

APPENDIX I

Environmental Site Investigations

Phase I Environmental Site Assessment
THE VILLAGE AT LOOMIS PROPERTY
54 Acres at Eastern Terminus of Library Drive
Town of Loomis
Placer County, California
WKA No. 9826.01
August 9, 2013

Prepared for:
Todd Chambers
The True Life Companies
12647 Alcosta Boulevard, Suite 470
San Ramon, California 94583

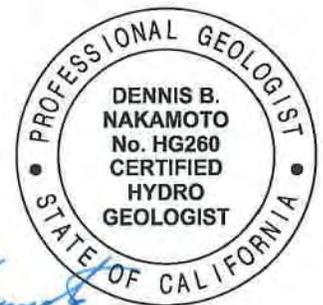
Phase I Environmental Site Assessment
THE VILLAGE AT LOOMIS PROPERTY
54 Acres at the Eastern Terminus of Library Drive
Town of Loomis
Placer County, California
WKA No. 9826.01
August 9, 2013

Wallace-Kuhl & Associates (WKA), on behalf of The True Life Companies, prepared this Phase I Environmental Site Assessment for The Village at Loomis Property located at the eastern terminus of Library Drive, in Loomis, Placer County, California. We declare that, to the best of our professional knowledge and belief, the report reviewer meets the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and have the “specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.” Resumes of the key staff who prepared this report are included in Appendix A.

WALLACE•KUHL & ASSOCIATES


Bryan C. Yates
Environmental Scientist


Dennis B. Nakamoto, PG, CEG, CHG
Senior Hydrogeologist



Phase I Environmental Site Assessment
THE VILLAGE AT LOOMIS PROPERTY

TABLE OF CONTENTS

EXECUTIVE SUMMARY	i
1.0 INTRODUCTION	1
1.1 Purpose.....	1
1.2 Scope of Services	1
1.3 Special Terms and Conditions	2
1.4 User Provided Information	2
2.0 SITE DESCRIPTION	4
2.1 Site and Vicinity General Characteristics.....	4
2.2 Site Reconnaissance	4
2.2.1 Municipal Infrastructure and Utilities.....	4
2.3 Adjoining Properties.....	5
3.0 INTERVIEWS	6
3.1 Owner or Key Site Manager.....	6
3.2 Occupants (Multi-family or Major)	6
3.3 Past and Present Owners, Operators, and/or Occupants.....	6
3.4 State and/or Local Government Officials	6
3.5 Abandoned Properties	6
4.0 RECORDS REVIEW.....	8
4.1 Physical Setting Source(s).....	8
4.1.1 Regional and Local Geology.....	8
4.1.2 Soil Survey.....	8
4.1.3 Regional and Local Groundwater	9
4.2 Historical Use Information	9
4.2.1 Sanborn® Maps.....	10
4.2.2 Topographic Maps	10
4.2.3 Oil and Gas Well Maps	11
4.2.4 Aerial Photographs	11
4.2.5 Ownership Records	12
4.2.6 Building Department Records.....	12
4.2.7 Local Street Directories	12
4.2.8 Zoning and Land Use Records.....	12
4.2.9 Other Historical Sources.....	13
4.2.10 Prior Assessments.....	13
4.3 Environmental Record Sources	14
4.3.1 Regulatory Agency Databases	14
4.3.2 Preliminary Screen for Vapor Encroachment Conditions	16
4.3.3 Environmental Lien Search.....	16
5.0 CONCLUSIONS AND RECOMMENDATIONS.....	17
5.1 Data Gaps.....	17
5.2 Conclusions	17
5.3 Recommendations	18
5.4 Exceptions and/or Deletions	18
5.5 Additional Services	18
6.0 LIMITATIONS	19
7.0 REFERENCES	20



Phase I Environmental Site Assessment
THE VILLAGE AT LOOMIS PROPERTY

TABLE OF CONTENTS

FIGURES

- 1 Vicinity Map
- 2 Topographic Map
- 3 Parcel Map
- 4 Aerial Site Map
- 5a Color Photographs
- 5b Color Photographs
- 5c Color Photographs
- 5d Color Photographs
- 5e Color Photographs

APPENDICES

- A Resumes
- B ASTM E 1527-05 User Questionnaire and Helpful Documents Checklist
- C EDR[®] Radius Map Report Executive Summary
- D Preliminary Screen for Vapor Encroachment Conditions Matrix

Attached CD contains: EDR[®] Reports: (Radius Map Report, Aerial Photographic Decade Package, Historical Topographic Maps, Sanborn Map Search), Preliminary Title Report, and Phase I ESA The Village at Loomis Property (WKA No. 9826.01 dated August 9, 2013).



Phase I Environmental Site Assessment
THE VILLAGE AT LOOMIS PROPERTY

EXECUTIVE SUMMARY

The purpose of this Phase 1 Environmental Site Assessment (ESA) was to assess The Village at Loomis Property (herein referred to as site) for evidence of Recognized Environmental Conditions (RECs) resulting from current and/or former site activities. The site is located at the eastern terminus of Library Drive, in Loomis, Placer County, California (Figures 1, 2, 3, and 4). The 54-acre site is mostly undeveloped and comprised of the following Placer County Assessor's Parcel Numbers (APNs): 043-080-015, 043-080-044, 044-094-001, 044-094-004, 044-094-005, 044-094-006, and 044-094-010 (Figure 3). The following presents a list of observations and findings identified during the preparation of this report:

- The historical land use research dating back to the late 1893 revealed that the site has remained generally undeveloped with agricultural and rural residential uses.
- According to the Preliminary Title Report, no environmental liens are associated with the site.
- No agency listed facilities are located within the immediate vicinity of the site. Based on the completion of the vapor encroachment condition (VEC) screening matrix, WKA concludes a VEC can be ruled out because a VEC does not or is not likely to exist.
- One older transformer was observed along the northern site boundary.
- Two areas of debris were observed within the site. One small area in the central portion of the site and one area of concentrated debris around a small homeless encampment along the northern site boundary.
- A small barn with a burned interior was observed within the western area of the site.
- The structures located within the site were constructed at a time when lead based paints and asbestos containing building materials may have been utilized during their construction or renovation.

WKA has performed this ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 for The Village at Loomis Property.



Phase I Environmental Site Assessment
THE VILLAGE AT LOOMIS PROPERTY

1.0 INTRODUCTION

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to evaluate The Village at Loomis Property (herein referred to as site) for evidence of potential Recognized Environmental Conditions (RECs) resulting from current and/or former site activities as defined by the American Society of Testing and Materials (ASTM) Standard E 1527-05 (ASTM, 2005).

According to the ASTM, “this practice is intended to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner, or bona fide prospective purchaser* limitations on CERCLA [Comprehensive Environmental Response, Compensation and Liability Act] liability (hereinafter, the “*landowner liability protections*,” or “*LLPs*”): that is, the practice that constitutes “*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice” as defined at 42 U.S.C. §9601(35)(B).”

This ESA has been performed in general conformance with the ASTM Standard E 1527-05 and the scope and limitations defined in Wallace-Kuhl & Associates (WKA) proposal, 3PR13135, dated July 25, 2013.

1.2 Scope of Services

WKA has completed this ESA for the site shown on Figures 1 through 4. Mr. Aidan Barry with The True Life Companies authorized WKA to proceed with this assessment on July 26, 2013 through a signed WKA Environmental Site Assessment Consulting Agreement.

The scope of this assessment included the following:

- Conduct a site reconnaissance for visual evidence of surface contamination and potential sources of subsurface contamination;
- Conduct a visual inspection of the adjoining properties for evidence of RECs
- Conduct interviews with the following, as available:
 - Key site manager,
 - Major occupants,
 - Past and present owners, operators,



- Government and/or agency personnel, and,
- Inquiries conducted at abandoned sites may include interviews with owners or occupants of neighboring or nearby properties;
- Conduct a records review, which will include the following:
 - Physical setting documents to determine regional geology, general soil information, and local and regional groundwater conditions,
 - Historical information, including but not limited to, Sanborn maps, topographic maps, aerial photographs, ownership records, building department records, local street directories, zoning and land use records, and prior assessments, as available,
 - Environmental records, including federal, state, tribal, and county regulatory agency lists that will help identify RECs on the site and the adjoining properties, and,
 - Based on the outcome of the database search, review of specific regulatory agency files for identified contaminated facilities in order to evaluate whether the listed facilities are hazardous materials threats to the site;
- Conduct a preliminary screen for vapor encroachment conditions on the site per ASTM E2600-10;
- Review of the completed *ASTM E 1527-05 User Questionnaire (Questionnaire)* regarding Recorded Environmental Liens, activity and use limitations (AULs), relationship of the purchase price to the fair market value of the site, and any specialized knowledge of the site;
- Review of environmental liens and AULs reports, as provided; and
- Prepare a final report of the results of the ESA.

1.3 Special Terms and Conditions

No special terms or conditions to the WKA Professional Services Agreement or the WKA scope of services were requested or performed during the preparation of this report. The True Life Companies authorized WKA to conduct a search for environmental liens and AULs.

1.4 User Provided Information

WKA provided The True Life Companies a copy of the User Questionnaire and the Helpful Documents checklist. The True Life Companies returned the documents after they were completed. Mr. Todd Chambers of The True Life Companies completed the Helpful Documents Checklist and Mr. Todd Lowell (current owner) completed a copy of the questionnaire.



Discussion regarding their responses is provided in the following section. Copies of the completed questionnaires are included in Appendix B.

In summary, Mr. Chambers provided previously completed environmental assessments, environmental investigations, and a geotechnical report. Mr. Lowell listed orchards and grazing as the only previous site uses. The previously completed assessments and investigations determined that the former orchard did not pose a significant health threat.



2.0 SITE DESCRIPTION

2.1 Site and Vicinity General Characteristics

The site is generally located at the eastern terminus of Library Drive in the Town of Loomis, Placer County, California (Figures 1 and 2). The site is identified by Placer County Assessor's Parcel Numbers (APNs) 043-080-015, 043-080-044, 044-094-001, 044-094-004, 044-094-005, 044-094-006, and 044-094-010. The site comprises approximately 54 acres of mostly vacant land with three, single family residences (Figure 3). Surrounding land use includes a retail/grocery shopping center, a residential subdivision, and Interstate 80.

2.2 Site Reconnaissance

A visual site reconnaissance was conducted by WKA on August 5, 2013. Figure 5 provides color photographs of the site taken during the site reconnaissance.

On the day of field reconnaissance the site was mostly vacant land. Three single family residences with associated out buildings/garages were located within the western area of the site. One small barn with a burned interior was also located within the western area of the site. This barn was covered by corrugated steel sheathing that was observed to be unpainted galvanized material. The site is generally covered with seasonal grasses. A heavily wooded area with ponded water is located within the central area of the site. Much of the perimeter of the site appears to have been mowed using an agricultural discing implement presumably for fire control.

A small amount of debris generally consisting of one rusted, empty 55-gallon metal drum, wood debris, fencing materials, and a torn mattress were observed within central area of the site. A small homeless encampment was observed within the site. The encampment was located along the western portion of the approximate northern boundary of the site. A large quantity of debris was located in this area. The debris generally consisted of household debris.

2.2.1 Municipal Infrastructure and Utilities

Pole mounted power lines were observed along the approximate northern and western boundaries of the site. Two transformers were observed along the northern site boundary. The western transformer was generally clean with a blue sticker affixed stating that it was PCB free. The eastern transformer was older and faded. WKA staff observed signage for Placer County Water Agency water lines and South Placer Municipal Utility sanitary sewer lines within Library Drive and crossing the central area of the site.



2.3 Adjoining Properties

The site is surrounded by the following generalized uses:

North – Residential subdivision

East – Interstate 80 and vacant land

South - Interstate 80

West – Loomis Library, single family residences, and general commercial/retail



3.0 INTERVIEWS

Interviews with various persons familiar with the site vicinity, including representatives of public agencies, were conducted for the purpose of identifying past and present uses, which may have contributed to RECs on the site. Results of those interviews are discussed in the following sections.

3.1 Owner or Key Site Manager

Mr. Todd Lowell (current owner) completed a copy of the user questionnaire. Mr. Lowell listed orchards and grazing as the only previous site uses.

3.2 Occupants (Multi-family or Major)

Three residences are located within the western area of the site. A small homeless encampment was observed along the northern boundary of the site. The occupants were not interviewed for this report.

3.3 Past and Present Owners, Operators, and/or Occupants

No information regarding past owners was received by WKA during completion of this report.

3.4 State and/or Local Government Officials

WKA staff interviewed Mr. Matt Lopez with the Town of Loomis. Mr. Lopez stated that there are only minor building permits for electrical, roofing, and re-models on file for the residences located along the western end of the site. Mr. Lopez stated that the western half of the site is zoned General Commercial (CG) and the eastern half of the site is zoned Single Family Residential (RS-5). Mr. Lopez went on to state that the current ownership has a pending development application on file with the Town of Loomis and that the application is on hold.

WKA staff interviewed Ms. Pat Patton with the Placer County Department of Agriculture and Weights & Measures. Ms. Patton stated that the County retains pesticide documentation for the current year and two prior years.

3.5 Abandoned Properties

As referenced in 40 CFR Part 312, in the case of inquiries conducted at “abandoned properties,” as defined in §312.23(d), “where there is evidence of potential unauthorized uses of the site or evidence of uncontrolled access to the site, the environmental professional’s inquiry must include interviewing one or more (as necessary) owners or occupants of neighboring or nearby properties from which it appears possible to have observed uses of, or releases at, such



abandoned properties...” No evidence of potential unauthorized uses, or evidence of uncontrolled access to the site was observed. The site is not considered an abandoned property and therefore, WKA did not interview owners or occupants of neighboring properties.



4.0 RECORDS REVIEW

The purpose of the records review is to obtain and review information concerning the current and historical use of the site and adjoining properties that would help identify the presence of RECs in connection with the site. The records review included review and discussion of the following, as available:

- Physical Setting Source(s);
- Historical Use Information; and,
- Environmental Record Sources.

4.1 Physical Setting Source(s)

The site is depicted on the 1981 (photo-revision from 1967) United States Geological Survey (USGS) 7.5 Minute topographic map of the Rocklin, California Quadrangle as mostly undeveloped land. Six small structures are mapped within the western area of the site. The site is located within Sections 9 and 10, Township 10 North, Range 7 East, Mount Diablo Base and Meridian, in Placer County, State of California. According to the topographic map, the site ranges in approximate elevation from approximately 425 feet relative to mean sea level (msl) in the north to approximately 375 feet msl in the south.

4.1.1 Regional and Local Geology

The site is located within the Sierra Nevada geomorphic province. The Sierra is a tilted fault block nearly 400 miles long. Its east face is a high, rugged multiple scarp, contrasting with the gentle western slope that disappears under sediments of the Great Valley.

The 1981 California Geologic Survey, Geologic Map of the Sacramento Quadrangle, Regional Geologic Map Number 1A, shows the site to be underlain by Mesozoic Dioritic Rocks labeled the Penryn Pluton.

4.1.2 Soil Survey

The United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) has created a web-based service for accessing soil information. According to the NRCS Web Soil Survey (WSS) the site is found within Placer County and contains four separate soil types. These types are as follows: Andregg coarse sandy loam, 2 to 9 percent slopes (43 acres), Caperton-Andregg coarse sandy loams, 2 to 15 percent slopes (0.3 acres),



Xerorthents, cut and fill areas (less than 0.1 acres), and Xerorthents, placer areas (7.7 acres)(USDA, 2013). A copy of the soil report is included on the attached CD.

4.1.3 Regional and Local Groundwater

The site is located within the California Department of Water Resources (DWR) defined Sacramento River Hydraulic Region. Within the region, the site is located within the Sacramento Valley Basin (Basin #5-21). The site is not mapped within any of the sub-basins.

According to DWR Water Data Library, no wells monitored by DWR are mapped within five miles of the site.

WKA also searched the State Water Resources Control Board's (SWRCB) GeoTracker website for quarterly groundwater monitoring reports completed for facilities in the immediate vicinity of the site. One facility located approximately 1/3-mile north of the site has groundwater listed as approximately 10 feet below ground surface (bgs).

4.2 Historical Use Information

Historical information was reviewed to develop a history of the previous uses of the site and surrounding area, in order to evaluate the site and adjoining properties for evidence of RECs. Standard historical sources reviewed during the preparation of this report included the following, as available:

- Sanborn® Maps;
- Topographic Maps;
- Oil and Gas Well Maps;
- Aerial Photographs;
- Ownership Records;
- Building Department Records;
- Local Street Directories;
- Zoning and Land Use Records;
- Other Historical Sources; and,
- Prior Assessments.

Discussion of these historical sources is provided in the following sections.



4.2.1 Sanborn® Maps

Sanborn® Maps with coverage of the site were obtained through Environmental Data Resources, Inc. (EDR®). EDR® is a national commercial provider of environmental database information. Sanborn® Maps are detailed drawings of site development, and were typically used by fire insurance companies to determine site fire insurability. According to EDR®, Sanborn® Map coverage of the site is not available (EDR®, 2013a).

4.2.2 Topographic Maps

Historical USGS topographic maps with coverage of the site and outlying land areas were reviewed. Topographic maps with coverage of the site dated 1893, 1947, 1954, 1967, and 1981 (photo-revision) were available for review (EDR®, 2013b). Copies of the topographic maps compiled by EDR® with coverage of the site are included on the CD attached to the back cover of this report. Table 1 notes the changes in the vicinity of the site.

Table 1		
Year	Scale	Observations
1893	1:125,000	Site: No structures or improvements are mapped within the site. The area in and around the site is labeled Loomis. North: The Southern Pacific Railroad line is mapped trending generally southwest to northeast approximately ¼-mile north of the site. East/South: No significant features mapped. West: Three small structures and surface streets are mapped immediately west of the site.
1947	1:62,500	Three small structures are mapped within the western area of the site. There are significant additional small structures and surface streets located immediately west of the site.
1954	1:62,500	Three new small structures are mapped within the western area of the site. No other significant changes are mapped on the site or surrounding areas.
1954	1:24,000	An unimproved dirt road is mapped extending into the western area of the site less than ¼-mile. No other significant changes are mapped on the site or surrounding areas.
1967	1:24,000	There are no significant mapped changes to the site or surrounding areas.
1981	1:24,000	There are no significant mapped changes to the site or surrounding areas.



4.2.3 Oil and Gas Well Maps

We completed a review of the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) Online Mapping System. No wells are mapped within the site or five miles of the site boundary.

We reviewed the EDR[®] Radius Map report-Physical Settings and discovered a mapped oil/gas well located in the vicinity of the Property. No oil and gas wells were mapped within the vicinity of the site.

4.2.4 Aerial Photographs

Historical aerial photographs of the site and general vicinity were compiled by EDR[®]. Photographs covering the years 1957, 1969, 1973, 1984, 1987, 1998, 2005, 2006, 2009, 2010, and 2012 were available for review (EDR[®], 2013c). Table 2 notes the changes on the property and in the vicinity.

Table 2		
Year	Scale	Observations
1952	1" = 500'	Site: The eastern area of the site has thinned out but evenly spaced rows of trees visible generally consistent with an orchard. The central area of the site is covered with dense vegetation. Several small structures are visible within the western area of the site generally consistent with the residences currently located within the site North/South/East: Generally undeveloped with orchards to the north West: Generally developed consistent with the Town of Loomis.
1961	1" = 500'	With the exception of a divided highway consistent with Interstate 80 now being visible along a portion of the southern site boundary, no significant changes are noted for the site or the vicinity.
1966	1" = 500'	A few new small structures in the western area of the site. The orchard previously visible within the eastern area of the site is no longer visible.
1984	1" = 500'	A roadway consistent with Library Drive is now visible along the western portion of the southern site boundary. A large disturbed soil area is now visible along the approximate northern boundary of the site in an area now occupied by a residential subdivision.
1993	1" = 500'	Several of the structures previously noted on the site are no longer visible. A residential subdivision is now visible along the northern boundary of the site.
1998/1999	1" = 500'	With the exception of three large structures now being visible south of the site consistent with the existing retail center, no significant changes are noted for the site or the vicinity.



Table 2		
Year	Scale	Observations
2005	1" = 500'	No significant changes are noted for the site or the vicinity.
2006	1" = 500'	No significant changes are noted for the site or the vicinity.
2009	1" = 500'	No significant changes are noted for the site or the vicinity.
2010	1" = 500'	No significant changes are noted for the site or the vicinity.
2012	1" = 500'	No significant changes are noted for the site or the vicinity.

4.2.5 Ownership Records

According to a Preliminary Title Report for the site, ownership is vested to Taylor Road Property, Inc., a California Corporation.

4.2.6 Building Department Records

WKA staff interviewed Mr. Matt Lopez with the Town of Loomis. Mr. Lopez stated that there are only minor building permits for electrical, roofing, and re-models on file for the residences located along the western end of the site. Mr. Lopez stated that the western half of the site is zoned General Commercial (CG) and the eastern half of the site is zoned Single Family Residential (RS-5). Mr. Lopez went on to state that the current ownership has a pending development application on file with the Town of Loomis and that the application is on hold.

4.2.7 Local Street Directories

Local street directories (City Directory) with coverage of the site and adjoining properties were obtained from EDR[®] (EDR[®], 2013d). These known documents contain business listings based on street number identifiers. The site was not identified within the EDR[®] City Directory. One facility was listed at 6050 Library Drive. The facility listed is the Placer County Library. A copy of the EDR[®] City Directory (EDR[®], 2013d) is provided on the CD attached to the back cover of this report.

4.2.8 Zoning and Land Use Records

WKA staff interviewed Mr. Matt Lopez with the Town of Loomis. Mr. Lopez stated that there are only minor building permits for electrical, roofing, and re-models on file for the residences located along the western end of the site. Mr. Lopez stated that the western half of the site is



zoned General Commercial (CG) and the eastern half of the site is zoned Single Family Residential (RS-5). Mr. Lopez went on to state that the current ownership has a pending development application on file with the Town of Loomis and that the application is on hold.

4.2.9 Other Historical Sources

Review of additional historical sources was not warranted in order for the Environmental Professional to make a determination as to evidence of potential RECs on the site.

4.2.10 Prior Assessments

We reviewed the Wallace Kuhl & Associates, Environmental Site Assessment (WKA Project Number 7107.01, May 23, 2006). The report covered the APN 043-080-015 portion of the site and recommended additional assessment including sampling and laboratory analysis of near surface soil for potential persistent pesticide residuals relating to a pre-1959 orchard thought to have been located within the site.

We reviewed the Wallace Kuhl & Associates, Phase 2 Environmental Site Assessment Report (WKA Project Number 7107.02, July 3, 2007). The report covered the APN 043-080-015 portion of the site. Under this report, fifteen near surface soil samples were collected from approximate depths of six inches to eight inches below the ground surface as well as four background samples that were collected from an approximate depth of five feet below the ground surface. Each of these samples were analyzed for organochlorine pesticides, lead, and arsenic. The report stated that organochlorine pesticides were not present in concentrations exceeding their laboratory reporting limit. The greatest lead concentration was 36.5 mg/kg. Arsenic concentrations ranged from less than 1.0 mg/kg to a high of 7.9 mg/kg (mean of 2.0 mg/kg). The report went on to recommend no further investigation based on these results.

We reviewed the Wallace Kuhl & Associates, Phase II Assessment, Report of Findings (WKA Project Number 7107.03, January 14, 2009). The report covered the APN 043-080-015 portion of the site. Under this report, eleven new near surface soil samples were collected from an approximate depth of six inches below the ground surface and four additional background samples were collected from an approximate depth of five feet below the ground surface. The background samples were analyzed for arsenic only whereas the additional near surface soil samples were analyzed for metals included in the California Assessment Manual listed 17 metals (CAM 17). The report identified a range of arsenic for near surface soils as between 1.2 mg/kg to 17 mg/kg and background samples being between 1.7 mg/kg to 3.2 mg/kg. The report recommended no further evaluation.



We reviewed the Holdrege and Kull, Phase I Environmental Site Assessment (H&K Project Number 9574-01, January 27, 2009). The report covered the approximate boundaries of the current site being assessed. As part of the report, eight soil samples were collected from the upper six inches of soil within the eastern area of the site and submitted for laboratory analysis of lead and arsenic due to orchard activity within that portion of the site between approximately 1938 and 1950. Laboratory analysis revealed concentrations of arsenic ranging between 2.0 mg/kg to 12.1 mg/kg. Laboratory analysis revealed concentrations of lead ranging between 19.8 mg/kg to 44.9 mg/kg. The report stated that there were two mining claims on the site in 1880 but there is no evidence of mining within the site. The report went on to state that the level of lead and arsenic found within the site indicates that there was not a significant impact to the site from historic pesticide usage. The report states that Holdrege and Kull determined there were no Recognized Environmental Conditions found within the site.

We summarized the analytical results for arsenic discussed in three of the previously referenced reports into Table 3 that is attached to this report. We completed a statistical evaluation of the data provided and calculated that the 95% upper confidence limit of the mean level of arsenic within the 043-080-015 portion of the site is 4.7 mg/kg. This level of arsenic is typical of background levels found in soil within the region.

4.3 Environmental Record Sources

4.3.1 Regulatory Agency Databases

EDR[®] was contacted to provide a summary of facilities listed on regulatory agency databases (EDR[®], 2013d). Table 3 summarizes the researched ASTM required *Standard Environmental Record Sources*, as well as several *Additional Environmental Record Sources*, as defined in Sections 8.2.1 and 8.2.2 of the ASTM Standard. For additional reference, the Executive Summary of the EDR[®] report is included in Appendix C. A copy of the entire EDR[®] report is included on the CD attached to the back cover of this report.

Table 4			
	<i>EDR Listed Database</i>	<i>ASTM E 1527-05 Search Distance</i>	No. of Facilities Listed (within Search)
Federal			
Federal NPL Site List	<i>NPL</i>	1-mile	0
Federal Delisted NPL Site List	<i>Delisted NPL</i>	1/2-mile	0
Federal CERCLIS List	<i>CERCLIS</i>	1/2-mile	0
Federal CERCLIS NFRAP Site List	<i>CERCLIS NFRAP</i>	1/2-mile	0
Federal RCRA CORRACTS Facilities	<i>CORRACTS</i>	1-mile	0



Table 4			
	<i>EDR Listed Database</i>	<i>ASTM E 1527-05 Search Distance</i>	No. of Facilities Listed (within Search)
Federal RCRA Generators List:			
Small Quantity and Large Quantity Generators	<i>RCRA SQG</i>	site & adjoining	0
	<i>RCRA LQG</i>		0
Landfills and Solid Waste Management	<i>RCRA TSDF</i>	1/2-mile	0
Federal Institutional Control / Engineering Control Registries	<i>US ENG Controls</i>	site only	0
	<i>US INST Controls</i>		0
Federal ERNS List	<i>ERNS</i>	site only	0
State			
State-equivalent NPL (Hist. Cal-Sites)	<i>Hist. Cal-Sites</i>	1-mile	0
State-equivalent CERCLIS	<i>RESPONSE</i>	1/2-mile	0
State Landfill and/or Solid Waste Disposal Site	<i>SWF/LF (SWIS)</i>	1/2-mile	0
	<i>WMUDS/SWAT</i>		0
State Leaking Underground Storage	<i>LUST- Reg 5</i>	1/2-mile	4
Tribal Leaking Underground Storage	<i>Indian LUST</i>	1/2-mile	0
State Registered Underground Storage	<i>UST</i>	site & adjoining	5
Tribal Registered Underground Storage	<i>Indian UST</i>	site & adjoining	0
State Registered Aboveground Storage	<i>AST</i>	site & adjoining	0
State Institutional Control Registries	<i>DEED</i>	site only	0
State Voluntary Cleanup Sites	<i>VCP</i>	1/2-mile	0
Additional Environmental Record Sources			
Hazardous Waste & Substances Sites	<i>CORTESE</i>	1/2-mile	0
DTSC EnviroStor (includes Cal-Sites)	<i>EnviroStor</i>	1-mile	2
SLIC	<i>SLIC - Reg 5</i>	1/2-mile	3
Cleaner Facilities	<i>Drycleaners</i>	1/4-mile	2
HAZNET	<i>HAZNET</i>	1/4-mile	0
Local - County			
Placer County	<i>Facility Report</i>	1/2-mile	2

Review of the EDR[®] Radius Map report indicates the site is not listed on any of the EDR[®] databases. The EDR[®] Radius Map report mapped fifteen sites within one-mile of the site. The listed sites are either listed as requiring no further remedial action, having no violations, or would not be expected to impact the site. The Orphan Sites listed within the EDR[®] Radius Map report each appear to be located more than one-mile removed from the site.



4.3.2 Preliminary Screen for Vapor Encroachment Conditions

WKA conducted a preliminary screening for vapor encroachment conditions (VEC) beneath the site using the Tier 1 vapor encroachment screening evaluation¹. The Tier I screening included performing a *Search Distance Test* to identify if there are any known or suspect contaminated properties surrounding or upgradient of the site within specific search radii, and a *Chemicals of Concern (COC) Test* (for those known or suspect contaminated properties identified within the *Search Distance Test*) to evaluate whether or not COC are likely to be present. The Vapor Encroachment Screening Matrix is included in Appendix D.

Based on the completion of the VEC-screening matrix, a VEC can be ruled out because a VEC does not or is not likely to exist.

4.3.3 Environmental Lien Search

According to a August 6, 2013 Environmental Lien Search Report prepared by EDR, no environmental liens or activity or use limitations (AULs) were recorded for the site. A copy of the Environmental Lien Search Report is included on the CD attached to the back cover of this report.

¹ The Preliminary Screen for Vapor Encroachment Conditions was based on the guidelines presented in the *ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*.



5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Data Gaps

The time intervals between the Standard Historical Sources (i.e., topographic maps, aerial photographs, other historical sources) exceeded the ASTM minimum five-year period. However, the use of the site appears unchanged within the time gaps, and therefore, research of the site use during the time gaps is not required by the ASTM Standard (Refer to *Section 8.3.2.1 – Intervals* of the ASTM E 1527-05 standard).

It is the opinion of WKA that no significant data gaps were identified during the preparation of this report that affects the ability of the Environmental Professional to identify RECs on the site.

5.2 Conclusions

The historical land use research dating back to the late 1893 revealed that the site has remained mostly undeveloped and used for general agricultural and rural residential purposes. According to the Preliminary Title Report reviewed during the completion of this report, no environmental liens are associated with the site. A review of the government records databases included within this report found that no agency listed facilities are located within the immediate vicinity of the site. Based on the completion of the vapor encroachment condition (VEC) screening matrix, WKA concludes a VEC can be ruled out because a VEC does not or is not likely to exist.

The following presents a list of the Recognized Environmental Condition and other conditions requiring further work identified during the preparation of this report:

- One older transformer was observed along the northern site boundary. We recommend that once it is no longer in use, that it be collected for appropriate disposal. It may be necessary to collect a sample of the internal cooling oils for analysis prior to disposal.
- Two areas of debris were observed within the site. One small area in the central portion of the site and one area of concentrated debris around a small homeless encampment along the northern site boundary.
- A small barn with a burned interior was observed within the western area of the site. This barn and the burned debris associated with it will require demolition and disposal.
- The structures located within the site were constructed at a time when lead based paints and asbestos containing building materials may have been utilized during their construction or renovation.



We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 for The Villages at Loomis Property. Any exceptions to, or deletions from, this practice are described in Section 5.4 of this report.

5.3 Recommendations

Based on the conclusions presented and the documentation contained herein, WKA makes the following recommendations:

- We recommend that the transformers located within the site be collected for appropriate disposal. It may be necessary to collect a sample of the internal cooling oils for analysis prior to disposal.
- We recommend that this debris located within the site be collected for appropriate disposal. If suspected hazardous materials area encountered during the collection of this debris, we recommend that WKA be contacted so that additional evaluation may be completed.
- We recommend that the charred remnant contents of the small barn within the site be removed for appropriate disposal. If suspected hazardous materials area encountered during the collection of this debris, we recommend that WKA be contacted so that additional evaluation may be completed.
- We recommend that a pre-demolition lead and asbestos survey be completed by a Cal-OSHA certified contractor prior to any major renovation or demolition activities on the structures located within the site.

5.4 Exceptions and/or Deletions

No exceptions or deletions from the ASTM E 1527-05 standard were made during the performance of this ESA.

5.5 Additional Services

Non-scope considerations, such as assessment for naturally occurring asbestos (NOA), wetlands evaluation, indoor air quality, laboratory testing of the soils and groundwater beneath the site for environmental contaminants (such as agricultural-related pesticides, termiticides, polychlorinated biphenyls [PCBs], or arsenic and lead), and assessments for asbestos containing materials and lead-based paint were not included or requested as part of this ESA. Additionally, this ESA included conducting a Tier 1 vapor encroachment screening in accordance with the *ASTM E 2600-10 Vapor Encroachment Screening on Property Involved in Real Estate Transactions*.



6.0 LIMITATIONS

The statements and conclusions in this report are based upon the scope of work described above and on observations made only on the date of the field reconnaissance, August 5, 2013. Work was performed using a degree of skill consistent with that of competent environmental consulting firms performing similar work in the area. Information regarding the site that is *publicly available* and *practically reviewable*, as described in the ASTM standard, was obtained. Additional research or receipt of information regarding the site that was not disclosed or available to WKA during this assessment may result in revision of the conclusions. The conclusions in this report should be reevaluated if site conditions change. No recommendation is made as to the suitability of the site for any purpose. The results of this assessment do not preclude the possibility that materials currently or in the future defined as hazardous are present on the site, nor do the results of this work guarantee the potability of groundwater beneath the site. This report is applicable only to the investigated site and should not be used for any other property. No warranty is expressed or implied.

This report is viable for one year from the publication date of the report provided the following components are updated within 180 days of the date of purchase or (for transactions not involving an acquisition) the date of the intended transaction:

- Interviews with current owners/occupants and/or in order to identify changes in site conditions or uses since the publication date of this report
- Searches for recorded environmental cleanup liens
- Visual inspection of the site and of adjoining properties with emphasis on changes in conditions or uses since the publication date of this report
- A current review of federal, state, tribal and county databases
- The declaration by the environmental professional responsible for the assessment.

Environmental Site Assessments completed more than one year prior to the date of purchase must be reviewed and updated in order for the *Environmental Site Assessment* to be considered valid per Section 4.6 (*Continued Viability of Environmental Site Assessment*), and Sections 4.7 and 8.4 (*Prior Assessment Usage*) of the ASTM E 1527-05 Standard.



7.0 REFERENCES

ASTM International. 2005. American Society for Testing and Materials, ASTM Standard E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, Pennsylvania (November 2005).

ASTM International. 2010. American Society for Testing and Materials, ASTM Standard E 2600-10, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, Pennsylvania (June 2010).

Environmental Data Resources, Inc. (EDR®):

-2013a. *Certified Sanborn Map Report, The Village at Loomis, Inquiry Number 3680379.3*, Milford, Connecticut, (July 31, 2013).

-2013b. *The EDR Historical Topographic Map Report, The Village at Loomis, Inquiry Number 3680379.4*, Milford, Connecticut, (July 31, 2013).

-2013c. *The EDR Aerial Photo Decade Package Report, The Village at Loomis, Inquiry Number 3680379.5*, Milford, Connecticut, (August 5, 2013).

-2013d. *The EDR Radius Map Report with GeoCheck, The Village at Loomis, Inquiry Number 3680379.2s*, Milford, Connecticut, (July 31, 2013).

-2013e. *The EDR City Directory Search, The Village at Loomis, Inquiry Number 3680379.6*, Milford, Connecticut, (August 6, 2013).

-2013e. *The EDR Environmental Lien/AUL Search, The Village at Loomis, Inquiry Number 3680379.8*, Milford, Connecticut, (August 6, 2013).

Norris, R. M., Webb, R. W., 1990, *Geology of California* Second Edition, John Wiley and Sons, Inc. New York.

ParcelQuest, 2013, Detail Report, Retrieved [July 2013] from the World Wide Web:
<<http://www.parcelquest.com/>>.

State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR), *DOGGR On-line Mapping System (DOMS)*,
<http://maps.conservation.ca.gov/doms/index.html>> (July 2013).

