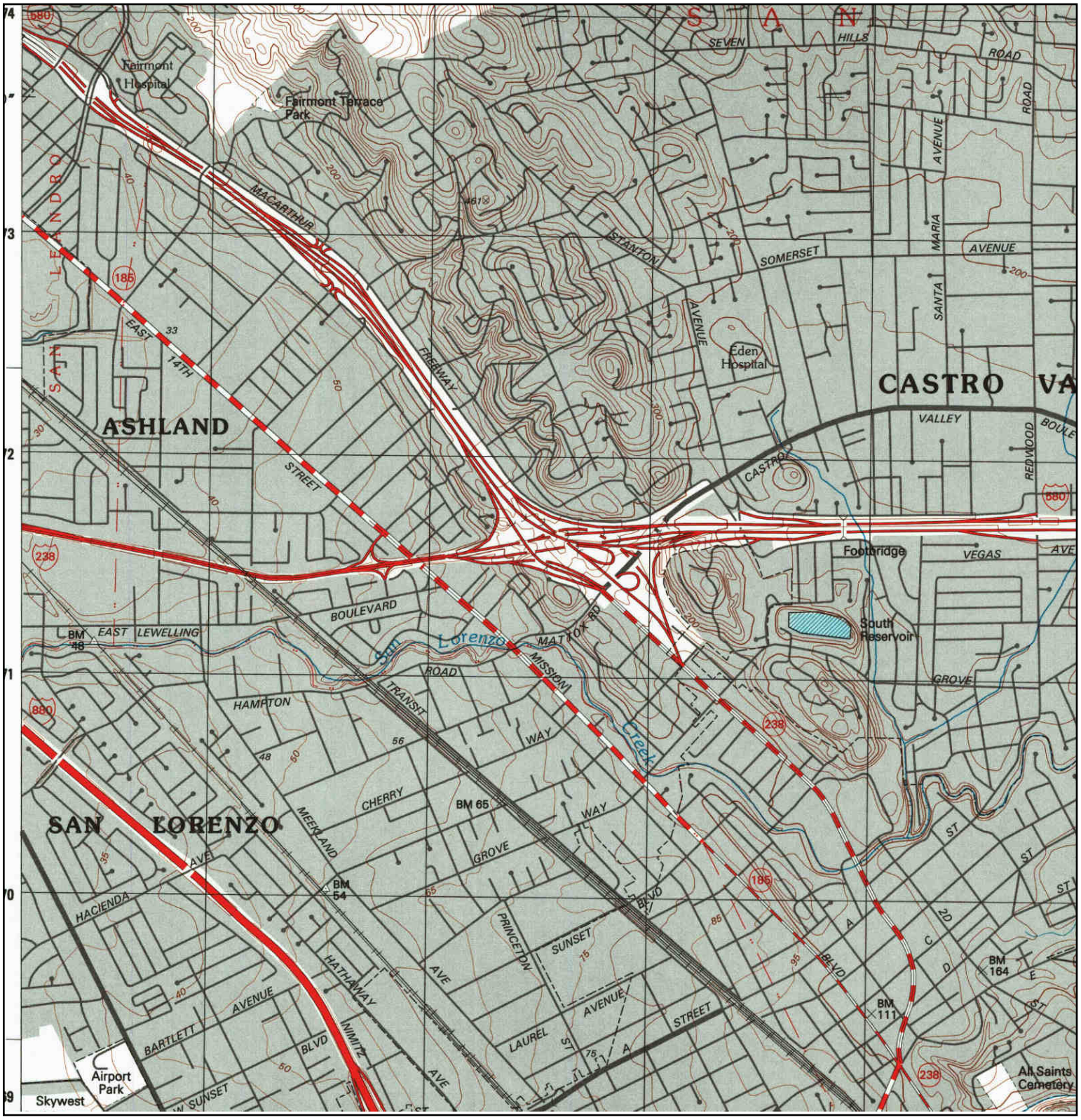
N	TARGET QUAD NAME: HAYWARD MAP YEAR: 1973 PHOTOREVISED FROM :1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Historical Topographic Map



N	TARGET QUAD NAME: HAYWARD MAP YEAR: 1980 PHOTOREVISED FROM :1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Historical Topographic Map



N	TARGET QUAD NAME: HAYWARD MAP YEAR: 1993 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 16501 Ashland Ave ADDRESS: 16501 Ashland Ave San Lorenzo, CA 94580 LAT/LONG: 37.6895 / -122.119	CLIENT: Environmental Risk Specialties Corp CONTACT: Yola Bayram INQUIRY#: 3363074.4 RESEARCH DATE: 07/10/2012

Appendix D
EDR City Directory

16501 Ashland Ave
16501 Ashland Ave
San Lorenzo, CA 94580

Inquiry Number: 3363074.6
July 09, 2012

The EDR-City Directory Abstract

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2006. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2006	Haines Company, Inc.	-	-	-	-
2002	Haines	-	X	X	-
	R. L. Polk & Co.	-	X	X	-
2000	Pacific Bell	-	-	-	-
1996	PACIFIC BELL DIRECTORY	-	-	-	-
1993	Pacific Bell	-	-	-	-
1992	PACIFIC BELL DIRECTORY	-	-	-	-
1991	PACIFIC BELL WHITE PAGES	-	-	-	-
1986	Pacific Bell	-	X	X	-
	PACIFIC BELL WHITE PAGES	-	X	X	-
1984	Pacific Bell	-	X	X	-
1982	Pacific Telephone	X	X	X	-
1980	Pacific Telephone	-	X	X	-
1979	Pacific Telephone	X	X	X	-
1976	R. L. Polk & Co.	X	X	X	-
1975	Pacific Telephone	-	X	X	-
1973	Pacific Telephone	-	X	X	-
1970	Pacific Telephone Directory	X	X	X	-
1967	R. L. Polk & Co.	-	-	-	-
1965	R. L. Polk & Co.	-	X	X	-
1962	Pacific Telephone	-	X	X	-
1960	Pacific Telephone	X	X	X	-
1959	R. L. Polk & Co.	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	The Pacific Telephone & Telegraph Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1954	R. L. Polk & Co. of California	-	-	-	-
1951	R. L. Polk & Co.	-	-	-	-
1950	The Pacific Telephone & Telegraph Co.	-	-	-	-
1946	R. L. Polk & Co.	-	-	-	-
1945	The Pacific Telephone & Telegraph Co.	-	-	-	-
1943	R. L. Polk & Co.	-	-	-	-
1940	R. L. Polk & Co.	-	-	-	-
1938	Pacific Telephone	-	-	-	-
1933	R. L. Polk & Co.	-	-	-	-
1932	R. L. Polk & Co. of California	-	-	-	-
1928	R. L. Polk & Co. of California	-	-	-	-
1926	R. L. Polk & Co.	-	-	-	-
1925	The Pacific Telephone & Telegraph Co.	-	-	-	-
1920	R. L. Polk & Co. of California	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

16501 Ashland Ave
San Lorenzo, CA 94580

FINDINGS DETAIL

Target Property research detail.

ASHLAND AVE

16501 ASHLAND AVE

Year	*Uses*	*Source*
1982	CALIFORNIA STATE OF	Pacific Telephone
1979	CO D	Pacific Telephone
1976	CO D	R. L. Polk & Co.
1970	CALIFORNIA STATE OF	Pacific Telephone Directory
1960	BOARD OF EQUALIZATION	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

ANO AVE

205 ANO AVE

Year	Uses	Source
2002	KAWAHARAIsami	R. L. Polk & Co.
	KAWAHARAIsami	Haines

208 ANO AVE

Year	Uses	Source
2002	OTALAVERAJose	R. L. Polk & Co.
	OTALAVERAJose	Haines
1976	KUJAWSKI NORMAN R	R. L. Polk & Co.

216 ANO AVE

Year	Uses	Source
2002	CARABALLOVenlura	Haines
	CARABALLOVenlura	R. L. Polk & Co.

224 ANO AVE

Year	Uses	Source
2002	CUESTASMaro	Haines
	CUESTASMaro	R. L. Polk & Co.
1982	SHEARON EDWARD G SAN LORENZO	Pacific Telephone
1970	WOODS DONALD M SAN LEANDROZ	Pacific Telephone Directory
1960	GONSALVES ALFRED	Pacific Telephone

232 ANO AVE

Year	Uses	Source
2002	SMITH Leslie	Haines
	SMITH Leslie	R. L. Polk & Co.
1960	CAYWOOD JERRY	Pacific Telephone

240 ANO AVE

Year	Uses	Source
2002	OHAGLEPaul	Haines
	OHAGLEPaul	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1979	HAGLE PAUL	Pacific Telephone
1976	HAGLE PAUL	R. L. Polk & Co.
1973	HAGLE PAUL	Pacific Telephone
1960	HAGLE PAUL	Pacific Telephone

248 ANO AVE

Year	Uses	Source
2002	NASHR	R. L. Polk & Co.
	NASHR	Haines
1976	JASYEN WNI H	R. L. Polk & Co.
1975	JASVEN WM H	Pacific Telephone
1973	JASVEN WM H	Pacific Telephone
1970	JASVEN WM H SAN LEANDROZ	Pacific Telephone Directory
1960	JASVEN WM H	Pacific Telephone

255 ANO AVE

Year	Uses	Source
1982	KAWAHARA ISAMI SAN LORENZO	Pacific Telephone
1973	KAWAHARA ISAM I	Pacific Telephone

256 ANO AVE

Year	Uses	Source
2002	LUKENSRich	R. L. Polk & Co.
	OLUKEN	R. L. Polk & Co.
	OLUKEN	Haines
	LUKENSRich	Haines
1982	LUKENS RICH & LINDA SAN LORENZO	Pacific Telephone
1979	LUKENS RICHMOND & LINDA	Pacific Telephone
1960	OGLESBY FRANK	Pacific Telephone

263 ANO AVE

Year	Uses	Source
2002	BELLINGEREM	R. L. Polk & Co.
	BELLINGEREM	Haines
1982	BELLINGER E M SAN LORENZO	Pacific Telephone
1979	BELLINGER EM	Pacific Telephone
1976	BELLI NGER E M	R. L. Polk & Co.
1973	BELLI NGER EILEEN M	Pacific Telephone
1960	BELLINGER EILEEN NM	Pacific Telephone

FINDINGS

264 ANO AVE

Year	Uses	Source
2002	CAMPOSMana	Haines
	CAMPOSMana	R. L. Polk & Co.
1960	MYERS PAUL J	Pacific Telephone

271 ANO AVE

Year	Uses	Source
2002	DAVIDJoel	R. L. Polk & Co.
	DAVIDJoel	Haines
1982	HARMAN ALBERT L SAN LORENZO	Pacific Telephone
1973	HARMAN ALBERT L	Pacific Telephone
1960	HARMNAN ALBERT L	Pacific Telephone

272 ANO AVE

Year	Uses	Source
1960	HOOKS LILY MRS	Pacific Telephone

279 ANO AVE

Year	Uses	Source
2002	WIRTA Palrick	R. L. Polk & Co.
	WIRTA Palrick	Haines
1960	KOZEL JOHN	Pacific Telephone

280 ANO AVE

Year	Uses	Source
2002	PADGETTHarvey	Haines
	PADGETTHarvey	R. L. Polk & Co.
1982	STITES DAVID SAN LORENZO	Pacific Telephone
1973	PEDIGO MICHAEL D DR CHIRPRCTR	Pacific Telephone
1960	CANADY WM F	Pacific Telephone

287 ANO AVE

Year	Uses	Source
2002	GUERREROJuan	Haines
	GUERREROJuan	R. L. Polk & Co.
1982	CLEVELAND BURTON C SAN LORENZO	Pacific Telephone
1979	CLEVELAND BURTON C	Pacific Telephone
1976	CLEVELAND BURTON C	R. L. Polk & Co.
1973	CLEVELAND BURTON C	Pacific Telephone

FINDINGS

Year	Uses	Source
1960	ROMAN ANGIE	Pacific Telephone

288 ANO AVE

Year	Uses	Source
2002	EISENBERGMark	Haines
	EISENBERGMark	R. L. Polk & Co.
1976	CRACKNELL JOHN J JR	R. L. Polk & Co.
	CRACKNELL C	R. L. Polk & Co.
1973	CRACKNELL JOHN J JR	Pacific Telephone
1960	CRACKNELL JOHN J JR	Pacific Telephone

295 ANO AVE

Year	Uses	Source
2002	SOOKKASIKONP	Haines
	SOOKKASIKONP	R. L. Polk & Co.
1982	SOOKKAFIKON PAITOON SAN LORENZO	Pacific Telephone
1975	NORDMAN RON J	Pacific Telephone
1973	NARDMAN RON J	Pacific Telephone
1960	LEGER B VW	Pacific Telephone

296 ANO AVE

Year	Uses	Source
2002	ALDERSON Lawrence	Haines
	ALDERSON Lawrence	R. L. Polk & Co.
1960	MC GARRY JOS T JR	Pacific Telephone

ASHLAND AVE

16401 ASHLAND AVE

Year	Uses	Source
1965	RUSSELL JIM	R. L. Polk & Co.

16409 ASHLAND AVE

Year	Uses	Source
1960	MADISON RAY	Pacific Telephone

16411 ASHLAND AVE

Year	Uses	Source
1965	GRCIA JULIO	R. L. Polk & Co.
1960	RICHARDSON JOYCE	Pacific Telephone

FINDINGS

16413 ASHLAND AVE

Year	Uses	Source
1965	KEPHARD WILLARD	R. L. Polk & Co.
	KEPHARD TILLIE	R. L. Polk & Co.
1960	POWELL AMELIA	Pacific Telephone

16414 ASHLAND AVE

Year	Uses	Source
1965	SKADEN BERTHA E MRS	R. L. Polk & Co.
1960	SMITH FRANK	Pacific Telephone

16423 ASHLAND AVE

Year	Uses	Source
1960	BIANCHI ANTLIHONY	Pacific Telephone

16425 ASHLAND AVE

Year	Uses	Source
1965	MACE VICKIE	R. L. Polk & Co.
1960	SMITH OLLIE J	Pacific Telephone

16435 ASHLAND AVE

Year	Uses	Source
1960	REPOSE LORRAINE	Pacific Telephone

16436 ASHLAND AVE

Year	Uses	Source
1965	SAN LORENZO GLASS & WINDOW CO INC	R. L. Polk & Co.
1962	Blymyer Hansen Co The	Pacific Telephone

16440 ASHLAND AVE

Year	Uses	Source
2002	GENESISDVLPMNTLSV	R. L. Polk & Co.
	DYPRGRM	R. L. Polk & Co.
	HOWELLBlltye	R. L. Polk & Co.
	GENESISDVLPMNTLSV	Haines
	DYPRGRM	Haines
	HOWELLBlltye	Haines
1979	NORCAL POTTERY PRODUCTS INC	Pacific Telephone
	PATIO PRODUCTS SATES	Pacific Telephone
	NIMA CORP	Pacific Telephone
1976	AMERICAN WEST DISTRIBUTING CO	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1965	SENCO PRODUCT INC	R. L. Polk & Co.
1962	Beaver & Johnson Moving Co	Pacific Telephone

16444 ASHLAND AVE

Year	Uses	Source
2002	BARON BUILDERS	R. L. Polk & Co.
	BARON BUILDERS	Haines
1986	Baron Builders	PACIFIC BELL WHITE PAGES
1982	BARON BUILDERS SAN LORENZO	Pacific Telephone
1979	PHILLIPS DEAN PICTURE FRAMING RETL	Pacific Telephone
	DEAN PHILLIPS PICTURE FRAMING RETL	Pacific Telephone
1976	PH ILLIPS DEAN PICTURE FRAMING RETL	R. L. Polk & Co.
	DEAN PHILLIPS PICTURE FRAMING RETL	R. L. Polk & Co.
1973	DEAN PHILLIPS PICTURE FRAMING RETL	Pacific Telephone
	PHILLIPS DEAN PICTURE FRAMING RETL	Pacific Telephone
1965	ALAMEDA COUNTY PLUMBING INC	R. L. Polk & Co.
1962	Alameda County Plumbing Inc	Pacific Telephone

16445 ASHLAND AVE

Year	Uses	Source
1965	GOINS KENNETH G	R. L. Polk & Co.
1960	FRANCIS ALFRED	Pacific Telephone

16446 ASHLAND AVE

Year	Uses	Source
2002	GEARW 3 KSIMPRT	R. L. Polk & Co.
	TAYLOR Richard	Haines
	DOMTRNSEXCH	R. L. Polk & Co.
	GEARW 3 KSIMPRT	Haines
	TAYLOR Richard	R. L. Polk & Co.
	DOMTRNSEXCH	Haines
1982	LI JOEL CONSTRUCTION CO SAN LORENZO	Pacific Telephone
1979	LI JOEL CONSTRUCTION CO	Pacific Telephone

FINDINGS

16450 ASHLAND AVE

Year	Uses		Source
2002	ACT 10 N ALARMS		Haines
	ACT 10 N ALARMS		R. L. Polk & Co.

16464 ASHLAND AVE

Year	Uses		Source
2002	OMEOLOHelen		R. L. Polk & Co.
	OMEOLOHelen		Haines
1976	MELLO FRANK		R. L. Polk & Co.
1973	MELLO FRANK		Pacific Telephone
1965	MELLO FRANK		R. L. Polk & Co.