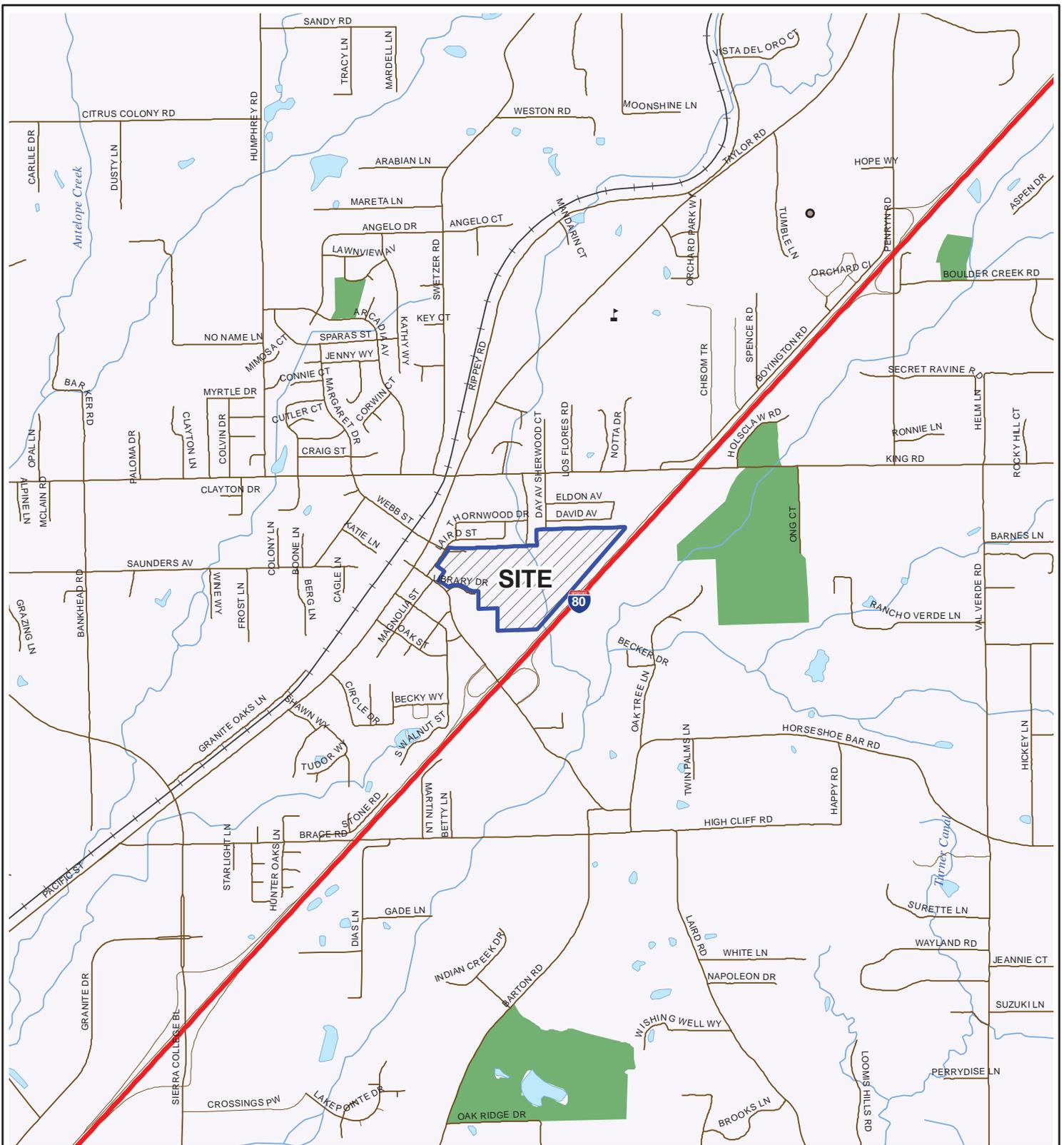
United States Department of Agriculture, Natural Resources Conservation Service, *Web Soil Survey*, <http://soils.usda.gov/technical/classification/osd/index.html> (July 2013).

Wagner, D.L., Jennings, C.W., Bedrossian, T.L., Bortugno, E.J., California Geologic Survey, *Geologic Map of the Sacramento Quadrangle, Regional Geologic Map Number 1A, 1:250,000, 1981.*

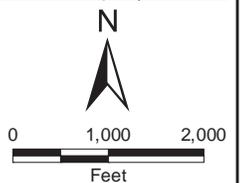


FIGURES



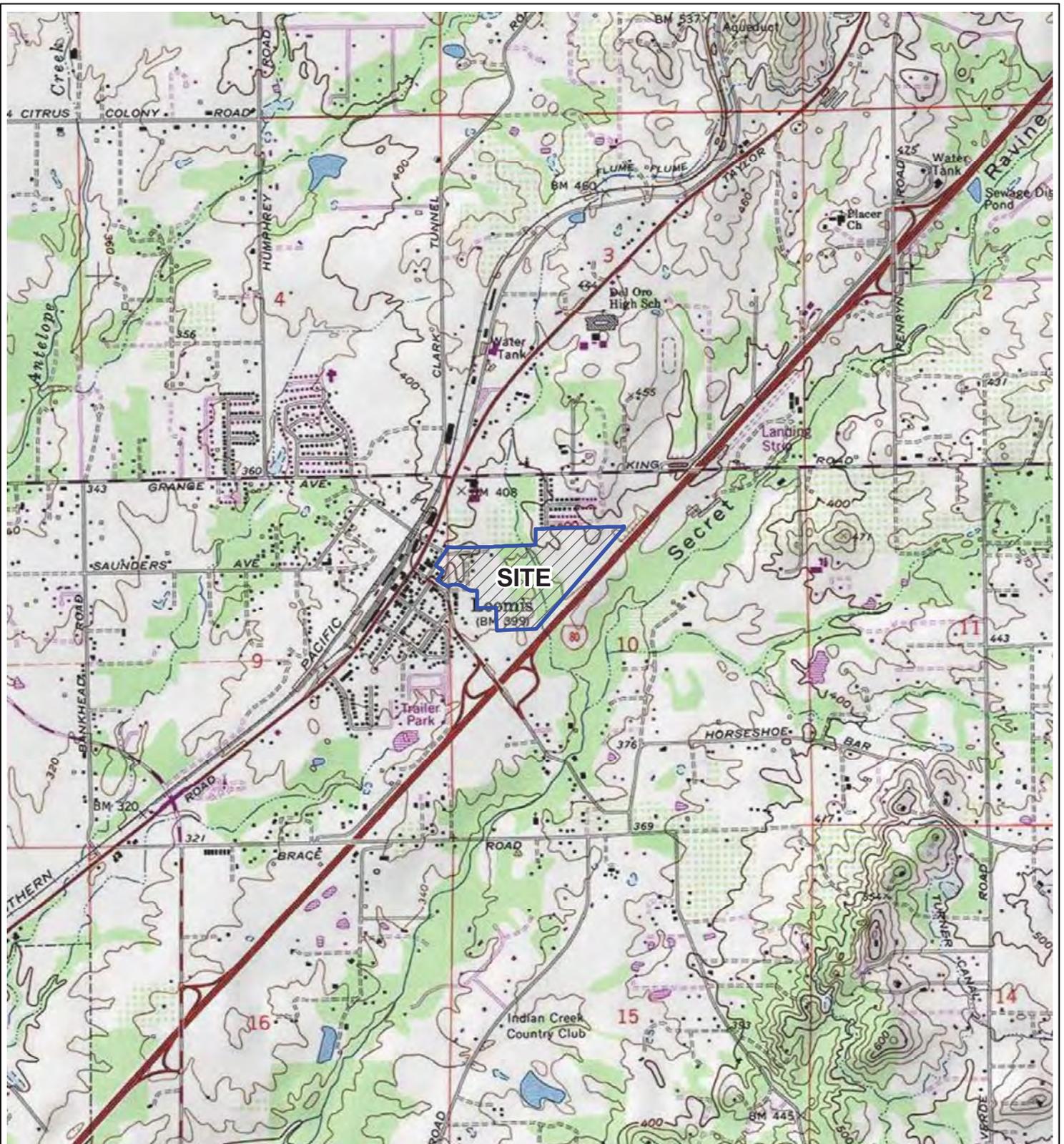


Street data courtesy of Placer County.
 Hydrography courtesy of the U.S. Geological Survey
 acquired from the GIS Data Depot, December, 2007.
 Projection: NAD 83, California State Plane, Zone II

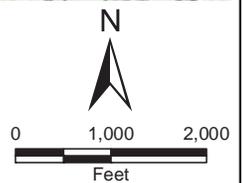


VICINITY MAP
THE VILLAGE AT LOOMIS
 Loomis, California

FIGURE 1	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	8/13
WKA NO. 9826.01	

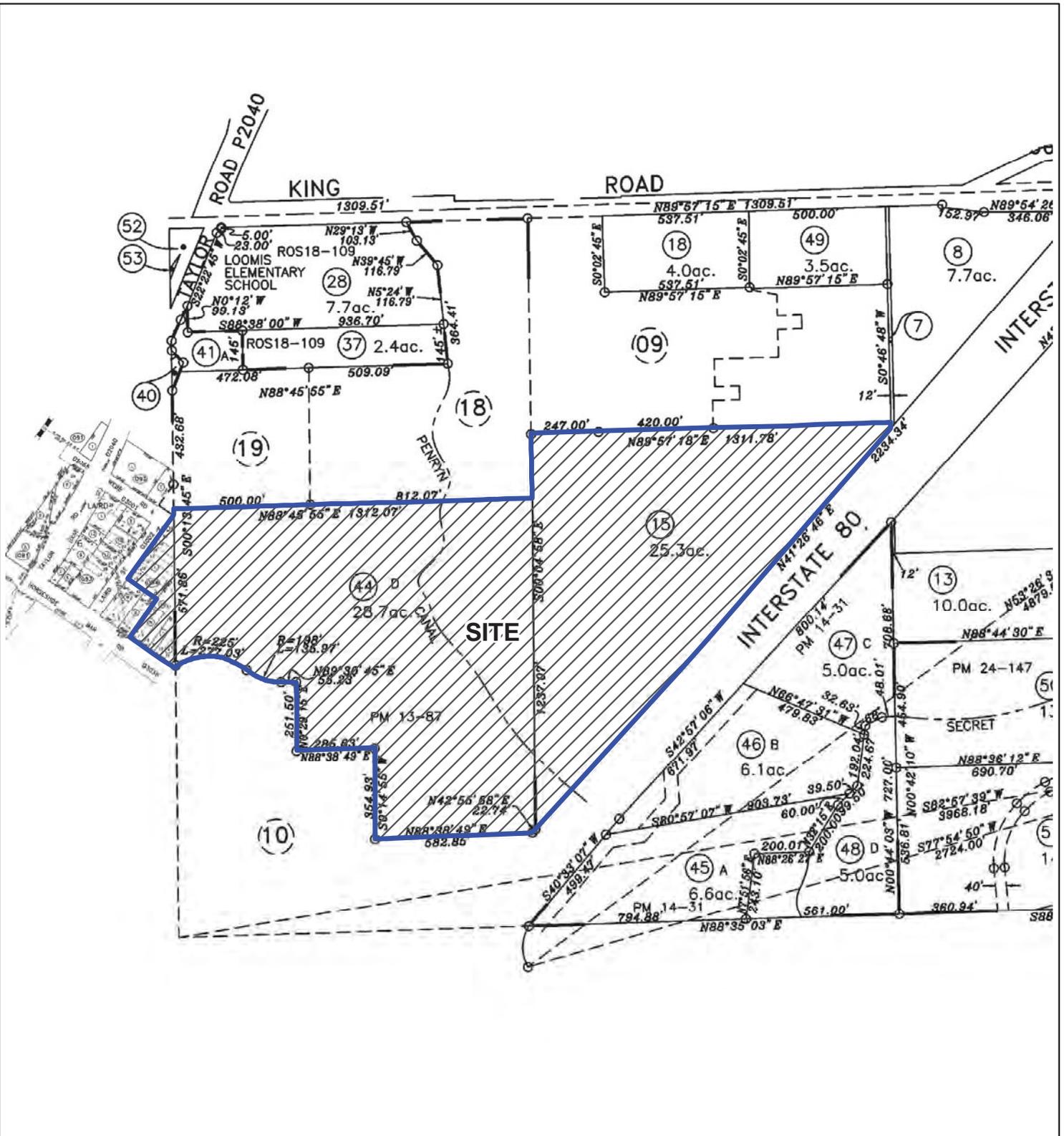


Adapted from U.S. Geological Survey 7.5 minute topographic map of the Rocklin quadrangle, California, 1981.
 Projection: NAD 83, California State Plane, Zone II

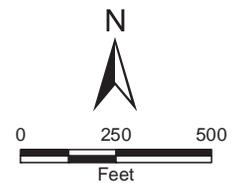


TOPOGRAPHIC MAP
THE VILLAGE AT LOOMIS
 Loomis, California

FIGURE 2	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	8/13
WKA NO. 9826.01	

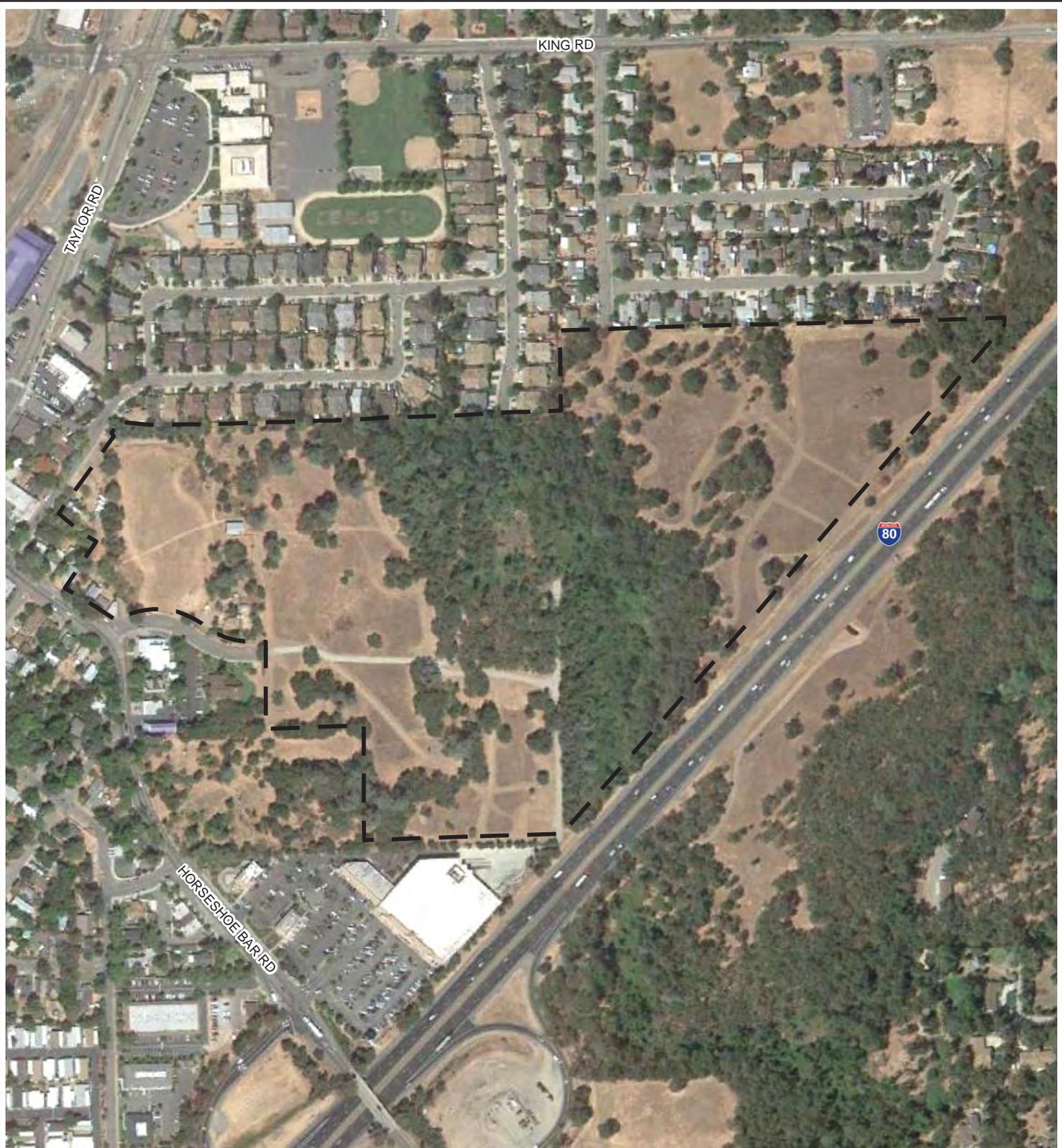


Adapted from the Placer County Assessor's
 Map Book 43, Page 08 and Book 44, Page 09.
 Projection: NAD 83, California State Plane, Zone II

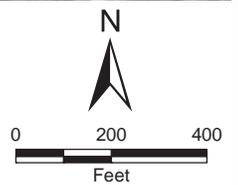


PARCEL MAP
THE VILLAGE AT LOOMIS
 Loomis, California

FIGURE 3	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	8/13
WKA NO. 9826.01	



Adapted from a Google Earth aerial photograph,
 dated August 24, 2012.
 Projection: NAD 83, California State Plane, Zone II



AERIAL SITE MAP
THE VILLAGE AT LOOMIS
 Loomis, California

FIGURE 4	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	8/13
WKA NO. 9826.01	



North facing view from southwest corner of site



East facing view from southwest corner of site



North facing view within western portion of site



Ponded water area in central area of site



SITE PHOTOGRAPHS
THE VILLAGE AT LOOMIS
 Loomis, California

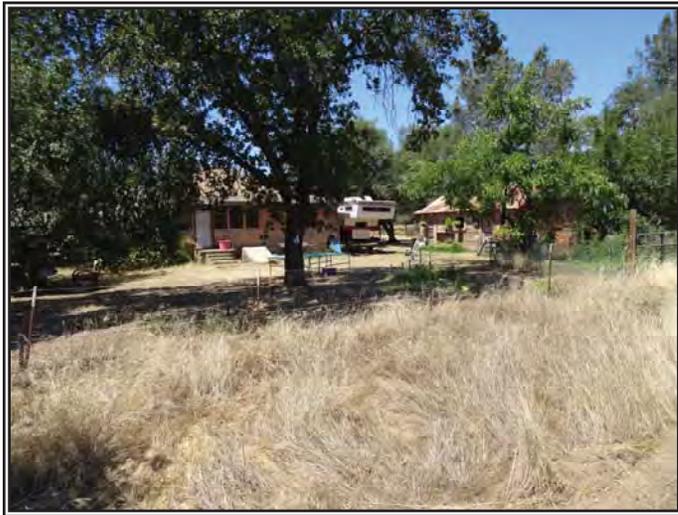
FIGURE 5a	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	8/13
WKA NO. 9826.01	



Debris located in central area of site



Boat located in central area of site



Residence located in southwest area of site



Exterior of burned out barn located in western area of site



SITE PHOTOGRAPHS
THE VILLAGE AT LOOMIS
 Loomis, California

FIGURE 5b	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	8/13
WKA NO. 9826.01	



Interior of burned out barn located within site



Residence located in northwest area of site



Pole mounted transformer located in northwest area of site



Residence located in northwest area of site



SITE PHOTOGRAPHS
THE VILLAGE AT LOOMIS
 Loomis, California

FIGURE 5c	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	8/13
WKA NO. 9826.01	



Debris located in homeless encampment located along northern site boundary



Pole mounted transformer located along north site boundary



South facing view through eastern area of site



East facing view through eastern area of site



SITE PHOTOGRAPHS
THE VILLAGE AT LOOMIS
 Loomis, California

FIGURE 5d	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	8/13
WKA NO. 9826.01	



Remnant orchard within eastern area of site



Northeast facing view along south site boundary



Southeast facing view through eastern area of site



SITE PHOTOGRAPHS
THE VILLAGE AT LOOMIS
 Loomis, California

FIGURE 5e	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	8/13
WKA NO. 9826.01	

APPENDIX A
RESUMES



BRYAN C. YATES

ENVIRONMENTAL SPECIALIST

Bryan C. Yates has managed projects dealing with multiple aspects of private and public development including master-planned communities, residential subdivisions, schools, churches, commercial properties, and light industrial facilities since 1998.

At Wallace Kuhl & Associates, Mr. Yates provides consulting services for multiple disciplines including:

- Stormwater Pollution Prevention Plans
- Municipal Stormwater Management Planning/Permitting
- Environmental Site Assessments
- Geotechnical Feasibility Studies
- Construction Management
- Land Development Consultation
- Land Development Constraints Analysis
- Political Consulting/Public Agency Interaction

SELECTED PROJECT EXPERIENCE

Castle Farms, Merced, CA: Mr. Yates prepared a Phase I Environmental Site Assessment, assisted in the geotechnical feasibility study, planned and coordinated a ground water assessment, which included an aquifer pumping test. His work also included quarterly surface water and air monitoring that continued for three years. Castle Farms consists of approximately 2,500 acres of agriculture production land formerly used for growing almond and wine grapes crops. The property is surrounded by a chicken ranch, a former military installation a Class III Disposal Landfill and a dairy farm.

Leona Quarry, Oakland, CA: Mr. Yates coordinated the efforts of multiple members of the development and construction team with local and regional agencies. He assisted in the preparation of the Stormwater Management Plan and SWPPP for this reclaimed quarry located in the Oakland Hills. Re-use planning revolved around approximately 400 condominium and single-family residential lots within the former quarry. Leona Quarry was an aggregate mine in Alameda County, California that was undergoing closure/re-use Studies.

North Spring Street Bridge Widening Project, Los Angeles, CA: Mr. Yates completed, an Initial Site Assessment in general conformance with Caltrans Standard Environmental Reference. The proposed project would widen the existing 50-foot-wide viaduct by approximately 20 feet on each side, resulting in a 90-foot-wide by 700-foot-long viaduct the California Department of Transportation and the City of Los Angeles had voiced concerns over the hazardous materials impacts by the proposed project during the NEPA/CEQA environmental documentation process.

Sacramento Stucco Property, West Sacramento, CA: Mr. Yates completed a Phase I Environmental Site Assessment for the three-acre property located northwest of the intersection of Riske Lane and South River Road and assisted in getting the Property through the enrollment process for the VCA program with the DTSC.. The property was occupied by the active Sacramento Stucco Company operation. Development plans for the property include a 30- to 50-story building occupied by commercial space, a parking structure, and approximately 300 condominiums. This Brownfield property currently lies within the redevelopment zone identified by the City of West Sacramento. The property was historically occupied by a lead acid battery recycling operation,

Transcan/Hillcrest Area Specific Plan, Antioch, CA, Mr. Yates completed a modified Environmental Site Assessment in support of the initial planning land acquisition activities for this proposed 375-acre transit oriented development. Mr. Yates also assisted the project proponent in completing an opportunities and constraints analysis for the project. The project is planned for a multi-faceted transit oriented development with a town center, 2,500 high density residential units, and no single family residences. Initial planning was complicated by a mix of historic agriculture and industrial uses that will be mitigated throughout the development process.

Folsom Boulevard Streetscape, Rancho Cordova, CA, Mr. Yates completed multiple Phase I Environmental Site Assessments in support of the efforts by the City of Rancho Cordova to upgrade and revitalize the five-mile Folsom Boulevard Corridor. These assessments were completed as part of the technical studies for project NEPA/CEQA documentation and compliance. The

BRYAN C. YATES

Folsom Boulevard corridor is the heart of the City of Rancho Cordova Redevelopment Zone. Special features within the corridor include 4 Sacramento Regional Transit Light Rail Stations, and 3 Park & Ride Lots. Two US EPA Superfund sites are located within one mile of the Project boundary.

Northeast Fairfield Specific Plan, Fairfield, CA, Mr. Yates completed a hazardous materials assessment study for this large master planned community. This project included the development of previously undeveloped land, the redevelopment of the Cement Hill industrial area, a transit village with Capitol Corridor service, a railroad grade separation, and redevelopment of former railroad facilities. The planned uses included more than 6,000 single family residences, an employment center, retail, warehouse, and commercial.

Livingston's Concrete Services, Multiple Locations, CA, Mr. Yates has provided stormwater consulting services for Livingston's Concrete Services facilities in Lincoln, Rancho Cordova, North Highlands, Marysville, and Ophir (proposed).

Sunset, Roseville, CA, The Sunset project consists of approximately 1,000 acres of cattle grazing land. Mr. Yates completed a Phase I Environmental Site Assessment for this project. He also facilitated domestic water services discussions between Placer County Water Agency, the City of Roseville, and the project proponent.

Church Street Subdivision, Half Moon Bay, CA, Mr. Yates completed several technical studies in support of the environmental planning and permitting of this residential infill project located within Half Moon Bay, California. Bryan completed a modified Phase I Environmental Site Assessment

HIGHER EDUCATION:

California State University, Sacramento
Bachelors of Science-2000

University of California, Davis
Certificate in Land Use & Environmental Planning-2008

that included soils sampling and analysis, preliminary drainage study. The environmental sampling was completed as a screening tool to assess the potential for pesticides residues to be present in near surface soil of the site. The preliminary drainage study was complicated by dense riparian vegetation along the banks of Pilarcitos Creek, floodplain issues, and the potential need to realign the stream channel to accommodate for the potential of an upstream earthen dam failure.

Solano County Fairgrounds Redevelopment, Vallejo, CA, Mr. Yates completed a modified Phase I Environmental Site Assessment in support of the initial planning phase of the proposed redevelopment of this 180 acre existing county fairgrounds site. Large areas of undocumented fill, underground fuel storage tanks, animal disposal pits, lead/asbestos, PCBs, and animal waste in shallow groundwater were all issues identified in the initial phases of the assessment.

Stockton Waterfront Project, Stockton, CA, Mr. Yates was Project Manager for the approximately 70-acre designated Brownfield project. This site was the location of the Colberg Boat Works that had historically been used to build and repair mine sweeping ships during World War II and more recently had been utilized for a variety of industrial activities. Bryan completed the Phase I Environmental Site Assessment for this complex waterfront project. The project will encompass 69 single-family, waterfront residences with internal streets, underground utilities, landscaping, and clubhouse.

PROFESSIONAL REGISTRATIONS:

American Institute of Certified Planners (AICP)
#188463

Registered Environmental Assessor, CA
#08011-Program Suspended

Caltrans Certified Erosion Control Specialist
2003

24 Hour Hazardous Waste Training Course, 2003
(Updated Annually)

Certified Environmental Manager, Nevada #1926

Certified Professional in Erosion and Sediment
Control (CPESC) #3824

Qualified SWPPP Developer & Practitioner
(QSD/QSP), California # 21052

LEED Green Associate, GBCI #10747592

DENNIS B. NAKAMOTO

SENIOR HYDROGEOLOGIST

Mr. Nakamoto has 33 years experience in the fields of environmental consulting, groundwater studies, site characterization, remediation construction oversight, and regulatory compliance. As Senior Hydrogeologist, Mr. Nakamoto manages projects and mentors professionals regarding studies of anthropogenic and naturally occurring constituents including: petroleum hydrocarbons, metals, chlorinated hydrocarbons, pesticides and herbicides, and asbestos in soil and groundwater. His projects include studies of soil, soil vapor, and groundwater contaminants with focus on human health risk assessment and identification of environmental risk assessment, groundwater resource and supply with focus on well design, well rehabilitation and aquifer characterization. Mr. Nakamoto is experienced in implementing remediation actions from excavation and disposal to insitu treatment. Mr. Nakamoto is experienced in the interpretation of downhole geophysical data from surveys including, electric logs, gamma and natural gamma logs, neutron logs, and acoustic logs. He is experienced in the groundwater well drilling methods and the application of well construction methods, including some applications from the petroleum industry. He has groundwater extraction well designs have successfully addressed issues such as excessive sand production, selective screen intervals to exclude undesirable groundwater quality and corrosive aquifer conditions.

SELECTED PROJECT EXPERIENCE

Risk Based Cleanup, Future Sacred Heart Elementary School, Sacramento, California: Mr. Nakamoto worked on behalf of Catholic Health Care West, Sacramento Diocese and the Sacred Heart Parish to establish appropriate soil remediation goals for lead, chlordane, and dieldrin in soil at the future Sacred Heart Elementary School site. He represented Sacred Heart Parish in negotiations with Catholic Health Care West to identify appropriate site characterization and mitigation efforts. He represented Sacred Heart Parish in meetings with the California Department of Toxic Substances Control to establish statistically derived risk-based values to determine site-specific cleanup levels for the chemicals present in soil. Mr. Nakamoto also represented the project during City of Sacramento Council meetings and Community Relations Building meetings. He provided technical oversight, on behalf of Sacred Heart Parish and Catholic Health Care West, of site remediation activities, including disposal of RCRA hazardous wastes.

Brownfield Development, Prospective Purchaser Agreement, Sacramento, California: Mr. Nakamoto served as the lead environmental consultant that successfully negotiated a 2006 Prospective Purchasers Agreement (PPA) between the Central Valley Regional Water Quality Control Board (CVRWQCB) and Signature Properties for a residential development proposed within the area of large-scale groundwater contamination. Negotiations with the PPA required focused consensus building and close coordination with CVRWQCB staff and counsel.

Preliminary Endangerment Assessment, Rancho Cordova, California: Mr. Nakamoto assisted a Land Developer in successfully securing

DTSC approval of a Preliminary Endangerment Assessment (PEA) on land proposed for residential development in Rancho Cordova, California. His detailed analyses of data demonstrated that variability of metal concentrations in selected soil samples were not representative of the actual metal concentrations in site soil. This demonstration allowed DTSC to concur that soil within the property did not pose a threat to the residential development.

Phase I ESA, Oroville, California: Mr. Nakamoto completed a Phase I ESA for Thermalito Union School District, Oroville, California that revealed the proposed school site historically supported agricultural and automotive repair facility activities. Based on initial ESA findings, DTSC approved Mr. Nakamoto's recommendation to include analyzing soil samples for pesticide residues and metals in surface soil as a part of the ESA. This resulted in the District saving considerable time and expense.

7th Street Extension, Sacramento, CA: Performed Environmental Oversight Authority monitoring for the \$25 million project connecting downtown Sacramento to the Richards Boulevard (North Sacramento are) by extending 7th Street across the former Sacramento Locomotive Works Yard, a former Superfund property. One element of this project was the below grade crossing at the Union Pacific Railroad track line. Excavation at this location revealed the presence of material suspected to be foundry slag. Laboratory analysis of carefully selected samples showed the material was not foundry slag. Other issues resolved during this project included handling and discharge of groundwater from dewatering activities and participation in the community relations team activities.

DENNIS B. NAKAMOTO

Federal Courthouse Building, Sacramento, CA: Served as EOA for this project, which was the first development of the former Sacramento Locomotive Works Yard Superfund Site. Closely coordinated with the City of Sacramento, DTSC, Union Pacific Railroad Company, and the Project managers, General Services Administration. During this project, several areas of concern were studied that included:

- ◆ Leaking Underground Storage Tanks
- ◆ Features deemed of Archeological interest
- ◆ Presence of Stoddard's solvent in soil
- ◆ Presence of oil containing total and soluble metal concentrations exceeding California thresholds for hazardous wastes

Fire Station Number 5 Replacement, City of Sacramento, CA: The initial project involved preparation and implementation of a work plan for characterizing an historic landfill previously identified as lying beneath a portion of the station property. Construction of the new Fire Station building required that a portion of the historic landfill be excavated. Soil sample analyses revealed total and soluble lead concentrations in soil at some locations exceeded hazardous thresholds established by either California or Federal standards.

Preliminary Endangerment Assessments – Various Locations (CA):

Adelane High School Parking Lot, Roseville: Former residential property where weathering of paint surfaces had resulted in the presence of lead containing paint chip in soil. Laboratory analysis of soil samples confirmed the vertical and lateral distribution of lead containing paint chips in soil. Excavation activities allowed for removal of the impacted soil for appropriate disposal.

Eureka School Assessment, Granite Bay – PEA performed to address the potential presence of

HIGHER EDUCATION:

University of California, Davis, California
B.S. Geology (1977)

pesticide residues in soil historically operated as an olive orchard. Close coordination with DTSC, regarding planning the sample collection plan, allowed for DTSC determination that the property posed no threat to the proposed use as a school facility.

Thermalito Union School District, Oroville – The initial Environmental Site Assessment (ESA) activities revealed the proposed school site was historically supported agricultural and automotive repair facility activities. Based on presenting initial ESA findings, DTSC approved expanding the ESA scope to include analyzing soil samples for pesticide residues and metals in surface soil. Completing the sampling and analysis activities concurrent with the ESA resulted in the District saving considerable time and expense.

Railroad Transportation Facilities, Various Locations (CA, NV): Conducted studies of soil and groundwater contamination at various railroad facilities operated by the Southern Pacific Transportation Company and the Union Pacific Railroad Company. These sites were located throughout California and Nevada. Studies regarding compliance with the Toxic Pits Cleanup Act (TPCA), as well as studies of railroad contamination, resulted in properties being designated Superfund properties. Contaminants at these properties included:

- ◆ Bunker Oil and its related carcinogenic compounds related to storage tank operations
- ◆ Metal contamination related to metal works and refinishing activities
- ◆ Soil pH and contaminated related to lead acid battery maintenance activities
- ◆ Chlorinated solvents related to industrial cleaning activities
- ◆ Asbestos related to locomotive rehabilitation activities

PROFESSIONAL REGISTRATIONS:

California
Professional Geologist No. 3863, California,
Certified Engineering Geologist No.1353
Certified Hydrogeologist No. 260

Oregon
Professional Geologist and an Engineering
Geologist No. E 1535

Wyoming
Professional Geologist No. PG 2157

APPENDIX B
ASTM E 1527-05 User Questionnaire
and Helpful Documents Checklist



**ASTM E 1527-05 USER QUESTIONNAIRE
THE VILLAGE AT LOOMIS PROPERTY**

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user*² must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

(1.) Have you performed a search for environmental cleanup liens and AULs, as described under *User Obligations* in the attached proposal, for the *property*?

Not personally

(2.) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

No

(3.) Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

No

(4.) As the *user* of the report, do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No. Only knowledge comes from previous reports.

(5.) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present on the *property*?

N/A

(6.) Are you aware of commonly known or reasonably ascertainable information about the *property* that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the *property*? If so, what were they?

043-080-044, grazing. 043-080-015 some historic orchard use, none known in last 20 yrs.

(b.) What, if any, specific chemicals are present or once were present at the *property*?

See previous reports.

² User, as defined in the ASTM Standard is "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outline in Section 6 [of the ASTM Standard]."



E 1527-05 USER QUESTIONNAIRE (cont.)
THE VILLAGE AT LOOMIS PROPERTY

Questions 6 continued:

(c.) What, if any, spills or other chemical releases have taken place at the *property*?

None known

(d.) What, if any, environmental cleanups have taken place at the *property*?

None known

(7.) As the *user* of this ESA, based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*?

No.

COMPLETION:

I have completed this User Questionnaire to the best of my knowledge and provided all information to the environmental professional as of the following date:

Completed by: Todd Lowell

Date: 7-31-13

Title: Owner

Signature: Todd Lowell

Phone Number: 916 660 1720

Relationship to the Site (i.e. owner, lender, property manager): _____



**HELPFUL DOCUMENTS
THE VILLAGE AT LOOMIS PROPERTY**

Are you aware of any of the below-listed reports, as they relate specifically to the property?

Yes ___ No (if yes, please check all that apply):

- Environmental Site Assessment reports (Phase I ESA, Asbestos sampling reports, etc.)
- Environmental Compliance Audit reports
- Geotechnical Reports
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
- Registrations for underground or above ground storage tanks
- Registrations for underground injection systems
- Material Safety Data Sheets
- Community Right-to-Know plan
- Safety Plan
- Reports regarding Hydrogeologic conditions on the property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- Hazardous waste generator notices, or reports
- Environmental Impact Reports (draft and/or final)
- Risk assessments
- Recorded AULs

If any of the above listed documents are available, will copies be provided to WKA for review?

Yes ___ No (Previously provided)

Completed by Todd Chambers - The True Life Companies

Date: 8/5/13

Title: VP of Development

Signature: Todd Chambers



APPENDIX C
EDR[®] Radius Map Report Executive Summary

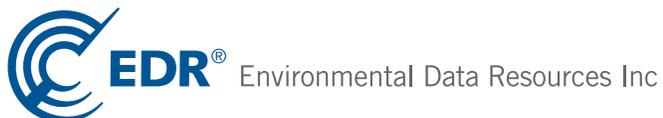


The Village At Loomis

Library Drive
Loomis, CA 95650

Inquiry Number: 3680379.2s
July 31, 2013

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	39
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-9
Physical Setting Source Map Findings	A-11
Physical Setting Source Records Searched	A-17

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

LIBRARY DRIVE
LOOMIS, CA 95650

COORDINATES

Latitude (North): 38.8208000 - 38° 49' 14.88"
Longitude (West): 121.1878000 - 121° 11' 16.08"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 657326.3
UTM Y (Meters): 4298243.5
Elevation: 383 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38121-G2 ROCKLIN, CA
Most Recent Revision: 1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Active UST Facilities

EXECUTIVE SUMMARY

AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
WMUDS/SWAT..... Waste Management Unit Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database
HIST UST..... Hazardous Substance Storage Container Database

Local Land Records

LIENS 2..... CERCLA Lien Information
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators

EXECUTIVE SUMMARY

DOT OPS.....	Incident and Accident Data
DOD.....	Department of Defense Sites
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
CA BOND EXP. PLAN.....	Bond Expenditure Plan
UIC.....	UIC Listing
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
Notify 65.....	Proposition 65 Records
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
HAZNET.....	Facility and Manifest Data
EML.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
HWT.....	Registered Hazardous Waste Transporter Database
HWP.....	EnviroStor Permitted Facilities Listing
Financial Assurance.....	Financial Assurance Information Listing
LEAD SMELTERS.....	Lead Smelter Sites
2020 COR ACTION.....	2020 Corrective Action Program List
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
PRP.....	Potentially Responsible Parties
WDS.....	Waste Discharge System
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

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.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/06/2013 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GROVE SUBDIVISION</i> Status: Inactive - Action Required	<i>3342 HUMPHREY ROAD</i>	<i>NW 1/2 - 1 (0.924 mi.)</i>	<i>14</i>	<i>32</i>
<i>H. CLARKE POWERS ELEMENTARY SC</i> Status: No Further Action	<i>3296 HUMPHREY ROAD</i>	<i>NW 1/2 - 1 (0.989 mi.)</i>	<i>15</i>	<i>35</i>

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 06/17/2013 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LOOMIS VETERAN'S MEMORIAL HALL</i> Status: Completed - Case Closed	<i>5945 HORSESHOE BAR RD</i>	<i>WSW 1/8 - 1/4 (0.209 mi.)</i>	<i>A1</i>	<i>8</i>

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARK'S AUTOMOTIVE EXXON Status: Completed - Case Closed	3590 TAYLOR RD	WNW 1/4 - 1/2 (0.284 mi.)	8	15
VFR/LOOMIS FAST GAS Status: Completed - Case Closed	3705 TAYLOR RD	W 1/4 - 1/2 (0.362 mi.)	C9	17
BEACON #3686 (FORMER) Status: Completed - Case Closed	3430 TAYLOR RD	NNW 1/4 - 1/2 (0.440 mi.)	13	20

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 06/17/2013 has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEMGREEN Facility Status: Open - Inactive	3717 TAYLOR ROAD	W 1/4 - 1/2 (0.378 mi.)	C10	19
MID-VALLEY ELECTRIC Facility Status: Open - Inactive	6030 KING ROAD	NW 1/4 - 1/2 (0.417 mi.)	D11	19
MID-VALLEY ELECTRIC	6030 KINGS RD	NW 1/4 - 1/2 (0.417 mi.)	D12	20

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/18/2013 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RALEYS 271	6119 HORSESHOE BAR RD	SSW 1/4 - 1/2 (0.254 mi.)	B7	12

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS MEMORIAL HALL	5945 HORSESHOE BAR RD	WSW 1/8 - 1/4 (0.209 mi.)	A2	9

EXECUTIVE SUMMARY

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LOOMIS VETERAN'S MEMORIAL HALL</i>	<i>5945 HORSESHOE BAR RD</i>	<i>WSW 1/8 - 1/4 (0.209 mi.)</i>	<i>A1</i>	<i>8</i>
<i>MARK'S AUTOMOTIVE EXXON</i>	<i>3590 TAYLOR RD</i>	<i>WNW 1/4 - 1/2 (0.284 mi.)</i>	<i>8</i>	<i>15</i>
<i>VFR/LOOMIS FAST GAS</i>	<i>3705 TAYLOR RD</i>	<i>W 1/4 - 1/2 (0.362 mi.)</i>	<i>C9</i>	<i>17</i>
<i>BEACON #3686 (FORMER)</i>	<i>3430 TAYLOR RD</i>	<i>NNW 1/4 - 1/2 (0.440 mi.)</i>	<i>13</i>	<i>20</i>

CA PLACER CO. MS: Placer County Master List of Facilities includes Aboveground Hazardous Material tanks, Underground Storage tanks, Site Clean-up sites.

A review of the CA PLACER CO. MS list, as provided by EDR, and dated 03/12/2013 has revealed that there are 2 CA PLACER CO. MS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LOOMIS VETERAN'S MEMORIAL HALL</i>	<i>5945 HORSESHOE BAR RD</i>	<i>WSW 1/8 - 1/4 (0.209 mi.)</i>	<i>A1</i>	<i>8</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LOOMIS PARK PLACE CLEANERS</i>	<i>6103 HORSESHOE BAR RD</i>	<i>SSW 1/8 - 1/4 (0.245 mi.)</i>	<i>B5</i>	<i>11</i>

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US Hist Auto Stat site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6060 HORSESHOE BAR RD	SW 1/8 - 1/4 (0.227 mi.)	3	10

EXECUTIVE SUMMARY

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 2 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

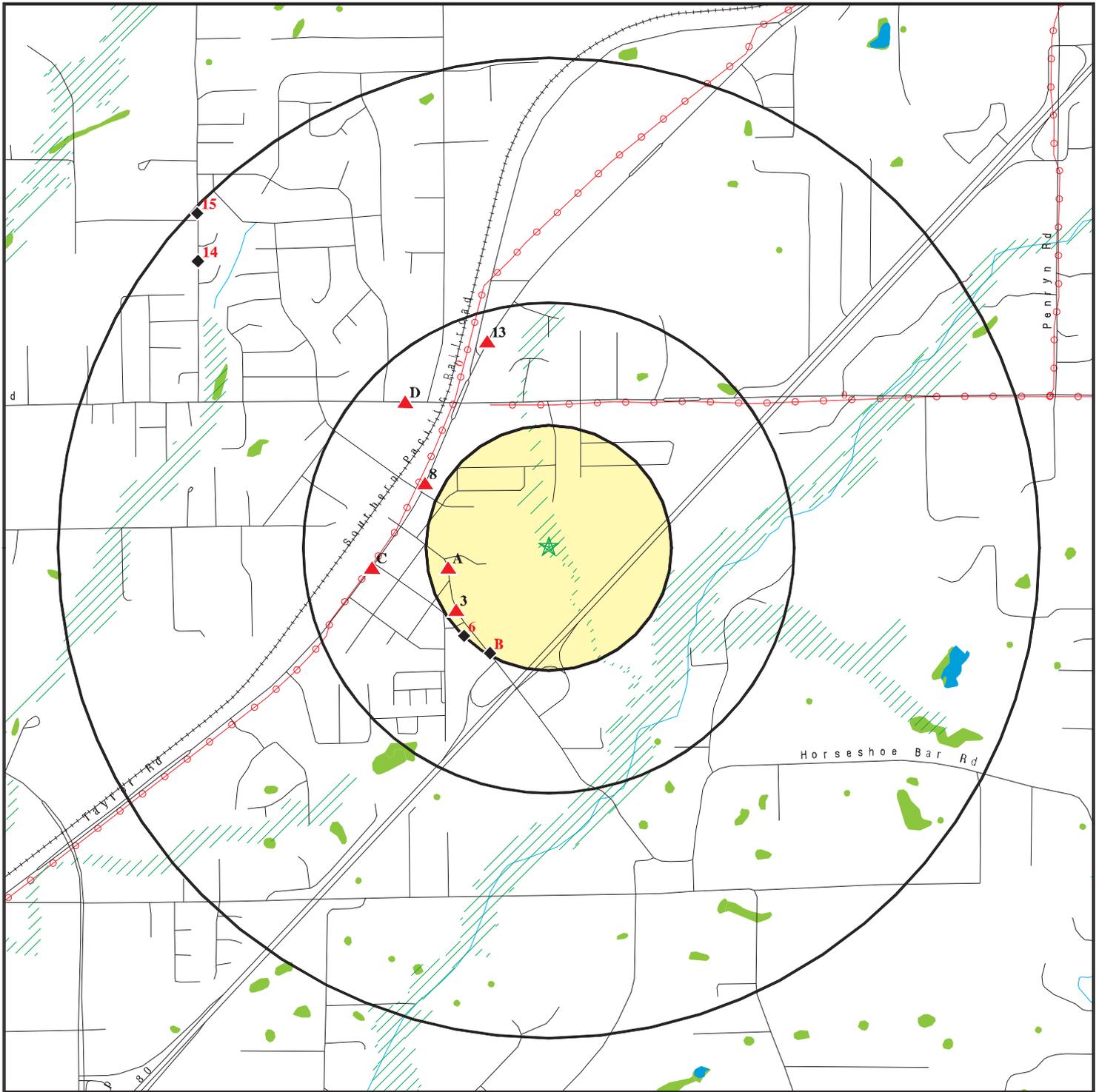
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6103 HORSESHOE BAR RD	SSW 1/8 - 1/4 (0.245 mi.)	B4	10
Not reported	6100 HORSESHOE BAR RD	SW 1/8 - 1/4 (0.249 mi.)	6	12

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 14 records.

<u>Site Name</u>	<u>Database(s)</u>
LOOMIS LF	ENF
HARRIS TRUCKING	HIST CORTESE, LUST
PLACER CNTY WASTE MGT LOOMIS L	NPDES
TOWN OF LOOMIS	NPDES
LOOMIS LANDFILL	LDS, WDS
	CA PLACER CO. MS, CHMIRS
HARRIS TRUCKING	LUST
LOOMIS RAILROAD	HAZNET
MCI WORLDCOM - LOOMIS	FINDS
LOOMIS SANITARY LANDFILL	FINDS
LOOMIS LANDFILL	WDS
LOOMIS, TOWN OF, CORP. YARD	CA PLACER CO. MS
MCI WORLDCOM - LOOMIS	EMI
PLACER COUNTY - LOOMIS LANDFIL	EMI

OVERVIEW MAP - 3680379.2s



★ 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

0 1/4 1/2 1 Miles

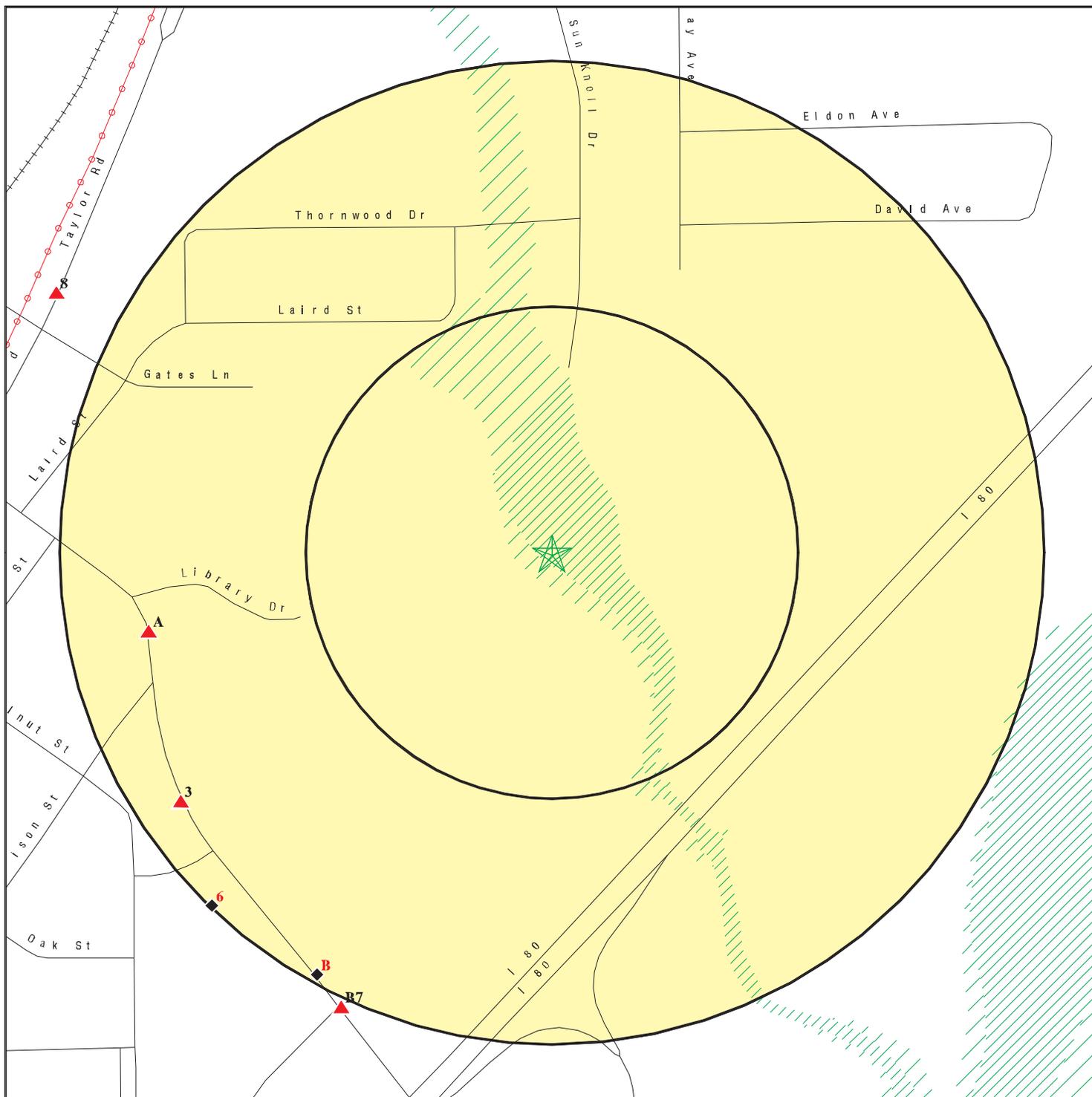


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: The Village At Loomis
 ADDRESS: Library Drive
 Loomis CA 95650
 LAT/LONG: 38.8208 / 121.1878

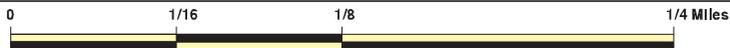
CLIENT: Wallace - Kuhl & Associates
 CONTACT: Bryan C. Yates
 INQUIRY #: 3680379.2s
 DATE: July 31, 2013 2:35 pm

DETAIL MAP - 3680379.2s



- ★ 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
- ⚡ Power transmission lines
- 🛢 Oil & Gas pipelines from USGS
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🔴 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: The Village At Loomis
 ADDRESS: Library Drive
 Loomis CA 95650
 LAT/LONG: 38.8208 / 121.1878

CLIENT: Wallace - Kuhl & Associates
 CONTACT: Bryan C. Yates
 INQUIRY #: 3680379.2s
 DATE: July 31, 2013 2:39 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								
<i>Federal NPL site list</i>								
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
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	0	2	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	1	3	NR	NR	4

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
SLIC	0.500		0	0	3	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
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	1	NR	NR	1
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		0	0	NR	NR	NR	0
SWEEPS UST	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	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
LDS	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
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	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
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	1	3	NR	NR	4
CUPA Listings	0.250		0	0	NR	NR	NR	0
CA PLACER CO. MS	0.250		0	2	NR	NR	NR	2
Notify 65	1.000		0	0	0	0	NR	0
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		NR	NR	NR	NR	NR	0
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
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	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
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	1	NR	NR	NR	1
EDR US Hist Cleaners	0.250		0	2	NR	NR	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

APPENDIX D

Preliminary Screen for Vapor Encroachment Conditions Matrix



Screen for Vapor Encroachment Conditions Matrix
The Village at Loomis
WKA No. 9826.01

Phase I ESA Screen for Vapor Encroachment Conditions (VEC) matrix includes a (1) **Search Radius Test**, (2) **Chemicals of Concern Test (COC)**, and (3) a **Critical Distance Test**^[1].

(1) Search Radius Test: Are there any known or suspect contaminated sites in the primary area of concern within the corresponding search radii? (if yes, see attached Table A).

Yes No

If No, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If Yes, then:

(2) Chemicals of Concern^[2] Test: Are COC likely to be present within the area of concern for those known or suspect contaminated sites identified based on the Search Distance Test?

Yes No

If No, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If Yes, then:

If Yes, check all COC that apply on attached Table B.

(3) Critical Distance Test: A plume test to determine whether or not COC in the contaminated plume(s) may be within the critical distance.

(3a) Is information related to the contaminated(s) plume available (i.e. isoconcentration maps, site drawings, etc.)?
Yes No

(3b) If **No**, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If **Yes**, then:

(3c) Is the site less than 100 feet to the nearest edge of a contaminated [non-petroleum hydrocarbon] plume(s)?
Yes No

(3d) Is the site less than 30 feet to the nearest edge of a dissolved petroleum hydrocarbon plume(s)?
Yes No

If the distance from the nearest edge of a contaminated plume to the nearest existing or planned structure on the site is less than 100 feet for non-petroleum hydrocarbon COC, or less than 30 feet for dissolved petroleum hydrocarbons, then it is presumed that a VEC *currently* exists beneath the site. If the distance from the nearest edge of the contaminated plume is greater than or equal to 100 feet for non-petroleum hydrocarbons, or 30 feet for dissolved petroleum hydrocarbon chemicals of concern, then it is presumed unlikely that a VEC *currently* exists beneath the site.

(4) Is it likely that a VEC *currently* exists beneath the site?

Yes No If Yes, then recommend performing a full scope VEC assessment according to ASTM E 2600-10.

[1] Based on guidance presented in the ASTM E 2600-10 Standard.

[2] Chemical(s) of concern (COC): See attached table for typical chemicals of concern (as presented in Appendix X6.1 of the ASTM E 2600-10 Standard).

Phase I Environmental Site Assessment

QUONG, LE, AND JOHNSON PROPERTY

13 Acres West of Interstate 80 between Horseshoe Bar

Road and King Road

Loomis, Placer County, California

WKA No. 9899.01

October 29, 2013

Prepared for:

Todd Chambers

The True Life Companies

12647 Alcosta Boulevard, Suite 470

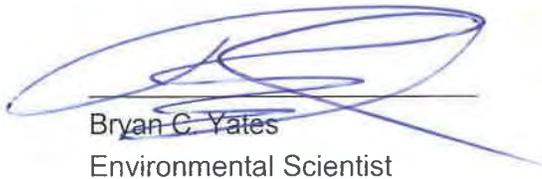
San Ramon, California 94583

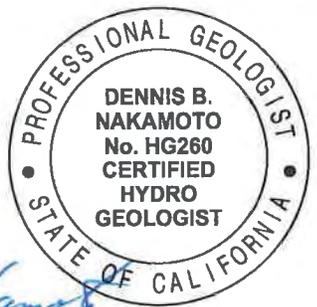
Phase I Environmental Site Assessment
QUONG, LE, AND JOHNSON PROPERTY

13 Acres West of Interstate 80 between Horseshoe Bar Road and King Road
Loomis, Placer County, California
WKA No. 9899.01
October 29, 2013

Wallace-Kuhl & Associates (WKA), on behalf of The True Life Companies, prepared this Phase I Environmental Site Assessment for the Quong, Le, and Johnson Property located west of Interstate 80 and between Horseshoe Bar Road and King Road, in Loomis, Placer County, California. We declare that, to the best of our professional knowledge and belief, the report reviewer meets the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and have the “specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.” Resumes of the key staff who prepared this report are included in Appendix A.

WALLACE•KUHLE & ASSOCIATES


Bryan C. Yates
Environmental Scientist



Dennis B. Nakamoto, PG, CEG, CHG
Senior Hydrogeologist

Phase I Environmental Site Assessment
QUONG, LE, AND JOHNSON PROPERTY
WKA No. 9899.01

TABLE OF CONTENTS

EXECUTIVE SUMMARY	i
1.0 INTRODUCTION	1
1.1 Purpose.....	1
1.2 Scope of Services	1
1.3 Special Terms and Conditions	2
1.4 User Provided Information	2
2.0 SITE DESCRIPTION	4
2.1 Site and Vicinity General Characteristics	4
2.2 Site Reconnaissance	4
2.2.1 Municipal Infrastructure and Utilities.....	5
2.3 Adjoining Properties.....	5
3.0 INTERVIEWS	6
3.1 Owner or Key Site Manager.....	6
3.2 Occupants (Multi-family or Major)	6
3.3 Past and Present Owners, Operators, and/or Occupants.....	6
3.4 State and/or Local Government Officials	6
3.5 Abandoned Properties	7
4.0 RECORDS REVIEW.....	8
4.1 Physical Setting Source(s).....	8
4.1.1 Regional and Local Geology.....	8
4.1.2 Soil Survey.....	8
4.1.3 Regional and Local Groundwater	9
4.2 Historical Use Information.....	9
4.2.1 Sanborn® Maps.....	10
4.2.2 Topographic Maps	10
4.2.3 Oil and Gas Well Maps	11
4.2.4 Aerial Photographs	11
4.2.5 Ownership Records	12
4.2.6 Building Department Records	12
4.2.7 Local Street Directories	12
4.2.8 Zoning and Land Use Records	13
4.2.9 Other Historical Sources.....	13
4.2.10 Prior Assessments.....	13
4.3 Environmental Record Sources	13
4.3.1 Regulatory Agency Databases	13
4.3.2 Preliminary Screen for Vapor Encroachment Conditions	15
4.3.3 Environmental Lien Search.....	15
5.0 CONCLUSIONS AND RECOMMENDATIONS.....	16
5.1 Data Gaps.....	16
5.2 Conclusions	16
5.3 Recommendations	17
5.4 Exceptions and/or Deletions	17
5.5 Additional Services	17
6.0 LIMITATIONS	19
7.0 REFERENCES	20



Phase I Environmental Site Assessment
QUONG, LE, AND JOHNSON PROPERTY
WKA No. 9899.01

TABLE OF CONTENTS

FIGURES

- 1 Vicinity Map
- 2 Topographic Map
- 3 Parcel Map
- 4 Aerial Site Map
- 5a Color Photographs
- 5b Color Photographs

APPENDICES

- A Resumes
- B ASTM E 1527-05 User Questionnaire and Helpful Documents Checklist
- C EDR[®] Radius Map Report Executive Summary
- D Preliminary Screen for Vapor Encroachment Conditions Matrix

CD contains: EDR[®] Reports: (Radius Map Report, Aerial Photographic Decade Package, Historical Topographic Maps, Sanborn Map Search), Preliminary Title Report, and Phase I ESA Quong, Le, and Johnson Property (WKA No. 9899.01 dated October 29, 2013).



Phase I Environmental Site Assessment
QUONG, LE, AND JOHNSON PROPERTY
WKA No. 9899.01

EXECUTIVE SUMMARY

The purpose of this Phase 1 Environmental Site Assessment (ESA) was to assess the Quong, Le, and Johnson Property (herein referred to as site) for evidence of Recognized Environmental Conditions (RECs) resulting from current and/or former site activities. The site is located west of Interstate 80 and between Horseshoe Bar Road and King Road in Loomis, Placer County, California (Figures 1, 2, 3, and 4). The 13-acre site is mostly undeveloped and comprised of the following Placer County Assessor's Parcel Numbers (APNs): 043-080-007-000, 043-080-008-000, 043-100-025-000, and 043-100-027-000 (Figure 3). The following presents a list of observations and findings identified during the preparation of this report:

- The historical land use research dating back to the late 1893 revealed that the site has remained generally undeveloped with agricultural and rural residential uses.
- According to the Preliminary Title Report, no environmental liens are associated with the site.
- No agency listed facilities are located within the immediate vicinity of the site. Based on the completion of the vapor encroachment condition (VEC) screening matrix, WKA concludes a VEC can be ruled out because a VEC does not or is not likely to exist.
- A homeless encampment was observed within the western area of the Le portion of the site. A wide variety of general household debris was observed surrounding the homeless encampment.
- We observed a pile of broken concrete discarded within the central area of the Quong portion of the site.
- In 1988, the City of Loomis Fire Department completed a training burn on the 043-100-025 portion of the site. No permits were applied for or granted by Placer County for the burn.
- An orchard was observed on the aerial photographs reviewed for this report beginning in 1952. On the 1966 aerial photograph, the orchard is no longer visible.

WKA has performed this ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 for Quong, Le, and Johnson Property.



Phase I Environmental Site Assessment
QUONG, LE, AND JOHNSON PROPERTY
WKA No. 9899.01

1.0 INTRODUCTION

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to evaluate the Quong, Le, and Johnson Property (herein referred to as site) for evidence of potential Recognized Environmental Conditions (RECs) resulting from current and/or former site activities as defined by the American Society of Testing and Materials (ASTM) Standard E 1527-05 (ASTM, 2005).

According to the ASTM, “this practice is intended to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner, or bona fide prospective purchaser* limitations on CERCLA [Comprehensive Environmental Response, Compensation and Liability Act] liability (hereinafter, the “*landowner liability protections*,” or “*LLPs*”): that is, the practice that constitutes “*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice” as defined at 42 U.S.C. §9601(35)(B).”

This ESA has been performed in general conformance with the ASTM Standard E 1527-05 and the scope and limitations defined in Wallace-Kuhl & Associates (WKA) proposal, 3PR13188R, dated September 30, 2013.

1.2 Scope of Services

WKA has completed this ESA for the site shown on Figures 1 through 4. Mr. Aidan Barry with The True Life Companies authorized WKA to proceed with this assessment on October 1, 2013 through a signed WKA Environmental Site Assessment Consulting Agreement.

The scope of this assessment included the following:

- Conduct a site reconnaissance for visual evidence of surface contamination and potential sources of subsurface contamination;
- Conduct a visual inspection of the adjoining properties for evidence of RECs
- Conduct interviews with the following, as available:
 - Key site manager,
 - Major occupants,



- Past and present owners, operators,
- Government and/or agency personnel, and,
- Inquiries conducted at abandoned sites may include interviews with owners or occupants of neighboring or nearby properties;
- Conduct a records review, which will include the following:
 - Physical setting documents to determine regional geology, general soil information, and local and regional groundwater conditions,
 - Historical information, including but not limited to, Sanborn maps, topographic maps, aerial photographs, ownership records, building department records, local street directories, zoning and land use records, and prior assessments, as available,
 - Environmental records, including federal, state, tribal, and county regulatory agency lists that will help identify RECs on the site and the adjoining properties, and,
 - Based on the outcome of the database search, review of specific regulatory agency files for identified contaminated facilities in order to evaluate whether the listed facilities are hazardous materials threats to the site;
- Conduct a preliminary screen for vapor encroachment conditions on the site per ASTM E2600-10;
- Review of the completed *ASTM E 1527-05 User Questionnaire (Questionnaire)* regarding Recorded Environmental Liens, activity and use limitations (AULs), relationship of the purchase price to the fair market value of the site, and any specialized knowledge of the site;
- Review of environmental liens and AULs reports, as provided; and
- Prepare a final report of the results of the ESA.

1.3 Special Terms and Conditions

No special terms or conditions to the WKA Professional Services Agreement or the WKA scope of services were requested or performed during the preparation of this report. The True Life Companies provided WKA with a title report that included a search for environmental liens and AULs.

1.4 User Provided Information

WKA provided The True Life Companies a copy of the User Questionnaire and the Helpful Documents checklist. The True Life Companies returned the documents after they were



completed. Mr. Todd Lowell (current owner) completed the Helpful Documents Checklist and the questionnaire. Discussion regarding their responses is provided in the following section. Copies of the completed questionnaires are included in Appendix B.

In summary, Mr. Lowell provided a previously completed environmental assessment on the Le portion of the site. Mr. Lowell listed no environmental impairments associated with the site.



2.0 SITE DESCRIPTION

2.1 Site and Vicinity General Characteristics

The site is located west of Interstate 80 and between Horseshoe Bar Road and King Road in Loomis, Placer County, California (Figures 1, 2, 3, and 4). The 13-acre site is mostly undeveloped and comprised of the following Placer County Assessor's Parcel Numbers (APNs): 043-080-007-000 043-080-008-000, 043-100-025-000, and 043-100-027-000 (Figure 3). Surrounding land use includes a retail/grocery shopping center, a residential subdivision, and Interstate 80.

2.2 Site Reconnaissance

A visual site reconnaissance was conducted by WKA on October 24, 2013. Figure 5 provides color photographs of the site taken during the site reconnaissance. On the day of field reconnaissance the site was vacant land. The site is generally covered by seasonal vegetation and trees.

We began our reconnaissance on the Quong portion of the site. We observed pole mounted power lines along the northern boundary of the Quong portion of the site. King Road was trending generally east to west along the northern boundary of the Quong portion of the site. We observed a pile of broken concrete located within the central area of the Quong portion of the site.

Moving to the Le and Johnson portion of the site, we observed general commercial and residential structures along the northern boundary of the Johnson portion of the site. Horseshoe Bar Road and pole mounted power lines were observed along the approximate western boundary of the Le and Johnson portion of the site. A retail strip mall is located immediately south of the Le portion of the site.

Moving to the Johnson portion of the site, we observed a clearing within the western area. Within the clearing, we observed a depression in the ground surface. This clearing and depression were in the general location of a structure formerly located on the Johnson portion of the site. Along the eastern area of the clearing, we observed a circular pit whose exposed walls were observed to be lined with metal. This pit appeared to have an earthen bottom. We estimate the diameter of the pit to be approximately 24 inches. The depth of the pit was also approximately 24 inches. The metal lining the walls of this pit were observed to be severely rusted and flaking. We observed a horizontal clay pipe entering the pit approximately 12 inches below the top of the eastern side of the pit wall. The pipe is open but terminates at the wall. We estimate the interior diameter of the clay pipe to be approximately 3 inches. This feature is



located southwest of the former location of a residential structure, which suggests the feature is likely a part of a residential sewage and leach field system.

Moving to the Le portion of the site, we observed a clearing in the trees on site. This clearing is in the approximate location of the former residential structure located on the Le portion of the site. A homeless encampment was observed within the western area of the Le portion of the site. A wide variety of general household debris was observed surrounding the homeless encampment.

2.2.1 Municipal Infrastructure and Utilities

Pole mounted power lines were observed along the approximate northern and western boundaries of the site.

2.3 Adjoining Properties

The Quong portion of the site is surrounded by the following generalized uses:

- North – King Road, vacant land, and a large lot residential subdivision
- East – Interstate 80 and vacant land
- South - Interstate 80
- West – A residential subdivision and a church

The Le and Johnson portions of the site are surrounded by the following generalized uses:

- North – Loomis Library, single family residences, and commercial buildings
- East – Vacant Land
- South – A grocery/retail center
- West – Horseshoe Bar Road and commercial sites



3.0 INTERVIEWS

Interviews with various persons familiar with the site vicinity, including representatives of public agencies, were conducted for the purpose of identifying past and present uses, which may have contributed to RECs on the site. Results of those interviews are discussed in the following sections.

3.1 Owner or Key Site Manager

Mr. Todd Lowell (current owner) completed a copy of the user questionnaire. Mr. Lowell listed no known environmental impairments associated with the site. Mr. Lowell did identify one residential structure as having been located on the 043-100-025 portion of the site prior to 1988.

We placed telephone calls to Mr. Nam Le, Mr. Paul Johnson, and Ms. Mary Ann Quong, the reported owners of the site regarding their knowledge and past history of the site. Mr. Nam Le stated that he purchased the 043-100-025 portion of the site in approximately 2003. Mr. Le stated that the site was vacant when he completed the purchase and he has made no improvements. Mr. Le stated that the only activity on site is the periodic mowing completed at the request of the Loomis Fire Department. Mr. Le went on to state that he is unaware of any buried materials on site such as debris or and underground fuel storage tank.

Ms. Quong and Mr. Johnson had not returned our calls at the time of completion of this report.

3.2 Occupants (Multi-family or Major)

There were no structures or occupants on the site at the time of completion of this report.

3.3 Past and Present Owners, Operators, and/or Occupants

No information regarding past owners was received by WKA during completion of this report.

3.4 State and/or Local Government Officials

WKA staff interviewed Mr. Matt Lopez with the town of Loomis. Mr. Lopez stated that there are no permits on file for the site. Mr. Lopez stated that the western half of the site is zoned General Commercial (CG) and the eastern half of the site is zoned Single Family Residential (RS-5).

WKA staff interviewed Ms. Pat Patton with the Placer County Department of Agriculture and Weights & Measures. Ms. Patton stated that the County retains pesticide documentation for the current year and two prior years.



3.5 Abandoned Properties

As referenced in 40 CFR Part 312, in the case of inquiries conducted at “abandoned properties,” as defined in §312.23(d), “where there is evidence of potential unauthorized uses of the site or evidence of uncontrolled access to the site, the environmental professional’s inquiry must include interviewing one or more (as necessary) owners or occupants of neighboring or nearby properties from which it appears possible to have observed uses of, or releases at, such abandoned properties...” No evidence of potential unauthorized uses, or evidence of uncontrolled access to the site was observed. The site is not considered an abandoned property and therefore, WKA did not interview owners or occupants of neighboring properties.



4.0 RECORDS REVIEW

The purpose of the records review is to obtain and review information concerning the current and historical use of the site and adjoining properties that would help identify the presence of RECs in connection with the site. The records review included review and discussion of the following, as available:

- Physical Setting Source(s);
- Historical Use Information; and,
- Environmental Record Sources.

4.1 Physical Setting Source(s)

The site is depicted on the 1981 (photo-revision from 1967) United States Geological Survey (USGS) 7.5 Minute topographic map of the Rocklin, California Quadrangle as undeveloped land. The site is located within Sections 9 and 10, Township 10 North, Range 7 East, Mount Diablo Base and Meridian, in Placer County, State of California. According to the topographic map, the site ranges in approximate elevation from approximately 425 feet relative to mean sea level (msl) in the north to approximately 375 feet msl in the south.

4.1.1 Regional and Local Geology

The site is located within the Sierra Nevada geomorphic province. The Sierra is a tilted fault block nearly 400 miles long. Its east face is a high, rugged multiple scarp, contrasting with the gentle western slope that disappears under sediments of the Great Valley.

The 1981 California Geologic Survey, Geologic Map of the Sacramento Quadrangle, Regional Geologic Map Number 1A, shows the site to be underlain by Mesozoic Dioritic Rocks labeled the Penryn Pluton.

4.1.2 Soil Survey

The United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) has created a web-based service for accessing soil information. According to the NRCS Web Soil Survey (WSS) the site is found within Placer County and contains three separate soil types. These types are as follows: Andregg coarse sandy loam, 2 to 9 percent slopes (68.6%), Caperton-Andregg coarse sandy loams, 2 to 15 percent slopes (26.9%), and



Xerorthents, cut and fill areas (4.5%) (USDA, 2013). A copy of the soil report is included on the attached CD.

4.1.3 Regional and Local Groundwater

The site is located within the California Department of Water Resources (DWR) defined Sacramento River Hydraulic Region. Within the region, the site is located within the Sacramento Valley Basin (Basin #5-21). The site is not mapped within any of the sub-basins.

According to DWR Water Data Library, no wells monitored by DWR are mapped within five miles of the site.

WKA also searched the State Water Resources Control Board's (SWRCB) GeoTracker website for quarterly groundwater monitoring reports completed for facilities in the immediate vicinity of the site. One facility located approximately 1/3-mile north of the site has groundwater listed as approximately 10 feet below ground surface (bgs).

4.2 Historical Use Information

Historical information was reviewed to develop a history of the previous uses of the site and surrounding area, in order to evaluate the site and adjoining properties for evidence of RECs. Standard historical sources reviewed during the preparation of this report included the following, as available:

- Sanborn® Maps;
- Topographic Maps;
- Oil and Gas Well Maps;
- Aerial Photographs;
- Ownership Records;
- Building Department Records;
- Local Street Directories;
- Zoning and Land Use Records;
- Other Historical Sources; and,
- Prior Assessments.

Discussion of these historical sources is provided in the following sections.



4.2.1 Sanborn® Maps

Sanborn® Maps with coverage of the site were obtained through Environmental Data Resources, Inc. (EDR®). EDR® is a national commercial provider of environmental database information. Sanborn® Maps are detailed drawings of site development, and were typically used by fire insurance companies to determine site fire insurability. According to EDR®, Sanborn® Map coverage of the site is not available (EDR®, 2013a).

4.2.2 Topographic Maps

Historical USGS topographic maps with coverage of the site and outlying land areas were reviewed. Topographic maps with coverage of the site dated 1893, 1947, 1954, 1967, and 1981 (photo-revision) were available for review (EDR®, 2013b). Copies of the topographic maps compiled by EDR® with coverage of the site are included on the CD attached to the back cover of this report. Table 1 notes the changes in the vicinity of the site.

Table 1		
Year	Scale	Observations
1893	1:125,000	Site: No structures or improvements are mapped within the site. The area in and around the site is labeled Loomis. North: The Southern Pacific Railroad line is mapped trending generally southwest to northeast approximately ¼-mile north of the site. East/South: No significant features mapped. West: Three small structures and surface streets are mapped immediately west of the site.
1947	1:62,500	A road is now mapped along the approximate northern boundary of the Quong portion of the site. This road is generally consistent with King Road. A road is also mapped along the approximate western boundaries of the Le and Johnson parcels. This road is generally consistent with Horseshoe Bar Road. One small structure is mapped within the boundaries of the Le and Johnson portion of the site. Which parcel contains the structure is difficult to gauge due to the scale of the map and the size of the structure.
1954	Various	There are two small structures mapped within the Le and Johnson portions of the site. The Quong portion of the site is now mapped as an orchard.
1967	1:24,000	The orchard is no longer mapped within the Quong portion of the site. Interstate 80 is mapped trending generally southwest to northeast along the southern/eastern boundary of the Quong portion of the site.
1981	1:24,000	There are no significant mapped changes to the site or surrounding areas.