16467 ASHLAND AVE

Year	Uses		Source
2002	XXXX		Haines
	XXXX		R. L. Polk & Co.
1982	JUNCTION NURSERY	SAN LORENZO	Pacific Telephone
1979	JUNCTION NURSERY		Pacific Telephone
1976	JUNCTION NURSERY		R. L. Polk & Co.
1973	JUNCTION NURSERY		Pacific Telephone
1965	JUNCTION NURSERY		R. L. Polk & Co.
1960	JUNCTIONNURSERY		Pacific Telephone

16477 ASHLAND AVE

Year	Uses		Source
2002	4TH E		Haines
	4TH E		R. L. Polk & Co.

16480 ASHLAND AVE

Year	Uses		Source
2002	XXXX		Haines
	XXXX		R. L. Polk & Co.
1973	OAKLAND FENCE SUPPLY INC		Pacific Telephone

16496 ASHLAND AVE

Year	Uses		Source
2002	GOLDENBAYFENCE 510 27655 S		Haines
	GOLDENBAYFENCE		R. L. Polk & Co.
1986	LANGENDORF UNITED BAKERS		Pacific Bell
1984	LANGENDORF UNITED BAKERS		Pacific Bell

FINDINGS

Year	Uses	Source
1982	LANGENDORF CAKE & COOKIES SAN LORENZO	Pacific Telephone
	LANGENDORF UNITED BAKERS SAN LORENZO	Pacific Telephone
1979	LANGENDORF UNITED BAKERS	Pacific Telephone
	LANGENDORF CAKE & COOKIES	Pacific Telephone
1976	LANGENDORF CAKE & COOKIES	R. L. Polk & Co.
	LANGENDORF UNITED BAKERS	R. L. Polk & Co.
1973	LANGENDORF UNITED BAKERS	Pacific Telephone
	LANGENDORF CAKE & COOKIES	Pacific Telephone
1970	AMERICAN BAKERIES CO SAN LEANDROZ	Pacific Telephone Directory
1965	LANGENDORF UNITED BAKERS	R. L. Polk & Co.
	HOMESTEAD BAKERY	R. L. Polk & Co.
	LANGENDORF UNITED BAKERIES	R. L. Polk & Co.
1962	Homestead Bakery	Pacific Telephone
1960	LANGENDORF CAKE & COOKIES	Pacific Telephone
	HOMESTEAD BAKERY	Pacific Telephone

16511 ASHLAND AVE

Year	Uses	Source
1965	SAN LORENIZO PARENT NURSERY SCHOOL	R. L. Polk & Co.
	HAYWARD AREA RECREATION DISTRICT	R. L. Polk & Co.
1960	SAN LORENZO PARENT NURSERY SCHOOL	Pacific Telephone

16515 ASHLAND AVE

Year	Uses	Source
2002	XXXX	Haines
	XXXX	R. L. Polk & Co.
1982	HAYWARD AREA RECREATION & PARK DISTRICT HAYWARD	Pacific Telephone
1976	HAYWARD SWIM CENTER	R. L. Polk & Co.

16550 ASHLAND AVE

Year	Uses	Source
2002	KAWAHARAIsami	R. L. Polk & Co.
	KAWAHARA NURSERY	R. L. Polk & Co.
	KAWAHARAIsami	Haines
	KAWAHARA NU	Haines

FINDINGS

Year	Uses	Source
1982	KAWAHARA MOMOTARO SAN LORENZO	Pacific Telephone
1980	Kawahara Isami Kawahara Nursery	Pacific Telephone
	Kawahara Momotaro Kawahara Nursery	Pacific Telephone
	Kawahara Nursery	Pacific Telephone
1979	KAWAHARA NURSERY	Pacific Telephone
	KAWAHARA MOMOTARO	Pacific Telephone
1975	KAWAHARA ISAMI KAWAHARA NURSERY	Pacific Telephone
	KAWAHARA MOMOTARO KAWAHARA NURSERY	Pacific Telephone
	KAWAHARA NURSERY	Pacific Telephone
1973	KAWAHARA MOMOTARO	Pacific Telephone
1970	KAWAHARA MOMOTARO KAWAHARA NURSERY SAN LEANDROZ	Pacific Telephone Directory
	KAWAHARA NURSERY SAN LEANDROZ	Pacific Telephone Directory
1965	KAWAHARA MOMOTARO	R. L. Polk & Co.
	KAWAHARA NURSERY	R. L. Polk & Co.
1962	Kawahara Momotaro Kawahara Nrsry	Pacific Telephone
	Kawahara Nursery	Pacific Telephone
1960	KAWAHARA MOMOTARO	Pacific Telephone
	KAWAHARA NURSERY	Pacific Telephone

16600 ASHLAND AVE

Year	Uses	Source
2002	MOURAGerald	Haines
	MOURAGerald	R. L. Polk & Co.
1982	MOURA GERALD SAN LORENZO	Pacific Telephone
1979	MOURA GERALD	Pacific Telephone
1965	MOURA GERALD	R. L. Polk & Co.
1960	MOURA GERALD	Pacific Telephone

16601 ASHLAND AVE

Year	Uses	Source
2002	PATBICIOKa	Haines
	PATRICI	Haines
	PATRICI	R. L. Polk & Co.
	PATBICIOKa	R. L. Polk & Co.
1976	BERTOLA EDMIOND JR	R. L. Polk & Co.
1965	RANEY DON W	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1960	SORENSEN VIGGO G	Pacific Telephone

16605 ASHLAND AVE

Year	Uses	Source
2002	LEEMchael	Haines
	LEEMchael	R. L. Polk & Co.
1979	GRAVES L	Pacific Telephone

16623 ASHLAND AVE

Year	Uses	Source
2002	POWERSRchard	R. L. Polk & Co.
	POWERSRchard	Haines
1976	ABBOTT ORA L	R. L. Polk & Co.
1973	ABBOTT ORE L	Pacific Telephone
1965	ABBOTT ORA L	R. L. Polk & Co.
1962	Huisinga F W	Pacific Telephone
1960	HUISINGA FW	Pacific Telephone

16625 ASHLAND AVE

Year	Uses	Source
1965	PRICE DONALD C	R. L. Polk & Co.
1960	MOORE LESLIE L	Pacific Telephone

16643 ASHLAND AVE

Year	Uses	Source
2002	MORRIS Anthony	Haines
	MORRIS Anthony	R. L. Polk & Co.
1982	CAMACHO V D SAN LORENZO	Pacific Telephone
1979	CAMACHO V D	Pacific Telephone
1976	CAMACHO V D	R. L. Polk & Co.
1973	CAMACHO V D	Pacific Telephone
1965	CANACHO V D	R. L. Polk & Co.
1960	CAMACHO V D	Pacific Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
16501 Ashland Ave	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1975, 1973, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
16401 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16409 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16411 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16413 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16414 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16423 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16425 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16435 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16436 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16440 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1975, 1973, 1970, 1967, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16444 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1984, 1980, 1975, 1970, 1967, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
16445 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16446 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16450 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16464 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1975, 1970, 1967, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16467 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1975, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16477 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16480 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16496 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1980, 1975, 1967, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16511 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16515 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1979, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16550 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1976, 1967, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16600 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1976, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16601 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16605 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16623 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1975, 1970, 1967, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16625 ASHLAND AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
16643 ASHLAND AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1975, 1970, 1967, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
205 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
208 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
216 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
224 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1979, 1976, 1975, 1973, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
232 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
240 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1975, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
248 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
255 ANO AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1979, 1976, 1975, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
256 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
263 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1975, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
264 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
271 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1979, 1976, 1975, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
272 ANO AVE	2006, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
279 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
280 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1979, 1976, 1975, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
287 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1975, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
288 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1975, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
295 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1980, 1979, 1976, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
296 ANO AVE	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

Appendix E
Aerial Photographs

16501 Ashland Ave
16501 Ashland Ave
San Lorenzo, CA 94580

Inquiry Number: 3363074.5
July 11, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Date EDR Searched Historical Sources:

Aerial Photography July 11, 2012

Target Property:

16501 Ashland Ave

San Lorenzo, CA 94580

Year	***Scale***	***Details***	***Source***
1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
1946	Aerial Photograph. Scale: 1"=655'	Flight Year: 1946	Jack Ammann
1958	Aerial Photograph. Scale: 1"=555'	Flight Year: 1958	Cartwright
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1974	Aerial Photograph. Scale: 1"=601'	Flight Year: 1974	NASA
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1993	EDR
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR


INQUIRY #: 3363074.5
YEAR: 1939
= 555'
N


INQUIRY #: 3363074.5
YEAR: 1946
= 655'
N

INQUIRY #: 3363074.5

YEAR: 1958

= 555'

N


INQUIRY #: 3363074.5
YEAR: 1965
= 333'
N


INQUIRY #: 3363074.5
YEAR: 1974
= 601'
N


INQUIRY #: 3363074.5
YEAR: 1982
= 690'
N


INQUIRY #: 3363074.5
YEAR: 1993
= 500'
N


INQUIRY #: 3363074.5
YEAR: 1998
= 666'
N


INQUIRY #: 3363074.5
YEAR: 2005
= 500'
N


INQUIRY #: 3363074.5
YEAR: 2006
= 500'
N

Appendix F
Replies to File Review Requests

Yola Bayram

From: Rochelle Reed [publicrecords@baaqmd.gov]
Sent: Wednesday, July 11, 2012 2:11 PM
To: Yola Bayram
Subject: Public Records Request No. 2012-07-0054

Dear Yola Bayram,

Thank you for your request. We have searched our records and have no records that respond to your below request for:

16501 Ashland Ave
San Lorenzo

If you have any questions or concerns, please call or e-mail me.

Sincerely,

Rochelle Reed
Public Records Section
BAAQMD
415-749-4784

Department of Toxic Substances Control

Linda S. Adams
Acting Secretary for
Environmental Protection

Deborah O. Raphael, Director
700 Heinz Avenue
Berkeley, California 94710-2721

Edmund G. Brown Jr.
Governor

July 16, 2012

Yola Bayram
Ers
1600 Riviera Avenue, Suite 310
Walnut Creek, CA 94596

RECORDS ACT REQUEST DATED: 07/11/12 FAX

SUBJECT(S): 16501 Ashland Ave., San Lorenzo

PR# 02-07-11-12-04

Dear Ms. Bayram:

We have received your Public Records Act Request for information from the Department of Toxic Substances Control.

After a thorough review of our files we have found that *no such records exist* at this office pertaining to the site(s) referenced above.

If you have any questions regarding this request, or require information for additional sites, please direct your inquiries to the numbers provided below.

Thanks and regards,

Berkeley File Room
DTSC Berkeley Regional Office
Direct: 510.540.3800
Fax: 510.540.3801
e-mail: berkeleyfileroom@dtsc.ca.gov

Appendix G
EDR Environmental Liens Search

16501 Ashland Ave
16501 Ashland Ave
San Lorenzo, CA 94580

Inquiry Number: 3363074.7S
July 19, 2012

The EDR Environmental LienSearch™ Report

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

16501 Ashland Ave
16501 Ashland Ave
San Lorenzo, CA 94580

RESEARCH SOURCE

Source 1: Alameda County, California Assessor

Source 2: Alameda County, California Recorder

PROPERTY INFORMATION

Deed 1:

According to the Alameda County Assessor, the current owner of the subject property is San Lorenzo Unified School District who acquired title as Hayward Union School District. Records were searched at the Alameda County Recorder's Office. No conveyance was found of record for the subject property.

Legal Description: All that certain piece or parcel of land containing 39.84 acres, more or less, more commonly known as 16501 Ashland Ave, situate and lying in the County of Alameda, State of California.

Legal Current Owner: San Lorenzo Unified School District

Property Identifiers: 413-19-2-7

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Docket:

Volume:

Instrument:

Comments:

Miscellaneous:

EDR Environmental LienSearch™ Report

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found ☐ Not Found ☒

If found:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Docket:
Volume:
Instrument:
Comments:
Miscellaneous:

Appendix H
Building Permit Report

16501 Ashland Ave
16501 Ashland Ave
San Lorenzo, CA 94580

Inquiry Number: 3363074.11
July 09, 2012

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-05 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records – The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Environmental Risk Specialties Corp on Jul 09, 2012.

TARGET PROPERTY

16501 Ashland Ave
San Lorenzo, CA 94580

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Alameda County Unincorporated Area

Year	*Source*	*TP*	*Adjoining*
2010	Alameda County, Building Inspection Department		
2009	Alameda County, Building Inspection Department		X
2008	Alameda County, Building Inspection Department		X
2007	Alameda County, Building Inspection Department		X
2006	Alameda County, Building Inspection Department		X
2005	Alameda County, Building Inspection Department		X
	Alameda County, Building Inspection Department	X	
2004	Alameda County, Building Inspection Department		X
2003	Alameda County, Building Inspection Department		X
2002	Alameda County, Building Inspection Department		X
2001	Alameda County, Building Inspection Department		X
2000	Alameda County, Building Inspection Department		

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Alameda County Unincorporated Area
Years: 2000-2010
Source: Alameda County, Building Inspection Department, Hayward, CA
Phone: (510) 670-5440

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

16501 Ashland Ave
San Lorenzo, CA 94580

16501 ASHLAND AVE

Date:	**6/17/2005**
Permit Type:	**Building**
Description:	**Cell Site CHANGE OUT 2 EXISTING ANTENNAS ON EXISTING CELL SITE. NEW ANTENNAS TO UTILIZE EXISTING ANTENNA CONNECTIONS TO MONOPOLE. (EXISTING MONOPOLE INSTALLED UNDER BUILDING PERMIT 96-3851)**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2005-01951
Status:	3D FINAL
Valuation:	$7,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

ANO AVE

208 ANO AVE

Date:	**8/23/2006**
Permit Type:	**Electrical**
Description:	**Remodel/Repair Residential UPGRADE ELECTRICAL SERVICE TO 200AMPS. REPLACE SUBPANEL. NEW DISCONNECT FOR EXISTING A/C UNIT. 2 NEW CIRCUITS FOR KITCHEN. REF: BLE 2006-00209**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2006-02564
Status:	3D ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

255 ANO AVE

Date:	**10/6/2005**
Permit Type:	**Re-roofing**
Description:	**Remodel/Repair Residential T/O AND RE-ROOF WITH CLASS A COMP ~ 17 SQUARES**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2005-03438
Status:	3D FINAL
Valuation:	$4,250.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

264 ANO AVE

Date:	**7/5/2007**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Addition Residential ADDITION. ONE STORY ADDITION - Add Master Bathroom at rear of property, 136 sq. ft., and add 60 sq. ft. to kitchen, at rear center of house. Remodel existing Kitchen area, 140 sq. ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-01626
Status:	3D EXPIRED
Valuation:	$37,070.04
Contractor Company:	
Contractor Name:	

Date:	**6/7/2006**
Permit Type:	**Re-roofing**
Description:	**Remodel/Repair Residential Reroof. Tear off existing roof. Install 30 yr. comp. shingles. Approx. 23 sqs.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2006-01652
Status:	3D FINAL
Valuation:	$5,750.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**8/23/2002**
Permit Type:	**Electrical**
Description:	**Remodel/Repair Residential ELECTRIC SERVICE CHANGE TO 100A (220V) ADD 4-20AMP CIRCUITS FOR GARBAGE DISPOSAL, WASHER, REFRIGERATOR AND COUNTER.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-02884
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

279 ANO AVE

Date:	**7/1/2009**
Permit Type:	
Description:	**Install central heating and A/C. Furnace in attic, condensor at lest side of home.**
Permit Description:	
Work Class:	Remodel/Repair Residential
Proposed Use:	
Permit Number:	BLD2009-01229
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	B A MORRISON

ADJOINING PROPERTY FINDINGS

287 ANO AVE

Date:	**3/28/2006**
Permit Type:	**Re-roofing**
Description:	**Remodel/Repair Residential TEAR OFF EXISTING ROOFING. INSTALL 30 YR DIMENSIONAL SHINGLES APPROX 18 SQUARES.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2006-00860
Status:	3D FINAL
Valuation:	$6,300.00
Contractor Company:	
Contractor Name:	

288 ANO AVE

Date:	**8/6/2002**
Permit Type:	**Building**
Description:	**Remodel/Repair Residential Cut in one new window (5'-0&" x 1'-8'). Modify opening for one window and install two retrofit windows.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-02585
Status:	3D CLOSED
Valuation:	$6,500.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**1/25/2002**
Permit Type:	**Electrical**
Description:	**Remodel/Repair Residential New electrical service upgrade 200 amps, & sub-panel**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-00262
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**8/23/2001**
Permit Type:	**Re-roofing**
Description:	**Remodel/Repair Residential Reroof. Tear off 3 layers of roofing, inspect for dry rot (minor only) install 15lb. felt, install 25 yr. comp. shingles. (Class C)**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2001-03539
Status:	3D CLOSED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

295 ANO AVE

Date:	**11/16/2007**
Permit Type:	**Building Electrical Plumbing**
Description:	**Remodel/Repair Residential Renewal permit (6/29/09) 1. REPLACE 10 WINDOWS THROUGHOUT HOME - SAME SIZE/SAME LOCATION, BREAKING STUCCO. 2. INSTALL STUCCO TO PORTION OF HOME APPROX 250 SQ FT. 3. REMODEL EXISTING KITCHEN APPROX 60 SQ FT. NEW CABINETS/COUNTERS, ELECTRICAL, APPLIANCES AND WASTE LINE UNDER SINK.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2007-03375
Status:	3D EXPIRED
Valuation:	$8,738.20
Contractor Company:	
Contractor Name:	

Date:	**7/10/2006**
Permit Type:	**Electrical**
Description:	**Remodel/Repair Residential UPGRADE ELECTRICAL SERVICE TO 100AMPS**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2006-02018
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

296 ANO AVE

Date:	**4/30/2001**
Permit Type:	**Electrical**
Description:	**Remodel/Repair Residential ESC TO 125A, 1 CIRCUIT**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2001-01677
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ASHLAND AVE

16444 ASHLAND AVE

Date:	**7/7/2008**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**TENANT IMPROVEMENT TO EXISTING VACANT OFFICE SPACE PER PLANS - TO BE USED AS RECORDS STORAGE FOR ADJACENT OFFICE.**
Permit Description:	
Work Class:	Remodel/Repair Commercial
Proposed Use:	
Permit Number:	BLD2008-00738
Status:	FINAL
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	PELLEGRINI CONSTRUCTION

ADJOINING PROPERTY FINDINGS

16446 ASHLAND AVE

Date:	**3/10/2003**
Permit Type:	**Building Electrical**
Description:	**Mobile Office Temparary sales trailer 12'x47' - 44 foot box.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00509
Status:	3D FINAL
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	

16550 ASHLAND AVE

Date:	**12/17/2003**
Permit Type:	**Re-roofing**
Description:	**Remodel/Repair Residential TEAR OFF EXISTING. INSTALL 1/2&" PLYWOOD AND 30LB FELT W/ 30YR COMP SHINGLES. 39 SQUARES**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-04376
Status:	3D FINAL
Valuation:	$6,750.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

16600 ASHLAND AVE

Date:	**11/8/2006**
Permit Type:	**Building**
Description:	**Remodel/Repair Residential NEW STUCCO OVER WOOD SIDING 5305SF**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2006-03547
Status:	3D CLOSED
Valuation:	$15,400.00
Contractor Company:	
Contractor Name:	

Date:	**10/4/2001**
Permit Type:	**Re-roofing**
Description:	**Remodel/Repair Residential T/O SHAKES, RESHEATH W/ 1/2&" CDX AND INSTALL 25YR COMP.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2001-04163
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

16605 ASHLAND AVE

Date:	**12/16/2004**
Permit Type:	**Electrical**
Description:	**Remodel/Repair Residential UPGRADE ELECTRICAL SERVICE TO (2) 100 AMP METERS.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-04509
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**12/9/2004**
Permit Type:	**Building Electrical Plumbing**
Description:	**Remodel/Repair Residential REPLACE PORTIONS OF FRONT SIDE AND INTERIOR WALL DUE TO VEHICLE DAMAGE. REPLACE SIDE SERVICE DOOR. RECONNECT GAS AND ELECTRICAL SERVICES.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-04438
Status:	3D FINAL
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

16643 ASHLAND AVE

Date:	**1/12/2004**
Permit Type:	**Mechanical**
Description:	**Remodel/Repair Residential ***SWO*** REPLACE FURNACE 90,000 BTU IN GARAGE**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-00082
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

CRESPI PL

442 CRESPI PL

Date:	**8/22/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 3 Story, Tract 7318, Lot 21, Plan 2B, Great Room, Entry, Kitchen, Family Room, 3 Bedrooms, 3 1/2 Baths, 2 car Garage, Laundry, Habitable 1814 sq.ft. Garage 435 sq.ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02405
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

450 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 2 Story, Tract 7318, Lot 20, Plan 1A, Entry, Great Room, Kitchen, 2 1/2 Baths, 3 Bdrms,Loft, Laundry, walk-in closet, 2-car garage, Habitable 1370, Garage 435.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00668
Status:	3D FINAL
Valuation:	$159,099.25
Contractor Company:	
Contractor Name:	

451 CRESPI PL

Date:	**8/22/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 2 Story, Tract 7318, Lot 29, Plan 1B, Entry, Great Room, Kitchen, 2 1/2 Baths, 3 Bdrms,Loft, Laundry, walk-in closet, 2-car garage, Habitable 1370, Garage 435.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02413
Status:	3D FINAL
Valuation:	$159,099.25
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**10/18/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 2 Story, Tract 7318, Lot 19, Plan 1B, Entry, Great Room, Kitchen, 2 1/2 Baths, Loft, 3 Bdrms,Loft, Laundry, walk-in closet, 2-car garage Habitable 1370, Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-03720
Status:	REC
Valuation:	$159,099.25
Contractor Company:	
Contractor Name:	

456 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 2 Story, Tract 7318, Lot 19, Plan 1A, Entry, Great Room, Kitchen, 2 1/2 Baths, Loft, 3 Bdrms, Laundry, walk-in closet, 2-car garage Habitable 1370, Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-01463
Status:	3D FINAL
Valuation:	$159,099.25
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

457 CRESPI PL

Date:	**8/22/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 2 Story, Tract 7318, Lot 30, Plan 1B, Entry, Great Room, Kitchen, 2 1/2 Baths, 3 Bdrms,Loft, Laundry, walk-in closet, 2-car garage, Habitable 1370, Garage 435.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02414
Status:	3D FINAL
Valuation:	$159,099.25
Contractor Company:	
Contractor Name:	

462 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 3 Story, Tract 7318, Lot 18, Plan 2A, Great Room, Entry, Kitchen, 4 Bedrooms, 3 1/2 Baths, Loft, 2 car Garage, Laundry, Habitable 1814 sq.ft. Garage 435 sq.ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00224
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

463 CRESPI PL

Date:	**8/22/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 3 Story, Tract 7318, Lot 31, Plan 2B, Great Room, Entry, Kitchen, Loft, 4 Bedrooms, 3 1/2 Baths, 2 car Garage, Laundry, Habitable 1814 sq.ft. Garage 435 sq.ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02407
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

468 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 3 Story, Tract 7318, Lot 17, Plan 2A, Great Room, Entry, Kitchen, 4 Bedrooms, 3 1/2 Baths, Loft, 2 car Garage, Laundry, Habitable 1814 sq.ft. Garage 435 sq.ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00223
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

469 CRESPI PL

Date:	**8/22/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 3 Story, Tract 7318, Lot 32, Plan 2B, Great Room, Entry, Kitchen, 5 Bedrooms, 3 1/2 Baths, 2 car Garage, Laundry, Habitable 1814 sq.ft. Garage 435 sq.ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02408
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

472 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 16, PLAN 4B, 3 Stories, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00230
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

475 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 33, Plan 3A, Entry, Great Room, Kitchen, 4 Bdrms, 2 1/2 Baths, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00687
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

480 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 15, PLAN 4B, 3 Stories, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00228
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

481 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 34, Plan 3A, Entry, Great Room, Kitchen, 4 Bdrms, 2 1/2 Baths, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00688
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

486 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 14, Plan 3B, 2 stories, Entry, Great Room, Kitchen, 3 Bdrms, 2 1/2 Baths, Loft, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00232
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

487 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 35, PLAN 4B, 3 Stories, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00689
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

492 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 13, Plan 3B, 2 stories, Entry, Great Room, Kitchen, 3 Bdrms, 2 1/2 Baths, Loft, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00231
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

493 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 36, PLAN 4B, 3 Stories, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage, Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00690
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

498 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 12, PLAN 4A, 3 Stories, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00225
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

499 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 37, Plan 3A, Entry, Great Room, Kitchen, 4 Bdrms, 2 1/2 Baths, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00691
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

502 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 11, PLAN 4A, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00217
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

505 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 38, Plan 3A, Entry, Great Room, Kitchen, 4 Bdrms, 2 1/2 Baths, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00692
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

510 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 3 Story, Tract 7318, Lot 10, Plan 2A, Great Room, Entry, Kitchen, 4 Bedrooms, 3 1/2 Baths, Loft, 2 car Garage, Laundry, Habitable 1814 sq.ft. Garage 435 sq.ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00222
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

511 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 39, PLAN 4B, 3 Stories, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00695
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

516 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 3 Story, Tract 7318, Lot 9, Plan 2A, Great Room, Entry, Kitchen, 4 Bedrooms, 3 1/2 Baths, Loft, 2 car Garage, Laundry, Habitable 1814 sq.ft. Garage 435 sq.ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00215
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

517 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 40, PLAN 4B, 3 Stories, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00696
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

522 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 8, Plan 3B, Entry, Great Room, Kitchen, 3 Bdrms, 2 1/2 Baths, Loft, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00220
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

523 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 41, Plan 3A, Entry, Great Room, Kitchen, 4 Bdrms, 2 1/2 Baths, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00697
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

528 CRESPI PL

Date:	**2/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 7, Plan 3B, Entry, Great Room, Kitchen, 3 Bdrms, 2 1/2 Baths, Loft, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00199
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

529 CRESPI PL

Date:	**9/8/2004**
Permit Type:	**Electrical Plumbing Mechanical**
Description:	**Remodel/Repair Residential ADD ON 3 TON A/C W/ 30 AMP DISCONNECT CIRCUIT**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-03185
Status:	3D CLOSED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 42, Plan 3A, Entry, Great Room, Kitchen, 4 Bdrms, 2 1/2 Baths, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00698
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

532 CRESPI PL

Date:	**12/12/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 6, PLAN 4B, Entry, Great Room, Kitchen, 4 bdrms, 3 1/2 baths, Laundry, Loft, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-03930
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

535 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 43, Plan 3B, Entry, Great Room, Kitchen, 3 Bdrms, 2 1/2 Baths, Loft, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00699
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

540 CRESPI PL

Date:	**12/12/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 5, PLAN 4B, Entry, Great Room, Kitchen, 3 bdrms,Family Room, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-01472
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

541 CRESPI PL

Date:	**6/23/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 44, Plan 3B, Entry, Great Room, Kitchen, 3 Bdrms, 2 1/2 Baths, Loft, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00700
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

546 CRESPI PL

Date:	**12/12/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 4, Plan 3A, Entry, Great Room, Kitchen, 4 Bdrms, 2 1/2 Baths, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-03928
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

547 CRESPI PL

Date:	**9/30/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 45, PLAN 4A, 3 Stories, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02398
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

552 CRESPI PL

Date:	**12/12/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 3, Plan 3A, Entry, Great Room, Kitchen, 3 Bdrms, 2 1/2 Baths, Loft, Laundry Room, 2 - Car Garage. Habitable 1563, Garage 437**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-01471
Status:	3D FINAL
Valuation:	$179,841.37
Contractor Company:	
Contractor Name:	

553 CRESPI PL

Date:	**9/30/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, Tract 7318, Lot 46, PLAN 4A, 3 Stories, Entry, Great Room, Kitchen, loft, 4 bdrms, 3 1/2 baths, Laundry, 2 Car Garage Habitable 1955 Garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02399
Status:	3D FINAL
Valuation:	$221,799.55
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

559 CRESPI PL

Date:	**9/30/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 3 Story, Tract 7318, Lot 47, Plan 2A, Great Room, Entry, Kitchen, loft, 4 Bedrooms, 3 1/2 Baths, 2 car Garage, Laundry, Habitable 1814 sq.ft. Garage 435 sq.ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02409
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

560 CRESPI PL

Date:	**12/12/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD (Duet Unit), 2 Story, Tract 7318, Lot 2, Plan 2B, Great Room, Family Room, Entry, Kitchen, 3 Bedrooms, 3 1/2 Baths, 2 Car Garage, Laundry HabitabLe 1814 garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-03926
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

565 CRESPI PL

Date:	**9/30/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD, 3 Story, Tract 7318, Lot 48, Plan 2A, Great Room, Entry, Kitchen, 5 Bedrooms, 3 1/2 Baths, 2 car Garage, Laundry, Habitable 1814 sq.ft. Garage 435 sq.ft.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02410
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

Date:	**2/27/2003**
Permit Type:	**Building Electrical**
Description:	**Temporary Mobile Home TEMPORARY MODULAR SALES TRAILER (12ft. x 40ft.) AND RAMP approx 55ft long.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00189
Status:	3D CLOSED
Valuation:	$12,962.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

566 CRESPI PL

Date:	**12/12/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling New SFD (Duet Unit), 2 Story, Tract 7318, Lot 1, Plan 2B, Great Room, Entry, Kitchen, 4 Bedrooms, 3 1/2 Baths, Loft, 2 car Garage, Laundry HabitabLe 1814 garage 435**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-01464
Status:	3D FINAL
Valuation:	$206,687.17
Contractor Company:	
Contractor Name:	

HERITAGE CIR

526 HERITAGE CIR

Date:	**12/11/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 41 - PLAN #2 - 2ND STORY - 999 SQ.FT.- Master Bedroom and Master Bath, Bedroom #2, Bedroom #3, Bathroom #2, Loft option, Laundry. 1ST STORY - 592 SQ. FT. - Living room, Kitchen, Dinning Room, Powder Room, Entry. GARAGE - 408 SQ.FT., PORCH - 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-04365
Status:	3D FINAL
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

530 HERITAGE CIR

Date:	**12/11/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 42 - PLAN #3 - 1ST FLOOR, 564 SQ FT. - GREAT RM, KITCHEN AND POWDER RM, ENTRY. 2ND FLOOR 940 SQ FT. - MASTER BEDROOM AND MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM AND LAUNDRY. 3RD FLOOR 469 SQ. FT., - BEDROOM #4, BEDROOM #5, BATH AND HALL. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-04364
Status:	3D FINAL
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

536 HERITAGE CIR

Date:	**12/11/2002**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 43 - PLAN #1, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2002-04363
Status:	3D FINAL
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

540 HERITAGE CIR

Date:	**4/17/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 44 - PLAN #1 - 2ND STORY 979 SQ.FT.- MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BEDROOM #4,BATHROOM, LAUNDRY. 1ST STORY 492 SQ. FT. - KITCHEN , GREAT ROOM, POWDER ROOM, ENTRY. GARAGE 424 SQ.FT., PORCH 6 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00753
Status:	3D FINAL
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

546 HERITAGE CIR

Date:	**4/17/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 45 - PLAN #2 - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, BEDROOM #4, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00871
Status:	3D FINAL
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

547 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01911 NEW SFD MODEL HOME. TRACT 7376, LOT #40 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01889
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #40 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01911
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

550 HERITAGE CIR

Date:	**4/17/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #46 - PLAN #3 - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-00872
Status:	3D FINAL
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

551 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01910 NEW SFD MODEL HOME. TRACT 7376, LOT #39 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01888
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #39 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01910
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

555 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01899 NEW SFR MODEL, TRACT 7376, LOT 38 - PLAN #2A- 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01887
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 38 - PLAN #2A- 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01899
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

556 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01893 NEW SFD MODEL HOME. TRACT 7376, LOT 47 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01891
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 47 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01893
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

559 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01909 NEW SFD MODEL HOME. TRACT 7376, LOT #37 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01886
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #37 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01909
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

560 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential REWEWAL TO 2004-01894 NEW SFD MODEL HOME. TRACT 7376, LOT 48 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01892
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 48 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01894
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

563 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01908 NEW SFD MODEL HOME. TRACT 7376, LOT #36 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01885
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #36 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01908
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

566 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003- 01900 NEW SFR MODEL, TRACT 7376, LOT 49 - PLAN #2B - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01894
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 49 - PLAN #2B - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01900
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

567 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01907 NEW SFD MODEL HOME. TRACT 7376, LOT #35 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01884
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #35 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01907
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

570 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01912 NEW SFD MODEL HOME. TRACT 7376, LOT #50 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01895
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #50 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01912
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

571 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01898 NEW SFR MODEL, TRACT 7376, LOT 34 - PLAN #2B - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01883
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 34 - PLAN #2B - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01898
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

575 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01906 NEW SFD MODEL HOME. TRACT 7376, LOT #33 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01882
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #33 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01906
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

576 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01913 NEW SFD MODEL HOME. TRACT 7376, LOT #51 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01897
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #51 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01913
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

580 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential Renewal permit for BLD2003-01901 for NEW SFR MODEL, TRACT 7376, LOT 52 - PLAN #2A - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT. (Orig. valuation $183,603.54)**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01893
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 52 - PLAN #2A - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01901
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

585 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01897 NEW SFR MODEL, TRACT 7376, LOT 32 - PLAN #2A - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01881
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 32 - PLAN #2A - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01897
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

586 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential Renewal permit for BLD2003-01914 for NEW SFD MODEL HOME. TRACT 7376, LOT #53 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT. (Orig. valuation $223,954.31)**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01896
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #53 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01914
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

587 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01905 NEW SFD MODEL HOME. TRACT 7376, LOT #31 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01880
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #31 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01905
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

589 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01892 NEW SFD MODEL HOME. TRACT 7376, LOT 30 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01879
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 30 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01892
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

590 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential Renewal permit covering BLD2003-01902 for NEW SFR MODEL, TRACT 7376, LOT 54 - PLAN #2B - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT. (Orig. valuation $183,603.54)**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01898
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 54 - PLAN #2B - 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01902
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

591 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01891 NEW SFD MODEL HOME. TRACT 7376, LOT 29 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01878
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 29 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01891
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

593 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01890 NEW SFD MODEL HOME. TRACT 7376, LOT 28 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01877
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 28 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01890
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

595 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-01889 NEW SFD MODEL HOME. TRACT 7376, LOT 27 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01876
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 27 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01889
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

596 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential Renewal permit for BLD2003-01895 for NEW SFD MODEL HOME. TRACT 7376, LOT 55 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT. (Orig. valuation $167,639.88).**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01899
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 55 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01895
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

597 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential Renew permit BLD2003-01904 for NEW SFD MODEL HOME. TRACT 7376, LOT #26 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT. (Orig. valuation $223,954.31)**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01875
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #26 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01904
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