4.2.3 Oil and Gas Well Maps

We completed a review of the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) Online Mapping System. No wells are mapped within the site or five miles of the site boundary.

We reviewed the EDR[®] Radius Map report-Physical Settings and discovered a mapped oil/gas well located in the vicinity of the Property. No oil and gas wells were mapped within the vicinity of the site.

4.2.4 Aerial Photographs

Historical aerial photographs of the site and general vicinity were compiled by EDR[®]. Photographs covering the years 1952, 1961, 1966,, 1984, 1987, 1998, 1999, 2005, 2006, 2009, 2010, and 2012 were available for review (EDR[®], 2013c). Table 2 notes the changes on the property and in the vicinity.

Table 2		
Year	Scale	Observations
1952	1" = 500'	The Quong portion of the site appears to be covered with evenly spaced rows of trees generally consistent with an orchard. Two small structures are visible surrounded by clusters of trees are visible within the Le and Johnson portions of the site. A roadway is visible along the approximate northern boundary of the Quong portion of the site generally consistent with the present day location of King Road. A roadway is visible along the approximate western boundary of the Le and Johnson portion of the site. The road is generally consistent in alignment with present day Horseshoe Bar Road. The surrounding sites are largely covered by evenly spaced rows of trees generally consistent with orchards. Several small structures are visible north of the Le and Johnson portion of the site as well as along the west side of Horseshoe Bar Road.
1961	1" = 500'	A divided highway consistent with Interstate 80 now being visible along the southern/eastern boundary of the Quong portion of the site. No large disturbed soil area is visible west of the Quong portion of the site generally consistent in location and size with and area presently occupied by a residential subdivision.
1966	1" = 500'	The orchard previously visible within the Quong portion of the site is no longer visible.



Table 2		
Year	Scale	Observations
1984	1" = 500'	One parcel remains within the Le and Johnson portion of the site. A large disturbed soil area is now visible along the approximate southern boundary of the Le and Johnson portion of the site in an area now occupied by a retail shopping center.
1993	1" = 500'	A completed residential subdivision is now visible along the western boundary of the Quong portion of the site.
1998/1999	1" = 500'	With the exception of three large structures now being visible south of the Le and Johnson portion of the site consistent with the existing retail center, no significant changes are noted for the site or the vicinity.
2005	1" = 500'	No significant changes are noted for the site or the vicinity.
2006	1" = 500'	No significant changes are noted for the site or the vicinity.
2009	1" = 500'	No significant changes are noted for the site or the vicinity.
2010	1" = 500'	With the exception of the structures now no longer being visible within the Le and Johnson portion of the site, no significant changes are noted for the site or the vicinity.
2012	1" = 500'	No significant changes are noted for the site or the vicinity.

4.2.5 Ownership Records

According to a Preliminary Title Reports for the site, ownership of the 043-080-007 and 043-080-008 portion of the site is vested to The Mary Ann Quong 2004 Revocable Trust. Title to the 043-100-025 portion of the site is said to be vested in the Nahiberuti Family Limited Partnership. Title to the 043-100-027 portion of the site is said to be vested in the Paul and Laura Johnson Family Revocable Trust dated May 11, 1998.

4.2.6 Building Department Records

WKA staff interviewed Mr. Matt Lopez with the town of Loomis. Mr. Lopez stated that there are no building permits on file for the site.

4.2.7 Local Street Directories

Local street directories (City Directory) with coverage of the site and adjoining properties were obtained from EDR[®] (EDR[®], 2013d). These known documents contain business listings based on street number identifiers. The site was not identified within the EDR[®] City Directory. One



facility was listed at 6050 Library Drive. The facility listed is the Placer County Library. A copy of the EDR[®] City Directory (EDR[®], 2013d) is provided on the CD attached to the back cover of this report.

4.2.8 Zoning and Land Use Records

WKA staff interviewed Mr. Matt Lopez with the town of Loomis. Mr. Lopez stated that the western half of the site is zoned General Commercial (CG) and the eastern half of the site is zoned Single Family Residential (RS-5).

4.2.9 Other Historical Sources

Review of additional historical sources was not warranted in order for the Environmental Professional to make a determination as to evidence of potential RECs on the site.

4.2.10 Prior Assessments

We reviewed the Secor International Incorporated, Phase I Environmental Site Assessment (Secor Project Number B0186-031-01, July 14, 1998). The report covered the APN 043-100-025 portion of the site (Le) and recommended no additional assessment. The report was completed for the United States Postal Service (USPS). USPS has subsequently declared the site as surplus. The report stated that the USPS purchased the site in 1987 and that the residential structure located on the site was demolished by a training fire conducted by the Loomis Fire Department in 1998. The report went on to state that the Loomis Fire Department had assessed the structure for toxics prior to the burn, however, there is no data specific to the potential presence of lead-containing paint or asbestos-containing building materials. No permit was established by the City of Loomis Fire Department for the burn.

4.3 Environmental Record Sources

4.3.1 Regulatory Agency Databases

EDR[®] was contacted to provide a summary of facilities listed on regulatory agency databases (EDR[®], 2013d). Table 3 summarizes the researched ASTM required *Standard Environmental Record Sources*, as well as several *Additional Environmental Record Sources*, as defined in Sections 8.2.1 and 8.2.2 of the ASTM Standard. For additional reference, the Executive Summary of the EDR[®] report is included in Appendix C. A copy of the entire EDR[®] report is included on the CD attached to the back cover of this report.



Table 4			
	<i>EDR Listed Database</i>	<i>ASTM E 1527-05 Search Distance</i>	No. of Facilities Listed (within Search
Federal			
Federal NPL Site List	<i>NPL</i>	1-mile	0
Federal Delisted NPL Site List	<i>Delisted NPL</i>	1/2-mile	0
Federal CERCLIS List	<i>CERCLIS</i>	1/2-mile	0
Federal CERCLIS NFRAP Site List	<i>CERCLIS NFRAP</i>	1/2-mile	0
Federal RCRA CORRACTS Facilities	<i>CORRACTS</i>	1-mile	0
Federal RCRA Generators List:			
Small Quantity and Large Quantity Generators	<i>RCRA SQG</i>	site & adjoining	0
	<i>RCRA LQG</i>		0
Landfills and Solid Waste Management	<i>RCRA TSDF</i>	1/2-mile	0
Federal Institutional Control / Engineering Control Registries	<i>US ENG Controls</i>	site only	0
	<i>US INST Controls</i>		0
Federal ERNS List	<i>ERNS</i>	site only	0
State			
State-equivalent NPL (Hist. Cal-Sites)	<i>Hist. Cal-Sites</i>	1-mile	0
State-equivalent CERCLIS	<i>RESPONSE</i>	1/2-mile	0
State Landfill and/or Solid Waste Disposal Site	<i>SWF/LF (SWIS)</i>	1/2-mile	1
	<i>WMUDS/SWAT</i>		1
State Leaking Underground Storage	<i>LUST- Reg 5</i>	1/2-mile	5
Tribal Leaking Underground Storage	<i>Indian LUST</i>	1/2-mile	0
State Registered Underground Storage	<i>UST</i>	site & adjoining	0
Tribal Registered Underground Storage	<i>Indian UST</i>	site & adjoining	0
State Registered Aboveground Storage	<i>AST</i>	site & adjoining	0
State Institutional Control Registries	<i>DEED</i>	site only	0
State Voluntary Cleanup Sites	<i>VCP</i>	1/2-mile	0
Additional Environmental Record Sources			
Hazardous Waste & Substances Sites	<i>CORTESE</i>	1/2-mile	0
DTSC EnviroStor (includes Cal-Sites)	<i>EnviroStor</i>	1-mile	2
SLIC	<i>SLIC - Reg 5</i>	1/2-mile	3
Cleaner Facilities	<i>Drycleaners</i>	1/4-mile	2
HAZNET	<i>HAZNET</i>	1/4-mile	0
Local - County			
Placer County	<i>Facility Report</i>	1/2-mile	2

Review of the EDR[®] Radius Map report indicates the site is not listed on any of the EDR[®] databases. The EDR[®] Radius Map report mapped fifteen sites within one-mile of the site. The listed sites are either listed as requiring no further remedial action, having no violations, or



would not be expected to impact the site. The Orphan Sites listed within the EDR[®] Radius Map report each appear to be located more than one-mile removed from the site.

4.3.2 Preliminary Screen for Vapor Encroachment Conditions

WKA conducted a preliminary screening for vapor encroachment conditions (VEC) beneath the site using the Tier 1 vapor encroachment screening evaluation¹. The Tier I screening included performing a *Search Distance Test* to identify if there are any known or suspect contaminated properties surrounding or upgradient of the site within specific search radii, and a *Chemicals of Concern (COC) Test* (for those known or suspect contaminated properties identified within the *Search Distance Test*) to evaluate whether or not COC are likely to be present. The Vapor Encroachment Screening Matrix is included in Appendix D.

Based on the completion of the VEC-screening matrix, a VEC can be ruled out because a VEC does not or is not likely to exist.

4.3.3 Environmental Lien Search

We completed a review of the Preliminary Title Reports dated September 30, 2013 and October 10, 2013 for the site. No environmental liens or deed restrictions were listed within the report.

¹ The Preliminary Screen for Vapor Encroachment Conditions was based on the guidelines presented in the ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.



5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Data Gaps

The following data gaps were noted during the completion of this report:

- The time intervals between the Standard Historical Sources (i.e., topographic maps, aerial photographs, other historical sources) exceeded the ASTM minimum five-year period;
- Two of the current owners of the site did not return our calls as of the time of completion of this report.

The use of the site appears unchanged within the time gaps, and therefore, research of the site use during the time gaps is not required by the ASTM Standard (Refer to *Section 8.3.2.1 – Intervals* of the ASTM E 1527-05 standard).

It is the opinion of WKA that no significant data gaps were identified during the preparation of this report that affects the ability of the Environmental Professional to identify RECs on the site.

5.2 Conclusions

The historical land use research dating back to the late 1893 revealed that the site has remained mostly undeveloped and used for general agricultural and rural residential purposes. According to the Preliminary Title Reports reviewed during the completion of this report, no environmental liens are associated with the site. A review of the government records databases included within this report found that no agency listed facilities are located within the immediate vicinity of the site. Based on the completion of the vapor encroachment condition (VEC) screening matrix, WKA concludes a VEC can be ruled out because a VEC does not or is not likely to exist.

The following presents a list of the Recognized Environmental Condition and other conditions requiring further work identified during the preparation of this report:

- A homeless encampment was observed within the western area of the Le portion of the site. A wide variety of general household debris was observed surrounding the homeless encampment and those debris require categorizing to verify the absence of chemicals in concentrations posing a threat the future site uses.
- In 1988, the City of Loomis Fire Department completed a training burn on the 043-100-025 portion of the site. No permits were applied for or granted by Placer County for the burn.



- An orchard was observed on the aerial photographs reviewed for this report beginning in 1952. On the 1966 aerial photograph, the orchard is no longer visible.

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 for the Quong, Le, and Johnson Property. Any exceptions to, or deletions from, this practice are described in Section 5.4 of this report.

5.3 Recommendations

Based on the conclusions presented and the documentation contained herein, WKA makes the following recommendations:

- A wide variety of general household debris was observed surrounding the homeless encampment on the Le portion of the site. We observed a pile of broken concrete discarded within the central area of the Quong portion of the site. We recommend that this debris be collected for appropriate disposal. WKA should be requested to review any condition exposed after the debris are removed that may be evidence of the presence of chemicals.
- An orchard was observed on the aerial photographs reviewed for this report beginning in 1952. On the 1966 aerial photograph, the orchard is no longer visible. We recommend that soil samples be collected within the former orchard footprint and analyzed for persistent pesticides that may have been utilized within orchards in order to verify that site conditions are consistent with the proposed future land use.
- In 1988, the City of Loomis Fire Department completed a training burn on the 043-100-025 portion of the site. No permits were applied for or granted by Placer County for the burn. We recommend that surface soil sampling and analysis be completed to assess the presence of lead, asbestos, and termiticides that may have been introduced to shallow soil if these materials were not properly handled prior to the burning of the building.

5.4 Exceptions and/or Deletions

No exceptions or deletions from the ASTM E 1527-05 standard were made during the performance of this ESA.

5.5 Additional Services

Non-scope considerations, such as assessment for naturally occurring asbestos (NOA), wetlands evaluation, indoor air quality, laboratory testing of the soils and groundwater beneath



the site for environmental contaminants (such as agricultural-related pesticides, termiticides, polychlorinated biphenyls [PCBs], or arsenic and lead), and assessments for asbestos containing materials and lead-based paint were not included or requested as part of this ESA. Additionally, this ESA included conducting a Tier 1 vapor encroachment screening in accordance with the *ASTM E 2600-10 Vapor Encroachment Screening on Property Involved in Real Estate Transactions*.



6.0 LIMITATIONS

The statements and conclusions in this report are based upon the scope of work described above and on observations made only on the date of the field reconnaissance, October 24, 2013. Work was performed using a degree of skill consistent with that of competent environmental consulting firms performing similar work in the area. Information regarding the site that is *publicly available* and *practically reviewable*, as described in the ASTM standard, was obtained. Additional research or receipt of information regarding the site that was not disclosed or available to WKA during this assessment may result in revision of the conclusions. The conclusions in this report should be reevaluated if site conditions change. No recommendation is made as to the suitability of the site for any purpose. The results of this assessment do not preclude the possibility that materials currently or in the future defined as hazardous are present on the site, nor do the results of this work guarantee the potability of groundwater beneath the site. This report is applicable only to the investigated site and should not be used for any other property. No warranty is expressed or implied.

This report is viable for one year from the publication date of the report provided the following components are updated within 180 days of the date of purchase or (for transactions not involving an acquisition) the date of the intended transaction:

- Interviews with current owners/occupants and/or in order to identify changes in site conditions or uses since the publication date of this report
- Searches for recorded environmental cleanup liens
- Visual inspection of the site and of adjoining properties with emphasis on changes in conditions or uses since the publication date of this report
- A current review of federal, state, tribal and county databases
- The declaration by the environmental professional responsible for the assessment.

Environmental Site Assessments completed more than one year prior to the date of purchase must be reviewed and updated in order for the *Environmental Site Assessment* to be considered valid per Section 4.6 (*Continued Viability of Environmental Site Assessment*), and Sections 4.7 and 8.4 (*Prior Assessment Usage*) of the ASTM E 1527-05 Standard.



7.0 REFERENCES

ASTM International. 2005. American Society for Testing and Materials, ASTM Standard E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, Pennsylvania (November 2005).

ASTM International. 2010. American Society for Testing and Materials, ASTM Standard E 2600-10, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, Pennsylvania (June 2010).

Environmental Data Resources, Inc. (EDR®):

-2013a. *Certified Sanborn Map Report, Inquiry Numbers 3680379.3/3746788.3*, Milford, Connecticut, (July 31, 2013/October 2, 2013).

-2013b. *The EDR Historical Topographic Map Report, Inquiry Numbers 3680379.4/3746788.4*, Milford, Connecticut, (July 31, 2013/October 2, 2013).

-2013c. *The EDR Aerial Photo Decade Package Report, Inquiry Numbers 3680379.5/3746788.5*, Milford, Connecticut, (August 5, 2013/October 7, 2013).

-2013d. *The EDR Radius Map Report with GeoCheck, Inquiry Numbers 3746788.2s/3746781.1s*, Milford, Connecticut, (both dated October 2, 2013).

-2013e. *The EDR City Directory Search, Inquiry Numbers 3680379.6/3746788.6*, Milford, Connecticut, (August 6, 2013/October 7, 2013).

Norris, R. M., Webb, R. W., 1990, *Geology of California* Second Edition, John Wiley and Sons, Inc. New York.

ParcelQuest, 2013, Detail Report, Retrieved [July 2013] from the World Wide Web:
<<http://www.parcelquest.com/>>.

State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR), *DOGGR On-line Mapping System (DOMS)*,
<http://maps.conservation.ca.gov/doms/index.html>> (July 2013).

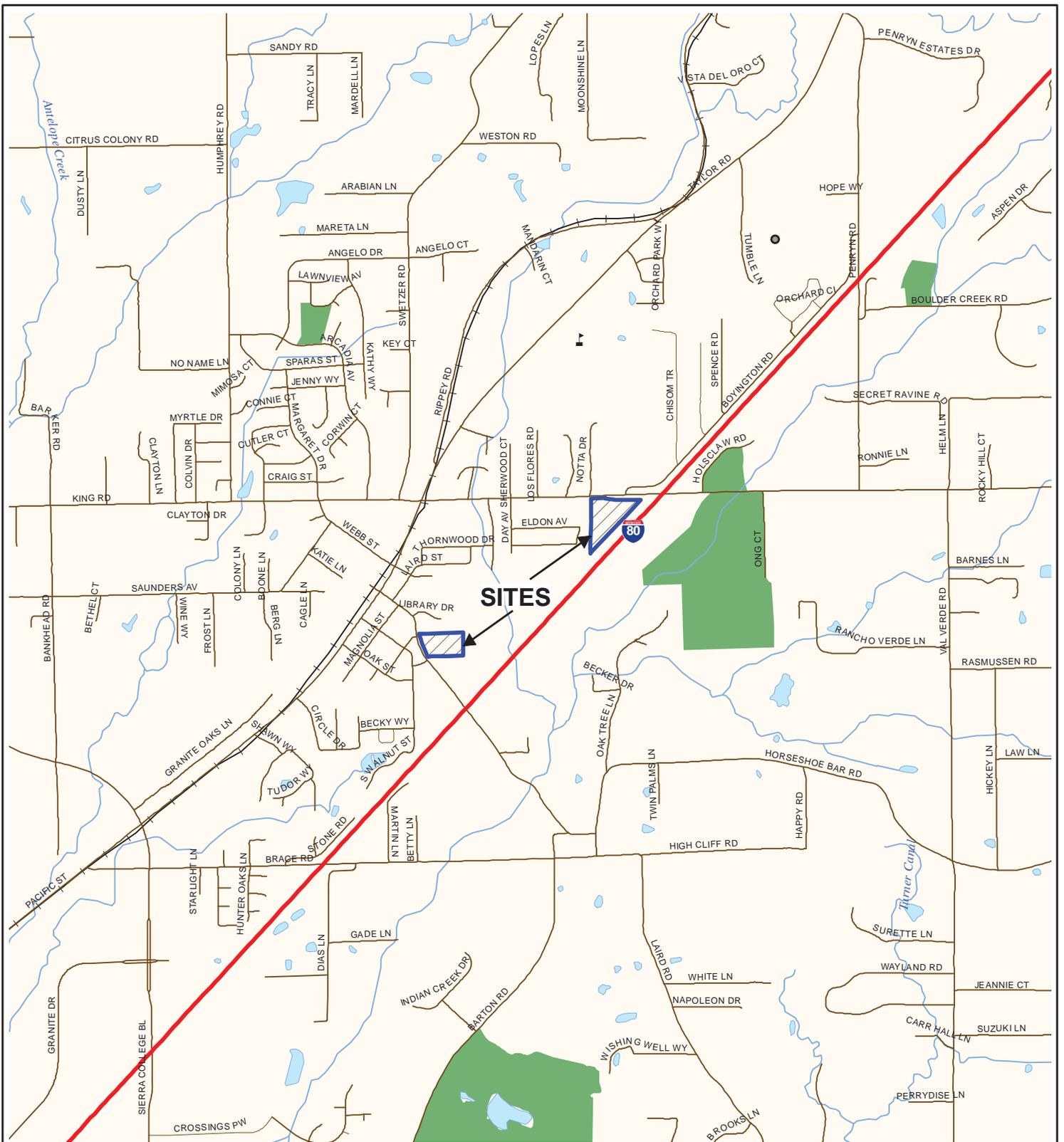
United States Department of Agriculture, Natural Resources Conservation Service, *Web Soil Survey*, <http://soils.usda.gov/technical/classification/osd/index.html> (July 2013).

Wagner, D.L., Jennings, C.W., Bedrossian, T.L., Bortugno, E.J., California Geologic Survey, *Geologic Map of the Sacramento Quadrangle, Regional Geologic Map Number 1A*, 1:250,000, 1981.

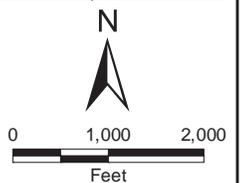


FIGURES



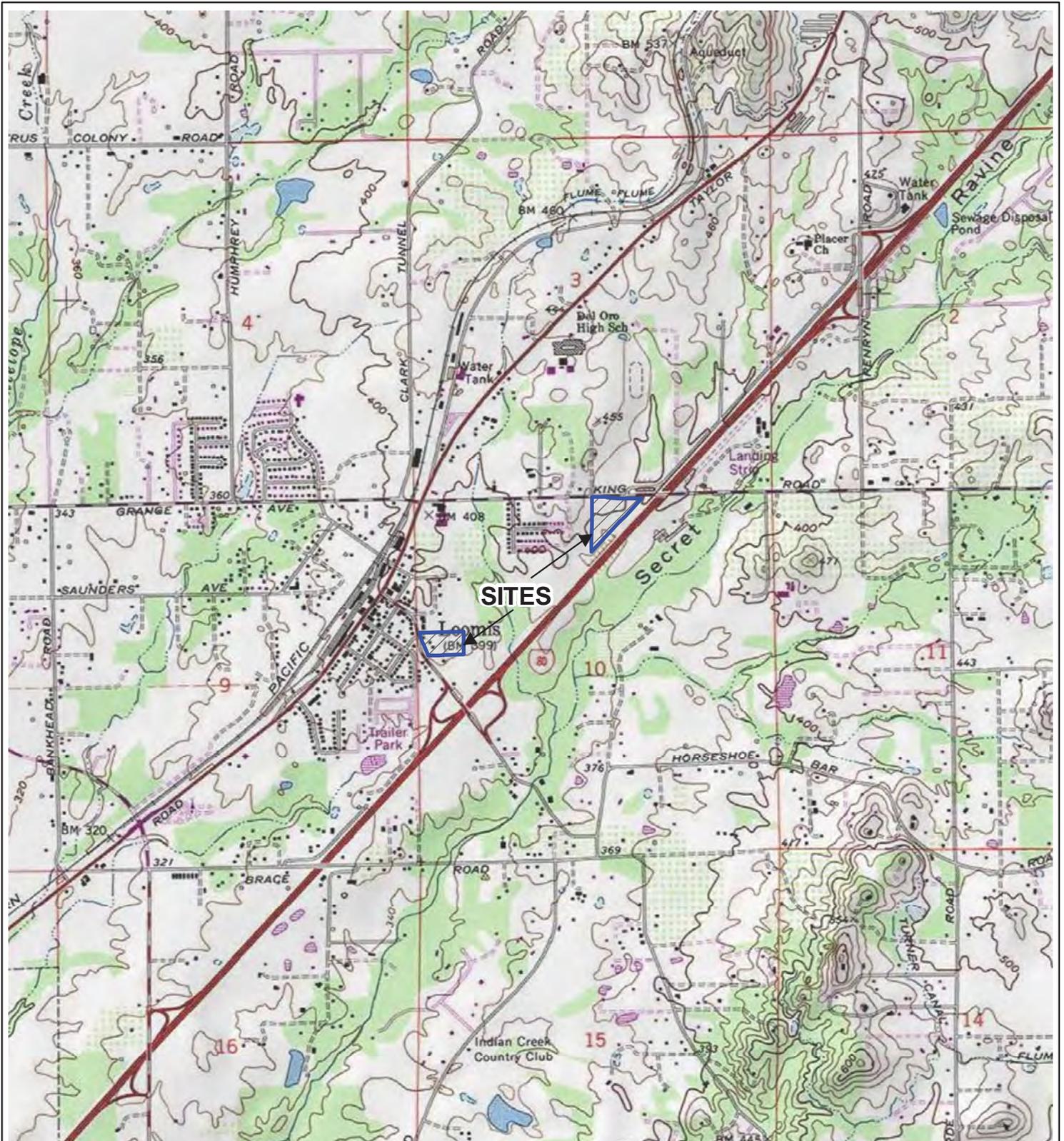


Street data courtesy of Placer County.
 Hydrography courtesy of the U.S. Geological Survey
 acquired from the GIS Data Depot, December, 2007.
 Projection: NAD 83, California State Plane, Zone II

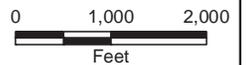


VICINITY MAP
QUONG, LE & JOHNSON PROPERTIES
 Placer County, California

FIGURE 1	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	10/13
WKA NO. 9899.01	

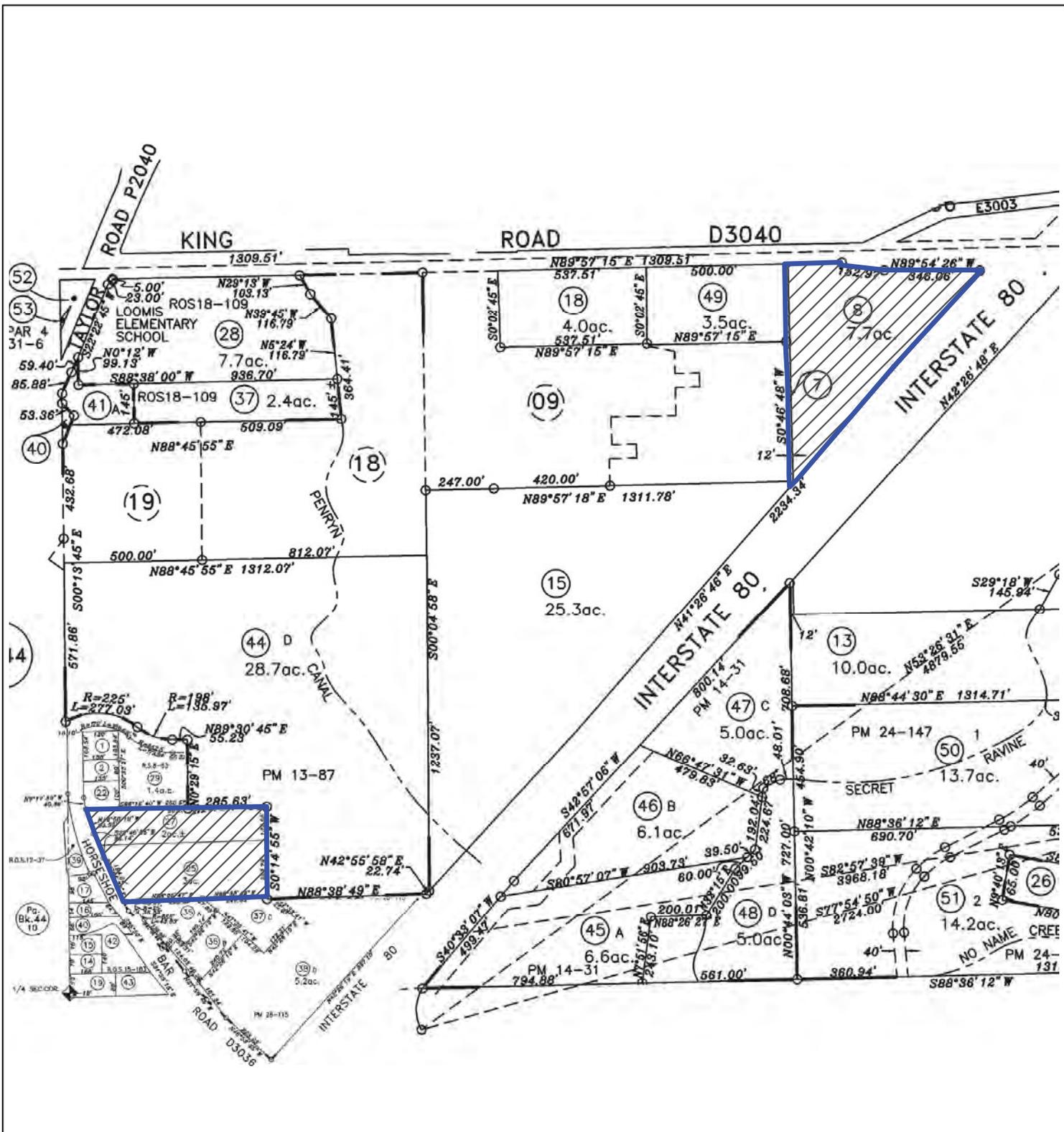


Adapted from U.S. Geological Survey 7.5 minute topographic map of the Rocklin quadrangle, California, 1981.
 Projection: NAD 83, California State Plane, Zone II



TOPOGRAPHIC MAP
 QUONG, LE & JOHNSON PROPERTIES
 Placer County, California

FIGURE 2	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	10/13
WKA NO. 9899.01	



Adapted from the Placer County Assessor's
 Map Book 43, Pages 08 and 10.
 Projection: NAD 83, California State Plane, Zone II

Legend

 Site boundary

N

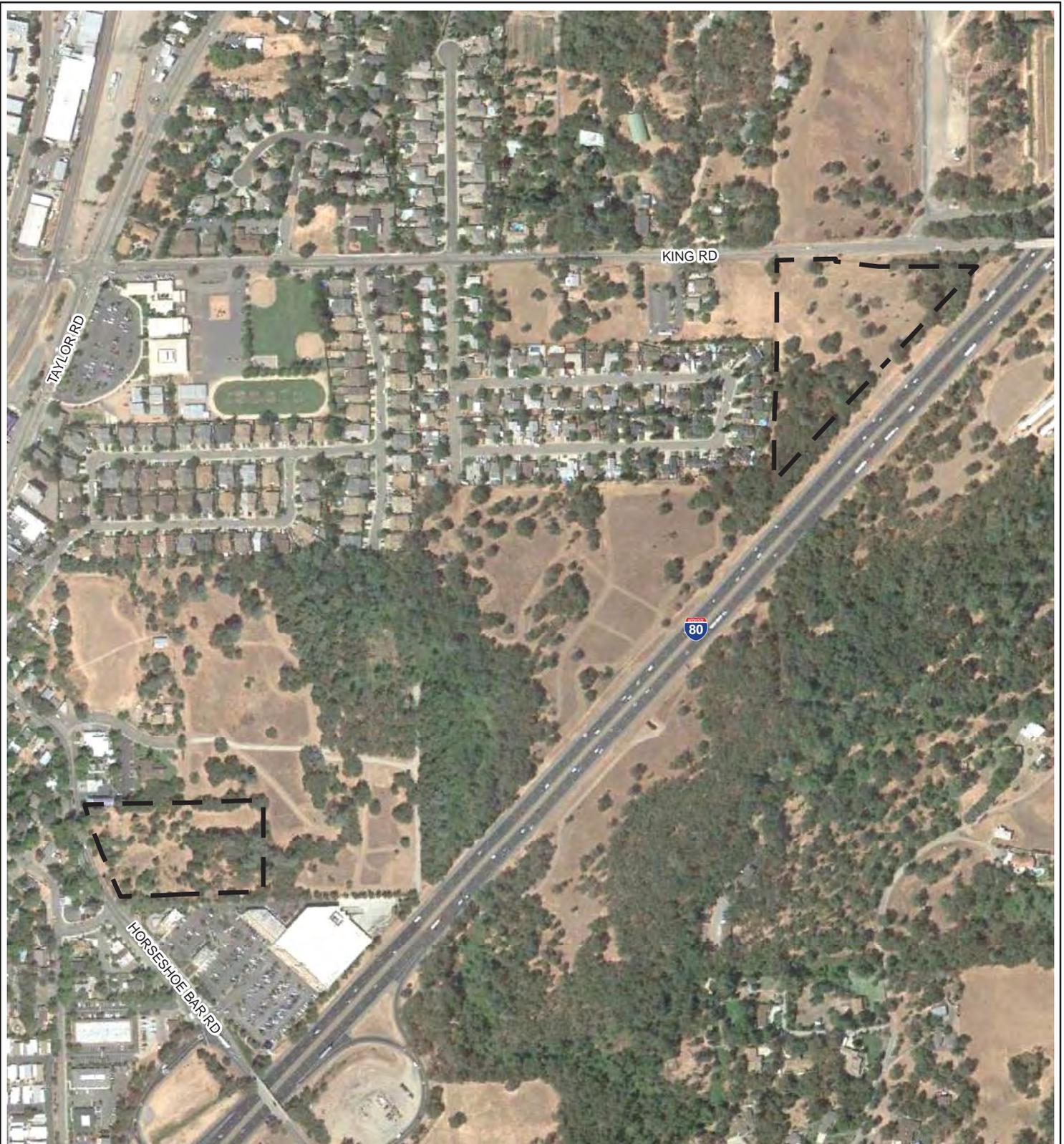


0 250 500
 Feet

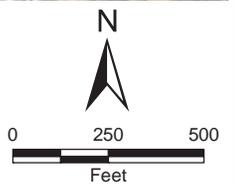


PARCEL MAP
 QUONG, LE & JOHNSON PROPERTIES
 Placer County, California

FIGURE 3	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	10/13
WKA NO. 9899.01	



Adapted from a Google Earth aerial photograph,
 dated August 24, 2012.
 Projection: NAD 83, California State Plane, Zone II



AERIAL SITE MAP
 QUONG, LE & JOHNSON PROPERTIES
 Placer County, California

FIGURE 4	
DRAWN BY	TJC
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	10/13
WKA NO. 9899.01	



East facing view along the northern boundary of the Quong portion of the site.



Southeast facing view through the Quong portion of the site.



Cluster of burned trees within the eastern portion of the Le and Johnson portion of the site.



Approximate location of the residence formerly located on the Le portion of the site.



SITE PHOTOGRAPHS
 QUONG, LE, AND JOHNSON PROPERTY
 Placer County, California

FIGURE 5a	
DRAWN BY	BCY
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	10/13
WKA NO. 9899.01	



Approximate location of the structure formerly located on the Johnson portion of the site.



Pit located within the central area of the Johnson portion of the site.



Remnant of the structure formerly located on the Johnson portion of the site.



North facing view of the northern boundary of the Johnson portion of the site.



SITE PHOTOGRAPHS
 QUONG, LE, AND JOHNSON PROPERTY
 Placer County, California

FIGURE 5b	
DRAWN BY	BCY
CHECKED BY	BCY
PROJECT MGR	DBN
DATE	10/13
WKA NO. 9899.01	

APPENDIX A
RESUMES



BRYAN C. YATES

ENVIRONMENTAL SPECIALIST

Bryan C. Yates has managed projects dealing with multiple aspects of private and public development including master-planned communities, residential subdivisions, schools, churches, commercial properties, and light industrial facilities since 1998.

At Wallace Kuhl & Associates, Mr. Yates provides consulting services for multiple disciplines including:

- Stormwater Pollution Prevention Plans
- Municipal Stormwater Management Planning/Permitting
- Environmental Site Assessments
- Geotechnical Feasibility Studies
- Construction Management
- Land Development Consultation
- Land Development Constraints Analysis
- Political Consulting/Public Agency Interaction

SELECTED PROJECT EXPERIENCE

Castle Farms, Merced, CA: Mr. Yates prepared a Phase I Environmental Site Assessment, assisted in the geotechnical feasibility study, planned and coordinated a ground water assessment, which included an aquifer pumping test. His work also included quarterly surface water and air monitoring that continued for three years. Castle Farms consists of approximately 2,500 acres of agriculture production land formerly used for growing almond and wine grapes crops. The property is surrounded by a chicken ranch, a former military installation a Class III Disposal Landfill and a dairy farm.

Leona Quarry, Oakland, CA: Mr. Yates coordinated the efforts of multiple members of the development and construction team with local and regional agencies. He assisted in the preparation of the Stormwater Management Plan and SWPPP for this reclaimed quarry located in the Oakland Hills. Re-use planning revolved around approximately 400 condominium and single-family residential lots within the former quarry. Leona Quarry was an aggregate mine in Alameda County, California that was undergoing closure/re-use Studies.

North Spring Street Bridge Widening Project, Los Angeles, CA: Mr. Yates completed, an Initial Site Assessment in general conformance with Caltrans Standard Environmental Reference. The proposed project would widen the existing 50-foot-wide viaduct by approximately 20 feet on each side, resulting in a 90-foot-wide by 700-foot-long viaduct the California Department of Transportation and the City of Los Angeles had voiced concerns over the hazardous materials impacts by the proposed project during the NEPA/CEQA environmental documentation process.