599 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential Renew permit BLD2003-01903 for NEW SFD MODEL HOME. TRACT 7376, LOT #25 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT. (Orig. valuation $223,954.3l)**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01874
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #25 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01903
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

600 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential Renewal permit for BLD2003-01896 for NEW SFD MODEL HOME. TRACT 7376, LOT 56 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT. (Orig. valuation $167,639.88)**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01900
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/16/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 56 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01896
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

603 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02104 NEW SFD MODEL HOME. TRACT 7376, LOT 24 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01872
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/30/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 24 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02104
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

607 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02103 NEW SFD MODEL HOME. TRACT 7376, LOT 23 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01871
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 23 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02103
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

611 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02108 NEW SFR MODEL, TRACT 7376, LOT 22 - PLAN #2B- 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01870
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 22 - PLAN #2B- 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02108
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

615 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02117 NEW SFD MODEL HOME. TRACT 7376, LOT #21 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01869
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #21 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02117
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

617 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02102 NEW SFD MODEL HOME. TRACT 7376, LOT 20 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01866
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 20 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02102
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

619 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02101 NEW SFD MODEL HOME. TRACT 7376, LOT 19 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01868
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 19 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02101
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

621 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02115 NEW SFD MODEL HOME. TRACT 7376, LOT #18 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01867
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #18 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02115
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

623 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02114 NEW SFD MODEL HOME. TRACT 7376, LOT #17 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01865
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #17 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02114
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

625 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02100 NEW SFD MODEL HOME. TRACT 7376, LOT 16 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01864
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 16 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02100
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

627 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02099 NEW SFD MODEL HOME. TRACT 7376, LOT 15 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01863
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 15 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02099
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

629 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02113 NEW SFD MODEL HOME. TRACT 7376, LOT #14 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01862
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #14 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02113
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

631 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential Renewal for BLD2003-02107 for NEW SFR MODEL, TRACT 7376, LOT 13 - PLAN #2B- 2ND STORY, 999 SQ.FT. RENEWAL TO 2003-02107 MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01861
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 13 - PLAN #2B- 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02107
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

633 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02112 NEW SFD MODEL HOME. TRACT 7376, LOT #12 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01860
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #12 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02112
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

635 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02121 NEW SFR MODEL, TRACT 7376, LOT 11 - PLAN #2A- 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01859
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 11 - PLAN #2A- 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02121
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

637 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02111 NEW SFD MODEL HOME. TRACT 7376, LOT #10 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01858
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #10 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02111
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

639 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02110 NEW SFD MODEL HOME. TRACT 7376, LOT #9 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01857
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #9 - PLAN #3B - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02110
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

641 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02109 NEW SFD MODEL HOME. TRACT 7376, LOT #8 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01856
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT #8 - PLAN #3A - 1ST FLOOR, 564 SQ FT.- KITCHEN, GREAT ROOM, POWDER ROOM, ENTRY. 2ND FLOOR, 940 SQ FT. - MASTER BEDROOM, MASTER BATH, BEDROOM #2, BEDROOM #3, BATHROOM, LAUNDRY. 3RD FLOOR, 469 SQ. FT. - BEDROOM #4, BEDROOM #5, BATH AND WIDE HALLWAY. GARAGE 427 SQ FT., PORCH 16 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02109
Status:	3D CLOSED
Valuation:	$223,954.31
Contractor Company:	
Contractor Name:	

643 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02105 NEW SFR MODEL, TRACT 7376, LOT 7 - PLAN #2A- 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01855
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFR MODEL, TRACT 7376, LOT 7 - PLAN #2A- 2ND STORY, 999 SQ.FT. MASTER BEDROOM, MASTER BATHROOM, BEDROOM #2, BEDROOM #3, LOFT OPTION, BATHROOM #2, LAUDRY. 1ST STORY, 592 SQ. FT. - kITCHEN, LIVING ROOM, DINNING ROOM, POWDER ROOM, ENTRY. GARAGE 408 SQ.FT., PORCH 56 SQ. FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02105
Status:	3D CLOSED
Valuation:	$183,603.54
Contractor Company:	
Contractor Name:	

645 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO 2003-02098 NEW SFD MODEL HOME. TRACT 7376, LOT 6 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01854
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 6 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02098
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

647 HERITAGE CIR

Date:	**6/10/2004**
Permit Type:	
Description:	**Renewal Residential RENEWAL TO NEW SFD MODEL HOME. TRACT 7376, LOT 5 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2004-01853
Status:	3D FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**6/30/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 5 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-02095
Status:	3D CLOSED
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

648 HERITAGE CIR

Date:	**5/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 4 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01385
Status:	3D FINAL
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

652 HERITAGE CIR

Date:	**5/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 3 - PLAN #1A, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01384
Status:	3D FINAL
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

658 HERITAGE CIR

Date:	**5/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 2 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01382
Status:	3D FINAL
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

662 HERITAGE CIR

Date:	**5/28/2003**
Permit Type:	**Building Electrical Plumbing Mechanical**
Description:	**Single Family Dwelling NEW SFD MODEL HOME. TRACT 7376, LOT 1 - PLAN #1B, 1ST FLOOR, 492 SQ. FT. W/ KIT, PDR ROOM, GREAT ROOM, ENTRY. 2ND FLOOR, 959 SQ FT W/ MASTER BEDROOM, 2 BATHS, 4 BEDROOMS. GARAGE 424 SQ.FT., PORCH 6 SQ.FT.**
Permit Description:	
Work Class:	
Proposed Use:	
Permit Number:	BLD2003-01381
Status:	3D FINAL
Valuation:	$167,639.88
Contractor Company:	
Contractor Name:	

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

Appendix I
Gasoline UST Closure Letter and Email Regarding Former Diesel UST

From: Plunkett, Steven, Env. Health [mailto:steven.plunkett@acgov.org]
Sent: Friday, February 25, 2011 3:36 PM
To: Kelly Therrien; Weston, Robert, Env. Health
Subject: RE: UST Closure Action San Lorenzo, CA

Hello Kelly,

The form that you have attached is used during the removal to certify that the underground storage tank (UST) has been properly handled during removal, inerting and disposal. As a policy ACEH does not certify the disposition of the UST. Our responsibility is to be present during the UST removal, document the removal and observe confirmation soil and groundwater sampling associated with the UST removal.

At this time I recommend that you complete the form as the contractor of record and submit to the National Guard.

More importantly, as we discussed earlier this morning, ACEH has removed the former UST located at 9800 Goethe Road, San Lorenzo, CA from our inventory. Consequently, no further action is required pertaining to the UST removal. However, there is still the unresolved issue of contamination detected during soil and groundwater sampling, which shall be addressed at some later date.

Should you have any questions, please contact either Rob Weston or myself.

Thank you for your cooperation

Sincerely,

Steven Plunkett

Hazardous Materials Specialist

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

Phone: (510) 383-1767

Fax: (510) 337-9335

Email: mailto:steven.plunkett@acgov.org

Appendix J
Site Investigation Summary Report, Former Diesel UST, Sump, and Clarifier

APPLIED WATER RESOURCES
CORPORATION

1600 Riviera Avenue, Suite 310, Walnut Creek, California 94596
925 426 1112

August 23, 2012 DRAFT

Donna Drogos
Project Manager
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Site Investigation Summary Report
Former Diesel UST, Sump, and Clarifier
16501 Ashland Avenue, San Lorenzo, California

Dear Ms. Drogos:

Applied Water Resources has prepared this *Site Investigation Summary Report* (Report) on behalf of the California Military Department, current occupant of the property at 16501 Ashland Avenue in San Lorenzo, California (Site, Figure 1). All structures at this property were demolished in 2012 in preparation for the pending return to the San Lorenzo Unified School District. In 1993, a gasoline underground storage tank was removed. In 2010, a diesel UST, clarifier, and sump associated with a vehicle inspection rack were removed along with some soil containing relatively low, but measured concentrations of petroleum hydrocarbons. The purpose of this Report is to describe the current environmental conditions in the soil and ground water at the Site at the former USTs, former sump, and former clarifier.

BACKGROUND

The Site is owned by the San Lorenzo Unified School District and has served as a military staging depot for the California Military Department since approximately 1947. It was most recently used by the National Guard Armory and the United States Army Organizational Maintenance Shop (OMS #35), which maintained National Guard vehicles. In June 2012, the armory building and OMS #35 were demolished and the Site is currently vacant. The property is currently in the midst of a change in land use to school grounds.

Summary of Previous Investigations

A 2,000 gallon gasoline underground storage tank (UST) existed on the property from 1951 to April 1993. The Alameda County Environmental Health Services (ACEH) by letter dated October 3, 1997 concluded that No Further Action (NFA) was required at the former gasoline UST. However, the letter advised that residual total petroleum hydrocarbons as gasoline (TPHg) and BTEX remained in the groundwater in the area of the former UST and "if a change in land use is

proposed, then an evaluation of risk from exposure to contaminated soil/groundwater must be made" (ACEH 1997).

A 5,000 gallon UST was installed at the Site in the late 1990's and was used to store red dye diesel. The UST, the dispenser island, and all associated piping were removed on June 22, 2010. Soil and a ground water samples were collected from the vicinity of the diesel UST. A sump underlying a vehicle inspection rack and an above-ground oil-water clarifier were also removed during the same event as the diesel UST removal. Soil and ground water samples were not collected from the wash rack excavation. Soil samples were not collected from the clarifier excavation, however a ground water sample was collected and TPH in the diesel (TPHg) and motor oil (TPHmo) range were detected (AIS 2010).

According to an email from ACEH dated February 25, 2011, while the removal of the infrastructure was accepted, there still remains an "issue of contamination detected during soil and ground water sampling…"

Because the facility is being prepared for return back to the San Lorenzo Unified School District, the California Military Department elected to describe the current environmental conditions at the Site. On August 9, 2012, three borings were advanced to facilitate the collection of soil and ground water samples at the locations of the former USTs, clarifier, and sump. The findings from these borings are discussed below.

Geologic and Hydrogeologic Setting

The surface of the Site in the area of the investigation is uncovered and the native shallow geologic materials underlying the Site consist of clay with some sand. Two borings encountered a 12 inch to 4 foot thick layer of fill material in the former truck ramp and former diesel UST excavation areas. Boring logs are in Appendix A.

Based on historical ground water monitoring reports from the Site, ground water has ranged from approximately 4 to 9.5 feet bgs with a general gradient to the north.

RECENT INVESTIGATION

The purpose of this investigation was to characterize soil and ground water at the Site in relation to the former USTs, former vehicle inspection rack, and former clarifier. Three borings were advanced to collect soil and ground water samples under the supervision of a California Professional Geologist. Upon completion of all sampling and data collection activities, the borings were tremie grouted to ground surface with neat cement.

The drilling was performed with a truck mounted direct push rig using dual-tube methodology to minimize the potential of vertical cross-contamination during ground water and soil sample collection. Soil samples were collected continuously and screened using a Photo Ionization Detector (PID) for volatile organic compounds (VOCs). All drilling equipment was decontaminated between each sampling location. All direct push work was performed by Enprobe Environmental Probing, a licensed C-57 drilling contractor.

Three soil borings were advanced at the site. Boring C1 was located at the former sump associated with the truck ramp (Figure 2). Boring C2 was located at the former diesel UST and adjacent to the former gasoline UST. Boring C3 was advanced at the former clarifier. As possible, soil was screened with a PID at approximate 0.5-foot intervals.

All soil and ground water samples were analyzed for the following:

- Total Petroleum Hydrocarbons as Gasoline (TPHg) by EPA Method 8015,
- TPH as Diesel (TPHd) by EPA Method 8015,
- TPH as Motor Oil (TPHmo) by EPA Method 8015,
- Volatile Organic Compounds (VOCs) by EPA Method 8260 with sample collection performed in accordance with EPA Method 5035, and
- Cadmium, chromium, lead, nickel, and zinc by EPA method 6010.

All grab soil samples were collected into glass jars, except VOC analyses, which were collected using Terracores. Grab groundwater samples were collected using a peristaltic pump into glass VOAs.

Former Truck Ramp

Boring C1 was advanced to 16 feet below ground surface (bgs). Elevated PID measurements and TPH odors were observed between 10 and 16 feet below ground surface (bgs). A 6 inch layer of odorous soil was encountered at 10 feet bgs, which was collected into a glass jar and terracores.

One grab ground water sample was collected from a depth of approximately 10 feet bgs.

Former Diesel UST

A boring (C2) was advanced to 16 feet bgs in the former diesel UST location. No soil was recovered in the boring after 5 feet bgs. A second boring was advanced 2 feet to the north of the first boring in order to try to retrieve a soil sample. That boring was advanced to 8 feet bgs and no soil was recovered after 5 feet bgs. A third boring was then advanced at the location of the former dispenser island in an attempt to collect soil samples. This boring was advanced to 8 feet bgs and no soil was recovered after 4 feet bgs. Consequently, a soil sample was not collected in the vicinity of the former diesel UST.

However, one grab ground water sample was collected from the first boring from a depth of approximately 8 feet bgs.

Former Clarifier

Boring C3 was advanced to 16 feet below ground surface (bgs). No measurable concentrations or odors were encountered in the boring.

One grab ground water sample was collected from a depth of 10 feet bgs and one soil sample was collected from a depth of 5 feet bgs.

FINDINGS

This section discusses the environmental conditions encountered at each of the areas investigated. Concentrations of chemicals measured in the soil and ground water samples are compared with the Water Board's Environmental Screening Levels (ESLs) developed to assess risks in the upper 10 feet at residential facilities with a potable ground water resource. Tables 1 and 2 summarize the laboratory analytical results and Appendix B contains the laboratory analytical reports. Figure 2 displays the locations of the borings from which the samples were collected. The geologic and hydrogeologic conditions encountered in the borings are discussed above.

Soil samples collected from the borings either revealed no measurable concentrations above the laboratory reporting limit or revealed concentrations of TPHg and TPHd below the applicable soil ESLs. The VOCs that were detected do not have corresponding ESLs and concentrations of all metals are below the applicable ESLs.

TPHg, TPHd, and TPHmo were not detected above the laboratory reporting limit in any of the ground water samples. VOCs were detected in boring C3, however all concentrations were far below the applicable ESLs. Nickel was the only metal detected in ground water in the borings, at a concentration slightly above its ESL. However, this ESL is based on protection of aquatic resources, which are not present in the vicinity of the Site. The measured concentration is below the relevant ESL for nickel of 100 µg/L, which is protective of drinking water resources.

CONCLUSIONS

Based on the data, the current environmental conditions at the Site associated with the former gasoline and diesel USTs, former sump at the truck rack, and former clarifier, do not pose a significant risk to human health or the environment.

Please direct your questions and comments to:

Mr. Jim Musallani at the
California Military Department

(916)854-3054
jim.musillani@us.army.mil

Regards,

Applied Water Resources

Steven Michelson, PG
Principal Geologist

TABLES

Table 1
Soil Analytical Results
16501 Ashland Ave, San Lorenzo, California

Location ID	Date Sampled	Sample Depth (ft bgs)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	Isopropylbenzene	Propylbenzene	sec-Butylbenzene	n-Butylbenzene	Cadmium	Chromium	Lead	Nickel	Zinc
			mg/kg			µg/kg				mg/kg				
ESLs			83			--	--	--	--	1.7	--	200	150	600
C1	8/9/2012	10	1.1	7.9Y	<5	250	1,400	520	1,400	<0.27	46	5	51	49
C2	8/9/2012	--	No Recovery											
C3	8/9/2012	5	<0.17	<0.99	<5	<4	<4	<4	<4	0.28	44	5.2	46	48

Notes:

ESLs: Environmental Screening Levels are for a residential land use scenario with shallow soil contamination and ground water is considered a potential drinking water resource.

mg/kg: milligrams per kilogram

µg/kg: micrograms per kilogram

<: Concentration is below the reporting limit of the lab

--: not applicable

Table 2
Ground Water Analytical Results
16501 Ashland Ave, San Lorenzo, California

Location ID	Date Sampled	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	MTBE	Propylbenzene	1,3,5-Trimethylbenzene	Cadmium	Chromium	Lead	Nickel	Zinc
		µg/L										
ESLs		100	100	100	5	--	--	0.25	50	2.5	8.2	81
C1	8/9/2012	<50	<50	<300	<0.5	<0.5	<0.5	<5	<5	<5	9	<20
C2	8/9/2012	<50	<50	<300	<0.5	<0.5	<0.5	<5	<5	<5	7.4	<20
C3	8/9/2012	<50	<51	<310	0.6	1.1	0.7	<5	<5	<5	6.1	<20

Notes:

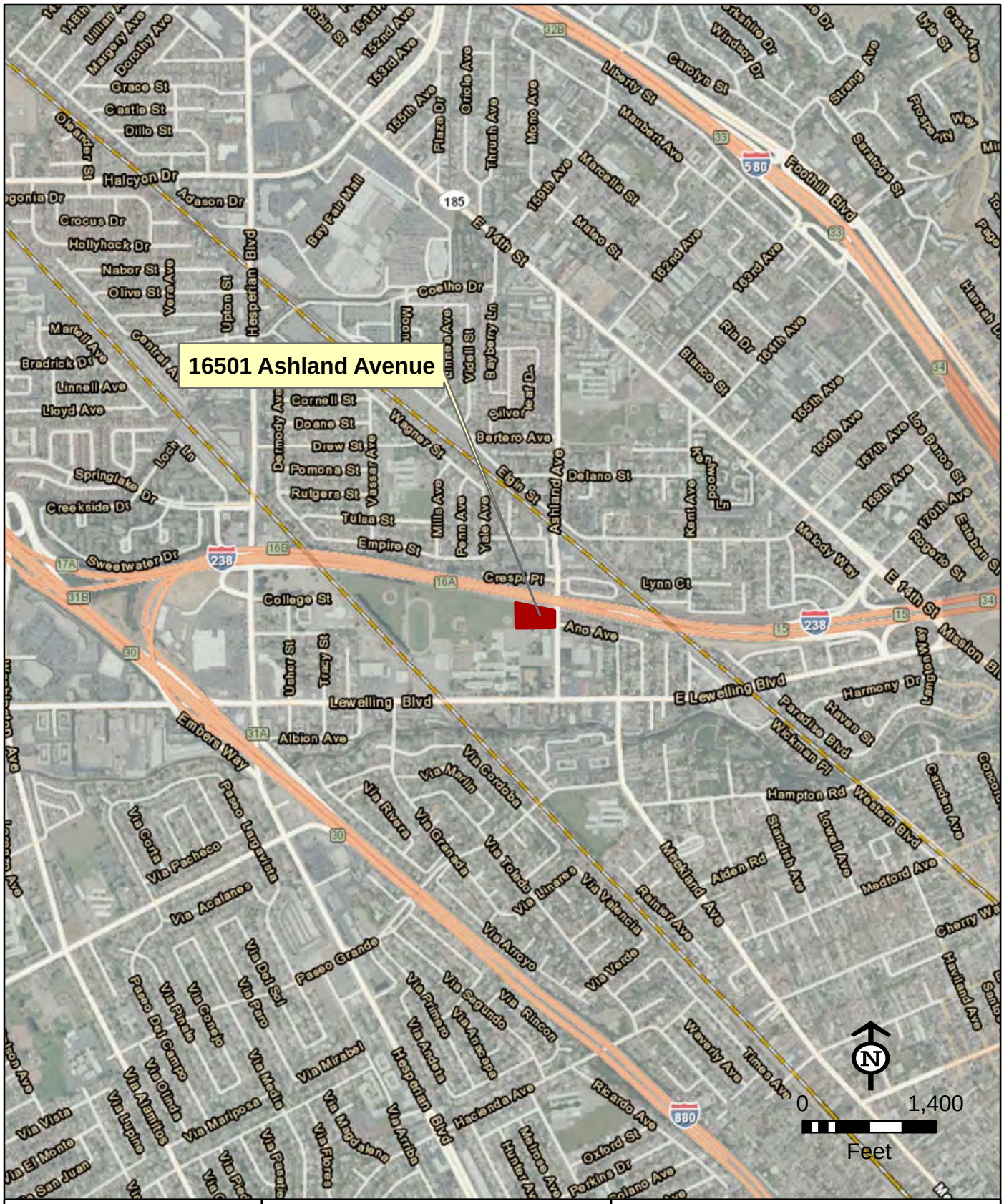
ESLs: Environmental Screening Levels are for a residential land use scenario with shallow soil contamination and ground water is considered a potential drinking water resource.

µg/L: micrograms per liter

<: Concentration is below the reporting limit of the lab

--: not applicable

FIGURES



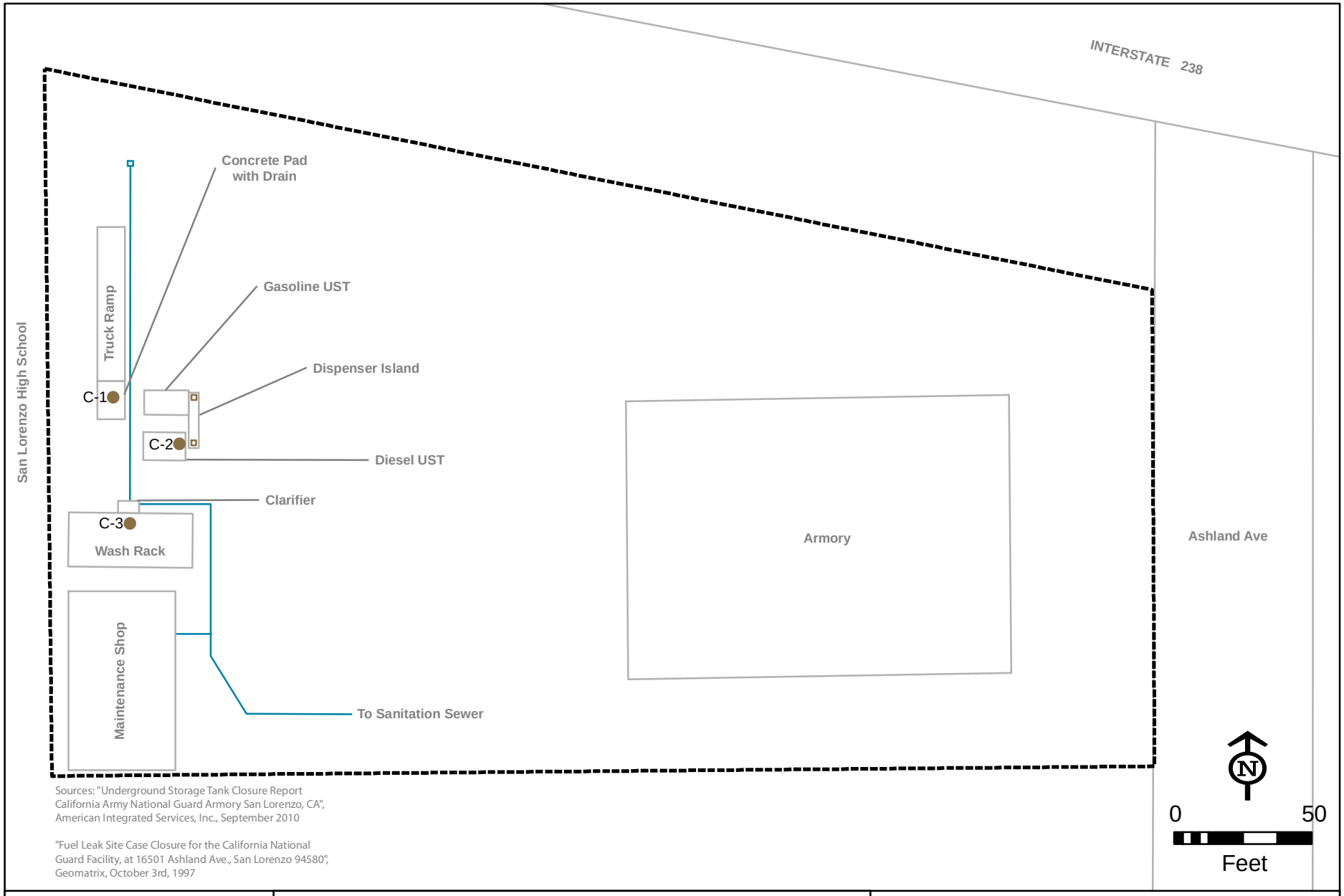
APPLIED WATER RESOURCES

Figure - 1

Location Map

San Lorenzo Armory
16501 Ashland Avenue San Lorenzo, CA

Created August 10th, 2012



Sources: "Underground Storage Tank Closure Report California Army National Guard Armory San Lorenzo, CA", American Integrated Services, Inc., September 2010

"Fuel Leak Site Case Closure for the California National Guard Facility, at 16501 Ashland Ave., San Lorenzo 94580", Geomatrix, October 3rd, 1997

APPLIED WATER RESOURCES

- Proposed Boring
- Existing Pipeline
- Property Boundary
- Former Building Location
- Dispenser
- Storm Drain

Figure - 1

Site Map and Proposed Boring Locations

San Lorenzo Armory

16501 Ashland Avenue San Lorenzo, CA

Created August 10th, 2012

APPENDIX A

AWR Corporation
1600 Riviera Ave
Suite 310
Walnut Creek, CA 94596

Date: 8/9/2012	Logged By: Yola Bayram	Specifications
Location: 16501 Ashland Ave San Lorenzo, CA		Elevation
Client: California National Guard		**GSE:**
Drilling Co.: Enprobe	**Driller:** Josh	Depth to Water
Drilling Method: Direct Push	**Grout Materials and Method:** Neat cement	**Initial:** 12.12 ft. **Static:** ft.
Groundwater Sampling Method: Peristaltic Pump		**Total Boring Depth:** 16 ft.
Soil Sampling Method: Terracores/Jars		**Lat.:** **Long:**

Depth, bgs (ft)	Recovery	OVM/PID (ppm)	Soil Sample	Water Sample	Saturated Zone	USCS	Graphic Log	Material Description	Remarks
0		0				CL		Clay (CL), black, low plasticity, very stiff, trace sand content, dry	
		0							
		0						Fine-grained sand and gravel content increases to ~25% in clay matrix, dense, dry	
		0				SP		Sand (SP), medium brown, loose, subangular, medium grained, damp	
5		0				CL		Sandy Clay (CL), light brown, high plasticity, soft, dense, some fine-grained sand, dry to damp	
		0							
								No recovery from 6.5 to 8	2 feet of recovery in a 4-foot push from 8 to 12'
								Sandy Clay (CL), light brown, high plasticity, soft, dense, some fine-grained sand, dry to damp	Pulled screen up to 10' and no water came in after 15 minutes. Pulled screen up to 8' and collected ground water.
10		1.7				CL			Odor from 10' to 15.5' bgs.
		17.1							6" of discolored observed in soil (green)
		22.7							
		16.5							Greenish tint from 12' to 15.5'
		30.1						Clay (CL), black, moderate plasticity, stiff, trace gravel content, dry	
		12.2				CL			
15		7.1							
		3.1							
		0.4							
								Total Depth: 16 ft.	
20									
25									

AWR Corporation
1600 Riviera Ave
Suite 310
Walnut Creek, CA 94596

Date: 8/9/2012	Logged By: Yola Bayram	Specifications
Location: 16501 Ashland Ave San Lorenzo, CA		Elevation
Client: California National Guard		**GSE:**
Drilling Co.: Enprobe	**Driller:** Josh	Depth to Water
Drilling Method: Direct Push	**Grout Materials and Method:** Neat cement	**Initial:** ft. **Static:** 7.17 ft.
Groundwater Sampling Method: Peristaltic Pump		**Total Boring Depth:** 16 ft.
Soil Sampling Method: N/A		**Lat.:** **Long:**

Depth, bgs (ft)	Recovery	OVM/PID (ppm)	Soil Sample	Water Sample	Saturated Zone	USCS	Graphic Log	Material Description	Remarks
0		0						Fill material, silty sand, light brown, subangular, medium-grained sand, loose, dry.	
		0							Moved over 2' to the north to try and collect a soil sample. Pushed to 8' and no recovery after 5'.
		0							
		0						Cloth liner found at 4'.	Moved 5' to the east where dispenser island was and pushed to 8'. No recovery after 4'.
5		0						Concrete chunks and large gravel with some sand, dry.	
					▽			No recovery from 5' to 16'.	
10									Pulled up and exposed screen from 10' to 16' and collected ground water sample.
15								Total Depth: 16 ft.	
20									
25									

AWR Corporation
1600 Riviera Ave
Suite 310
Walnut Creek, CA 94596

Boring Log: C3

Date: 8/9/2012	**Logged By:** Yola Bayram
Location: 16501 Ashland Ave San Lorenzo, CA	
Client: California National Guard	
Drilling Co.: Enprobe	**Driller:** Josh
Drilling Method: Direct Push	**Grout Materials and Method:** Neat cement
Groundwater Sampling Method: Peristaltic Pump	
Soil Sampling Method: Terracores/Jars	

Specifications

Elevation
GSE:

Depth to Water
Initial: 12.18 ft. **Static:** ft.

Total Boring Depth: 16 ft.

Lat.: **Long:**

Depth, bgs (ft)	Recovery	OVM/PID (ppm)	Soil Sample	Water Sample	Saturated Zone	USCS	Graphic Log	Material Description	Remarks
0		0						Fill material	Pulled screen up and exposed from 10' to 16' to collected ground water.
		0				CL		Sandy Clay (CL), dark brown, low plasticity, stiff, ~15% fine-grained to medium-grained sand, dry.	
		0				CL		Sandy Clay (CL), light brown, high plasticity, medium dense, high sand content, fine-grained sand, dry.	
		0						Clay (CL), brown, moderate plasticity, soft, dense, ~15% fine-grained sand, dry.	
5		0				CL			
		0							
		0				CL		Sandy Clay (CL), light brown, high plasticity, soft, medium dense, fine-grained sand, damp.	
		0				CL		Clay (CL), brown, moderate plasticity, soft, dense, ~15% fine-grained sand, dry.	
		0				CL		Sandy Clay (CL), light brown, high plasticity, medium dense, high sand content, fine-grained sand, dry.	
10		0							
		0				CL		Sandy Clay (CL), light brown, medium stiff, moderate to high plasticity, ~25% medium-grained sand, damp.	
		0						Sandy Clay (CL), medium brown, very low plasticity, dense, very stiff, some gravel content, medium to coarse-grained sand, damp.	
		0				CL			
15		0							
		0						Total Depth: 16 ft.	
20									
25									

APPENDIX B


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 238706
ANALYTICAL REPORT

Applied Water Resources	Project : STANDARD
1600 Rivera Ave Suite 310	Location : SL Armory
Walnut Creek, CA 94596	Level : II

Sample ID	Lab ID
C2	238706-001
C3	238706-002
C1	238706-003
C1-5	238706-004
C1-10	238706-005
C1-16	238706-006
C3 SOIL	238706-007

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: Tracy Babjar Date: 08/16/2012

Tracy Babjar
Project Manager
(510) 204-2226

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**238706**
Client:	**Applied Water Resources**
Location:	**SL Armory**
Request Date:	**08/09/12**
Samples Received:	**08/09/12**

This data package contains sample and QC results for three water samples and two soil samples, requested for the above referenced project on 08/09/12. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Soil:
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:
High recovery was observed for 1,1-dichloroethene in the MS for batch 189328; the parent sample was not a project sample, the BS/BSD were within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:
Matrix spikes QC651398,QC651399 (batch 189364) were not reported because the parent sample was reanalyzed in another batch. Matrix spikes were not performed for this analysis in batch 189321 due to insufficient sample amount. C1-10 (lab # 238706-005) was diluted due to high hydrocarbons. No other analytical problems were encountered.

Metals (EPA 6010B) Soil:
No analytical problems were encountered.

Metals (EPA 6010B) Filtrate:
No analytical problems were encountered.

CHAIN OF CUSTODY

Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
In Business Since 1878

2323 Fifth Street
Berkeley, CA 94710

Phone (510) 486-0900
Fax (510) 486-0532

Chain of Custody # _____

C&T LOGIN # 238706

Project No:

Project Name: SL Armory

Project P. O. No: SL Armory

EDD Format: Report Level ☐ II ☐ III ☐ IV

Turnaround Time: ☐ RUSH ☒ Standard

Sampler: Yola Bayram

Report To: Yola Bayram; Steve Michelson

Company: AWR Corporation

Telephone: 925-938-1600

Email: Smichelson@awrcorp.net

Lab No.	Sample ID.	SAMPLING Date Collected	SAMPLING Time Collected	MATRIX Water	MATRIX Solid	# of Containers	CHEMICAL PRESERVATIVE HCl	H2SO4	HNO3	NaOH	None
1	C2	8-9-12	900	X	[redacted]	9	X				X
2	C3	8-9-12	1200	X	X	16	X				X
3	[redacted] C1	8-9-12	1030	X		9	X				X
4	[redacted] C1-5		1030		X	7					X
5	C1-10		1035		X	[redacted]					X
6	C1-16		1045		X	1					X
7	C3 SOIL					7					

Soil samples

All

ANALYTICAL REQUEST

TPHg (8015)	TPHd (8015), TPHmo	VOCs (8260)	LUFT-5 metals (6010)	HOLD
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X

Yes for TPHd

Notes: ☆Please use Silica Gel Cleanup ☆

☆Please Filter metals within 24 hours☆

SAMPLE RECEIPT
☐ Intact
☐ Cold
☐ On Ice
☐ Ambient

RELINQUISHED BY:
DATE: 8-9-12 TIME: 1430
DATE: TIME:
DATE: TIME:

RECEIVED BY:
DATE: TIME:
DATE: TIME:
DATE: TIME:

COOLER RECEIPT CHECKLIST Curtis & Tompkins, Ltd.