Sacramento Stucco Property, West Sacramento, CA: Mr. Yates completed a Phase I Environmental Site Assessment for the three-acre property located northwest of the intersection of Riske Lane and South River Road and assisted in getting the Property through the enrollment process for the VCA program with the DTSC.. The property was occupied by the active Sacramento Stucco Company operation. Development plans for the property include a 30- to 50-story building occupied by commercial space, a parking structure, and approximately 300 condominiums. This Brownfield property currently lies within the redevelopment zone identified by the City of West Sacramento. The property was historically occupied by a lead acid battery recycling operation,

Transcan/Hillcrest Area Specific Plan, Antioch, CA, Mr. Yates completed a modified Environmental Site Assessment in support of the initial planning land acquisition activities for this proposed 375-acre transit oriented development. Mr. Yates also assisted the project proponent in completing an opportunities and constraints analysis for the project. The project is planned for a multi-faceted transit oriented development with a town center, 2,500 high density residential units, and no single family residences. Initial planning was complicated by a mix of historic agriculture and industrial uses that will be mitigated throughout the development process.

Folsom Boulevard Streetscape, Rancho Cordova, CA, Mr. Yates completed multiple Phase I Environmental Site Assessments in support of the efforts by the City of Rancho Cordova to upgrade and revitalize the five-mile Folsom Boulevard Corridor. These assessments were completed as part of the technical studies for project NEPA/CEQA documentation and compliance. The

BRYAN C. YATES

Folsom Boulevard corridor is the heart of the City of Rancho Cordova Redevelopment Zone. Special features within the corridor include 4 Sacramento Regional Transit Light Rail Stations, and 3 Park & Ride Lots. Two US EPA Superfund sites are located within one mile of the Project boundary.

Northeast Fairfield Specific Plan, Fairfield, CA, Mr. Yates completed a hazardous materials assessment study for this large master planned community. This project included the development of previously undeveloped land, the redevelopment of the Cement Hill industrial area, a transit village with Capitol Corridor service, a railroad grade separation, and redevelopment of former railroad facilities. The planned uses included more than 6,000 single family residences, an employment center, retail, warehouse, and commercial.

Livingston's Concrete Services, Multiple Locations, CA, Mr. Yates has provided stormwater consulting services for Livingston's Concrete Services facilities in Lincoln, Rancho Cordova, North Highlands, Marysville, and Ophir (proposed).

Sunset, Roseville, CA, The Sunset project consists of approximately 1,000 acres of cattle grazing land. Mr. Yates completed a Phase I Environmental Site Assessment for this project. He also facilitated domestic water services discussions between Placer County Water Agency, the City of Roseville, and the project proponent.

Church Street Subdivision, Half Moon Bay, CA, Mr. Yates completed several technical studies in support of the environmental planning and permitting of this residential infill project located within Half Moon Bay, California. Bryan completed a modified Phase I Environmental Site Assessment

HIGHER EDUCATION:

California State University, Sacramento
Bachelors of Science-2000

University of California, Davis
Certificate in Land Use & Environmental Planning-2008

that included soils sampling and analysis, preliminary drainage study. The environmental sampling was completed as a screening tool to assess the potential for pesticides residues to be present in near surface soil of the site. The preliminary drainage study was complicated by dense riparian vegetation along the banks of Pilarcitos Creek, floodplain issues, and the potential need to realign the stream channel to accommodate for the potential of an upstream earthen dam failure.

Solano County Fairgrounds Redevelopment, Vallejo, CA, Mr. Yates completed a modified Phase I Environmental Site Assessment in support of the initial planning phase of the proposed redevelopment of this 180 acre existing county fairgrounds site. Large areas of undocumented fill, underground fuel storage tanks, animal disposal pits, lead/asbestos, PCBs, and animal waste in shallow groundwater were all issues identified in the initial phases of the assessment.

Stockton Waterfront Project, Stockton, CA, Mr. Yates was Project Manager for the approximately 70-acre designated Brownfield project. This site was the location of the Colberg Boat Works that had historically been used to build and repair mine sweeping ships during World War II and more recently had been utilized for a variety of industrial activities. Bryan completed the Phase I Environmental Site Assessment for this complex waterfront project. The project will encompass 69 single-family, waterfront residences with internal streets, underground utilities, landscaping, and clubhouse.

PROFESSIONAL REGISTRATIONS:

American Institute of Certified Planners (AICP)
#188463

Registered Environmental Assessor, CA
#08011-Program Suspended

Caltrans Certified Erosion Control Specialist
2003

24 Hour Hazardous Waste Training Course, 2003
(Updated Annually)

Certified Environmental Manager, Nevada #1926

Certified Professional in Erosion and Sediment
Control (CPESC) #3824

Qualified SWPPP Developer & Practitioner
(QSD/QSP), California # 21052

LEED Green Associate, GBCI #10747592

DENNIS B. NAKAMOTO

SENIOR HYDROGEOLOGIST

Mr. Nakamoto has 33 years experience in the fields of environmental consulting, groundwater studies, site characterization, remediation construction oversight, and regulatory compliance. As Senior Hydrogeologist, Mr. Nakamoto manages projects and mentors professionals regarding studies of anthropogenic and naturally occurring constituents including: petroleum hydrocarbons, metals, chlorinated hydrocarbons, pesticides and herbicides, and asbestos in soil and groundwater. His projects include studies of soil, soil vapor, and groundwater contaminants with focus on human health risk assessment and identification of environmental risk assessment, groundwater resource and supply with focus on well design, well rehabilitation and aquifer characterization. Mr. Nakamoto is experienced in implementing remediation actions from excavation and disposal to insitu treatment. Mr. Nakamoto is experienced in the interpretation of downhole geophysical data from surveys including, electric logs, gamma and natural gamma logs, neutron logs, and acoustic logs. He is experienced in the groundwater well drilling methods and the application of well construction methods, including some applications from the petroleum industry. He has groundwater extraction well designs have successfully addressed issues such as excessive sand production, selective screen intervals to exclude undesirable groundwater quality and corrosive aquifer conditions.

SELECTED PROJECT EXPERIENCE

Risk Based Cleanup, Future Sacred Heart Elementary School, Sacramento, California: Mr. Nakamoto worked on behalf of Catholic Health Care West, Sacramento Diocese and the Sacred Heart Parish to establish appropriate soil remediation goals for lead, chlordane, and dieldrin in soil at the future Sacred Heart Elementary School site. He represented Sacred Heart Parish in negotiations with Catholic Health Care West to identify appropriate site characterization and mitigation efforts. He represented Sacred Heart Parish in meetings with the California Department of Toxic Substances Control to establish statistically derived risk-based values to determine site-specific cleanup levels for the chemicals present in soil. Mr. Nakamoto also represented the project during City of Sacramento Council meetings and Community Relations Building meetings. He provided technical oversight, on behalf of Sacred Heart Parish and Catholic Health Care West, of site remediation activities, including disposal of RCRA hazardous wastes.

Brownfield Development, Prospective Purchaser Agreement, Sacramento, California: Mr. Nakamoto served as the lead environmental consultant that successfully negotiated a 2006 Prospective Purchasers Agreement (PPA) between the Central Valley Regional Water Quality Control Board (CVRWQCB) and Signature Properties for a residential development proposed within the area of large-scale groundwater contamination. Negotiations with the PPA required focused consensus building and close coordination with CVRWQCB staff and counsel.

Preliminary Endangerment Assessment, Rancho Cordova, California: Mr. Nakamoto assisted a Land Developer in successfully securing

DTSC approval of a Preliminary Endangerment Assessment (PEA) on land proposed for residential development in Rancho Cordova, California. His detailed analyses of data demonstrated that variability of metal concentrations in selected soil samples were not representative of the actual metal concentrations in site soil. This demonstration allowed DTSC to concur that soil within the property did not pose a threat to the residential development.

Phase I ESA, Oroville, California: Mr. Nakamoto completed a Phase I ESA for Thermalito Union School District, Oroville, California that revealed the proposed school site historically supported agricultural and automotive repair facility activities. Based on initial ESA findings, DTSC approved Mr. Nakamoto's recommendation to include analyzing soil samples for pesticide residues and metals in surface soil as a part of the ESA. This resulted in the District saving considerable time and expense.

7th Street Extension, Sacramento, CA: Performed Environmental Oversight Authority monitoring for the \$25 million project connecting downtown Sacramento to the Richards Boulevard (North Sacramento are) by extending 7th Street across the former Sacramento Locomotive Works Yard, a former Superfund property. One element of this project was the below grade crossing at the Union Pacific Railroad track line. Excavation at this location revealed the presence of material suspected to be foundry slag. Laboratory analysis of carefully selected samples showed the material was not foundry slag. Other issues resolved during this project included handling and discharge of groundwater from dewatering activities and participation in the community relations team activities.

DENNIS B. NAKAMOTO

Federal Courthouse Building, Sacramento, CA: Served as EOA for this project, which was the first development of the former Sacramento Locomotive Works Yard Superfund Site. Closely coordinated with the City of Sacramento, DTSC, Union Pacific Railroad Company, and the Project managers, General Services Administration. During this project, several areas of concern were studied that included:

- ◆ Leaking Underground Storage Tanks
- ◆ Features deemed of Archeological interest
- ◆ Presence of Stoddard's solvent in soil
- ◆ Presence of oil containing total and soluble metal concentrations exceeding California thresholds for hazardous wastes

Fire Station Number 5 Replacement, City of Sacramento, CA: The initial project involved preparation and implementation of a work plan for characterizing an historic landfill previously identified as lying beneath a portion of the station property. Construction of the new Fire Station building required that a portion of the historic landfill be excavated. Soil sample analyses revealed total and soluble lead concentrations in soil at some locations exceeded hazardous thresholds established by either California or Federal standards.

Preliminary Endangerment Assessments – Various Locations (CA):

Adelane High School Parking Lot, Roseville: Former residential property where weathering of paint surfaces had resulted in the presence of lead containing paint chip in soil. Laboratory analysis of soil samples confirmed the vertical and lateral distribution of lead containing paint chips in soil. Excavation activities allowed for removal of the impacted soil for appropriate disposal.

Eureka School Assessment, Granite Bay – PEA performed to address the potential presence of

HIGHER EDUCATION:

University of California, Davis, California
B.S. Geology (1977)

pesticide residues in soil historically operated as an olive orchard. Close coordination with DTSC, regarding planning the sample collection plan, allowed for DTSC determination that the property posed no threat to the proposed use as a school facility.

Thermalito Union School District, Oroville – The initial Environmental Site Assessment (ESA) activities revealed the proposed school site was historically supported agricultural and automotive repair facility activities. Based on presenting initial ESA findings, DTSC approved expanding the ESA scope to include analyzing soil samples for pesticide residues and metals in surface soil. Completing the sampling and analysis activities concurrent with the ESA resulted in the District saving considerable time and expense.

Railroad Transportation Facilities, Various Locations (CA, NV): Conducted studies of soil and groundwater contamination at various railroad facilities operated by the Southern Pacific Transportation Company and the Union Pacific Railroad Company. These sites were located throughout California and Nevada. Studies regarding compliance with the Toxic Pits Cleanup Act (TPCA), as well as studies of railroad contamination, resulted in properties being designated Superfund properties. Contaminants at these properties included:

- ◆ Bunker Oil and its related carcinogenic compounds related to storage tank operations
- ◆ Metal contamination related to metal works and refinishing activities
- ◆ Soil pH and contaminated related to lead acid battery maintenance activities
- ◆ Chlorinated solvents related to industrial cleaning activities
- ◆ Asbestos related to locomotive rehabilitation activities

PROFESSIONAL REGISTRATIONS:

California
Professional Geologist No. 3863, California,
Certified Engineering Geologist No.1353
Certified Hydrogeologist No. 260

Oregon
Professional Geologist and an Engineering
Geologist No. E 1535

Wyoming
Professional Geologist No. PG 2157

APPENDIX B
ASTM E 1527-05 User Questionnaire
and Helpful Documents Checklist



HELPFUL DOCUMENTS
QUONG, LE, AND JOHNSON PROPERTY

Are you aware of any of the below-listed reports, as they relate specifically to the property?

___ Yes No (if yes, please check all that apply)

- Environmental Site Assessment reports (Phase I ESA, Asbestos sampling reports, etc.)
- Environmental Compliance Audit reports
- Geotechnical Reports
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
- Registrations for underground or above ground storage tanks
- Registrations for underground injection systems
- Material Safety Data Sheets
- Community Right-to-Know plan
- Safety Plan
- Reports regarding Hydrogeologic conditions on the property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- Hazardous waste generator notices, or reports
- Environmental Impact Reports (draft and/or final)
- Risk assessments
- Recorded AULs

If any of the above listed documents are available, will copies be provided to WKA for review?

___ Yes ___ No

Based upon phone interview
with MaryAnn Quong.
10-23-13

Completed by Todd Lowell

Date: 10/23/13

916-652-7450

Title: _____

Signature Todd Lowell



ASTM E 1527-05 USER QUESTIONNAIRE
QUONG, LE, AND JOHNSON PROPERTY

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user*² must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete

(1.) Have you performed a search for environmental cleanup liens and AULs, as described under *User Obligations* in the attached proposal, for the *property*?

(2.) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

(3.) Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

(4.) As the *user* of the report, do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

(5.) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present on the *property*?

(6.) Are you aware of commonly known or reasonably ascertainable information about the *property* that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the *property*? If so, what were they?

(b.) What, if any, specific chemicals are present or once were present at the *property*?

² User, as defined in the ASTM Standard is "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outlined in Section 6 [of the ASTM Standard]."



E 1527-05 USER QUESTIONNAIRE (cont.)
QUONG, LE, AND JOHNSON PROPERTY

Questions 6 continued:

(c) What, if any, spills or other chemical releases have taken place at the *property*?

(d) What, if any, environmental cleanups have taken place at the *property*?

(7.) As the *user* of this ESA, based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*?

COMPLETION:

I have completed this User Questionnaire to the best of my knowledge and provided all information to the environmental professional as of the following date:

Completed by: _____

Call Mary Ann Quong
916-652-7450

Date: _____

Title: _____

Signature: _____

Phone Number: _____

Relationship to the Site (i.e., owner, lender, property manager): _____



HELPFUL DOCUMENTS
QUONG, LE, AND JOHNSON PROPERTY

Are you aware of any of the below-listed reports, as they relate specifically to the property?

___ Yes ___ No (if yes, please check all that apply)

- Environmental Site Assessment reports (Phase I ESA, Asbestos sampling reports, etc.)
- Environmental Compliance Audit reports
- Geotechnical Reports
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
- Registrations for underground or above ground storage tanks
- Registrations for underground injection systems
- Material Safety Data Sheets
- Community Right-to-Know plan
- Safety Plan
- Reports regarding Hydrogeologic conditions on the property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- Hazardous waste generator notices, or reports
- Environmental Impact Reports (draft and/or final)
- Risk assessments
- Recorded AULs

If any of the above listed documents are available, will copies be provided to WKA for review?

___ Yes ___ No

Completed by Todd Lowell

Date: 10-23-13

Title: _____

Signature Todd Lowell

Le to provide
a copy of previous
Phase 1.
Le's phone number:
916-730-4122



ASTM E 1527-05 USER QUESTIONNAIRE
QUONG, LE, AND JOHNSON PROPERTY

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user*² must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

(1.) Have you performed a search for environmental cleanup liens and AULs, as described under *User Obligations* in the attached proposal, for the *property*?

(2.) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

(3.) Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

(4.) As the *user* of the report, do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

(5.) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present on the *property*?

(6.) Are you aware of commonly known or reasonably ascertainable information about the *property* that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the *property*? If so, what were they?

(b.) What, if any, specific chemicals are present or once were present at the *property*?

² User, as defined in the ASTM Standard is "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outline in Section 6 [of the ASTM Standard]."



E 1527-05 USER QUESTIONNAIRE (cont.)
QUONG, LE, AND JOHNSON PROPERTY

Questions 6 continued:

(c) What, if any, spills or other chemical releases have taken place at the *property*?

(d.) What, if any, environmental cleanups have taken place at the *property*?

(7.) As the *user* of this ESA, based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*?

COMPLETION:

I have completed this User Questionnaire to the best of my knowledge and provided all information to the environmental professional as of the following date:

Completed by: _____

Date: _____

Title: _____

Signature _____

Phone Number: _____

Relationship to the Site (i.e., owner, lender, property manager) _____



HELPFUL DOCUMENTS
QUONG, LE, AND JOHNSON PROPERTY

Are you aware of any of the below-listed reports, as they relate specifically to the property?

___ Yes No (if yes, please check all that apply):

- Environmental Site Assessment reports (Phase I ESA, Asbestos sampling reports, etc.)
- Environmental Compliance Audit reports
- Geotechnical Reports
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
- Registrations for underground or above ground storage tanks
- Registrations for underground injection systems
- Material Safety Data Sheets
- Community Right-to-Know plan
- Safety Plan
- Reports regarding Hydrogeologic conditions on the property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- Hazardous waste generator notices, or reports
- Environmental Impact Reports (draft and/or final)
- Risk assessments
- Recorded AULs

If any of the above listed documents are available, will copies be provided to WKA for review?

___ Yes ___ No

Completed by Todd Lowell based upon phone conversation with Paul Johnson

Date: 10-16-13 652-8297

Title: _____

Signature: Todd Lowell



ASTM E 1527-05 USER QUESTIONNAIRE
QUONG, LE, AND JOHNSON PROPERTY

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user*² must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete

(1.) Have you performed a search for environmental cleanup liens and AULs, as described under *User Obligations* in the attached proposal, for the *property*? N

(2.) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? N

(3.) Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? N

(4.) As the *user* of the report, do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? N

(5.) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present on the *property*? NA

(6.) Are you aware of commonly known or reasonably ascertainable information about the *property* that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the *property*? Yes If so, what were they?

A 4-plex previously on site, but burned down +/- 5 yrs.

(b.) What, if any, specific chemicals are present or once were present at the *property*? ago.

None known

² User, as defined in the ASTM Standard is "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outline in Section 6 [of the ASTM Standard]."



E 1527-05 USER QUESTIONNAIRE (cont.)
QUONG, LE, AND JOHNSON PROPERTY

Questions 6 continued:

(c.) What, if any, spills or other chemical releases have taken place at the *property*?

None known

(d.) What, if any, environmental cleanups have taken place at the *property*?

None known

(7.) As the *user* of this ESA, based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*?

No

COMPLETION:

I have completed this User Questionnaire to the best of my knowledge and provided all information to the environmental professional as of the following date:

Completed by: Todd Lowell based upon phone interview
with Paul JohnsonDate: 10-16-13

652-8297

Title: _____

Signature: Todd LowellPhone Number: 916 660 1720Relationship to the Site (i.e., owner, lender, property manager): neighbor

APPENDIX C
EDR® Radius Map Report Executive Summary



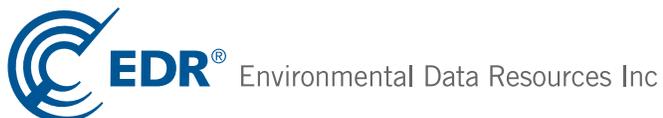
Le and Johnson Property

Horseshoe Bar Road/Library Drive
Loomis, CA 95650

Inquiry Number: 3746781.1s

October 02, 2013

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	46
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	A-18

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

HORSESHOE BAR ROAD/LIBRARY DRIVE
LOOMIS, CA 95650

COORDINATES

Latitude (North): 38.8195000 - 38° 49' 10.20"
Longitude (West): 121.1904000 - 121° 11' 25.44"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 657103.4
UTM Y (Meters): 4298094.5
Elevation: 388 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38121-G2 ROCKLIN, CA
Most Recent Revision: 1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
WMUDS/SWAT..... Waste Management Unit Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS 2..... CERCLA Lien Information
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
CA BOND EXP. PLAN.....	Bond Expenditure Plan
UIC.....	UIC Listing
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
Notify 65.....	Proposition 65 Records
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
HWT.....	Registered Hazardous Waste Transporter Database
HWP.....	EnviroStor Permitted Facilities Listing
Financial Assurance.....	Financial Assurance Information Listing
LEAD SMELTERS.....	Lead Smelter Sites
2020 COR ACTION.....	2020 Corrective Action Program List
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
PRP.....	Potentially Responsible Parties
WDS.....	Waste Discharge System
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 07/11/2013 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PACIFIC BELL</i>	<i>WALNUT STREET</i>	<i>WNW 1/8 - 1/4 (0.207 mi.)</i>	<i>D14</i>	<i>20</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>RALEYS 271</i>	<i>6119 HORSESHOE BAR RD</i>	<i>SSE 1/8 - 1/4 (0.145 mi.)</i>	<i>B7</i>	<i>12</i>

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/05/2013 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>GROVE SUBDIVISION</i> Status: Inactive - Action Required	<i>3342 HUMPHREY ROAD</i>	<i>NW 1/2 - 1 (0.886 mi.)</i>	<i>33</i>	<i>39</i>
<i>H. CLARKE POWERS ELEMENTARY SC</i> Status: No Further Action	<i>3296 HUMPHREY ROAD</i>	<i>NW 1/2 - 1 (0.963 mi.)</i>	<i>34</i>	<i>42</i>

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/26/2013 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS VETERAN'S MEMORIAL HALL Status: Completed - Case Closed	5945 HORSESHOE BAR RD	NW 0 - 1/8 (0.082 mi.)	A2	8
VFR/LOOMIS FAST GAS Status: Completed - Case Closed	3705 TAYLOR RD	WNW 1/8 - 1/4 (0.225 mi.)	F20	25
MARK'S AUTOMOTIVE EXXON Status: Completed - Case Closed	3590 TAYLOR RD	NNW 1/8 - 1/4 (0.248 mi.)	G26	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS YARD (PLACER CO PUB WKS) Status: Completed - Case Closed	3790 TAYLOR RD	WSW 1/4 - 1/2 (0.400 mi.)	H29	35
PLACER COUNTY DPW	3790 TAYLOR RD	WSW 1/4 - 1/2 (0.400 mi.)	H30	37

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 07/26/2013 has revealed that there are 3 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEMGREEN Facility Status: Open - Inactive	3717 TAYLOR ROAD	W 1/8 - 1/4 (0.235 mi.)	F23	29
MID-VALLEY ELECTRIC Facility Status: Open - Inactive	6030 KING ROAD	NNW 1/4 - 1/2 (0.416 mi.)	I31	38
MID-VALLEY ELECTRIC	6030 KINGS RD	NNW 1/4 - 1/2 (0.417 mi.)	I32	39

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 07/26/2013 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL (LOOMIS)	5916 WALNUT ST	W 1/8 - 1/4 (0.155 mi.)	8	16

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 06/17/2013 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RALEYS 271	6119 HORSESHOE BAR RD	SSE 1/8 - 1/4 (0.145 mi.)	B7	12

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
V.F.R. INC.	5844 WALNUT	WNW 1/8 - 1/4 (0.198 mi.)	D13	19
H.M. SERVICE	3637 TAYLOR RD	NW 1/8 - 1/4 (0.209 mi.)	E17	22
DOMINGUEZ EXXON	3590 TAYLOR RD	NNW 1/8 - 1/4 (0.248 mi.)	G28	33
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GRACE FIESER	5950 OAK ST	WSW 1/8 - 1/4 (0.180 mi.)	C12	18

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS MEMORIAL HALL	5945 HORSESHOE BAR RD	NW 0 - 1/8 (0.082 mi.)	A3	10
V.F.R. INC.	5844 WALNUT	WNW 1/8 - 1/4 (0.198 mi.)	D13	19
H.M. SERVICE	3637 TAYLOR RD	NW 1/8 - 1/4 (0.209 mi.)	E17	22
PACIFIC BELL, SEE III	5716 WALNUT ST	WNW 1/8 - 1/4 (0.221 mi.)	D19	25
DOMINGUEZ EXXON	3590 TAYLOR RD	NNW 1/8 - 1/4 (0.248 mi.)	G28	33
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GRACE FIESER	5950 OAK LN	WSW 1/8 - 1/4 (0.180 mi.)	C11	18

EXECUTIVE SUMMARY

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/11/2013 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AIR INSULATION	3702 TAYLOR	WNW 1/8 - 1/4 (0.226 mi.)	F21	27

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS VETERAN'S MEMORIAL HALL	5945 HORSESHOE BAR RD	NW 0 - 1/8 (0.082 mi.)	A2	8
VFR/LOOMIS FAST GAS	3705 TAYLOR RD	WNW 1/8 - 1/4 (0.225 mi.)	F20	25
MARK'S AUTOMOTIVE EXXON	3590 TAYLOR RD	NNW 1/8 - 1/4 (0.248 mi.)	G26	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS YARD (PLACER CO PUB WKS	3790 TAYLOR RD	WSW 1/4 - 1/2 (0.400 mi.)	H29	35

CA PLACER CO. MS: Placer County Master List of Facilities includes Aboveground Hazardous Material tanks, Underground Storage tanks, Site Clean-up sites.

A review of the CA PLACER CO. MS list, as provided by EDR, and dated 03/12/2013 has revealed that there are 13 CA PLACER CO. MS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS VETERAN'S MEMORIAL HALL	5945 HORSESHOE BAR RD	NW 0 - 1/8 (0.082 mi.)	A2	8
PACIFIC BELL (LOOMIS)	5916 WALNUT ST	W 1/8 - 1/4 (0.155 mi.)	8	16
SUREWEST COMMUNICATION (SITE 7	3664 MAGNOLIA ST	WNW 1/8 - 1/4 (0.156 mi.)	9	17
VERIZON WIRELESS (LOOMIS) SEE	5840 HORSESHOE BAR RD	NW 1/8 - 1/4 (0.170 mi.)	10	18
V.F.R. INC.	5844 WALNUT	WNW 1/8 - 1/4 (0.198 mi.)	D13	19
H.M. SERVICE	3637 TAYLOR RD	NW 1/8 - 1/4 (0.209 mi.)	E17	22
BLUE ANCHOR, INC CLOSED	3634 TAYLOR RD	NW 1/8 - 1/4 (0.212 mi.)	E18	25
VFR/LOOMIS FAST GAS	3705 TAYLOR RD	WNW 1/8 - 1/4 (0.225 mi.)	F20	25
HARDWARE EMPORIUM, THE	3601 TAYLOR RD	NNW 1/8 - 1/4 (0.234 mi.)	G22	29
AUBURN PLACER DISPOSAL	WEB & TAYLOR RD	NNW 1/8 - 1/4 (0.236 mi.)	G24	29
KINETIC ENGINEERING & CONSTRUC	3725 TAYLOR RD	W 1/8 - 1/4 (0.243 mi.)	25	30
MARK'S AUTOMOTIVE EXXON	3590 TAYLOR RD	NNW 1/8 - 1/4 (0.248 mi.)	G26	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS PARK PLACE CLEANERS	6103 HORSESHOE BAR ROADS	1/8 - 1/4 (0.127 mi.)	B5	10

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 4 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	3637 TAYLOR RD	NW 1/8 - 1/4 (0.209 mi.)	E16	22
Not reported	3590 TAYLOR RD	NNW 1/8 - 1/4 (0.248 mi.)	G27	32
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6060 HORSESHOE BAR RD	SW 0 - 1/8 (0.060 mi.)	1	8
Not reported	3766 HOLLY ST	WSW 1/8 - 1/4 (0.209 mi.)	15	22

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 2 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

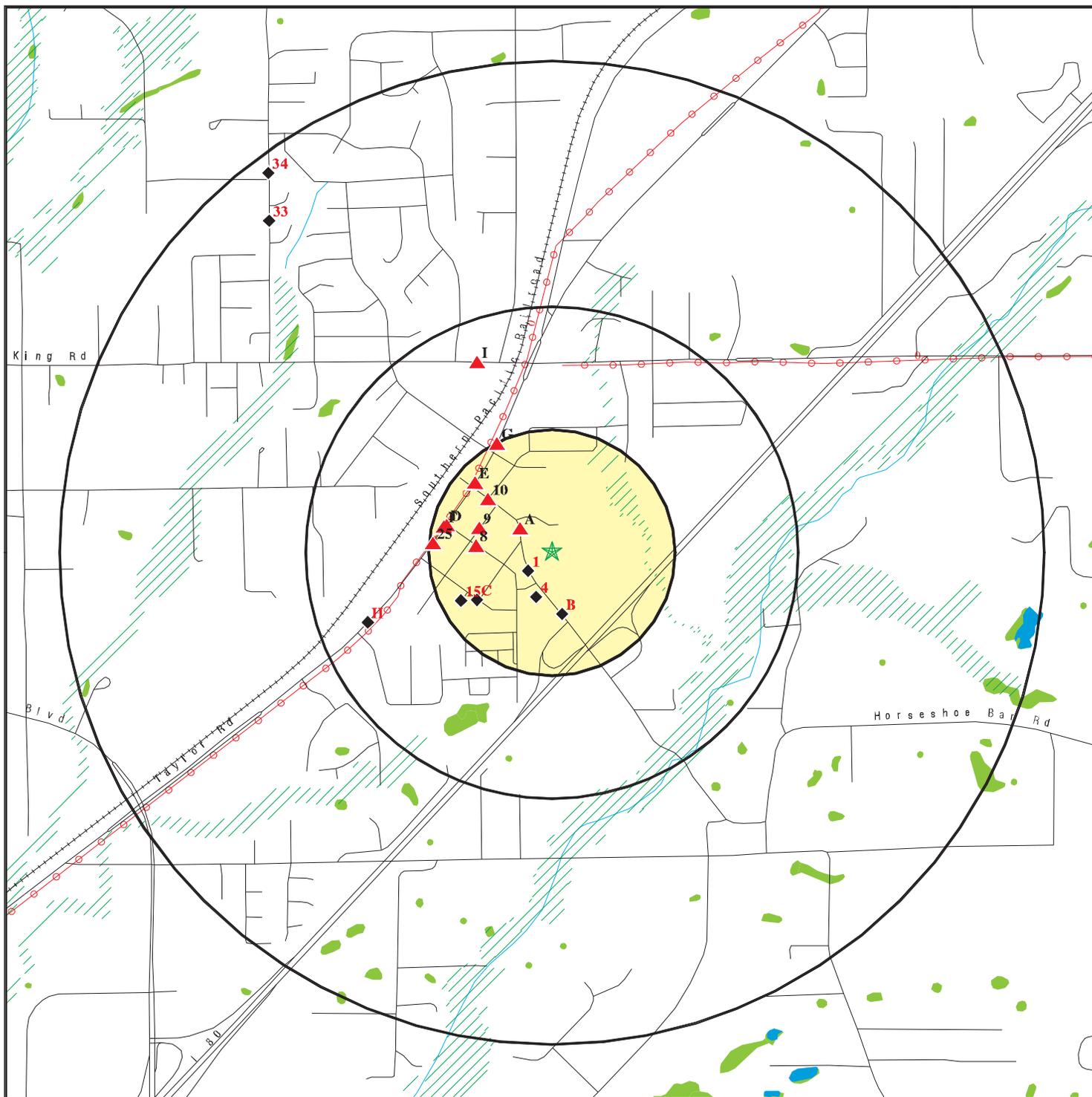
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	6100 HORSESHOE BAR RD	SSW 0 - 1/8 (0.095 mi.)	4	10
Not reported	6103 HORSESHOE BAR RD	S 1/8 - 1/4 (0.127 mi.)	B6	12

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

<u>Site Name</u>	<u>Database(s)</u>
HARRIS TRUCKING SIERRA STATION #12	HIST CORTESE, LUST SWEEPS UST CA PLACER CO. MS, CHMIRS
ORCHARD PLACE SUBDIVISION SIERRA STATION #12 LINCOLN HIGHWAY ABANDONMENT PARCEL SMITH, LEONARD E LOOMIS, TOWN OF, CORP. YARD	VCP, ENVIROSTOR HIST UST SLIC CA PLACER CO. MS CA PLACER CO. MS

OVERVIEW MAP - 3746781.1s



★ 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

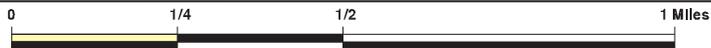
⚡ Oil & Gas pipelines from USGS

▨ 100-year flood zone

▨ 500-year flood zone

■ National Wetland Inventory

■ Areas of Concern

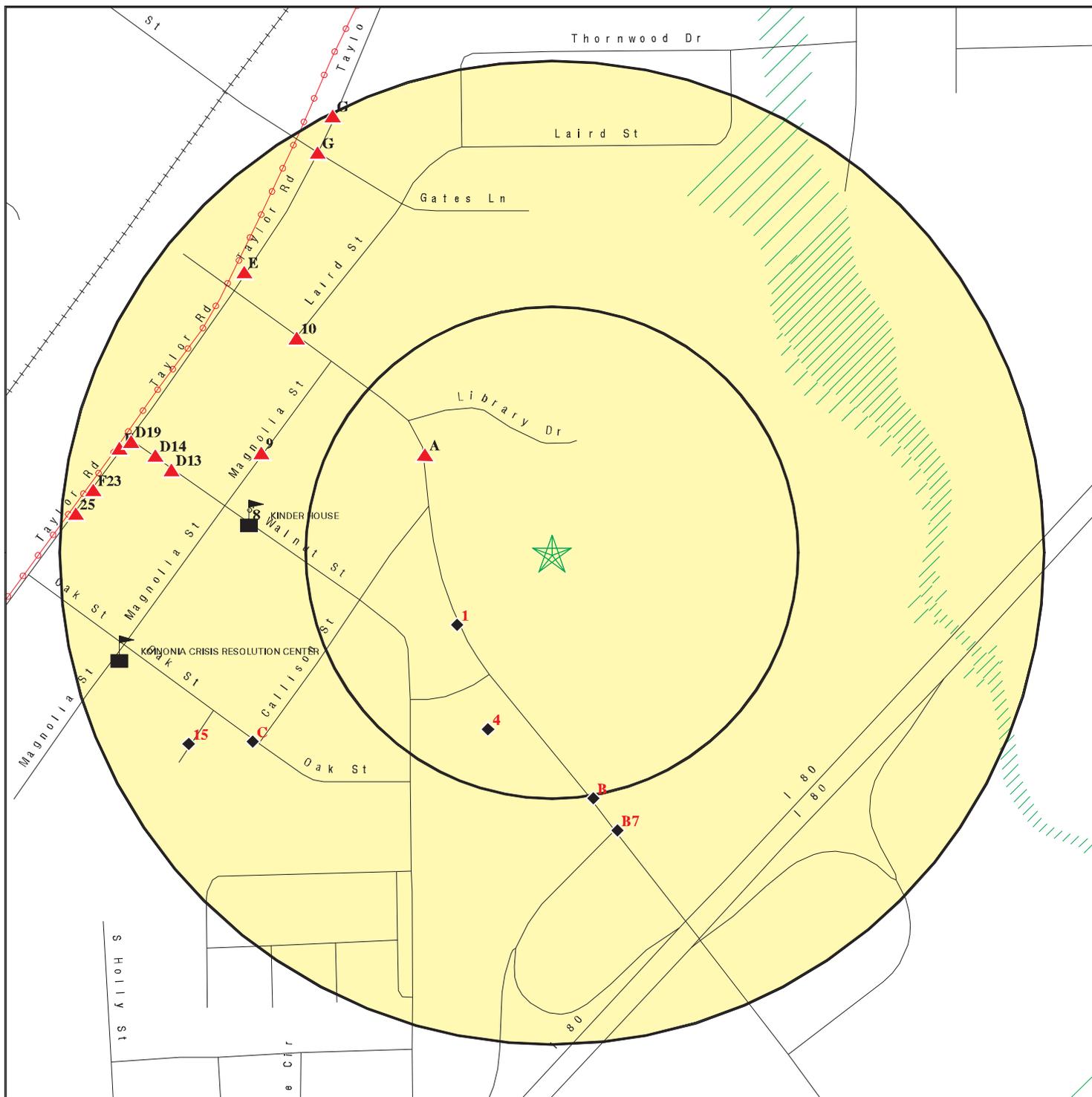


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Le and Johnson Property
 ADDRESS: Horseshoe Bar Road/Library Drive
 Loomis CA 95650
 LAT/LONG: 38.8195 / 121.1904

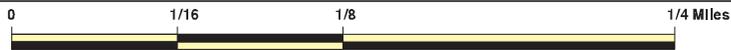
CLIENT: Wallace - Kuhl & Associates
 CONTACT: Bryan C. Yates
 INQUIRY #: 3746781.1s
 DATE: October 02, 2013 4:53 pm

DETAIL MAP - 3746781.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- 🏠 National Priority List Sites
- 🏠 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- ⚡ Power transmission lines
- 🛢 Oil & Gas pipelines from USGS
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🏠 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: Le and Johnson Property
 ADDRESS: Horseshoe Bar Road/Library Drive
 Loomis CA 95650
 LAT/LONG: 38.8195 / 121.1904

CLIENT: Wallace - Kuhl & Associates
 CONTACT: Bryan C. Yates
 INQUIRY #: 3746781.1s
 DATE: October 02, 2013 4:55 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								
<i>Federal NPL site list</i>								
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
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	0	2	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	2	2	NR	NR	5

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
SLIC	0.500		0	1	2	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	1	NR	NR	NR	1
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	1	0	NR	NR	1
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		0	4	NR	NR	NR	4
SWEEPS UST	0.250		1	5	NR	NR	NR	6
Local Land Records								
LIENS 2	TP		NR	NR	NR	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
LDS	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
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		1	2	1	NR	NR	4
CUPA Listings	0.250		0	0	NR	NR	NR	0
CA PLACER CO. MS	0.250		1	12	NR	NR	NR	13
Notify 65	1.000		0	0	0	0	NR	0
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		NR	NR	NR	NR	NR	0
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
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	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
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		1	3	NR	NR	NR	4
EDR US Hist Cleaners	0.250		1	1	NR	NR	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

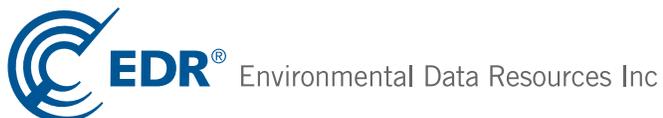
Sites may be listed in more than one database

Quong Property

King Road/Boyington Road
Loomis, CA 95650

Inquiry Number: 3746788.2s
October 02, 2013

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	16
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	A-20

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

KING ROAD/BOYINGTON ROAD
LOOMIS, CA 95650

COORDINATES

Latitude (North): 38.8243000 - 38° 49' 27.48"
Longitude (West): 121.1814000 - 121° 10' 53.04"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 657874.2
UTM Y (Meters): 4298643.0
Elevation: 400 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38121-G2 ROCKLIN, CA
Most Recent Revision: 1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
SLIC..... Statewide SLIC Cases
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Active UST Facilities
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS 2..... CERCLA Lien Information
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites

EXECUTIVE SUMMARY

CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
CA BOND EXP. PLAN.....	Bond Expenditure Plan
UIC.....	UIC Listing
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE.....	Hazardous Waste & Substance Site List
CUPA Listings.....	CUPA Resources List
CA PLACER CO. MS.....	Master List of Facilities
Notify 65.....	Proposition 65 Records
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
HWT.....	Registered Hazardous Waste Transporter Database
HWP.....	EnviroStor Permitted Facilities Listing
Financial Assurance.....	Financial Assurance Information Listing
LEAD SMELTERS.....	Lead Smelter Sites
2020 COR ACTION.....	2020 Corrective Action Program List
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
PRP.....	Potentially Responsible Parties
WDS.....	Waste Discharge System
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
PROC.....	Certified Processors Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations

EXECUTIVE SUMMARY

EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

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.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 08/05/2013 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MORGAN'S ORCHARD</i> Status: No Further Action	<i>SOUTH OF INTERSTATE HWYNE 1/2 - 1 (0.640 mi.)</i>		<i>4</i>	<i>13</i>

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 05/20/2013 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS SANITARY LANDFILL	ONG PLACE (WINTERS RD);	SE 1/4 - 1/2 (0.409 mi.)	2	8

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOOMIS SOLID WASTE DISP SITE	END OF WINTERS RD & KIN	E 1/4 - 1/2 (0.464 mi.)	3	9

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MRS. CHARLES E. DAY OR ROSE E.</i>	<i>6338 KING RD</i>	<i>WNW 1/8 - 1/4 (0.198 mi.)</i>	<i>1</i>	<i>8</i>

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MRS. CHARLES E. DAY OR ROSE E.</i>	<i>6338 KING RD</i>	<i>WNW 1/8 - 1/4 (0.198 mi.)</i>	<i>1</i>	<i>8</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

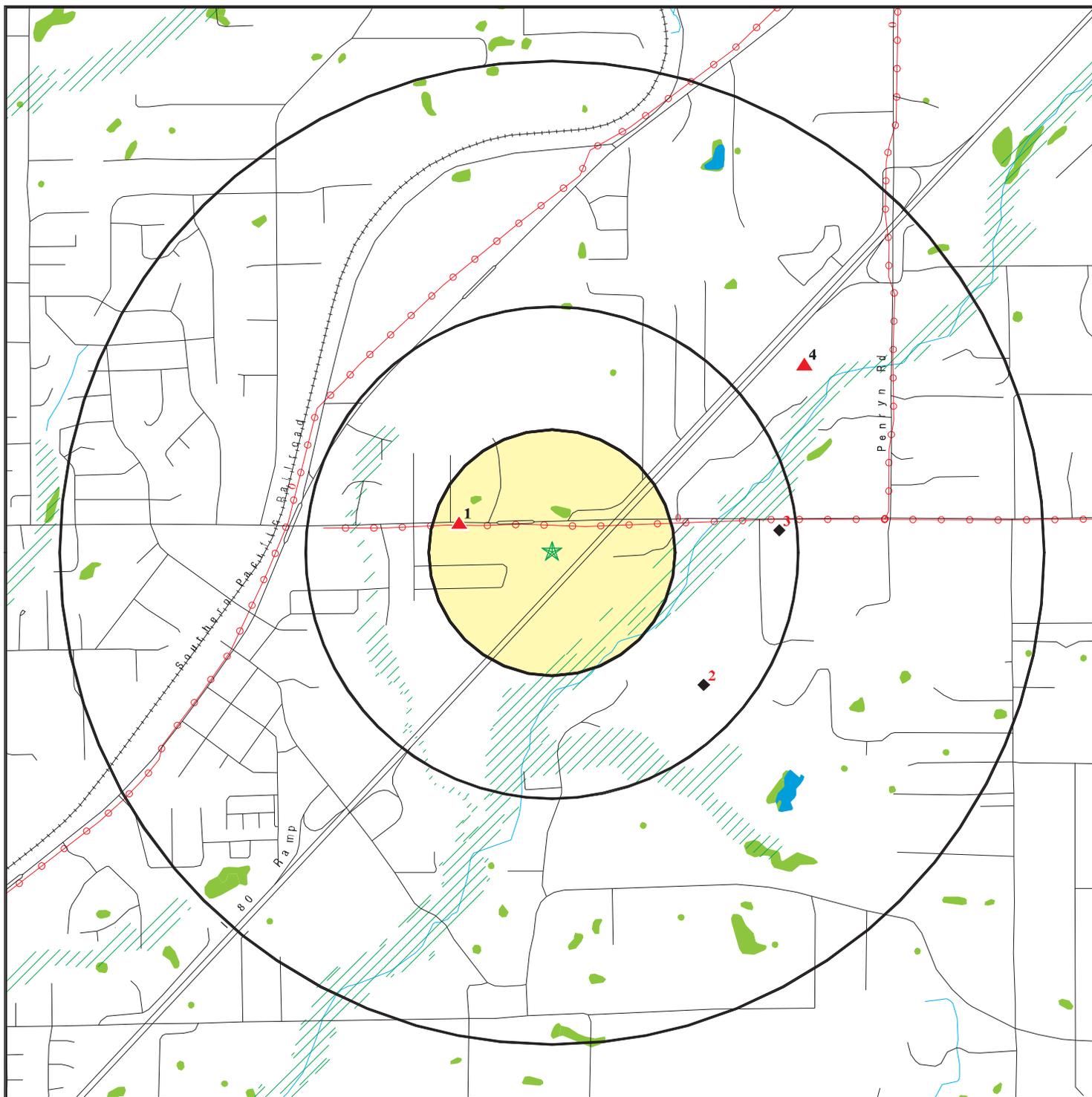
Site Name

Database(s)

PCWA -LOS LAGOS-CALARP CLSD

CA PLACER CO. MS, CHMIRS
CA PLACER CO. MS

OVERVIEW MAP - 3746788.2s



★ Target Property

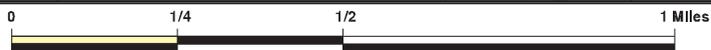
▲ Sites at elevations higher than or equal to the target property

◆ 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

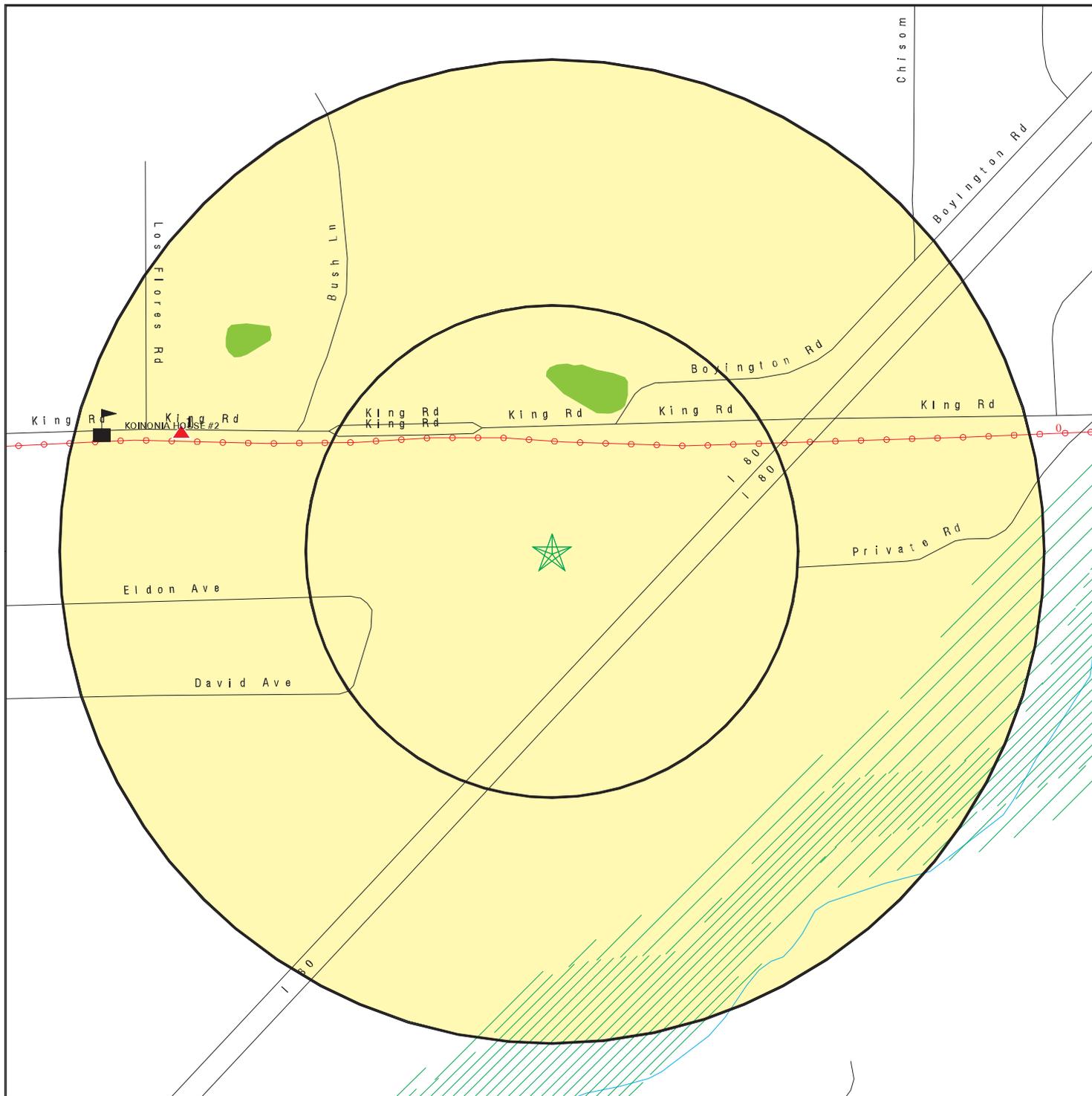


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Quong Property
 ADDRESS: King Road/Boyington Road
 Loomis CA 95650
 LAT/LONG: 38.8243 / 121.1814

CLIENT: Wallace - Kuhl & Associates
 CONTACT: Bryan C. Yates
 INQUIRY #: 3746788.2s
 DATE: October 02, 2013 5:02 pm

DETAIL MAP - 3746788.2s



- ★ 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
- ⚡ 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.

<p>SITE NAME: Quong Property ADDRESS: King Road/Boyington Road Loomis CA 95650 LAT/LONG: 38.8243 / 121.1814</p>	<p>CLIENT: Wallace - Kuhl & Associates CONTACT: Bryan C. Yates INQUIRY #: 3746788.2s DATE: October 02, 2013 5:04 pm</p>
---	--

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								
<i>Federal NPL site list</i>								
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
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	0	1	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	1	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	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
SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
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	1	NR	NR	1
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		0	1	NR	NR	NR	1
SWEEPS UST	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	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
LDS	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
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	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
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
CA PLACER CO. MS	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
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		NR	NR	NR	NR	NR	0
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
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	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
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist 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

APPENDIX D

Preliminary Screen for Vapor Encroachment Conditions Matrix



Screen for Vapor Encroachment Conditions Matrix
Quong, Le, and Johnson Property
WKA No. 9899.01

Phase I ESA Screen for Vapor Encroachment Conditions (VEC) matrix includes a (1) **Search Radius Test**, (2) **Chemicals of Concern Test (COC)**, and (3) a **Critical Distance Test**^[1].

(1) Search Radius Test: Are there any known or suspect contaminated sites in the primary area of concern within the corresponding search radii? (if yes, see attached Table A).

Yes No

If No, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If Yes, then:

(2) Chemicals of Concern^[2] **Test:** Are COC likely to be present within the area of concern for those known or suspect contaminated sites identified based on the Search Distance Test?

Yes No

If No, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If Yes, then:

If Yes, check all COC that apply on attached Table B.

(3) Critical Distance Test A plume test to determine whether or not COC in the contaminated plume(s) may be within the critical distance.

(3a) Is information related to the contaminated(s) plume available (i.e. isoconcentration maps, site drawings, etc.)?

Yes No

(3b) If **No**, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If **Yes**, then:

(3c) Is the site less than 100 feet to the nearest edge of a contaminated [non-petroleum hydrocarbon] plume(s)?

Yes No

(3d) Is the site less than 30 feet to the nearest edge of a dissolved petroleum hydrocarbon plume(s)?

Yes No

If the distance from the nearest edge of a contaminated plume to the nearest existing or planned structure on the site is less than 100 feet for non-petroleum hydrocarbon COC, or less than 30 feet for dissolved petroleum hydrocarbons, then it is presumed that a VEC *currently* exists beneath the site. If the distance from the nearest edge of the contaminated plume is greater than or equal to 100 feet for non-petroleum hydrocarbons, or 30 feet for dissolved petroleum hydrocarbon chemicals of concern, then it is presumed unlikely that a VEC *currently* exists beneath the site.

(4) Is it likely that a VEC *currently* exists beneath the site?

Yes No

If Yes, then recommend performing a full scope VEC assessment according to ASTM E 2600-10.

[1] Based on guidance presented in the ASTM E 2600-10 Standard.

[2] Chemical(s) of concern (COC): See attached table for typical chemicals of concern (as presented in Appendix X6.1 of the ASTM E 2600-10 Standard).

*Phase II Assessment
Report of Findings*

LOOMIS PARCEL 043-080-015
Vicinity of Day Avenue and Interstate 80
Loomis, Placer County, California

WKA No. 7107.03
January 14, 2009

Prepared For:

Mr. Todd Lowell
Lowell Development, Inc.
6225 South Walnut Street, Suite O
Loomis, California 95650

Prepared By:

Wallace-Kuhl & Associates, Inc.
3251 Beacon Boulevard, Suite 300
West Sacramento, California 95691

**PHASE II ASSESSMENT
REPORT OF FINDINGS
LOOMIS PARCEL 043-080-015**
Vicinity of Day Avenue and Interstate 80
Loomis, Placer County, California

This Phase II Assessment Report of Findings provides a summary of soil assessment activities including assessment methodology, results, conclusions and recommendations following a Phase II shallow soil investigation performed by Wallace-Kuhl & Associates, Inc. (WKA) at the site referred to as "Loomis Parcel 043-080-015." The site is located south of King Road at the end of Day Avenue, approximately one-quarter mile east of the central business district of Loomis, California (Figure 1). The site totals approximately 25.3 acres having Placer County Assessor's Parcel Number (APN) 043-080-015.

WALLACE-KUHL & ASSOCIATES, INC.



William Flores, P.G., R.E.M.
Senior Geologist



LOOMIS PARCEL 043-080-015

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	PREVIOUS SAMPLING	2
3.0	SUPPLEMENTAL SAMPLING	2
3.1	Sampling Methodology	2
3.2	Sampling Activities	3
3.3	Analytical Results of Supplemental Site Sampling	3
3.4	Conclusions of Combined Sampling Activities	4
4.0	STEP OUT SAMPLING	5
5.0	DATA EVALUATION	5
6.0	INVESTIGATION CONCLUSIONS	6
7.0	RECOMMENDATIONS	7
8.0	LIMITATIONS	8
9.0	REFERENCES	9

Figures

- 1 Vicinity Map
- 2 Sample Location Map
- 3 "Step-Out Sample" Detail Map

Tables

- 1 Summary of Arsenic and Lead Concentrations in Soil
- 2 Summary of Site and Background Soil CAM-17 Metals Analysis
- 3 Sample Location SS-22 Arsenic Verification/Delineation

Plates

- 1 Site Arsenic Distribution and Statistical Analysis: Non-Transformed Data
- 2 Site Arsenic Distribution and Statistical Analysis: Non-Transformed Data Without Outliers
- 3 Site Arsenic Distribution and Statistical Analysis: Transformed Data Without Outliers

Appendix

- A Analytical Laboratory Reports



**PHASE II ASSESSMENT
REPORT OF FINDINGS
LOOMIS PARCEL 043-080-015**
Vicinity of Day Avenue and Interstate 80
Loomis, Placer County, California
January 14, 2009

1.0 INTRODUCTION

The purpose of this Limited Phase II Assessment was to evaluate shallow soils at the site for the presence of persistent pesticide residuals and heavy metals associated with past agricultural practices related to a former orchard on the site. Because of identification of former orchard cultivation activities on the site, field-sampling strategy for this assessment was prepared in accordance with the California-EPA Department of Toxic Substances Control (DTSC) publication, *Interim Guidance for Sampling Agricultural Fields for School Sites* (Second Revision) (*DTSC Guidance*), dated August 26, 2002. Although the DTSC document refers to school sites, the sampling rationale and procedures presented are applicable to most residential or unrestricted land use sites requiring Phase II investigations into potential impacts from past agricultural practices.

The project workscope included collection of supplemental shallow soil samples from orchard areas and deeper soil samples, obtained below the depth of probable agricultural impact, for comparative evaluation and Human Health Risk Assessment (HHRA). One area near the western border of the former orchard yielded detected arsenic concentrations determined to be elevated above probabilistic background concentration. Verification and "step-out" delineation samples focusing on this area were therefore additionally collected for analysis as part of this assessment.

Previous limited site assessment efforts were reported in the *Phase II Environmental Site Assessment Report* dated July 3, 2007 (WKA, 2007). This report incorporates data from the earlier report and fills in data gaps identified pertaining to sample frequency and background sample analyses. This report supersedes and replaces the 2007 report.

Site assessment activities, data evaluation through a HHRA process, conclusions and recommendations are summarized in the following sections.



2.0 PREVIOUS SAMPLING

The scope of work in the May 23, 2007 investigation included collection of 15 surficial soil samples (SS-1 through SS-15) from a depth interval of surface to six or eight inches below ground surface (bgs) using hand-sampling methods from the area of the former orchards, and collection of four background soil samples (BG-1 through BG-4) from surface soil outside the area of previous orchard cultivation. Sample locations were selected in a manner as to provide relatively even spacing across the property, and to include the dripline of residual orchard trees and bottom of drainage swales.

Soil samples were submitted to Excelchem Environmental Labs (Excelchem) in Rocklin, California. Five composite samples consisting of three laboratory-combined discrete samples from adjacent sample locations were analyzed for Organochlorine Pesticides (OCPs) by EPA Method 8081A. Each discrete site and background sample was analyzed for Total Lead and Total Arsenic using EPA series methods 6010B (samples SS-1 through SS-15 and BG-1 through BG-4).

A summary of detected arsenic and lead from this event is included on Table 1. A complete copy of the laboratory analytical reports and chain-of-custody documentation from this event is included in Appendix A.

Report conclusions indicated that no OCPs were present above laboratory reporting levels in any of the shallow soil samples submitted for analysis. On the basis of an evaluation of organic and inorganic target compounds typical of sites with similar orchard history, WKA concluded that arsenic and lead were present at levels not significantly exceeding naturally occurring background conditions in the case of arsenic, and well below concentrations established as harmful to human health and the environment in the case of lead.

3.0 SUPPLEMENTAL SAMPLING

3.1 Sampling Methodology

As with the previous sampling event, in the current sampling event the surficial soil samples were collected by hand excavating to a depth of six inches below surface grade. In the second round of sampling however, four additional background samples (BG-5 through BG-8) were collected from an attempted depth of five feet below ground surface using a 3.5-inch diameter



stainless steel hand auger. The presence of shallow bedrock prevented sampling at the attempted depth. Background samples were however collected below the probable depth of agricultural impact. Sample depths are provided in Table 1.

All reusable sampling equipment was decontaminated before and after each sample with alconox and deionized water rinse. Each sample was placed in a clean 4-ounce glass jar provided by the analytical laboratory. Immediately after collection of each sample, the sample jar was sealed with a Teflon-lined cap, labeled with the sample ID, WKA project number, and date, and then placed in an ice chest containing ice for subsequent transport to an analytical laboratory. Following completion of sampling at the site, the samples were transported under Chain-of-Custody documentation to California Laboratory Services, a California Department of Health Services accredited laboratory, for analysis.

3.2 Sampling Activities

On July 9, 2008, in order to conform to DTSC Guidance for sample frequency and analyses, WKA collected 11 supplemental shallow soil samples (SS-16 through SS-26) and 4 additional background soil samples (BG-5 through BG-8). Seven of the surface samples were analyzed for arsenic only by EPA Method 7060A. Four surface samples were analyzed for the 17 California Administrative Manual Metals (CAM-17). The four background samples were also analyzed for CAM-17 metals. California Laboratory Services, a California certified analytical laboratory located in Rancho Cordova, California performed the analyses.

In this second round of sampling, soil sample SS-22 was collected as closely as possible to the location of previous sample SS-9 where the highest arsenic concentration had been detected at a concentration of 7.9 milligrams per kilogram (mg/kg). Laboratory analysis of sample SS-22 yielded another elevated arsenic concentration of 17.0 mg/kg. A focused assessment of soil in the vicinity of sample SS-22 was therefore performed later as discussed in Section 4.0 of this report.

3.3 Analytical Results of Supplemental Site Sampling

Arsenic was detected in all of the discrete samples analyzed for that parameter and in two of the four background samples analyzed. Nine of the CAM-17 metals analyzed were detected in background samples. Metals detected included: arsenic, barium cobalt, chromium, copper, lead, nickel, vanadium, and zinc.



A summary of detected arsenic is included on Table 1. A summary of CAM-17 Metals analysis is included in Table 2. A complete copy of the laboratory analytical reports and chain-of-custody documentation is included in Appendix A.

3.4 Conclusions of Combined Sampling Activities

Organochlorine pesticides were not detected above method reporting levels in any sample and were consequently eliminated for further consideration as chemicals of potential concern (COPCs) following the May 23, 2007 sampling event. CAM-17 metals were assessed in the supplemental sampling event, and were evaluated further.

Analytical results for detected metals concentrations were first evaluated by comparison to regulatory agency screening levels and/or background concentrations to determine potential risk levels associated with the detected levels of heavy metals in shallow site soils. California Human Health Screening Levels (CHHSLs) for residential land use, established by the California Department of Health were used as the regulatory agency screening levels for COPCs. Screening values for both residential CHHSLs and background concentrations are shown under the analytical results on Table 2.

With the exception of arsenic, all inorganic compounds detected in site soil were eliminated as COPCs by their absence (not detectable above method reporting limit), or by comparison of detected concentrations against their respective CHHSL or maximum background concentration.

Arsenic was detected in 21 of the 26 shallow soil surface samples at concentrations ranging from 1.2 to 17 mg/kg. Background soil samples yielded arsenic concentrations in four of the eight samples ranging from 1.7 mg/kg to 3.2 mg/kg. The detected concentration of arsenic in several site samples exceeded both the CHHSL and directly observed arsenic background concentration, necessitating further evaluation.

Site arsenic exceeded the maximum background concentration of 3.2 mg/kg in only five of the 26 site samples. An inspection of the statistical distribution of arsenic data from the site indicated that the 7.9 and 17 mg/kg concentrations detected in co-located soil samples SS-9 and SS-22, respectively, are apparent data outliers (Plate 1), with the remaining concentrations lying in the probabilistic range of naturally-occurring background arsenic. Analyse-it for Microsoft Excel (Analyse-it, 2008) was used to create graphical Plates 1 through 3 of this report. The methodology for determination of probabilistic background is discussed in detail in Section 5.0 of this report.



Additional focused sampling was subsequently conducted to determine whether the location of these outliers were indicative of a “hot spot” (area with significant anthropogenic soil contamination) or simply anomalous concentrations representing no significant extent or quantity of impacted soil.

4.0 STEP OUT SAMPLING

On December 4, 2008 additional step-out samples were collected in the vicinity of sample location SS-9/SS-22 to evaluate adjacent soil for occurrence and distribution of arsenic. Figure 4 shows the location of step-out samples relative to the original SS-9/SS-22 location. One sample, SS-22' was collected as a verification sample within one foot of the original samples. Sample SS-22b was collected below original sample SS-22 at a depth interval of 12- to 18-inches bgs. Four step-out samples were collected at a distance of 5-feet from sample SS-22 in the four cardinal directions. Contingency step-out samples were also collected as shown on Figure 4 for possible extended delineation efforts.

Soil samples were analyzed by Excelchem using EPA Method 6010B. The contingency step-out samples collected were held by the analytical laboratory for potential future analysis. These samples were discarded following analysis of the verification and first tier step-out samples.

Arsenic was not detected above the laboratory method reporting limit in any of the step-out samples analyzed, or in the verification sample (SS-22') collected. A summary of these analytical results is included in Table 3. A complete copy of the laboratory analytical reports and chain-of-custody documentation is included in Appendix A.

5.0 DATA EVALUATION

Detected site arsenic concentrations from both the initial and step-out sampling ranged from below method reporting limits to a maximum 17 mg/kg, exceeding in several samples both the arsenic CHHSL and the maximum arsenic background concentration obtained via direct sampling. Corresponding CHHSL and maximum background concentrations are 0.07 mg/kg and 1.8 mg/kg respectively. Arsenic was consequently evaluated further by a statistical method used to determine whether surface arsenic concentrations identified are likely to lie within a predictable range of background population, or whether they are in fact anthropogenic contaminants belonging to a separate statistical population.



The approach used in this evaluation is outlined in the DTSC Schools Unit document titled, *Arsenic Strategies: Determination of Arsenic Remediation and Development of Arsenic Cleanup Goals for Proposed and Existing School Sites* (DTSC, 2007). The procedure uses graphical and statistical methods of evaluation. The first step involves development of graphical representations of the site arsenic data set and visual inspection of the distribution curves.

Normality plots were developed using both raw and log transformed arsenic data from Table 1 as shown in Plates 2 and 3 of this report. Both site and background sample results are used in the data set in accordance with the 2007 DTSC guidance document. As recommended in the 2007 DTSC guidance document, values determined to be outliers (7.9 mg/kg and 17 mg/kg) were not used to establish these normality plots, since verification sampling at the SS-9/SS-22 location demonstrated the relative insignificance of those values.

Plates 2 and 3 show arsenic concentration plotted as a function of the expected value for a normal and log transformed distribution respectively. The resultant curves represent the distribution of the data set.

A visual inspection of both the non-transformed and log-transformed graphs confirms the presence of a single statistical population within the limits of detected arsenic. The general data population trends shown do not indicate a bi-modal curve by which an argument for a separate, non-ambient, arsenic population is supported. These data then support the argument that the higher detected arsenic concentrations simply represent the upper limit of concentrations one could expect to find within site background conditions.

6.0 INVESTIGATION CONCLUSIONS

The result of verification sample SS-22' and step-out samples suggests that previous soil samples SS-9 and SS-22 were concentration anomalies without significant extent or quantity. Site data evaluation based on graphical and statistical methods supports the argument that surficial on-site arsenic concentration levels conform to a single statistical population suggestive of background concentration typical of the area.

Additional considerations for a determination of whether further investigation or remedial action is warranted for the subject property should be informed by the fact that the 95% upper confidence level (UCL) of the mean (including outliers) is 4.2 mg/kg (Plate 4)(Singh, 2007), and that detected site arsenic concentrations are predominately within the lower-to-middle range of



arsenic background concentrations established as typical of many California soils. For example, in an extensive study of background concentrations of trace elements throughout California, Bradford et al. (1996) reported a range of naturally occurring arsenic concentrations of 0.59 to 11 mg/kg. In addition, California Department of Toxic Substance Control (DTSC) toxicologists developed a regional background arsenic upper limit of 11.3 mg/kg for the Los Angeles area (Bosan et al., 2002). Finally, the DTSC Schools Division is currently employing a concentration of 12 mg/kg as a screening level risk management threshold (personal communications with Dr. Jimmy Spearow, DTSC Human and Ecological Risk Division). Detected site arsenic concentrations are well within the range of these numerical limits.

7.0 RECOMMENDATIONS

It is our recommendation that the assessment data acquired for this Phase II Assessment is considered sufficient and complete. In light of the results of the data evaluation, WKA suggests that no further action is warranted for this site.



8.0 LIMITATIONS

The above conclusions and recommendations are based on the results of a sampling and testing program completed by WKA involving soil sampling conducted on the subject property. We have obtained as much information regarding the property as possible based upon the workscope described above. Our work was performed using a degree of skill consistent with that of competent environmental consulting firms performing similar work in the area. Additional research, testing, regulatory agency input or receipt of information regarding the property that was not disclosed or available to us during our sampling and testing work could result in revision of our conclusions.



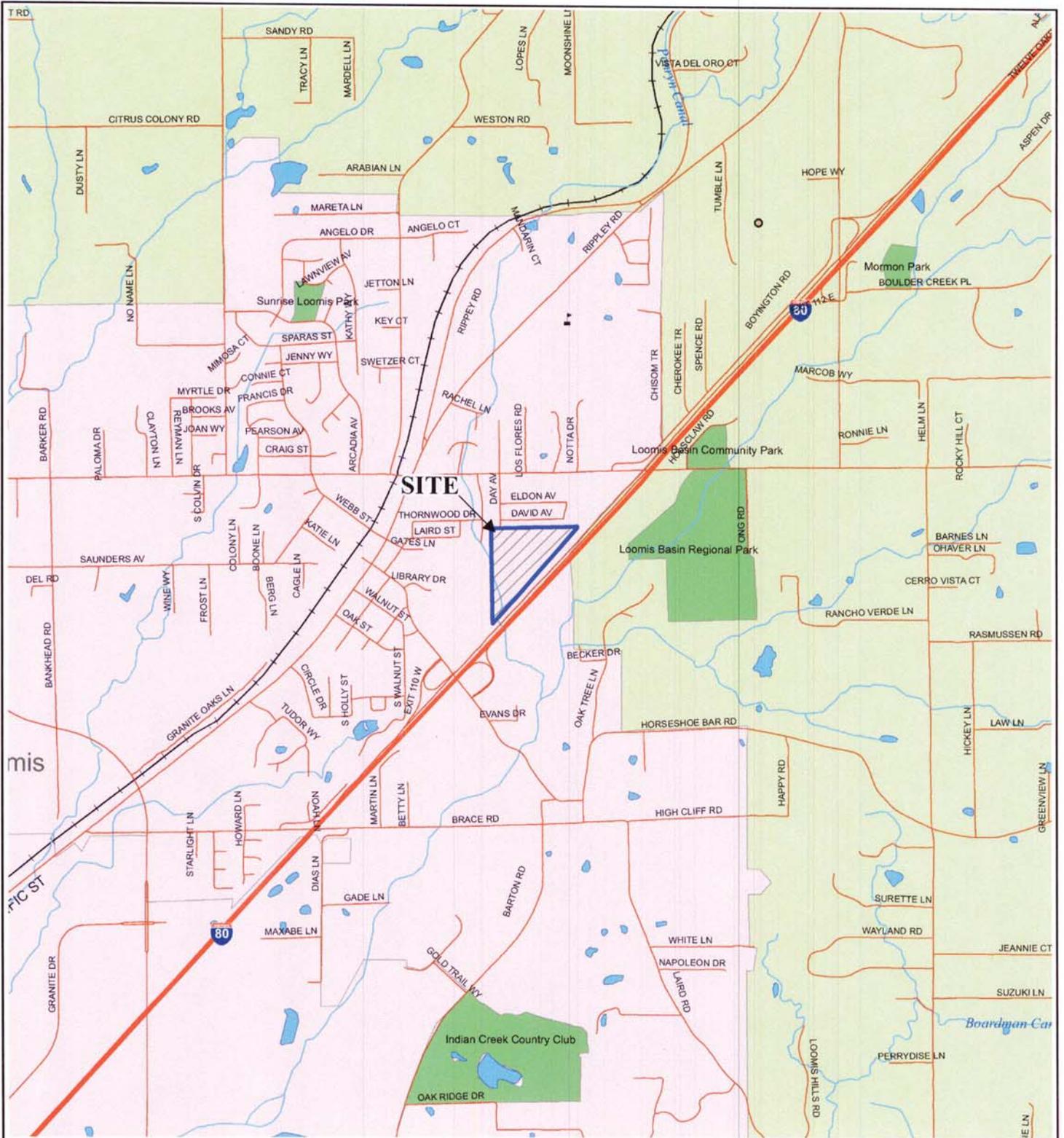
9.0 REFERENCES

- Analyse-it for Microsoft Excel (version 2.11). Analyse-it Software, Ltd. <http://www.analyse-it.com/>;2008.
- Bradford, G.R., Chang, A. C., Page, A.L., Bakhtar, D., Frampton, J.A. and H. Wright. 1996. *Background Concentrations of Trace and Major Elements in California Soils*. Kearney Foundation Special Report, UC-Riverside and California Environmental Protection Agency, Department of Toxic Substances Control.
- Bosan, W., Chernoff, G., Christopher, J., Rawat, M. and D. Oudiz. 2002. *Evaluation of arsenic as a chemical of potential concern at proposed school sites in the Los Angeles area*. (Abstract presented at the 2002 Society of Toxicology Annual Meeting).
- California Department of Toxic Substances Control (DTSC). 2002. *Interim Guidance for Sampling Agricultural Fields for School Sites* (2nd Revision). August 26.
- DTSC. 2007. *Arsenic Strategies: Determination of Arsenic Remediation and Development of Arsenic Cleanup Goals for Proposed and Existing School Sites.* March 21.
- Singh, A., R. Maichle, and J. M. Nocerino. ProUCL 4.0 Software. U.S. Environmental Protection Agency, Washington, DC, EPA/600/C-07/007.
- Wallace-Kuhl & Associates, Inc. 2006. *Phase I Environmental Site Assessment for the Loomis Parcel 043-080-015*. May.
- Wallace-Kuhl & Associates, Inc. 2007. *Phase II Environmental Site Assessment Report for the Loomis Parcel 043-080-015*. July.