Login # 238706 Date Received 8/9/12 Number of coolers 1
Client AWR Corporation Project SL Armory

Date Opened 8/9/12 By (print) AJ (sign)
Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) YES (NO)
Shipping info

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☑ NO
How many Name Date
2B. Were custody seals intact upon arrival? YES NO (N/A)
3. Were custody papers dry and intact when received? (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? YES (NO)
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe)

☐ Bubble Wrap ☐ Foam blocks ☑ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☑ Wet ☐ Blue/Gel ☐ None Temp(°C) 11°C

☐ Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? (YES) NO
If YES, what time were they transferred to freezer?
9. Did all bottles arrive unbroken/unopened? (YES) NO
10. Are there any missing / extra samples? (YES) NO
11. Are samples in the appropriate containers for indicated tests? (YES) NO
12. Are sample labels present, in good condition and complete? (YES) NO
13. Do the sample labels agree with custody papers? (YES) NO
14. Was sufficient amount of sample sent for tests requested? (YES) NO
15. Are the samples appropriately preserved? (YES) NO N/A
16. Did you check preservatives for all bottles for each sample? YES NO (N/A)
17. Did you document your preservative check? YES NO (N/A)
18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? (YES) NO N/A
20. Are bubbles > 6mm absent in VOA samples? (YES) NO N/A
21. Was the client contacted concerning this sample delivery? YES (NO)
If YES, Who was called? By Date:

COMMENTS
10. Sample-005, CID: C1-10, received only 6 of 7 containers.
4. Sample-002, CID: C3 had mixed samples of water and soils, they have been split into two samples

Rev 10, 11/11

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	189345
Units:	ug/L	Sampled:	08/09/12
Diln Fac:	1.000	Received:	08/09/12

Field ID:	C2	Lab ID:	238706-001
Type:	SAMPLE	Analyzed:	08/11/12

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	75-124

Field ID:	C3	Lab ID:	238706-002
Type:	SAMPLE	Analyzed:	08/11/12

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	75-124

Field ID:	C1	Lab ID:	238706-003
Type:	SAMPLE	Analyzed:	08/11/12

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	75-124

Type:	BLANK	Analyzed:	08/10/12
Lab ID:	QC651299		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	83	75-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC651298	Batch#:	189345
Matrix:	Water	Analyzed:	08/10/12
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	971.5	97	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	75-124

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	189345
MSS Lab ID:	238669-006	Sampled:	08/08/12
Matrix:	Water	Received:	08/08/12
Units:	ug/L	Analyzed:	08/10/12
Diln Fac:	1.000		

Type: MS Lab ID: QC651300

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	23.03	2,000	2,209	109	71-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	75-124

Type: MSD Lab ID: QC651301

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,131	105	71-120	4	22

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	75-124

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	189296
Units:	mg/Kg	Sampled:	08/09/12
Basis:	as received	Received:	08/09/12
Diln Fac:	1.000		

Field ID: C1-10 Lab ID: 238706-005
Type: SAMPLE Analyzed: 08/10/12

Analyte	Result	RL
Gasoline C7-C12	1.1	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	131	62-134

Field ID: C3 SOIL Lab ID: 238706-007
Type: SAMPLE Analyzed: 08/10/12

Analyte	Result	RL
Gasoline C7-C12	ND	0.17

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	83	62-134

Type: BLANK Analyzed: 08/09/12
Lab ID: QC651090

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	98	62-134

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/FID (5035 Prep)

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC651089	Batch#:	189296
Matrix:	Soil	Analyzed:	08/09/12
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9627	96	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	83	62-134

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/FID (5035 Prep)

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	238698-002	Batch#:	189296
Matrix:	Soil	Sampled:	08/09/12
Units:	mg/Kg	Received:	08/09/12
Basis:	as received	Analyzed:	08/09/12

Type: MS Lab ID: QC651093

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.06861	10.42	8.533	81	33-120

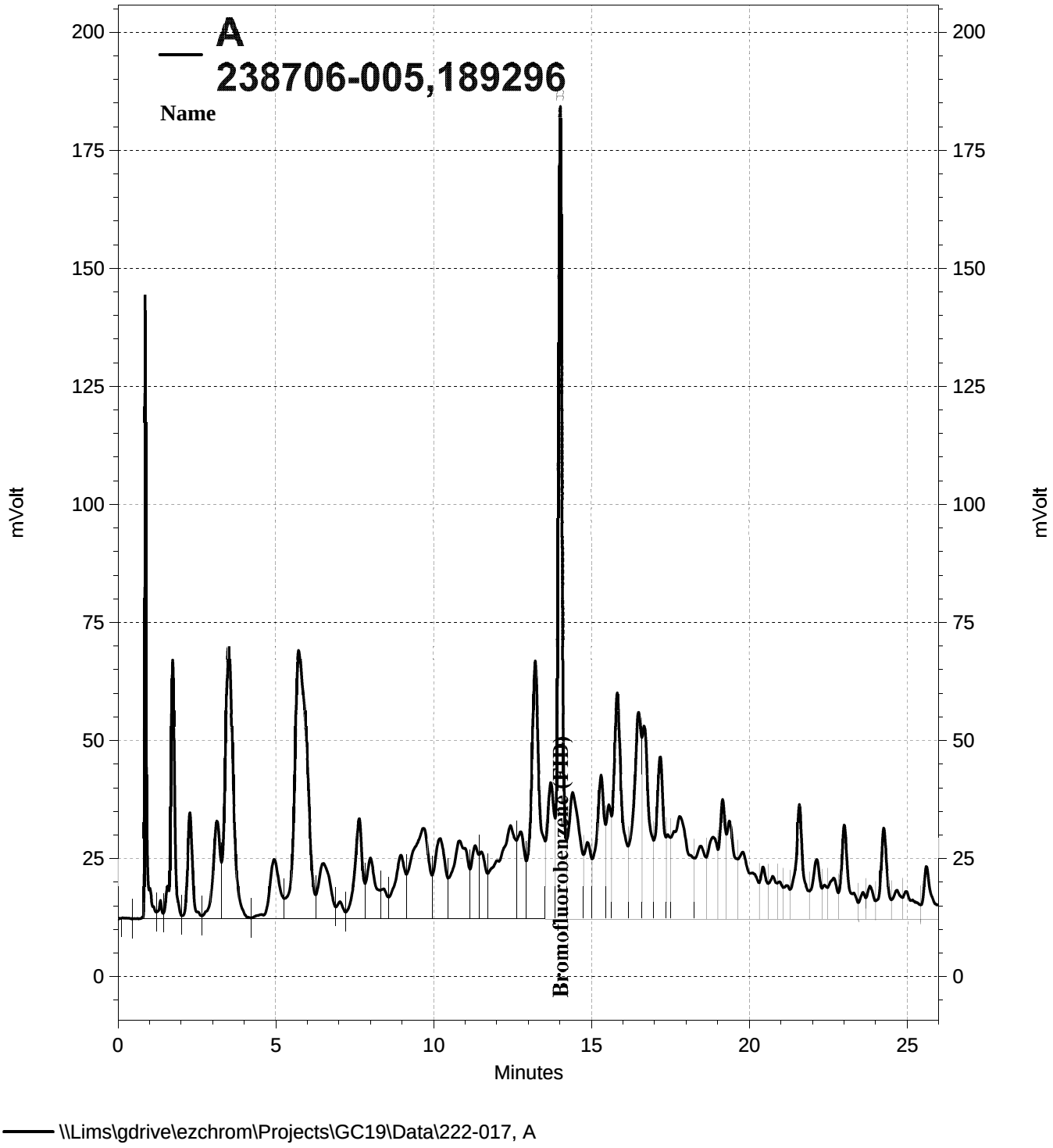
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	62-134

Type: MSD Lab ID: QC651094

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.42	8.693	83	33-120	2	53

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	106	62-134

RPD= Relative Percent Difference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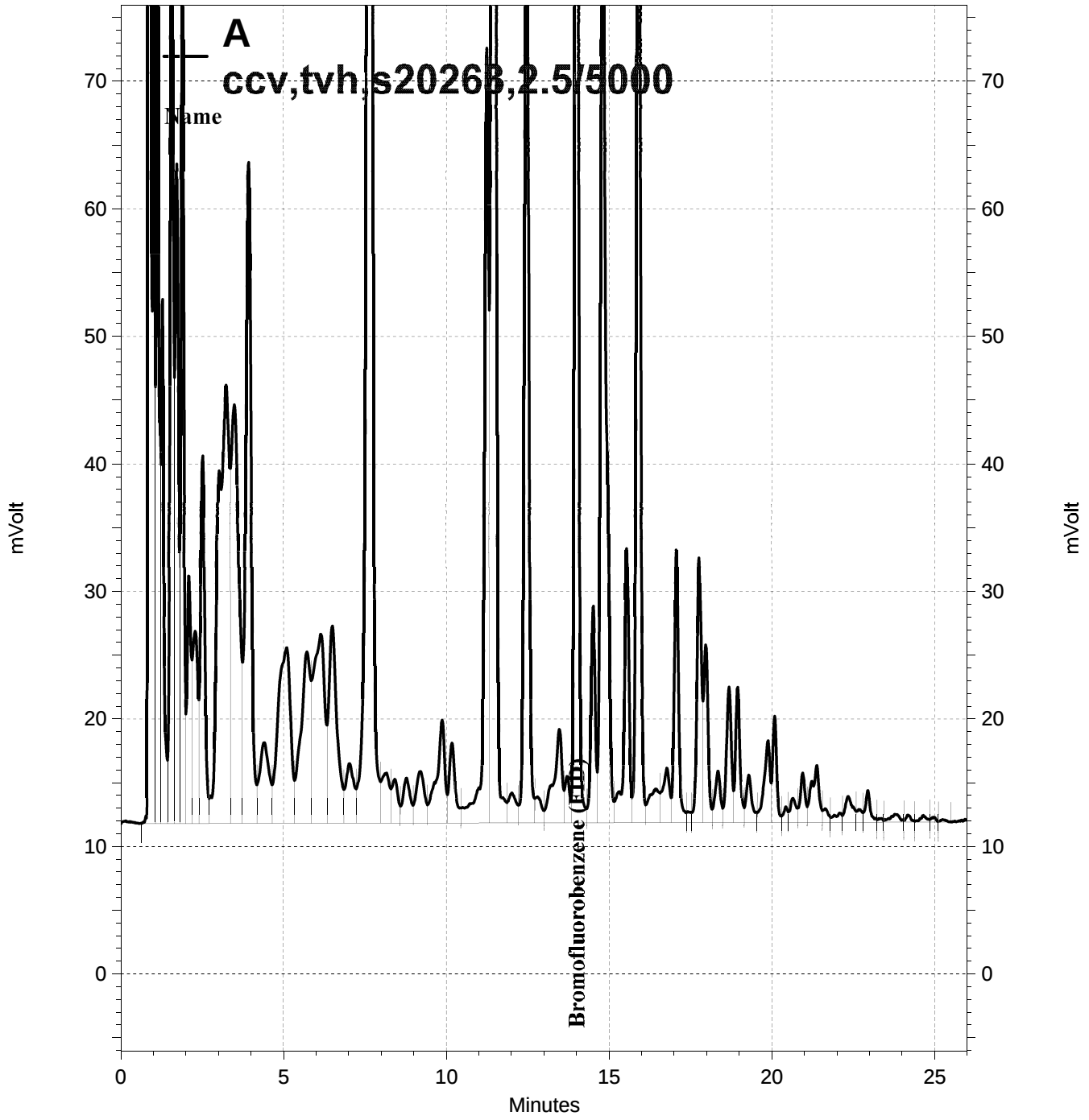
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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	08/09/12
Units:	ug/L	Received:	08/09/12
Diln Fac:	1.000	Prepared:	08/13/12
Batch#:	189403	Analyzed:	08/14/12

Field ID: C2 Lab ID: 238706-001
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
o-Terphenyl	91	61-134

Field ID: C3 Lab ID: 238706-002
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	51
Motor Oil C24-C36	ND	310

Surrogate	%REC	Limits
o-Terphenyl	109	61-134

Field ID: C1 Lab ID: 238706-003
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
o-Terphenyl	113	61-134

Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC651539

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
o-Terphenyl	105	61-134

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	189403
Units:	ug/L	Prepared:	08/13/12
Diln Fac:	1.000	Analyzed:	08/14/12

Type: BS Cleanup Method: EPA 3630C
Lab ID: QC651540

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,137	85	60-120

Surrogate	%REC	Limits
o-Terphenyl	102	61-134

Type: BSD Cleanup Method: EPA 3630C
Lab ID: QC651541

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,377	95	60-120	11	35

Surrogate	%REC	Limits
o-Terphenyl	113	61-134

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	189343
Units:	mg/Kg	Sampled:	08/09/12
Basis:	as received	Received:	08/09/12
Diln Fac:	1.000	Prepared:	08/10/12

Field ID: C1-10 Analyzed: 08/12/12
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 238706-005

Analyte	Result	RL
Diesel C10-C24	7.9 Y	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	90	54-129

Field ID: C3 SOIL Analyzed: 08/12/12
Type: SAMPLE Cleanup Method: EPA 3630C
Lab ID: 238706-007

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	101	54-129

Type: BLANK Analyzed: 08/10/12
Lab ID: QC651287 Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	97	54-129

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC651288	Batch#:	189343
Matrix:	Soil	Prepared:	08/10/12
Units:	mg/Kg	Analyzed:	08/10/12

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.00	48.30	97	51-131

Surrogate	%REC	Limits
o-Terphenyl	98	54-129

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	189343
MSS Lab ID:	238736-003	Sampled:	08/09/12
Matrix:	Soil	Received:	08/10/12
Units:	mg/Kg	Prepared:	08/10/12
Basis:	as received	Analyzed:	08/10/12
Diln Fac:	1.000		

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC651289

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	8.524	49.97	43.28	70	34-144

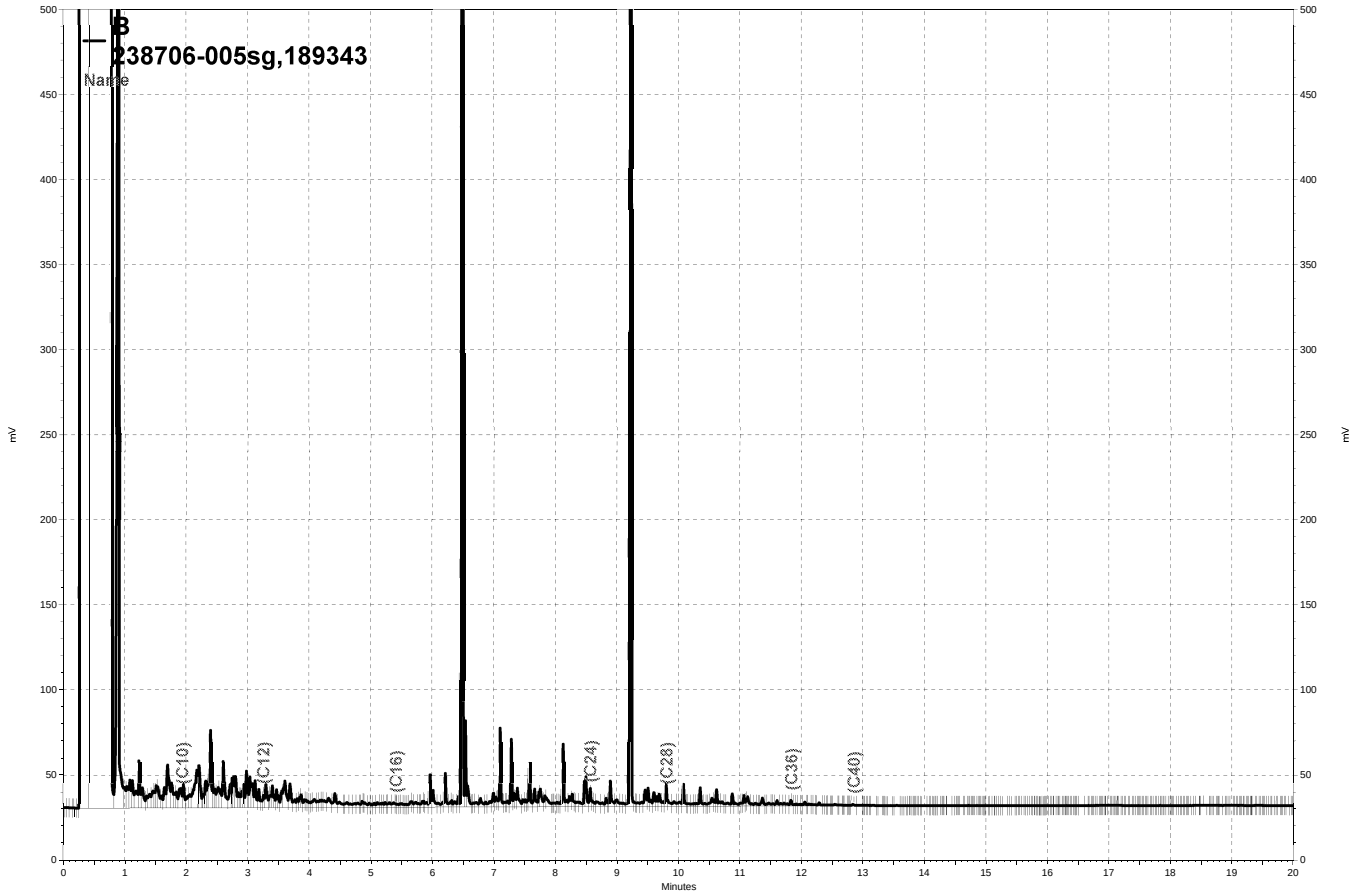
Surrogate	%REC	Limits
o-Terphenyl	79	54-129

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC651290

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.93	42.58	68	34-144	2	52

Surrogate	%REC	Limits
o-Terphenyl	78	54-129

RPD= Relative Percent Difference



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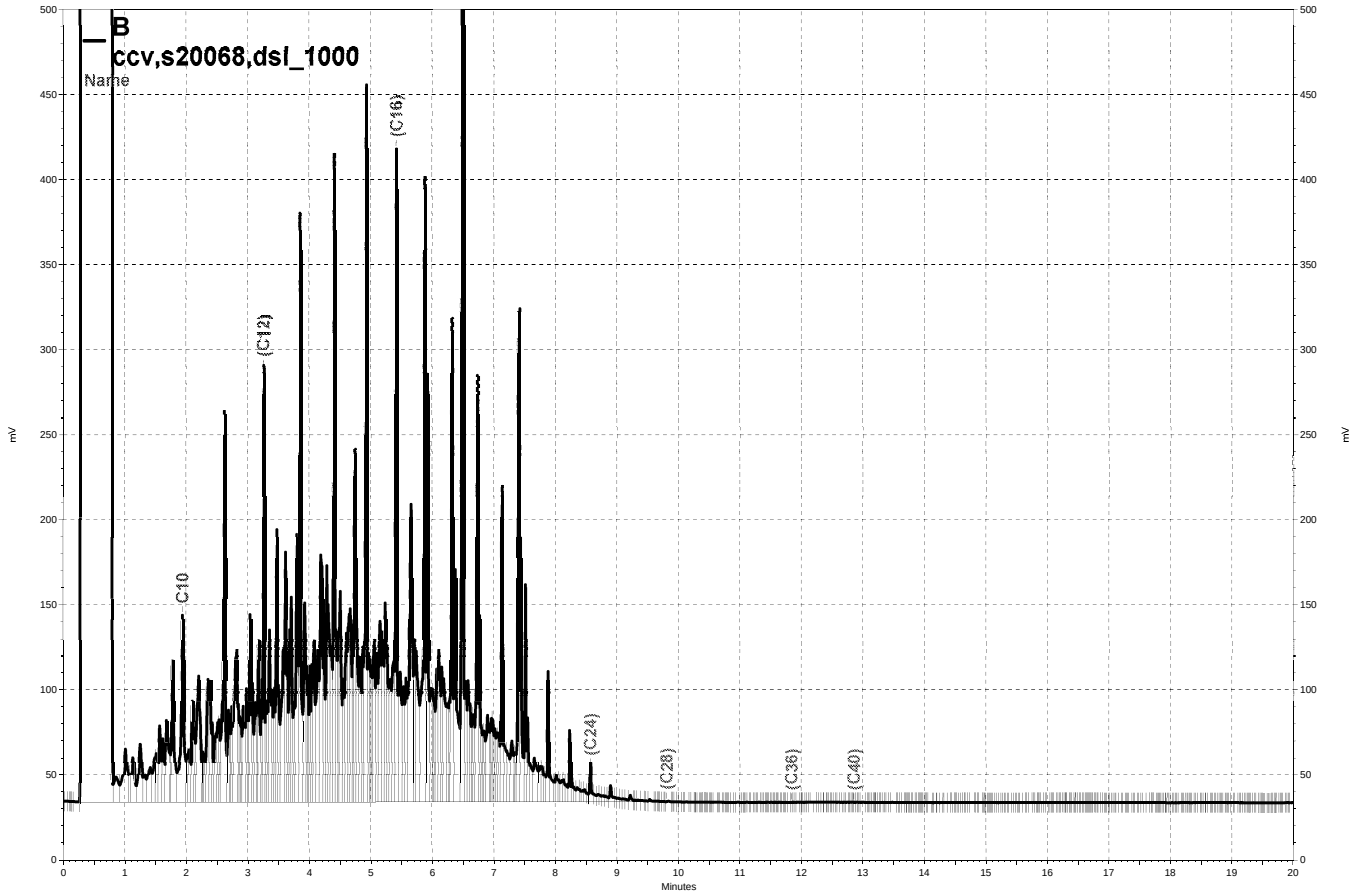

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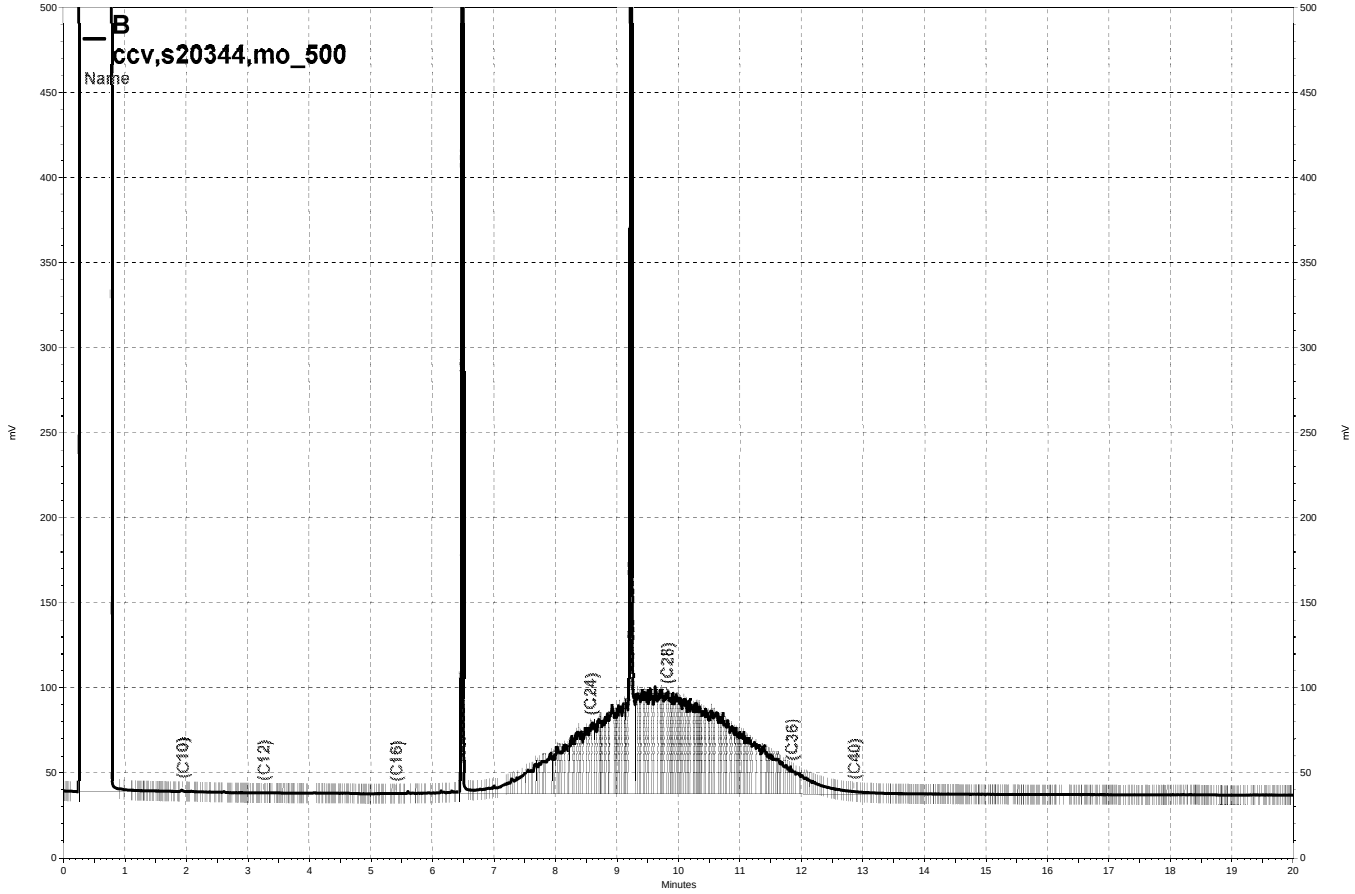

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Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C2	Batch#:	189328
Lab ID:	238706-001	Sampled:	08/09/12
Matrix:	Water	Received:	08/09/12
Units:	ug/L	Analyzed:	08/10/12
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C2	Batch#:	189328
Lab ID:	238706-001	Sampled:	08/09/12
Matrix:	Water	Received:	08/09/12
Units:	ug/L	Analyzed:	08/10/12
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	111	80-127
1,2-Dichloroethane-d4	99	69-148
Toluene-d8	96	80-120
Bromofluorobenzene	99	80-121

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C3	Batch#:	189328
Lab ID:	238706-002	Sampled:	08/09/12
Matrix:	Water	Received:	08/09/12
Units:	ug/L	Analyzed:	08/10/12
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	0.6	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C3	Batch#:	189328
Lab ID:	238706-002	Sampled:	08/09/12
Matrix:	Water	Received:	08/09/12
Units:	ug/L	Analyzed:	08/10/12
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	1.1	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	0.7	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	111	80-127
1,2-Dichloroethane-d4	98	69-148
Toluene-d8	97	80-120
Bromofluorobenzene	99	80-121

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C1	Batch#:	189328
Lab ID:	238706-003	Sampled:	08/09/12
Matrix:	Water	Received:	08/09/12
Units:	ug/L	Analyzed:	08/10/12
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C1	Batch#:	189328
Lab ID:	238706-003	Sampled:	08/09/12
Matrix:	Water	Received:	08/09/12
Units:	ug/L	Analyzed:	08/10/12
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-127
1,2-Dichloroethane-d4	96	69-148
Toluene-d8	97	80-120
Bromofluorobenzene	99	80-121

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	189328
Units:	ug/L	Analyzed:	08/10/12
Diln Fac:	1.000		

Type: BS Lab ID: QC651225

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.89	108	65-130
Benzene	25.00	27.17	109	80-123
Trichloroethene	25.00	27.82	111	76-121
Toluene	25.00	25.06	100	80-120
Chlorobenzene	25.00	24.36	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-127
1,2-Dichloroethane-d4	96	69-148
Toluene-d8	97	80-120
Bromofluorobenzene	99	80-121

Type: BSD Lab ID: QC651226

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	25.73	103	65-130	4	22
Benzene	25.00	26.12	104	80-123	4	20
Trichloroethene	25.00	26.19	105	76-121	6	20
Toluene	25.00	23.69	95	80-120	6	20
Chlorobenzene	25.00	22.71	91	80-120	7	20

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-127
1,2-Dichloroethane-d4	98	69-148
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-121

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC651227	Batch#:	189328
Matrix:	Water	Analyzed:	08/10/12
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC651227	Batch#:	189328
Matrix:	Water	Analyzed:	08/10/12
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-127
1,2-Dichloroethane-d4	97	69-148
Toluene-d8	96	80-120
Bromofluorobenzene	100	80-121

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	189328
MSS Lab ID:	238667-001	Sampled:	08/08/12
Matrix:	Water	Received:	08/08/12
Units:	ug/L	Analyzed:	08/10/12
Diln Fac:	1.000		

Type: MS Lab ID: QC651285

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.1268	25.00	31.77	127 *	71-122
Benzene	<0.1000	25.00	30.32	121	80-121
Trichloroethene	<0.1000	25.00	30.26	121	69-121
Toluene	<0.1000	25.00	26.70	107	80-120
Chlorobenzene	<0.1000	25.00	25.10	100	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-127
1,2-Dichloroethane-d4	100	69-148
Toluene-d8	95	80-120
Bromofluorobenzene	101	80-121

Type: MSD Lab ID: QC651286

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	29.17	117	71-122	9	21
Benzene	25.00	27.68	111	80-121	9	20
Trichloroethene	25.00	26.81	107	69-121	12	20
Toluene	25.00	24.17	97	80-120	10	20
Chlorobenzene	25.00	23.08	92	80-120	8	20

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-127
1,2-Dichloroethane-d4	97	69-148
Toluene-d8	93	80-120
Bromofluorobenzene	100	80-121

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C1-10	Diln Fac:	46.13
Lab ID:	238706-005	Batch#:	189364
Matrix:	Soil	Sampled:	08/09/12
Units:	ug/Kg	Received:	08/09/12
Basis:	as received	Analyzed:	08/12/12

Analyte	Result	RL
Freon 12	ND	460
Chloromethane	ND	460
Vinyl Chloride	ND	460
Bromomethane	ND	460
Chloroethane	ND	460
Trichlorofluoromethane	ND	230
Acetone	ND	920
Freon 113	ND	230
1,1-Dichloroethene	ND	230
Methylene Chloride	ND	920
Carbon Disulfide	ND	230
MTBE	ND	230
trans-1,2-Dichloroethene	ND	230
Vinyl Acetate	ND	2,300
1,1-Dichloroethane	ND	230
2-Butanone	ND	460
cis-1,2-Dichloroethene	ND	230
2,2-Dichloropropane	ND	230
Chloroform	ND	230
Bromochloromethane	ND	230
1,1,1-Trichloroethane	ND	230
1,1-Dichloropropene	ND	230
Carbon Tetrachloride	ND	230
1,2-Dichloroethane	ND	230
Benzene	ND	230
Trichloroethene	ND	230
1,2-Dichloropropane	ND	230
Bromodichloromethane	ND	230
Dibromomethane	ND	230
4-Methyl-2-Pentanone	ND	460
cis-1,3-Dichloropropene	ND	230
Toluene	ND	230
trans-1,3-Dichloropropene	ND	230
1,1,2-Trichloroethane	ND	230
2-Hexanone	ND	460
1,3-Dichloropropane	ND	230
Tetrachloroethene	ND	230

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C1-10	Diln Fac:	46.13
Lab ID:	238706-005	Batch#:	189364
Matrix:	Soil	Sampled:	08/09/12
Units:	ug/Kg	Received:	08/09/12
Basis:	as received	Analyzed:	08/12/12

Analyte	Result	RL
Dibromochloromethane	ND	230
1,2-Dibromoethane	ND	230
Chlorobenzene	ND	230
1,1,1,2-Tetrachloroethane	ND	230
Ethylbenzene	ND	230
m,p-Xylenes	ND	230
o-Xylene	ND	230
Styrene	ND	230
Bromoform	ND	230
Isopropylbenzene	250	230
1,1,2,2-Tetrachloroethane	ND	230
1,2,3-Trichloropropane	ND	230
Propylbenzene	1,400	230
Bromobenzene	ND	230
1,3,5-Trimethylbenzene	ND	230
2-Chlorotoluene	ND	230
4-Chlorotoluene	ND	230
tert-Butylbenzene	ND	230
1,2,4-Trimethylbenzene	ND	230
sec-Butylbenzene	520	230
para-Isopropyl Toluene	ND	230
1,3-Dichlorobenzene	ND	230
1,4-Dichlorobenzene	ND	230
n-Butylbenzene	1,400	230
1,2-Dichlorobenzene	ND	230
1,2-Dibromo-3-Chloropropane	ND	230
1,2,4-Trichlorobenzene	ND	230
Hexachlorobutadiene	ND	230
Naphthalene	ND	230
1,2,3-Trichlorobenzene	ND	230

Surrogate	%REC	Limits
Dibromofluoromethane	93	78-131
1,2-Dichloroethane-d4	101	75-141
Toluene-d8	101	80-120
Bromofluorobenzene	104	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C3 SOIL	Diln Fac:	0.8026
Lab ID:	238706-007	Batch#:	189321
Matrix:	Soil	Sampled:	08/09/12
Units:	ug/Kg	Received:	08/09/12
Basis:	as received	Analyzed:	08/10/12

Analyte	Result	RL
Freon 12	ND	8.0
Chloromethane	ND	8.0
Vinyl Chloride	ND	8.0
Bromomethane	ND	8.0
Chloroethane	ND	8.0
Trichlorofluoromethane	ND	4.0
Acetone	ND	16
Freon 113	ND	4.0
1,1-Dichloroethene	ND	4.0
Methylene Chloride	ND	16
Carbon Disulfide	ND	4.0
MTBE	ND	4.0
trans-1,2-Dichloroethene	ND	4.0
Vinyl Acetate	ND	40
1,1-Dichloroethane	ND	4.0
2-Butanone	ND	8.0
cis-1,2-Dichloroethene	ND	4.0
2,2-Dichloropropane	ND	4.0
Chloroform	ND	4.0
Bromochloromethane	ND	4.0
1,1,1-Trichloroethane	ND	4.0
1,1-Dichloropropene	ND	4.0
Carbon Tetrachloride	ND	4.0
1,2-Dichloroethane	ND	4.0
Benzene	ND	4.0
Trichloroethene	ND	4.0
1,2-Dichloropropane	ND	4.0
Bromodichloromethane	ND	4.0
Dibromomethane	ND	4.0
4-Methyl-2-Pentanone	ND	8.0
cis-1,3-Dichloropropene	ND	4.0
Toluene	ND	4.0
trans-1,3-Dichloropropene	ND	4.0
1,1,2-Trichloroethane	ND	4.0
2-Hexanone	ND	8.0
1,3-Dichloropropane	ND	4.0
Tetrachloroethene	ND	4.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	C3 SOIL	Diln Fac:	0.8026
Lab ID:	238706-007	Batch#:	189321
Matrix:	Soil	Sampled:	08/09/12
Units:	ug/Kg	Received:	08/09/12
Basis:	as received	Analyzed:	08/10/12

Analyte	Result	RL
Dibromochloromethane	ND	4.0
1,2-Dibromoethane	ND	4.0
Chlorobenzene	ND	4.0
1,1,1,2-Tetrachloroethane	ND	4.0
Ethylbenzene	ND	4.0
m,p-Xylenes	ND	4.0
o-Xylene	ND	4.0
Styrene	ND	4.0
Bromoform	ND	4.0
Isopropylbenzene	ND	4.0
1,1,2,2-Tetrachloroethane	ND	4.0
1,2,3-Trichloropropane	ND	4.0
Propylbenzene	ND	4.0
Bromobenzene	ND	4.0
1,3,5-Trimethylbenzene	ND	4.0
2-Chlorotoluene	ND	4.0
4-Chlorotoluene	ND	4.0
tert-Butylbenzene	ND	4.0
1,2,4-Trimethylbenzene	ND	4.0
sec-Butylbenzene	ND	4.0
para-Isopropyl Toluene	ND	4.0
1,3-Dichlorobenzene	ND	4.0
1,4-Dichlorobenzene	ND	4.0
n-Butylbenzene	ND	4.0
1,2-Dichlorobenzene	ND	4.0
1,2-Dibromo-3-Chloropropane	ND	4.0
1,2,4-Trichlorobenzene	ND	4.0
Hexachlorobutadiene	ND	4.0
Naphthalene	ND	4.0
1,2,3-Trichlorobenzene	ND	4.0