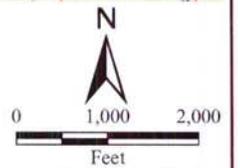


FIGURES





Adapted from data provided by the Sacramento Area Council of Governments, 2007
 Projection: NAD 83, California State Plane, Zone II



VICINITY MAP
LOOMIS PARCEL 043-080-015
 Loomis, California

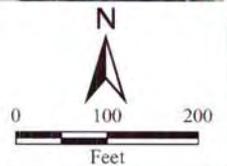
FIGURE 1	
DRAWN BY	TJC
CHECKED BY	WMF
PROJECT MGR	WMF
DATE	1/09
WKA NO. 7107.03	



Aerial imagery courtesy of ESRI ArcGIS Online, 2008.
 Projection: NAD 83, California State Plane, Zone II

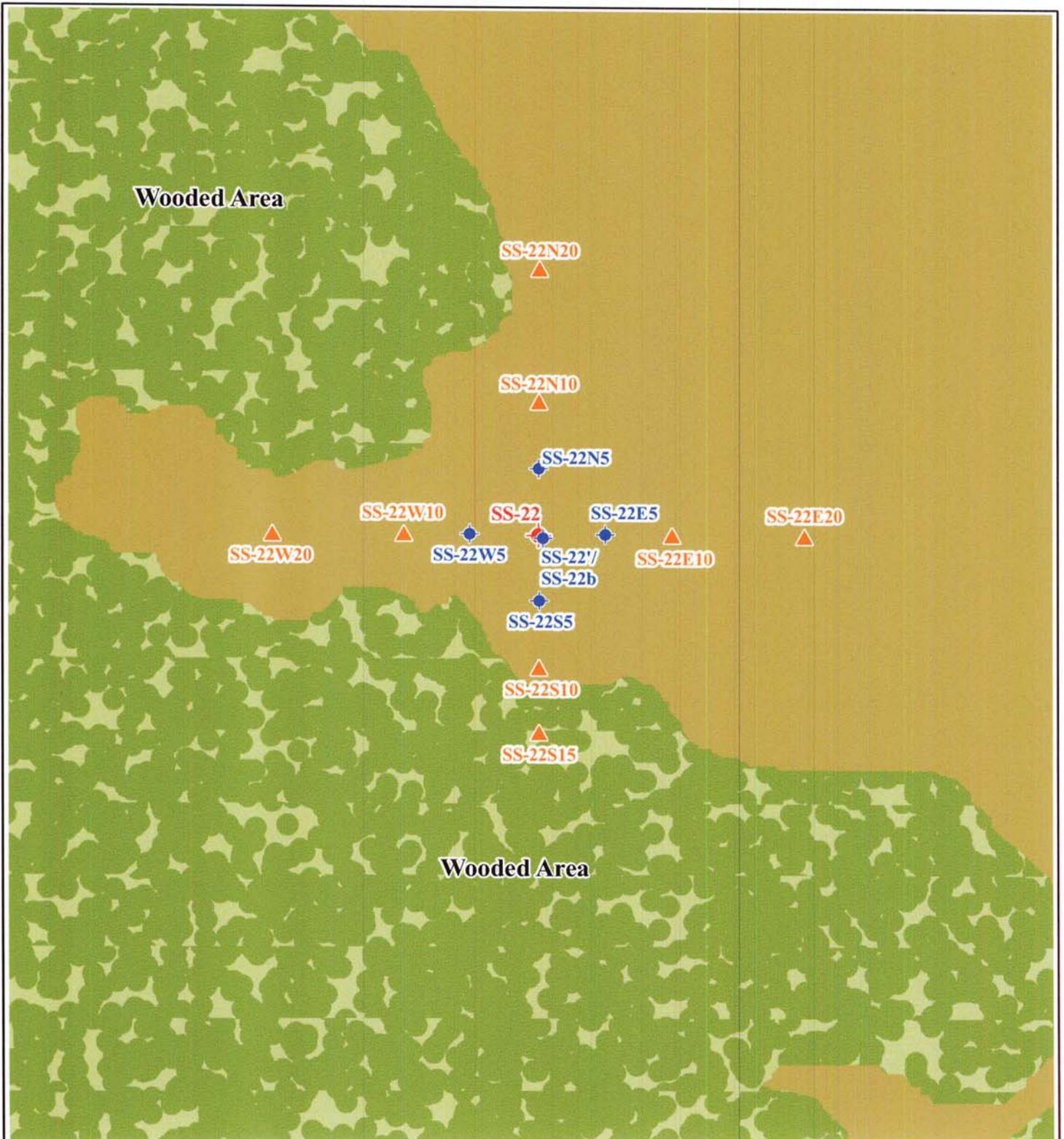
Legend

-  Approximate background sample location
-  Approximate soil sample location (5/23/07)
-  Soil sample location (7/9/08)



SAMPLE LOCATION MAP
 LOOMIS PARCEL 043-080-015
 Loomis, California

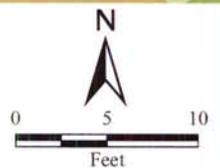
FIGURE 2	
DRAWN BY	TJC
CHECKED BY	WMF
PROJECT MGR	WMF
DATE	1/09
WKA NO. 7107.03	



Adapted from aerial imagery courtesy of ESRI ArcGIS Online, 2008.
 Projection: NAD 83, California State Plane, Zone II

Legend

- ◆ Soil sample location (7/9/08)
- ◆ Soil sample location
- ▲ Contingency sample location



"STEP-OUT SAMPLE" DETAIL MAP

LOOMIS PARCEL 043-080-015

Loomis, California

FIGURE 3

DRAWN BY	TJC
CHECKED BY	WMF
PROJECT MGR	WMF
DATE	1/09

WKA NO. 7107.03

TABLES



TABLE 1
SUMMARY OF
ARSENIC AND LEAD CONCENTRATIONS IN SOIL

LOOMIS PARCEL 043-080-015

Results given in milligrams per kilogram (mg/kg)

Sample/ Location ID	Sample Date	Depth Interval ¹	Arsenic	Arsenic EPA Method	Lead EPA Method 6010B
SS-1	5/23/07	0 - 6 inches	3.0	6010B	15.5
SS-2	5/23/07	0 - 6 inches	1.8	6010B	10.2
SS-3	5/23/07	0 - 6 inches	2.1	6010B	8.8
SS-4	5/23/07	0 - 6 inches	<1.0	6010B	9.3
SS-5	5/23/07	0 - 6 inches	<1.0	6010B	<1.0
SS-6	5/23/07	0 - 6 inches	2.0	6010B	21.6
SS-7	5/23/07	0 - 6 inches	2.9	6010B	23.3
SS-8	5/23/07	0 - 6 inches	2.6	6010B	21.4
SS-9	5/23/07	0 - 6 inches	7.9	6010B	36.5
SS-10	5/23/07	0 - 6 inches	<1.0	6010B	16.6
SS-11	5/23/07	0 - 6 inches	1.4	6010B	23.1
SS-12	5/23/07	0 - 6 inches	<1.0	6010B	16.0
SS-13	5/23/07	0 - 6 inches	1.6	6010B	23.1
SS-14	5/23/07	0 - 6 inches	<1.0	6010B	<1.0
SS-15	5/23/07	0 - 6 inches	2.4	6010B	28.9
SS-16*	7/9/08	0 - 6 inches	3.7	7060A	9.2
SS-17*	7/9/08	0 - 6 inches	2.6	7060A	5.5
SS-18	7/9/08	0 - 6 inches	2.0	7060A	na
SS-19	7/9/08	0 - 6 inches	1.9	7060A	na
SS-20	7/9/08	0 - 6 inches	2.9	7060A	na
SS-21*	7/9/08	0 - 6 inches	5.1	7060A	11.0
SS-22	7/9/08	0 - 6 inches	17.0	7060A	na
SS-23	7/9/08	0 - 6 inches	4.0	7060A	na
SS-24*	7/9/08	0 - 6 inches	1.7	7060A	4.7
SS-26 ²	7/9/08	0 - 6 inches	1.2	7060A	na
SS-25	7/9/08	0 - 6 inches	3.2	7060A	na
BG-1	5/23/07	0 - 6 inches	<1.0	6010B	1.7
BG-2	5/23/07	0 - 6 inches	1.7	6010B	3.8
BG-3	5/23/07	0 - 6 inches	3.2	6010B	2.9
BG-4	5/23/07	0 - 6 inches	<1.0	6010B	1.8
BG-5*	7/9/08	2 - 2.5 feet	<1.0	7060A	<2.5
BG-6*	7/9/08	4 - 4.5 feet	2.1	7060A	<2.5
BG-7*	7/9/08	3.5 - 4 feet	2.1	7060A	<2.5
BG-8*	7/9/08	2 - 2.5 feet	<1.0	7060A	<2.5
CHHSL**			0.07		150

Notes:

milligrams per kilogram = parts per million

< = less than the laboratory reporting limit

na = not analyzed for this parameter

BG = background sample

¹Nominally 6 inches. Actual depths varied to 8" in places due to presence of plowed soil.

²SS-26 is a duplicate sample of SS-24

* Results obtained from CAM-17 analysis (see Table 2)

** California Human Health Screening Levels in soil for residential land use as presented in "Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties," California Environmental Protection Agency, January 2005

Table 2
SUMMARY OF SITE AND BACKGROUND SOIL
CAM-17 METALS ANALYSIS
LOOMIS PARCEL 043-080-015
 Results given in milligrams per kilogram (mg/kg)

Sample ID (Depth)	Metals (mg/kg)								
	Arsenic	Barium	Cobalt	Chromium	Copper	Lead	Nickel	Vanadium	Zinc
Site Surface									
SS-16	3.7	86	7.7	26	34	9.2	14	35	28
SS-17	2.6	72	6.4	24	23	5.5	13	28	22
SS-21	5.1	58	5.6	17	12	11.0	8.1	25	14
SS-24	1.7	85	7.8	28	31	4.7	15	36	26
Background Samples									
BG-5	<1.0	60	5.8	29	16	<2.5	14	36	21
BG-6	2.1	66	7.0	36	19	<2.5	18	37	24
BG-7	2.1	52	8.8	30	31	<2.5	16	45	55
BG-8	<1.0	56	7.3	22	11	<2.5	10	34	16
CHHSL	0.070	5,200	660	100,000	3,100	150	1,600	530	23,000

Notes:

Samples collected 6/6/08

mg/kg = milligram per kilogram

This table presents only those compounds detected above the reporting limit for that compound

Detected concentrations are bolded

<2.5 = less than method reporting limit shown

CHHSL - California Human Health Screening Level for Residential Land Use (DTSC, 2005)

TABLE 3
Sample Location SS-22 Arsenic
Verification/Delineation
 LOOMIS PARCEL 043-080-015

Results given in milligrams per kilogram (mg/kg)

Sample/ Location ID	Sample Date	Depth Interval ¹	Arsenic EPA Method 6010B
SS-22	7/9/08	0 - 6 inches	17.0
SS-22'	12/4/08	0 - 6 inches	<1.0
SS-22b	12/4/08	12-18 inches	<1.0
SS-22N5	12/4/08	0 - 6 inches	<1.0
SS-22E5	12/4/08	0 - 6 inches	<1.0
SS-22S5	12/4/08	0 - 6 inches	<1.0
SS-22W5	12/4/08	0 - 6 inches	<1.0
CHHSL*			0.07

Notes:

< = less than the laboratory reporting limit

BG = background sample (subsurface soil)

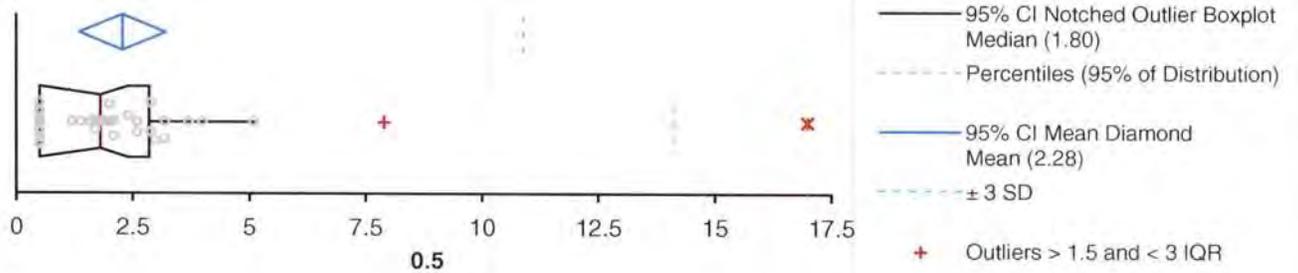
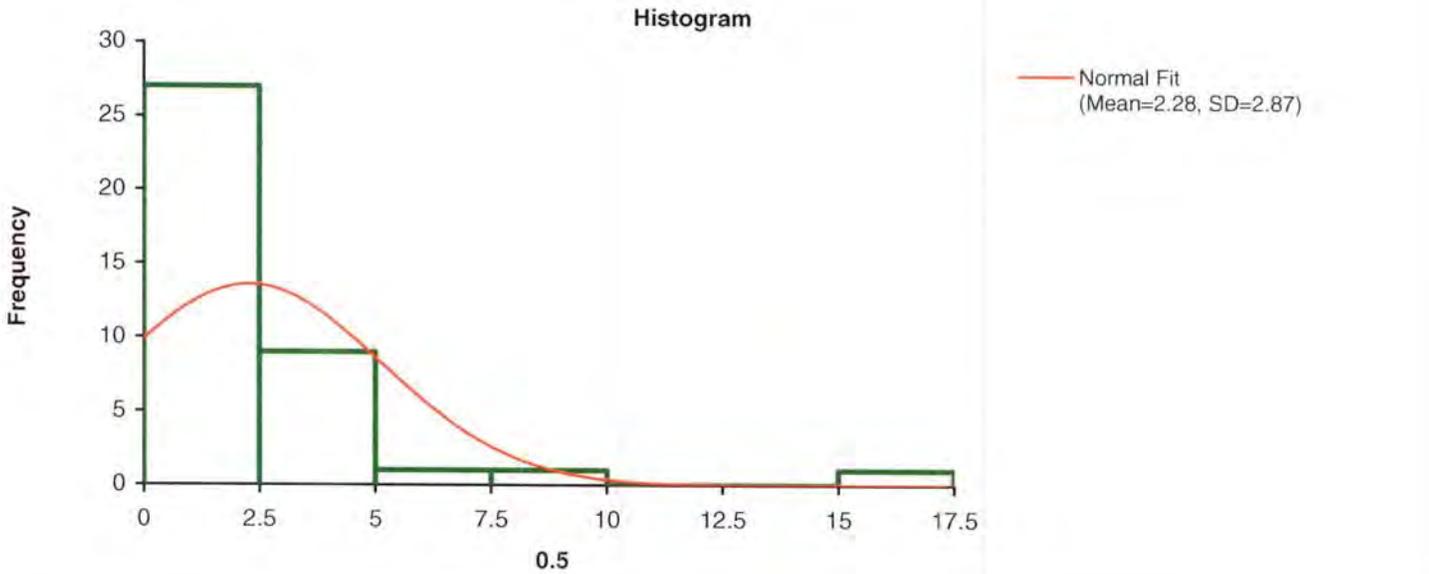
* California Human Health Screening Levels in soil for residential land use as presented in "Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties," California

PLATES



Plate 1

Site Arsenic Distribution and Statistical Analysis
 LOOMIS PARCEL 043-080-015
 Non-Transformed Data



n	39		
Mean	2.28	Median	1.80
95% CI	1.36 to 3.21	97.6% CI	0.50 to 2.40
SE	0.459		
Variance	8.22	Range	16.5
SD	2.87	IQR	2.35
95% CI	2.34 to 3.70		
CV	125.5%	Percentile	
Skewness	3.90	0th	0.50 (minimum)
Kurtosis	18.68	2.5th	0.50
		25th	0.50 (1st quartile)
		50th	1.80 (median)
		75th	2.85 (3rd quartile)
		97.5th	14.12
Shapiro-Wilk W	0.57	100th	17.00 (maximum)
p	<0.0001		

Plate 1

Site Arsenic Distribution and Statistical Analysis
LOOMIS PARCEL 043-080-015
Non-Transformed Data

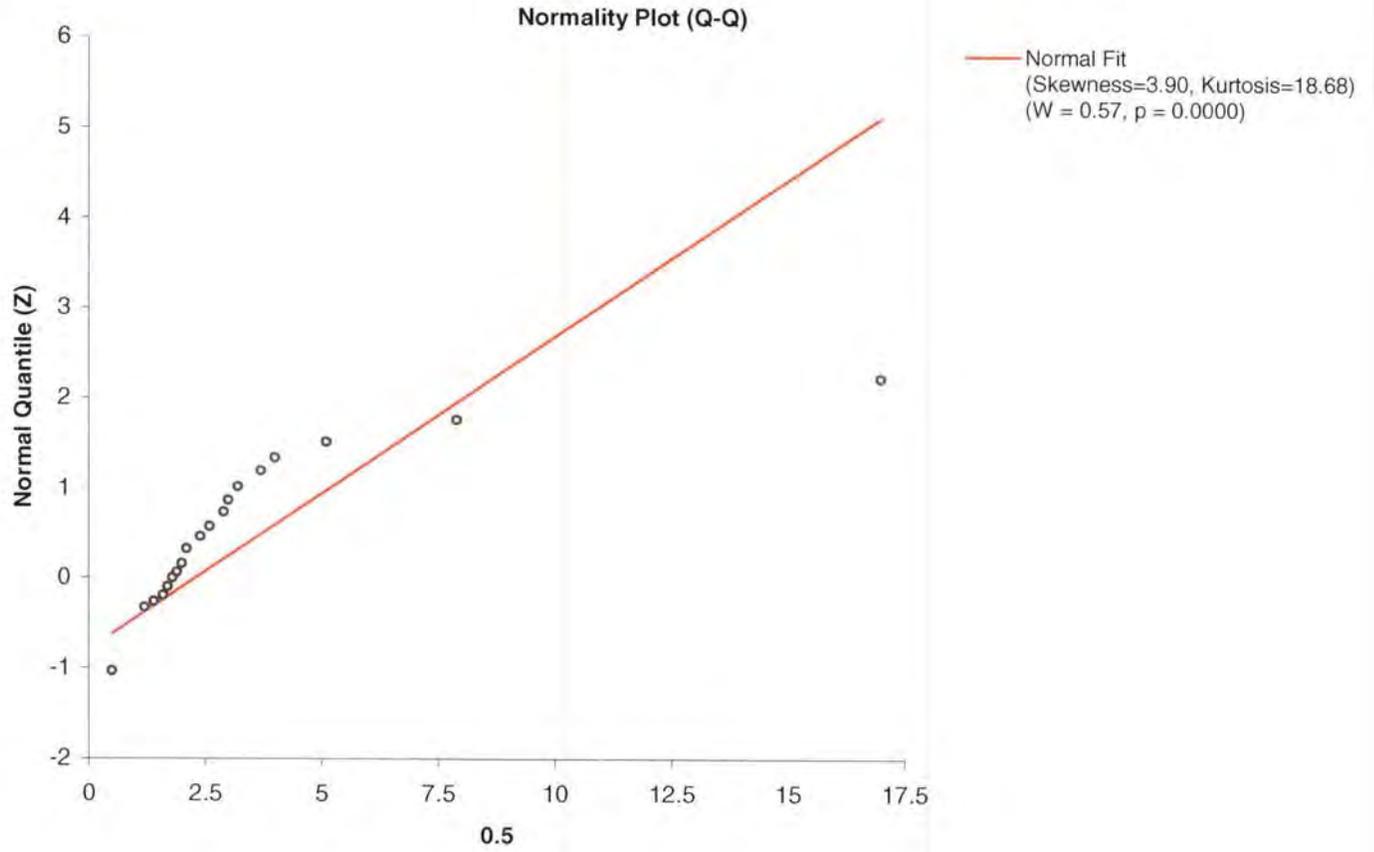
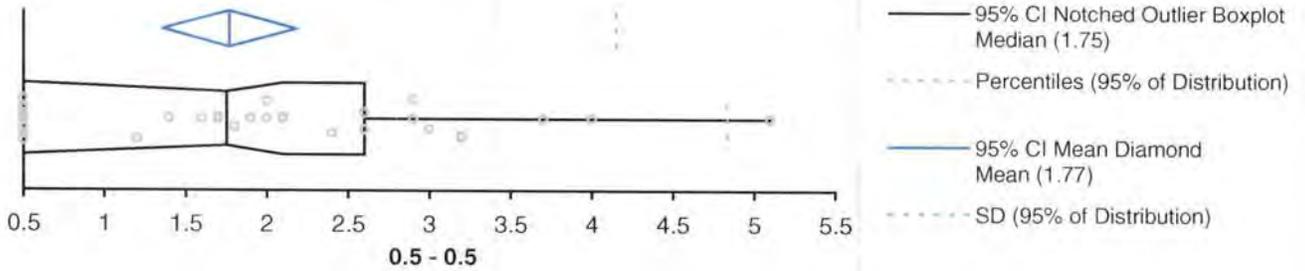
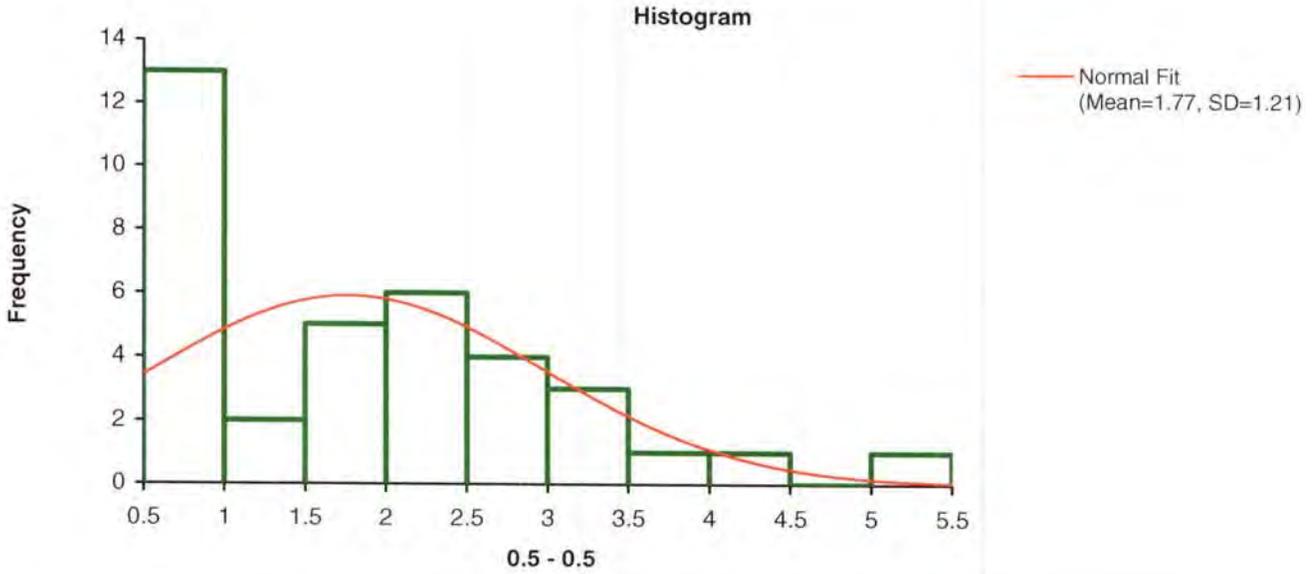


Plate 2

Site Arsenic Distribution and Statistical Analysis
 LOOMIS PARCEL 043-080-015
 Non-Transformed Data
 Without Outliers



n	36	Median	1.75
Mean	1.77	97.1% CI	0.50 to 2.10
95% CI	1.36 to 2.18	Range	4.6
SE	0.202	IQR	2.10
Variance	1.48	Percentile	
SD	1.21	0th	0.50 (minimum)
95% CI	0.99 to 1.58	2.5th	0.50
CV	68.6%	25th	0.50 (1st quartile)
Skewness	0.68	50th	1.75 (median)
Kurtosis	0.01	75th	2.60 (3rd quartile)
Shapiro-Wilk W	0.89	97.5th	4.83
p	0.002	100th	5.10 (maximum)

Plate 2

Site Arsenic Distribution and Statistical Analysis
LOOMIS PARCEL 043-080-015
Non-Transformed Data
Without Outliers

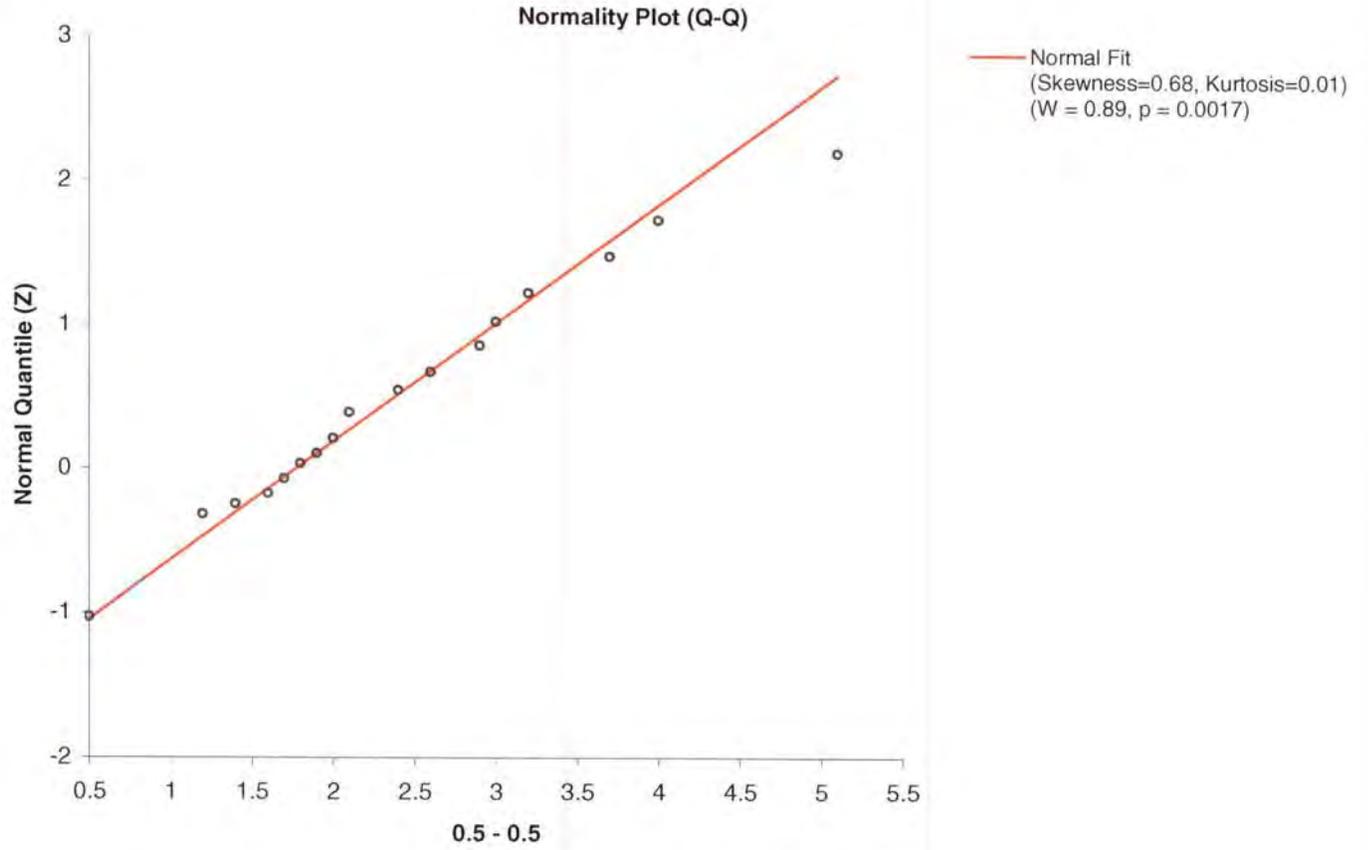
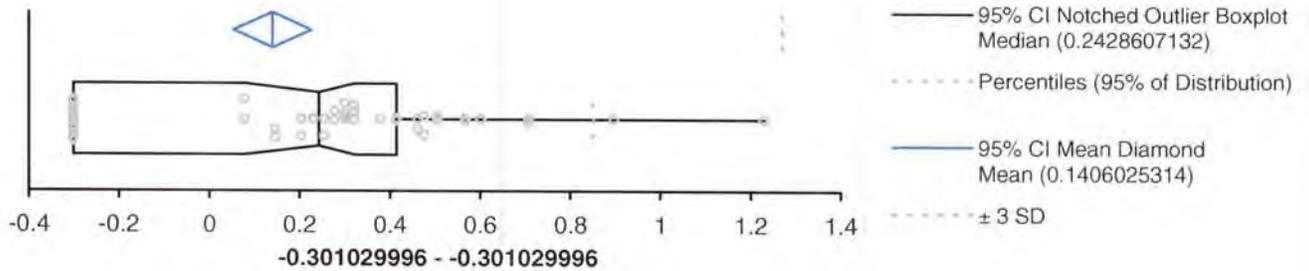
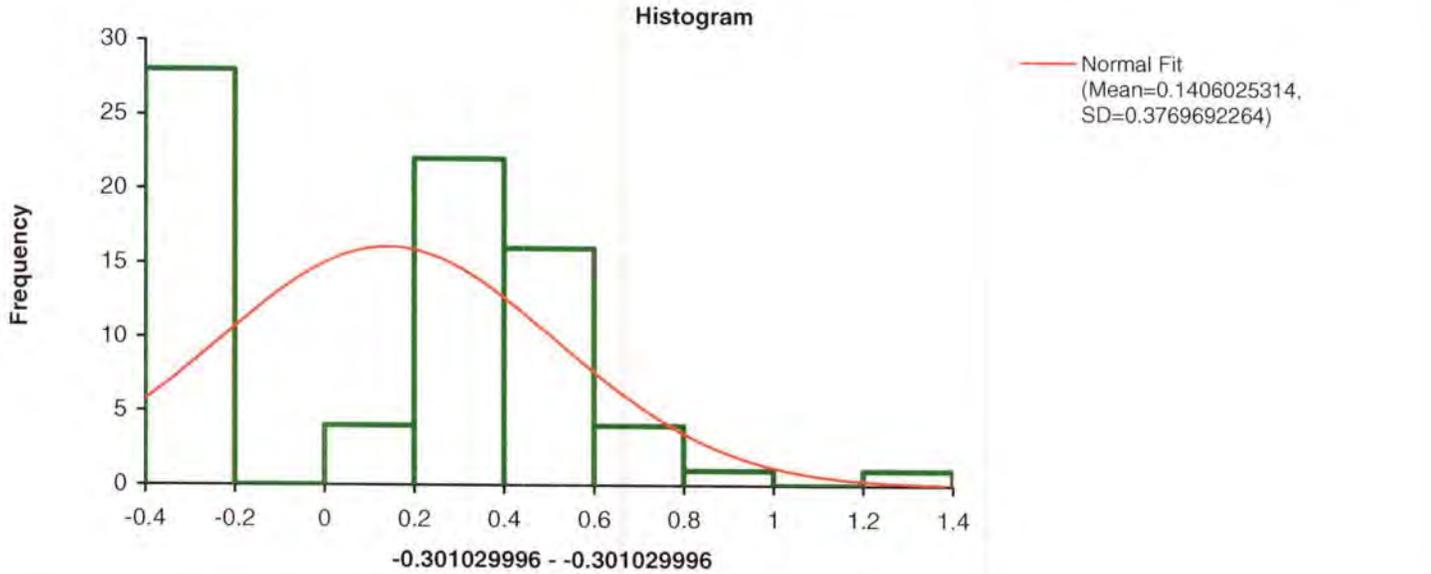


Plate 3

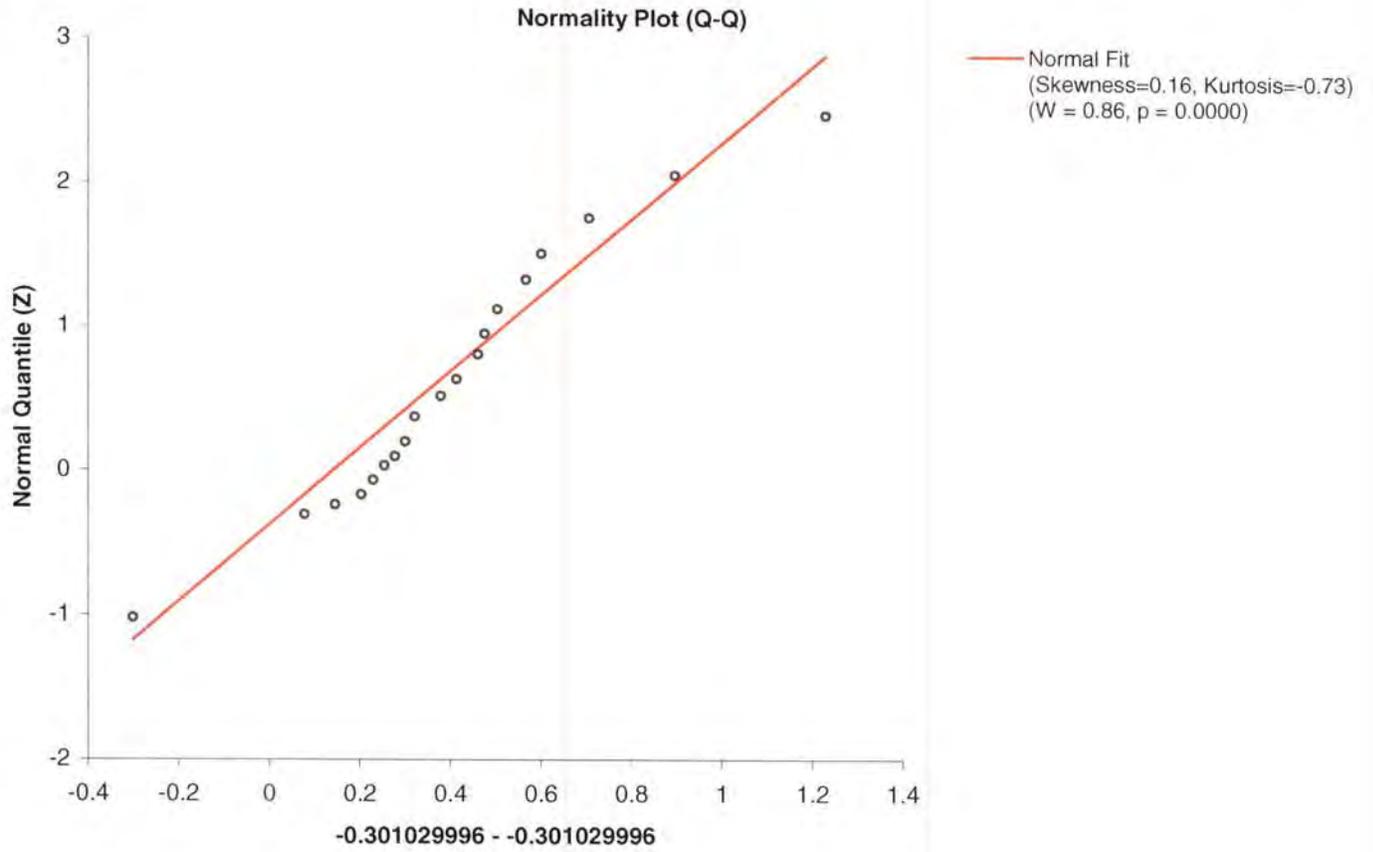
Site Arsenic Distribution and Statistical Analysis
 LOOMIS PARCEL 043-080-015
 Transformed Data
 Without Outliers



n	76 (cases excluded: 1 due to missing values)		
Mean	0.1406025314	Median	0.2428607132
95% CI	0.0544613813 0.226744	97.1% CI	0.0791812460 0.322219
SE	0.043241		
Variance	0.1421057977	Range	1.531478917
SD	0.3769692264	IQR	0.7160033436
95% CI	0.3251034229 0.448680		
CV	268.1%	Percentile	
Skewness	0.16	0th	-0.3010299957 (minimum)
Kurtosis	-0.73	2.5th	-0.3010299957
Shapiro-Wilk W	0.86	25th	-0.3010299957 (1st quartile)
p	<0.0001	50th	0.2428607132 (median)
		75th	0.4149733480 (3rd quartile)
		97.5th	0.8516966701
		100th	1.2304489214 (maximum)

Plate 3

Site Arsenic Distribution and Statistical Analysis
LOOMIS PARCEL 043-080-015
Transformed Data
Without Outliers



APPENDIX A

**LABORATORY CHAINS-OF-CUSTODY
AND LABORATORY QA/QC DATA**



EXCELCHEM
Environmental Labs

1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445
Fax# 916-543-4449



ELAP Certificate No. : 2119

12 December 2008

Bill Flores

Wallace Kuhl and Associates - Sacramento

3251 Beacon Blvd. Suite 200

West Sacramento, CA 95691

RE: Loomis Parcel

Workorder number:0812043

Enclosed are the results of analyses for samples received by the laboratory on 12/04/08 11:18. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

John Somers, Lab Director

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento 3251 Beacon Blvd, Suite 200 West Sacramento, CA 95691	Project: Project Number: Project Manager:	Loomis Parcel 7107.03 Bill Flores	Date Reported: 12/12/08 15:10
--	---	---	----------------------------------

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-22	0812043-01	Soil	12/04/08 10:25	12/04/08 11:18
SS-22b	0812043-02	Soil	12/04/08 10:27	12/04/08 11:18
SS-22N5	0812043-03	Soil	12/04/08 09:50	12/04/08 11:18
SS-22S5	0812043-06	Soil	12/04/08 09:40	12/04/08 11:18
SS-22E5	0812043-09	Soil	12/04/08 10:11	12/04/08 11:18
SS-22W5	0812043-12	Soil	12/04/08 10:18	12/04/08 11:18

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento
3251 Beacon Blvd. Suite 200
West Sacramento, CA 95691

Project: Loomis Parcel
Project Number: 7107.03
Project Manager: Bill Flores

Date Reported:
12/12/08 15:10

SS-22
0812043-01 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	ARL0097	12/11/08	12/12/08	EPA 6010B	
---------	----	-----	-------	---------	----------	----------	-----------	--

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento 3251 Beacon Blvd. Suite 200 West Sacramento, CA 95691	Project: Project Number: Project Manager:	Loomis Parcel 7107.03 Bill Flores	Date Reported: 12/12/08 15:10
--	---	---	----------------------------------

SS-22b
0812043-02 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
METALS BY 6000/7000 SERIES								
Arsenic	ND	1.0	mg/kg	ARL0097	12/11/08	12/12/08	EPA 6010B	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento
3251 Beacon Blvd. Suite 200
West Sacramento, CA 95691

Project: Loomis Parcel
Project Number: 7107.03
Project Manager: Bill Flores

Date Reported:
12/12/08 15:10

SS-22N5
0812043-03 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	ARL0097	12/11/08	12/12/08	EPA 6010B	
---------	----	-----	-------	---------	----------	----------	-----------	--

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento
3251 Beacon Blvd, Suite 200
West Sacramento, CA 95691

Project: Loomis Parcel
Project Number: 7107.03
Project Manager: Bill Flores

Date Reported:
12/12/08 15:10

SS-22S5
0812043-06 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	ARL0097	12/11/08	12/12/08	EPA 6010B	
---------	----	-----	-------	---------	----------	----------	-----------	--

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento
3251 Beacon Blvd. Suite 200
West Sacramento, CA 95691

Project: Loomis Parcel
Project Number: 7107.03
Project Manager: Bill Flores

Date Reported:
12/12/08 15:10

SS-22E5
0812043-09 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	ARL0097	12/11/08	12/12/08	EPA 6010B	
---------	----	-----	-------	---------	----------	----------	-----------	--

Excelchem Environmental Lab

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento 3251 Beacon Blvd. Suite 200 West Sacramento, CA 95691	Project: Project Number: Project Manager:	Loomis Parcel 7107.03 Bill Flores	Date Reported: 12/12/08 15:10
--	---	---	----------------------------------

SS-22W5
0812043-12 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	ARL0097	12/11/08	12/12/08	EPA 6010B	
---------	----	-----	-------	---------	----------	----------	-----------	--

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento 3251 Beacon Blvd. Suite 200 West Sacramento, CA 95691	Project: Project Number: Project Manager:	Loomis Parcel 7107.03 Bill Flores	Date Reported: 12/12/08 15:10
--	---	---	----------------------------------

METALS BY 6000/7000 SERIES - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ARL0097 - EPA 6010B										
Blank (ARL0097-BLK1)				Prepared: 12/11/08 Analyzed: 12/12/08						
Arsenic	ND	1.0	mg/kg							
LCS (ARL0097-BS1)				Prepared: 12/11/08 Analyzed: 12/12/08						
Arsenic	98.6	1.0	mg/kg	100		98.6	75-125			
LCS Dup (ARL0097-BSD1)				Prepared: 12/11/08 Analyzed: 12/12/08						
Arsenic	95.4	1.0	mg/kg	100		95.4	75-125	3.25	25	
Matrix Spike (ARL0097-MS1)				Prepared: 12/11/08 Analyzed: 12/12/08						
Arsenic	77.0	1.0	mg/kg	100	ND	77.0	75-125			
Matrix Spike Dup (ARL0097-MSD1)				Prepared: 12/11/08 Analyzed: 12/12/08						
Arsenic	78.7	1.0	mg/kg	100	ND	78.7	75-125	2.15	25	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento
3251 Beacon Blvd. Suite 200
West Sacramento, CA 95691

Project: Loomis Parcel
Project Number: 7107.03
Project Manager: Bill Flores

Date Reported:
12/12/08 15:10

Notes and Definitions

ND - Analyte not detected at reporting limit.