Surrogate	%REC	Limits
Dibromofluoromethane	95	78-131
1,2-Dichloroethane-d4	99	75-141
Toluene-d8	107	80-120
Bromofluorobenzene	105	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	189321
Units:	ug/Kg	Analyzed:	08/10/12
Diln Fac:	1.000		

Type: BS Lab ID: QC651202

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	22.99	92	70-129
Benzene	25.00	25.68	103	77-125
Trichloroethene	25.00	24.50	98	77-122
Toluene	25.00	26.70	107	78-120
Chlorobenzene	25.00	24.48	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-131
1,2-Dichloroethane-d4	111	75-141
Toluene-d8	106	80-120
Bromofluorobenzene	97	79-128

Type: BSD Lab ID: QC651203

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	22.55	90	70-129	2	20
Benzene	25.00	25.43	102	77-125	1	20
Trichloroethene	25.00	24.77	99	77-122	1	20
Toluene	25.00	26.15	105	78-120	2	20
Chlorobenzene	25.00	24.41	98	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	100	78-131
1,2-Dichloroethane-d4	108	75-141
Toluene-d8	105	80-120
Bromofluorobenzene	97	79-128

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC651204	Batch#:	189321
Matrix:	Soil	Analyzed:	08/10/12
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC651204	Batch#:	189321
Matrix:	Soil	Analyzed:	08/10/12
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	78-131
1,2-Dichloroethane-d4	101	75-141
Toluene-d8	110	80-120
Bromofluorobenzene	100	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC651383	Batch#:	189364
Matrix:	Soil	Analyzed:	08/12/12
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC651383	Batch#:	189364
Matrix:	Soil	Analyzed:	08/12/12
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-131
1,2-Dichloroethane-d4	103	75-141
Toluene-d8	107	80-120
Bromofluorobenzene	103	79-128

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 5035
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	189364
Units:	ug/Kg	Analyzed:	08/12/12
Diln Fac:	1.000		

Type: BS Lab ID: QC651384

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	18.82	94	70-129
Benzene	20.00	19.12	96	77-125
Trichloroethene	20.00	18.80	94	77-122
Toluene	20.00	22.01	110	78-120
Chlorobenzene	20.00	19.04	95	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	105	78-131
1,2-Dichloroethane-d4	104	75-141
Toluene-d8	109	80-120
Bromofluorobenzene	101	79-128

Type: BSD Lab ID: QC651385

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	20.00	19.51	98	70-129	4	20
Benzene	20.00	19.00	95	77-125	1	20
Trichloroethene	20.00	18.70	94	77-122	1	20
Toluene	20.00	21.85	109	78-120	1	20
Chlorobenzene	20.00	18.99	95	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	103	78-131
1,2-Dichloroethane-d4	99	75-141
Toluene-d8	107	80-120
Bromofluorobenzene	104	79-128

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

California LUFT Metals

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Soil	Sampled:	08/09/12
Units:	mg/Kg	Received:	08/09/12
Basis:	as received	Prepared:	08/11/12
Diln Fac:	1.000	Analyzed:	08/13/12
Batch#:	189361		

Field ID: C1-10 Lab ID: 238706-005
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	0.27
Chromium	46	0.27
Lead	5.0	0.27
Nickel	51	0.27
Zinc	49	1.1

Field ID: C3 SOIL Lab ID: 238706-007
Type: SAMPLE

Analyte	Result	RL
Cadmium	0.28	0.25
Chromium	44	0.25
Lead	5.3	0.25
Nickel	46	0.25
Zinc	48	1.0

Type: BLANK Lab ID: QC651370

Analyte	Result	RL
Cadmium	ND	0.25
Chromium	ND	0.25
Lead	ND	0.25
Nickel	ND	0.25
Zinc	ND	1.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC651371	Batch#:	189361
Matrix:	Soil	Prepared:	08/11/12
Units:	mg/Kg	Analyzed:	08/13/12

Analyte	Spiked	Result	%REC	Limits
Cadmium	10.00	11.24	112	80-120
Chromium	100.0	105.1	105	80-120
Lead	100.0	101.7	102	80-120
Nickel	25.00	25.86	103	80-120
Zinc	25.00	26.87	107	80-120

Curtis & Tompkins, Ltd.

Batch QC Report

California LUFT Metals

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	189361
MSS Lab ID:	238752-001	Sampled:	08/10/12
Matrix:	Soil	Received:	08/10/12
Units:	mg/Kg	Prepared:	08/11/12
Basis:	as received	Analyzed:	08/13/12
Diln Fac:	1.000		

Type: MS Lab ID: QC651372

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	0.1520	9.174	9.617	103	74-120
Chromium	51.34	91.74	153.8	112	62-124
Lead	6.125	91.74	95.60	98	58-124
Nickel	48.17	22.94	75.28	118	49-135
Zinc	52.16	22.94	79.48	119	43-147

Type: MSD Lab ID: QC651373

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	10.42	11.04	105	74-120	1	20
Chromium	104.2	161.1	105	62-124	4	34
Lead	104.2	106.0	96	58-124	2	44
Nickel	26.04	79.04	119	49-135	1	37
Zinc	26.04	84.41	124	43-147	2	41

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Dissolved California LUFT Metals

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Filtrate	Sampled:	08/09/12
Units:	ug/L	Received:	08/09/12
Diln Fac:	1.000	Prepared:	08/14/12
Batch#:	189463	Analyzed:	08/15/12

Field ID: C2 Lab ID: 238706-001
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	5.0
Lead	ND	5.0
Nickel	7.4	5.0
Zinc	ND	20

Field ID: C3 Lab ID: 238706-002
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	5.0
Lead	ND	5.0
Nickel	6.1	5.0
Zinc	ND	20

Field ID: C1 Lab ID: 238706-003
Type: SAMPLE

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	5.0
Lead	ND	5.0
Nickel	9.0	5.0
Zinc	ND	20

Type: BLANK Lab ID: QC651767

Analyte	Result	RL
Cadmium	ND	5.0
Chromium	ND	5.0
Lead	ND	5.0
Nickel	ND	5.0
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved California LUFT Metals

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 6010B
Matrix:	Filtrate	Batch#:	189463
Units:	ug/L	Prepared:	08/14/12
Diln Fac:	1.000	Analyzed:	08/15/12

Type: BS Lab ID: QC651768

Analyte	Spiked	Result	%REC	Limits
Cadmium	50.00	46.15	92	80-120
Chromium	200.0	175.9	88	80-120
Lead	100.0	88.51	89	78-120
Nickel	500.0	429.4	86	80-120
Zinc	500.0	442.5	89	80-120

Type: BSD Lab ID: QC651769

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	50.00	48.21	96	80-120	4	20
Chromium	200.0	183.9	92	80-120	4	20
Lead	100.0	92.09	92	78-120	4	20
Nickel	500.0	451.2	90	80-120	5	20
Zinc	500.0	463.3	93	80-120	5	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved California LUFT Metals

Lab #:	238706	Location:	SL Armory
Client:	Applied Water Resources	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	189463
MSS Lab ID:	238598-001	Sampled:	08/06/12
Matrix:	Filtrate	Received:	08/07/12
Units:	ug/L	Prepared:	08/14/12
Diln Fac:	1.000	Analyzed:	08/15/12

Type: MS Lab ID: QC651770

Analyte	MSS Result	Spiked	Result	%REC	Limits
Cadmium	<0.4753	50.00	50.53	101	76-120
Chromium	11.70	200.0	209.3	99	74-120
Lead	2.507	100.0	98.79	96	65-120
Nickel	2.111	500.0	481.9	96	74-120
Zinc	7.297	500.0	512.0	101	75-124

Type: MSD Lab ID: QC651771

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Cadmium	50.00	51.88	104	76-120	3	20
Chromium	200.0	212.9	101	74-120	2	21
Lead	100.0	101.4	99	65-120	3	29
Nickel	500.0	493.0	98	74-120	2	21
Zinc	500.0	523.6	103	75-124	2	27

RPD= Relative Percent Difference

EMSL Analytical, Inc.

2235 Polvorosa Drive, Suite 230, San Leandro, CA 94577 ◆ (510) 895-3675 ◆ sanleandrolab@emsl.com

EMSL ANALYTICAL, INC.

Client: Yola Bayram
Applied Water Resources
1600 Riviera Avenue, Suite 310
Walnut Creek, CA 94596

Attention:
Fax: 925-938-1610 Phone: 925-938-1600
Project: SL Armory

EMSL Reference: 091209213

Date Received: 07/19/12
Date Analyzed: 07/26/12
Date Reported: 07/26/12

Asbestos Analysis of Bulk Samples via Modified EPA 600/R-93/116 Method Utilizing Analytical Electron Microscopy (Section 2.5.5.2) with CARB 435 Prep (Milling) Level E for 0.0005% Target Analytical Sensitivity

Client Sample ID	*EMSL Sample ID*	*Asbestos Type(s)*	*# of Asbestos Structures Detected*	*Analytical Sensitivity %*	*Asbestos Weight %*	*Comments*
1	091209213-0001	Chrysotile Actinolite	5 2	0.0005	<0.005	14 Non-regulated amphibole fibers detected

Analysts
Rui Geng (1)

Approved EMSL Signatory

EMSL maintains liability limited to cost of analysis. This method requires the laboratory to analyze the sample until the first fiber found compromises 5% of the total mass. Due to the size and mass of different asbestos fibers, the analytical sensitivity will vary between samples and may prevent the laboratory from achieving the target sensitivity on all samples. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client.

EMSL Analytical, Inc
2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
http://www.emsl.com sanleandrolab@emsl.com

EMSL Order:	091209212
CustomerID:	EVRS25
CustomerPO:	SL ARMORY
ProjectID:	

Attn: **Yola Bayram**
Applied Water Resources
1600 Riviera Avenue
Suite 310
Walnut Creek, CA 94596

Project: **SL ARMORY**

Phone:	(925) 938-1600
Fax:	(408) 220-4876
Received:	07/19/12 1:30 PM
Analysis Date:	7/25/2012
Collected:	7/19/2012

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1 *091209212-0001*	S2	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
2 *091209212-0002*	OMS1	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
3 *091209212-0003*	B1	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
4 *091209212-0004*	N3	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
5 *091209212-0005*	S1	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
6 *091209212-0006*	N2	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
7 *091209212-0007*	N1	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)

Jorge Leon (10)

Baojia Ke, Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from 07/25/2012 18:37:23

EMSL Analytical, Inc
2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
http://www.emsl.com sanleandrolab@emsl.com

EMSL Order:	091209212
CustomerID:	EVRS25
CustomerPO:	SL ARMORY
ProjectID:	

Attn: **Yola Bayram**
Applied Water Resources
1600 Riviera Avenue
Suite 310
Walnut Creek, CA 94596

Project: **SL ARMORY**

Phone:	(925) 938-1600
Fax:	(408) 220-4876
Received:	07/19/12 1:30 PM
Analysis Date:	7/25/2012
Collected:	7/19/2012

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
8 *091209212-0008*	A2	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
9 *091209212-0009*	A1	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**
10 *091209212-0010*	B2	Brown Non-Fibrous Homogeneous		100.00% Non-fibrous (other)	**None Detected**

Analyst(s)

Jorge Leon (10)

Baojia Ke, Laboratory Manager
or other approved signatory

Initial report from 07/25/2012 18:37:23


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 238060
ANALYTICAL REPORT

Applied Water Resources	Project : STANDARD
1600 Rivera Ave Suite 310	Location : San Lorenzo Armory
Walnut Creek, CA 94596	Level : II

Sample ID	Lab ID
S2	238060-001
OMS1-SUR	238060-002
B1-SUR	238060-003
N3-SUR	238060-004
S1	238060-005
N2	238060-006
N1-SUR	238060-007
A2	238060-008
A1	238060-009
B2-SUR	238060-010

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 07/26/2012
Project Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**238060**
Client:	**Applied Water Resources**
Location:	**San Lorenzo Armory**
Request Date:	**07/19/12**
Samples Received:	**07/19/12**

This data package contains sample and QC results for ten soil samples, requested for the above referenced project on 07/19/12. The samples were received intact.

Metals (EPA 6020):
No analytical problems were encountered.

SAMPLE ANALYSIS/COMPOSITE REQUEST FORM 238469
CHAIN-OF-CUSTODY

Invoice to: Applied Water Resources				Date: 7-19-2012				Page: 1 of 1					
Project : San Lorenzo Armory				Location: 16501 Ashland Ave San Lorenzo, CA									
Client: USACE				Locus edd ☐ Excel edd ☐ pdf report ☑ Geotracker edf ☐									
Project Manager/email: smichelson@awrcorp.net				Tel: (925) 938-1600 ext				Fax: (925) 938-1610					
Laboratory: C&T				Turnaround Time (days)	1	2	3	4	5	6	7	14	Std
					On Site								x
Sampler Signature:					Analysis Required								
	Sample ID	Date	Time	Type (Soil, Water, etc.)	# Containers	Preservative	Total Lead (6020)						Hold
1	S2	7/19/12	1200	Soil	1	None	X						
2	OMS1-Sur	7/19/12	1215	Soil	1	None	X						
3	B1-Sur	7/19/12	1100	Soil	1	None	X						
4	N3-Sur	7/19/12	1130	Soil	1	None	X						
5	S1	7/19/12	1140	Soil	1	None	X						
6	N2	7/19/12	1115	Soil	1	None	X						
7	N1-Sur	7/19/12	1150	Soil	1	None	X						
8	A2	7/19/12	1030	Soil	1	None	X						
9	A1	7/19/12	1045	Soil	1	None	X						
10	B2-Sur	7/19/12	1000	Soil	1	None	X						

Notes:

Relinquished by:	Date	Time	Received by:	Date	Time
	7-19-12	1350	Desiree Titcault	7/19/12	1350
Relinquished by:	Date	Time	Received by:	Date	Time

Environmental Risk Services, Inc.
1600 Riviera Ave Suite 310, Walnut Creek, CA 94596
(925)938-1600 Fax (925)938-1610

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 238466 Date Received 7/19/12 Number of coolers 8
Client USACE Project San Lorenzo Armory

Date Opened 7/19/12 By (print) CRM (sign)
Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) YES (NO)
   Shipping info
2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☒ NO
   How many Name Date
2B. Were custody seals intact upon arrival? YES NO (N/A)
3. Were custody papers dry and intact when received? (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe)

☐ Bubble Wrap ☐ Foam blocks ☒ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☐ Wet ☐ Blue/Gel ☒ None Temp(°C)

☐ Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES (NO)
   If YES, what time were they transferred to freezer?
9. Did all bottles arrive unbroken/unopened? (YES) NO
10. Are there any missing / extra samples? YES (NO)
11. Are samples in the appropriate containers for indicated tests? (YES) NO
12. Are sample labels present, in good condition and complete? (YES) NO
13. Do the sample labels agree with custody papers? (YES) NO
14. Was sufficient amount of sample sent for tests requested? (YES) NO
15. Are the samples appropriately preserved? YES NO (N/A)
16. Did you check preservatives for all bottles for each sample? YES NO (N/A)
17. Did you document your preservative check? YES NO (N/A)
18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? YES NO (N/A)
21. Was the client contacted concerning this sample delivery? YES (NO)
   If YES, Who was called? By Date:

COMMENTS

Rev 10, 11/11

Curtis & Tompkins, Ltd.

Lead

Lab #:	238060	Location:	San Lorenzo Armory
Client:	Applied Water Resources	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6020
Analyte:	Lead	Batch#:	188739
Matrix:	Soil	Sampled:	07/19/12
Units:	mg/Kg	Received:	07/19/12
Basis:	as received	Prepared:	07/23/12
Diln Fac:	25.00	Analyzed:	07/24/12

Field ID	Type	Lab ID	Result	RL
S2	SAMPLE	238060-001	30	0.23
OMS1-SUR	SAMPLE	238060-002	24	0.21
B1-SUR	SAMPLE	238060-003	22	0.23
N3-SUR	SAMPLE	238060-004	35	0.24
S1	SAMPLE	238060-005	34	0.25
N2	SAMPLE	238060-006	21	0.23
N1-SUR	SAMPLE	238060-007	22	0.24
A2	SAMPLE	238060-008	19	0.25
A1	SAMPLE	238060-009	22	0.23
B2-SUR	SAMPLE	238060-010	21	0.23
	BLANK	QC648842	ND	0.25

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Lead

Lab #:	238060	Location:	San Lorenzo Armory
Client:	Applied Water Resources	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6020
Analyte:	Lead	Diln Fac:	25.00
Field ID:	S2	Batch#:	188739
MSS Lab ID:	238060-001	Sampled:	07/19/12
Matrix:	Soil	Received:	07/19/12
Units:	mg/Kg	Prepared:	07/23/12
Basis:	as received	Analyzed:	07/24/12

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC648843		25.00	22.95	92	77-121		
BSD	QC648844		25.00	21.99	88	77-121	4	20
MS	QC648845	30.41	24.04	51.62	88	60-133		
MSD	QC648846		22.94	49.28	82	60-133	3	31

RPD= Relative Percent Difference