NR - Not reported

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento
 3251 Beacon Blvd. Suite 200
 West Sacramento, CA 95691

Project: Loomis Parcel
 Project Number: 7107.03
 Project Manager: Bill Flores

Date Reported: 12/12/08 15:10

Excelchem Environmental Labs		1175 W. Sunset Blvd. Unit A Pasadena, CA 91766 PH 916.545-4445 FX 916.545-4449		Project #		916-372-1434	
Project Manager		Bill Flores		Client		Wallace Kuhl and Associates	
Project Address		Loomis, CA		Project Name		Loomis Parcel	
Project Location		Loomis, CA		Sample Signature		Dennis R. B. [Signature]	
Sample ID	Date	Time	Container	Method Preserved	Matrix	Requested TAT	
						Normal	Expedited
SS-22	12/12/08	10:05	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	10:22	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:00	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:01	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:02	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:03	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:04	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:05	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:06	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:07	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:08	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:09	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:10	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:11	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:12	GLUEP	X	WASTE	12/17/08	12/17/08
SS-22	12/12/08	09:13	GLUEP	X	WASTE	12/17/08	12/17/08

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Sacramento
3251 Beacon Blvd. Suite 200
West Sacramento, CA 95691

Project: Loomis Parcel
Project Number: 7107.03
Project Manager: Bill Flores

Date Reported:
12/12/08 15:10

--

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

July 17, 2008

CLS Work Order #: CRG0352

COC #: 95238, 39

Janine Brinkman
Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project Name: Loomis Parcel 043-080-015

Enclosed are the results of analyses for samples received by the laboratory on 07/10/08 13:50. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: CRG0352 LOG NO. 95238 1 of 2

REPORT TO: NAME AND ADDRESS Wallace Kuhl Associates 500 Menlo Drive Ste 100 Rocklin CA 95765 PROJECT MANAGER Janine Brinkman 435-9722 PROJECT NAME Loomis Parcel 043-080-015 SAMPLED BY JMB/TKB JOB DESCRIPTION Orchard background samples		CLIENT JOB NUMBER 7107.03 DESTINATION LABORATORY <input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA 95742 <input type="checkbox"/> OTHER		ANALYSIS REQUESTED Total Arsenic 5/17/08 L1 7/17/08 M1		GEOTRACKER: EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO GLOBAL ID: COMPOSITE: FIELD CONDITIONS:										
SITE LOCATION: 3044 N. 7th Party Ave. Loomis		CONTAINER NO. TYPE 9632 Jar 100		TURN AROUND TIME 1 DAY <input type="checkbox"/> 2 DAY <input type="checkbox"/> 3 DAY <input type="checkbox"/> 10 DAY <input type="checkbox"/>		SPECIAL INSTRUCTIONS OR ALT. ID:										
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	NO.	TYPE	1	2	3	4	5	6	7	8	9	10	
7/9/08	0745	SS-16	soil		9632 Jar 100	X										
	0910	SS 17				X										
	0818	SS 18				X										
	0830	SS 19				X										
	0900	SS 20				X										
	0910	SS 21				X										
	0944	SS 22				X										
	0940	SS 23				X										
	0950	SS 24				X										
	1010	SS 25				X										
	1000	SS 26				X										
	0755	BG 5				X										
	0830	BG 6				X										
SUSPECTED CONSTITUENTS		PRESERVATIVES:		(1) HCL (2) HNO3 (3) H2O2 (4) CO2 (5) N2O4 (6) N2O5 (7) H2S (8) H2SO4 (9) HClO4 (10) HNO2 (11) HNO3 (12) H2O2 (13) H2SO4 (14) HClO4 (15) HNO3 (16) H2O2 (17) H2SO4 (18) HClO4 (19) HNO3 (20) H2O2 (21) H2SO4 (22) HClO4 (23) HNO3 (24) H2O2 (25) H2SO4 (26) HClO4 (27) HNO3 (28) H2O2 (29) H2SO4 (30) HClO4 (31) HNO3 (32) H2O2 (33) H2SO4 (34) HClO4 (35) HNO3 (36) H2O2 (37) H2SO4 (38) HClO4 (39) HNO3 (40) H2O2 (41) H2SO4 (42) HClO4 (43) HNO3 (44) H2O2 (45) H2SO4 (46) HClO4 (47) HNO3 (48) H2O2 (49) H2SO4 (50) HClO4 (51) HNO3 (52) H2O2 (53) H2SO4 (54) HClO4 (55) HNO3 (56) H2O2 (57) H2SO4 (58) HClO4 (59) HNO3 (60) H2O2 (61) H2SO4 (62) HClO4 (63) HNO3 (64) H2O2 (65) H2SO4 (66) HClO4 (67) HNO3 (68) H2O2 (69) H2SO4 (70) HClO4 (71) HNO3 (72) H2O2 (73) H2SO4 (74) HClO4 (75) HNO3 (76) H2O2 (77) H2SO4 (78) HClO4 (79) HNO3 (80) H2O2 (81) H2SO4 (82) HClO4 (83) HNO3 (84) H2O2 (85) H2SO4 (86) HClO4 (87) HNO3 (88) H2O2 (89) H2SO4 (90) HClO4 (91) HNO3 (92) H2O2 (93) H2SO4 (94) HClO4 (95) HNO3 (96) H2O2 (97) H2SO4 (98) HClO4 (99) HNO3 (100) H2O2 (101) H2SO4 (102) HClO4 (103) HNO3 (104) H2O2 (105) H2SO4 (106) HClO4 (107) HNO3 (108) H2O2 (109) H2SO4 (110) HClO4 (111) HNO3 (112) H2O2 (113) H2SO4 (114) HClO4 (115) HNO3 (116) H2O2 (117) H2SO4 (118) HClO4 (119) HNO3 (120) H2O2 (121) H2SO4 (122) HClO4 (123) HNO3 (124) H2O2 (125) H2SO4 (126) HClO4 (127) HNO3 (128) H2O2 (129) H2SO4 (130) HClO4 (131) HNO3 (132) H2O2 (133) H2SO4 (134) HClO4 (135) HNO3 (136) H2O2 (137) H2SO4 (138) HClO4 (139) HNO3 (140) H2O2 (141) H2SO4 (142) HClO4 (143) HNO3 (144) H2O2 (145) H2SO4 (146) HClO4 (147) HNO3 (148) H2O2 (149) H2SO4 (150) HClO4 (151) HNO3 (152) H2O2 (153) H2SO4 (154) HClO4 (155) HNO3 (156) H2O2 (157) H2SO4 (158) HClO4 (159) HNO3 (160) H2O2 (161) H2SO4 (162) HClO4 (163) HNO3 (164) H2O2 (165) H2SO4 (166) HClO4 (167) HNO3 (168) H2O2 (169) H2SO4 (170) HClO4 (171) HNO3 (172) H2O2 (173) H2SO4 (174) HClO4 (175) HNO3 (176) H2O2 (177) H2SO4 (178) HClO4 (179) HNO3 (180) H2O2 (181) H2SO4 (182) HClO4 (183) HNO3 (184) H2O2 (185) H2SO4 (186) HClO4 (187) HNO3 (188) H2O2 (189) H2SO4 (190) HClO4 (191) HNO3 (192) H2O2 (193) H2SO4 (194) HClO4 (195) HNO3 (196) H2O2 (197) H2SO4 (198) HClO4 (199) HNO3 (200) H2O2 (201) H2SO4 (202) HClO4 (203) HNO3 (204) H2O2 (205) H2SO4 (206) HClO4 (207) HNO3 (208) H2O2 (209) H2SO4 (210) HClO4 (211) HNO3 (212) H2O2 (213) H2SO4 (214) HClO4 (215) HNO3 (216) H2O2 (217) H2SO4 (218) HClO4 (219) HNO3 (220) H2O2 (221) H2SO4 (222) HClO4 (223) HNO3 (224) H2O2 (225) H2SO4 (226) HClO4 (227) HNO3 (228) H2O2 (229) H2SO4 (230) HClO4 (231) HNO3 (232) H2O2 (233) H2SO4 (234) HClO4 (235) HNO3 (236) H2O2 (237) H2SO4 (238) HClO4 (239) HNO3 (240) H2O2 (241) H2SO4 (242) HClO4 (243) HNO3 (244) H2O2 (245) H2SO4 (246) HClO4 (247) HNO3 (248) H2O2 (249) H2SO4 (250) HClO4 (251) HNO3 (252) H2O2 (253) H2SO4 (254) HClO4 (255) HNO3 (256) H2O2 (257) H2SO4 (258) HClO4 (259) HNO3 (260) H2O2 (261) H2SO4 (262) HClO4 (263) HNO3 (264) H2O2 (265) H2SO4 (266) HClO4 (267) HNO3 (268) H2O2 (269) H2SO4 (270) HClO4 (271) HNO3 (272) H2O2 (273) H2SO4 (274) HClO4 (275) HNO3 (276) H2O2 (277) H2SO4 (278) HClO4 (279) HNO3 (280) H2O2 (281) H2SO4 (282) HClO4 (283) HNO3 (284) H2O2 (285) H2SO4 (286) HClO4 (287) HNO3 (288) H2O2 (289) H2SO4 (290) HClO4 (291) HNO3 (292) H2O2 (293) H2SO4 (294) HClO4 (295) HNO3 (296) H2O2 (297) H2SO4 (298) HClO4 (299) HNO3 (300) H2O2 (301) H2SO4 (302) HClO4 (303) HNO3 (304) H2O2 (305) H2SO4 (306) HClO4 (307) HNO3 (308) H2O2 (309) H2SO4 (310) HClO4 (311) HNO3 (312) H2O2 (313) H2SO4 (314) HClO4 (315) HNO3 (316) H2O2 (317) H2SO4 (318) HClO4 (319) HNO3 (320) H2O2 (321) H2SO4 (322) HClO4 (323) HNO3 (324) H2O2 (325) H2SO4 (326) HClO4 (327) HNO3 (328) H2O2 (329) H2SO4 (330) HClO4 (331) HNO3 (332) H2O2 (333) H2SO4 (334) HClO4 (335) HNO3 (336) H2O2 (337) H2SO4 (338) HClO4 (339) HNO3 (340) H2O2 (341) H2SO4 (342) HClO4 (343) HNO3 (344) H2O2 (345) H2SO4 (346) HClO4 (347) HNO3 (348) H2O2 (349) H2SO4 (350) HClO4 (351) HNO3 (352) H2O2 (353) H2SO4 (354) HClO4 (355) HNO3 (356) H2O2 (357) H2SO4 (358) HClO4 (359) HNO3 (360) H2O2 (361) H2SO4 (362) HClO4 (363) HNO3 (364) H2O2 (365) H2SO4 (366) HClO4 (367) HNO3 (368) H2O2 (369) H2SO4 (370) HClO4 (371) HNO3 (372) H2O2 (373) H2SO4 (374) HClO4 (375) HNO3 (376) H2O2 (377) H2SO4 (378) HClO4 (379) HNO3 (380) H2O2 (381) H2SO4 (382) HClO4 (383) HNO3 (384) H2O2 (385) H2SO4 (386) HClO4 (387) HNO3 (388) H2O2 (389) H2SO4 (390) HClO4 (391) HNO3 (392) H2O2 (393) H2SO4 (394) HClO4 (395) HNO3 (396) H2O2 (397) H2SO4 (398) HClO4 (399) HNO3 (400) H2O2 (401) H2SO4 (402) HClO4 (403) HNO3 (404) H2O2 (405) H2SO4 (406) HClO4 (407) HNO3 (408) H2O2 (409) H2SO4 (410) HClO4 (411) HNO3 (412) H2O2 (413) H2SO4 (414) HClO4 (415) HNO3 (416) H2O2 (417) H2SO4 (418) HClO4 (419) HNO3 (420) H2O2 (421) H2SO4 (422) HClO4 (423) HNO3 (424) H2O2 (425) H2SO4 (426) HClO4 (427) HNO3 (428) H2O2 (429) H2SO4 (430) HClO4 (431) HNO3 (432) H2O2 (433) H2SO4 (434) HClO4 (435) HNO3 (436) H2O2 (437) H2SO4 (438) HClO4 (439) HNO3 (440) H2O2 (441) H2SO4 (442) HClO4 (443) HNO3 (444) H2O2 (445) H2SO4 (446) HClO4 (447) HNO3 (448) H2O2 (449) H2SO4 (450) HClO4 (451) HNO3 (452) H2O2 (453) H2SO4 (454) HClO4 (455) HNO3 (456) H2O2 (457) H2SO4 (458) HClO4 (459) HNO3 (460) H2O2 (461) H2SO4 (462) HClO4 (463) HNO3 (464) H2O2 (465) H2SO4 (466) HClO4 (467) HNO3 (468) H2O2 (469) H2SO4 (470) HClO4 (471) HNO3 (472) H2O2 (473) H2SO4 (474) HClO4 (475) HNO3 (476) H2O2 (477) H2SO4 (478) HClO4 (479) HNO3 (480) H2O2 (481) H2SO4 (482) HClO4 (483) HNO3 (484) H2O2 (485) H2SO4 (486) HClO4 (487) HNO3 (488) H2O2 (489) H2SO4 (490) HClO4 (491) HNO3 (492) H2O2 (493) H2SO4 (494) HClO4 (495) HNO3 (496) H2O2 (497) H2SO4 (498) HClO4 (499) HNO3 (500) H2O2 (501) H2SO4 (502) HClO4 (503) HNO3 (504) H2O2 (505) H2SO4 (506) HClO4 (507) HNO3 (508) H2O2 (509) H2SO4 (510) HClO4 (511) HNO3 (512) H2O2 (513) H2SO4 (514) HClO4 (515) HNO3 (516) H2O2 (517) H2SO4 (518) HClO4 (519) HNO3 (520) H2O2 (521) H2SO4 (522) HClO4 (523) HNO3 (524) H2O2 (525) H2SO4 (526) HClO4 (527) HNO3 (528) H2O2 (529) H2SO4 (530) HClO4 (531) HNO3 (532) H2O2 (533) H2SO4 (534) HClO4 (535) HNO3 (536) H2O2 (537) H2SO4 (538) HClO4 (539) HNO3 (540) H2O2 (541) H2SO4 (542) HClO4 (543) HNO3 (544) H2O2 (545) H2SO4 (546) HClO4 (547) HNO3 (548) H2O2 (549) H2SO4 (550) HClO4 (551) HNO3 (552) H2O2 (553) H2SO4 (554) HClO4 (555) HNO3 (556) H2O2 (557) H2SO4 (558) HClO4 (559) HNO3 (560) H2O2 (561) H2SO4 (562) HClO4 (563) HNO3 (564) H2O2 (565) H2SO4 (566) HClO4 (567) HNO3 (568) H2O2 (569) H2SO4 (570) HClO4 (571) HNO3 (572) H2O2 (573) H2SO4 (574) HClO4 (575) HNO3 (576) H2O2 (577) H2SO4 (578) HClO4 (579) HNO3 (580) H2O2 (581) H2SO4 (582) HClO4 (583) HNO3 (584) H2O2 (585) H2SO4 (586) HClO4 (587) HNO3 (588) H2O2 (589) H2SO4 (590) HClO4 (591) HNO3 (592) H2O2 (593) H2SO4 (594) HClO4 (595) HNO3 (596) H2O2 (597) H2SO4 (598) HClO4 (599) HNO3 (600) H2O2 (601) H2SO4 (602) HClO4 (603) HNO3 (604) H2O2 (605) H2SO4 (606) HClO4 (607) HNO3 (608) H2O2 (609) H2SO4 (610) HClO4 (611) HNO3 (612) H2O2 (613) H2SO4 (614) HClO4 (615) HNO3 (616) H2O2 (617) H2SO4 (618) HClO4 (619) HNO3 (620) H2O2 (621) H2SO4 (622) HClO4 (623) HNO3 (624) H2O2 (625) H2SO4 (626) HClO4 (627) HNO3 (628) H2O2 (629) H2SO4 (630) HClO4 (631) HNO3 (632) H2O2 (633) H2SO4 (634) HClO4 (635) HNO3 (636) H2O2 (637) H2SO4 (638) HClO4 (639) HNO3 (640) H2O2 (641) H2SO4 (642) HClO4 (643) HNO3 (644) H2O2 (645) H2SO4 (646) HClO4 (647) HNO3 (648) H2O2 (649) H2SO4 (650) HClO4 (651) HNO3 (652) H2O2 (653) H2SO4 (654) HClO4 (655) HNO3 (656) H2O2 (657) H2SO4 (658) HClO4 (659) HNO3 (660) H2O2 (661) H2SO4 (662) HClO4 (663) HNO3 (664) H2O2 (665) H2SO4 (666) HClO4 (667) HNO3 (668) H2O2 (669) H2SO4 (670) HClO4 (671) HNO3 (672) H2O2 (673) H2SO4 (674) HClO4 (675) HNO3 (676) H2O2 (677) H2SO4 (678) HClO4 (679) HNO3 (680) H2O2 (681) H2SO4 (682) HClO4 (683) HNO3 (684) H2O2 (685) H2SO4 (686) HClO4 (687) HNO3 (688) H2O2 (689) H2SO4 (690) HClO4 (691) HNO3 (692) H2O2 (693) H2SO4 (694) HClO4 (695) HNO3 (696) H2O2 (697) H2SO4 (698) HClO4 (699) HNO3 (700) H2O2 (701) H2SO4 (702) HClO4 (703) HNO3 (704) H2O2 (705) H2SO4 (706) HClO4 (707) HNO3 (708) H2O2 (709) H2SO4 (710) HClO4 (711) HNO3 (712) H2O2 (713) H2SO4 (714) HClO4 (715) HNO3 (716) H2O2 (717) H2SO4 (718) HClO4 (719) HNO3 (720) H2O2 (721) H2SO4 (722) HClO4 (723) HNO3 (724) H2O2 (725) H2SO4 (726) HClO4 (727) HNO3 (728) H2O2 (729) H2SO4 (730) HClO4 (731) HNO3 (732) H2O2 (733) H2SO4 (734) HClO4 (735) HNO3 (736) H2O2 (737) H2SO4 (738) HClO4 (739) HNO3 (740) H2O2 (741) H2SO4 (742) HClO4 (743) HNO3 (744) H2O2 (745) H2SO4 (746) HClO4 (747) HNO3 (748) H2O2 (749) H2SO4 (750) HClO4 (751) HNO3 (752) H2O2 (753) H2SO4 (754) HClO4 (755) HNO3 (756) H2O2 (757) H2SO4 (758) HClO4 (759) HNO3 (760) H2O2 (761) H2SO4 (762) HClO4 (763) HNO3 (764) H2O2 (765) H2SO4 (766) HClO4 (767) HNO3 (768) H2O2 (769) H2SO4 (770) HClO4 (771) HNO3 (772) H2O2 (773) H2SO4 (774) HClO4 (775) HNO3 (776) H2O2 (777) H2SO4 (778) HClO4 (779) HNO3 (780) H2O2 (781) H2SO4 (782) HClO4 (783) HNO3 (784) H2O2 (785) H2SO4 (786) HClO4 (787) HNO3 (788) H2O2 (789) H2SO4 (790) HClO4 (791) HNO3 (792) H2O2 (793) H2SO4 (794) HClO4 (795) HNO3 (796) H2O2 (797) H2SO4 (798) HClO4 (799) HNO3 (800) H2O2 (801) H2SO4 (802) HClO4 (803) HNO3 (804) H2O2 (805) H2SO4 (806) HClO4 (807) HNO3 (808) H2O2 (809) H2SO4 (810) HClO4 (811) HNO3 (812) H2O2 (813) H2SO4 (814) HClO4 (815) HNO3 (816) H2O2 (817) H2SO4 (818) HClO4 (819) HNO3 (820) H2O2 (821) H2SO4 (822) HClO4 (823) HNO3 (824) H2O2 (825) H2SO4 (826) HClO4 (827) HNO3 (828) H2O2 (829) H2SO4 (830) HClO4 (831) HNO3 (832) H2O2 (833) H2SO4 (834) HClO4 (835) HNO3 (836) H2O2 (837) H2SO4 (838) HClO4 (839) HNO3 (840) H2O2 (841) H2SO4 (842) HClO4 (843) HNO3 (844) H2O2 (845) H2SO4 (846) HClO4 (847) HNO3 (848) H2O2 (849) H2SO4 (850) HClO4 (851) HNO3 (852) H2O2 (853) H2SO4 (854) HClO4 (855) HNO3 (856) H2O2 (857) H2SO4 (858) HClO4 (859) HNO3 (860) H2O2 (861) H2SO4 (862) HClO4 (863) HNO3 (864) H2O2 (865) H2SO4 (866) HClO4 (867) HNO3 (868) H2O2 (869) H2SO4 (870) HClO4 (871) HNO3 (872) H2O2 (873) H2SO4 (874) HClO4 (875) HNO3 (876) H2O2 (877) H2SO4 (878) HClO4 (879) HNO3 (880) H2O2 (881) H2SO4 (882) HClO4 (883) HNO3 (884) H2O2 (885) H2SO4 (886) HClO4 (887) HNO3 (888) H2O2 (889) H2SO4 (890) HClO4 (891) HNO3 (892) H2O2 (893) H2SO4 (894) HClO4 (895) HNO3 (896) H2O2 (897) H2SO4 (898) HClO4 (899) HNO3 (900) H2O2 (901) H2SO4 (902) HClO4 (903) HNO3 (904) H2O2 (905) H2SO4 (906) HClO4 (907) HNO3 (908) H2O2 (909) H2SO4 (910) HClO4 (911) HNO3 (912) H2O2 (913) H2SO4 (914) HClO4 (915) HNO3 (916) H2O2 (917) H2SO4 (918) HClO4 (919) HNO3 (920) H2O2 (921) H2SO4 (922) HClO4 (923) HNO3 (924) H2O2 (925) H2SO4 (926) HClO4 (927) HNO3 (928) H2O2 (929) H2SO4 (930) HClO4 (931) HNO3 (932) H2O2 (933) H2SO4 (934) HClO4 (935) HNO3 (936) H2O2 (937) H2SO4 (938) HClO4 (939) HNO3 (940) H2O2 (941) H2SO4 (942) HClO4 (943) HNO3 (944) H2O2 (945) H2SO4 (946) HClO4 (947) HNO3 (948) H2O2 (949) H2SO4 (950) HClO4 (951) HNO3 (952) H2O2 (953) H2SO4 (954) HClO4 (955) HNO3 (956) H2O2 (957) H2SO4 (958) HClO4 (959) HNO3 (960) H2O2 (961) H2SO4 (962) HClO4 (963) HNO3 (964) H2O2 (965) H2SO4 (966) HClO4 (967) HNO3 (968) H2O2 (969) H2SO4 (970) HClO4 (971) HNO3 (972) H2O2 (973) H2SO4 (974) HClO4 (975) HNO3 (976) H2O2 (977) H2SO4 (978) HClO4 (979) HNO3 (980) H2O2 (981) H2SO4 (982) HClO4 (983) HNO3 (984) H2O2 (985) H2SO4 (986) HClO4 (987) HNO3 (988) H2O2 (989) H2SO4 (990) HClO4 (991) HNO3 (992) H2O2 (993) H2SO4 (994) HClO4 (995) HNO3 (996) H2O2 (997) H2SO4 (998) HClO4 (999) HNO3 (1000) H2O2 (1001) H2SO4 (1002) HClO4 (1003) HNO3 (1004) H2O2 (1005) H2SO4 (1006) HClO4 (1007) HNO3 (1008) H2O2 (1009) H2SO4 (1010) HClO4 (1011) HNO3 (1012) H2O2 (1013) H2SO4 (1014) HClO4 (1015) HNO3 (1016) H2O2 (1017) H2SO4 (1018) HClO4 (1019) HNO3 (1020) H2O2 (1021) H2SO4 (1022) HClO4 (1023) HNO3 (1024) H2O2 (1025) H2SO4 (1026) HClO4 (1027) HNO3 (1028) H2O2 (1029) H2SO4 (1030) HClO4 (1031) HNO3 (1032) H2O2 (1033) H2SO4 (1034) HClO4 (1035) HNO3 (1036) H2O2 (1037) H2SO4 (1038) HClO4 (1039) HNO3 (1040) H2O2 (1041) H2SO4 (1042) HClO4 (1043) HNO3 (1044) H2O2 (1045) H2SO4 (1046) HClO4 (1047) HNO3 (1048) H2O2 (1049) H2SO4 (1050) HClO4 (1051) HNO3 (1052) H2O2 (1053) H2SO4 (1054) HClO4 (1055) HNO3 (1056) H2O2 (1057) H2SO4 (1058) HClO4 (1059) HNO3 (1060) H2O2 (1061) H2SO4 (1062) HClO4 (1063) HNO3 (1064) H2O2 (1065) H2SO4 (1066) HClO4 (1067) HNO3 (1068) H2O2 (1069) H2SO4 (1070) HClO4 (1071) HNO3 (1072) H2O2 (1073) H2SO4 (1074) HClO4 (1075) HNO3 (1076) H2O2 (1077) H2SO4 (1078) HClO4 (1079) HNO3 (1080) H2O2 (1081) H2SO4 (1082) HClO4 (1083) HNO3 (1084) H2O2 (1085) H2SO4 (1086) HClO4 (1087) HNO3 (1088) H2O2 (1089) H2SO4 (1090) HClO4 (1091) HNO3 (1092) H2O2 (1093) H2SO4 (1094) HClO4 (1095) HNO3 (1096) H2O2 (1097) H2SO4 (1098) HClO4 (1099) HNO3 (1100) H2O2 (1101) H2SO4 (1102) HClO4 (1103) HNO3 (1104) H2O2 (1105) H2SO4 (1106) HClO4 (1107) HNO3 (1108) H2O2 (1109) H2SO4 (1110) HClO4 (1111) HNO3 (1112) H2O2 (1113) H2SO4 (1114) HClO4 (1115) HNO3 (1116)												

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin
 500 Menlo Drive, Suite 100
 Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
 Project Number: 7107.03
 Project Manager: Janine Brinkman

CLS Work Order #: CRG0352
 COC #: 95238, 39

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: CRG0352

LOG NO. 95239

2 of 2

REPORT TO: NAME AND ADDRESS Wallace Kuhl Associates 500 Menlo Drive Ste 100 Rocklin CA 95765 PROJECT MANAGER Janine Brinkman 4354722 PROJECT NAME Loomis Parcel 043-080-015 SAMPLED BY JMB/TKB FIELD DESCRIPTION Orchard & background soil samples		CLIENT JOB NUMBER 7107.03 DESTINATION LABORATORY CLS (916) 638-7301 3249 FITZGERALD RD. RANCHO CORDOVA, CA 95742 <input type="checkbox"/> OTHER		ANALYSIS REQUESTED PRESERVATIVES CAMILMETS		GEOTRACKER: EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO GLOBAL ID: COMPOSITE: FIELD CONDITIONS:																			
SITE LOCATION: South of Day Ave, Loomis		TURN AROUND TIME DAY 1 DAY 2 DAY 3 DAY 4 DAY 5 DAY 6 DAY 7 DAY 8 DAY 9 DAY 10		SPECIAL INSTRUCTIONS OR ALT. ID:																					
<table border="1"> <thead> <tr> <th>DATE</th> <th>TIME</th> <th>SAMPLE IDENTIFICATION</th> <th>MATRIX</th> <th>CONTAINER NO.</th> <th>TYPE</th> </tr> </thead> <tbody> <tr> <td>7-9-08</td> <td>09:20</td> <td>Box 7</td> <td>soil</td> <td>365 jar 168</td> <td>X</td> </tr> <tr> <td>7-9-08</td> <td>09:51</td> <td>Box 8</td> <td>soil</td> <td>366 jar 168</td> <td>X</td> </tr> </tbody> </table>		DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE	7-9-08	09:20	Box 7	soil	365 jar 168	X	7-9-08	09:51	Box 8	soil	366 jar 168	X						
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE																				
7-9-08	09:20	Box 7	soil	365 jar 168	X																				
7-9-08	09:51	Box 8	soil	366 jar 168	X																				
SUSPECTED CONSTITUENTS		PRESERVATION (1) HCL (2) HNO3 (3) H2O2 (4) NaOH (5) H2SO4 (6) Na2S2O8 (7) H2O		RECEIVED BY (SIGN) Janine Brinkman/WKA 7-9-08/4:53 KATHLEEN WALKER KATHLEEN WALKER WKA		RECEIVED BY (SIGN) Janine Brinkman/WKA 7-9-08/4:53 KATHLEEN WALKER KATHLEEN WALKER WKA																			
RELINQUISHED BY (SIGN) Janine Brinkman/WKA		PRINT NAME / COMPANY Janine Brinkman/WKA		DATE / TIME 7-9-08/4:53		RECEIVED BY (SIGN) KATHLEEN WALKER KATHLEEN WALKER WKA																			
SHIPPED BY: JMB		FED X		SFS		AIR BILL #																			

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SS-16 (CRG0352-01) Soil Sampled: 07/09/08 07:45 Received: 07/10/08 13:50

Arsenic	3.7	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 6020/7000	
Selenium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Thallium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Antimony	ND	2.5	"	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Barium	86	1.0	"	"	"	07/15/08 07:48	"	"	
Beryllium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cadmium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cobalt	7.7	1.0	"	"	"	07/15/08 07:48	"	"	
Chromium	26	1.0	"	"	"	07/15/08 07:48	"	"	
Copper	34	1.0	"	"	"	07/15/08 07:48	"	"	
Lead	9.2	2.5	"	"	"	07/15/08 07:48	"	"	
Molybdenum	ND	1.0	"	"	"	07/15/08 07:48	"	"	
Nickel	14	1.0	"	"	"	07/15/08 07:48	"	"	
Silver	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Vanadium	35	1.0	"	"	"	07/15/08 07:48	"	"	
Zinc	28	1.0	"	"	"	07/15/08 07:48	"	"	
Mercury	ND	0.10	"	"	CR05719	07/14/08 08:50	07/14/08	EPA 7471A	

SS-17 (CRG0352-02) Soil Sampled: 07/09/08 08:10 Received: 07/10/08 13:50

Arsenic	2.6	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 6020/7000	
Selenium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Thallium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Antimony	ND	2.5	"	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Barium	72	1.0	"	"	"	07/15/08 07:48	"	"	
Beryllium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cadmium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cobalt	6.4	1.0	"	"	"	07/15/08 07:48	"	"	
Chromium	24	1.0	"	"	"	07/15/08 07:48	"	"	
Copper	23	1.0	"	"	"	07/15/08 07:48	"	"	
Lead	5.5	2.5	"	"	"	07/15/08 07:48	"	"	
Molybdenum	ND	1.0	"	"	"	07/15/08 07:48	"	"	

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-17 (CRG0352-02) Soil Sampled: 07/09/08 08:10 Received: 07/10/08 13:50									
Nickel	13	1.0	mg/kg	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Silver	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Vanadium	28	1.0	"	"	"	07/15/08 07:48	"	"	
Zinc	22	1.0	"	"	"	07/15/08 07:48	"	"	
Mercury	ND	0.10	"	"	CR05719	07/14/08 08:50	07/14/08	EPA 7471A	
SS-21 (CRG0352-06) Soil Sampled: 07/09/08 09:10 Received: 07/10/08 13:50									
Arsenic	5.1	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 6020/7000	
Selenium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Thallium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Antimony	ND	2.5	"	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Barium	58	1.0	"	"	"	07/15/08 07:48	"	"	
Beryllium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cadmium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cobalt	5.6	1.0	"	"	"	07/15/08 07:48	"	"	
Chromium	17	1.0	"	"	"	07/15/08 07:48	"	"	
Copper	12	1.0	"	"	"	07/15/08 07:48	"	"	
Lead	11	2.5	"	"	"	07/15/08 07:48	"	"	
Molybdenum	ND	1.0	"	"	"	07/15/08 07:48	"	"	
Nickel	8.1	1.0	"	"	"	07/15/08 07:48	"	"	
Silver	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Vanadium	25	1.0	"	"	"	07/15/08 07:48	"	"	
Zinc	14	1.0	"	"	"	07/15/08 07:48	"	"	
Mercury	ND	0.10	"	"	CR05719	07/14/08 08:50	07/14/08	EPA 7471A	

CALIFORNIA LABORATORY SERVICES

Page 5 of 15

07/17/08 13:01

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-24 (CRG0352-09) Soil Sampled: 07/09/08 09:50 Received: 07/10/08 13:50									
Arsenic	ND	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 6020/7000	
Selenium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Thallium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Antimony	ND	2.5	"	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Barium	85	1.0	"	"	"	07/15/08 07:48	"	"	
Beryllium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cadmium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cobalt	7.8	1.0	"	"	"	07/15/08 07:48	"	"	
Chromium	28	1.0	"	"	"	07/15/08 07:48	"	"	
Copper	31	1.0	"	"	"	07/15/08 07:48	"	"	
Lead	4.7	2.5	"	"	"	07/15/08 07:48	"	"	
Molybdenum	ND	1.0	"	"	"	07/15/08 07:48	"	"	
Nickel	15	1.0	"	"	"	07/15/08 07:48	"	"	
Silver	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Vanadium	36	1.0	"	"	"	07/15/08 07:48	"	"	
Zinc	26	1.0	"	"	"	07/15/08 07:48	"	"	
Mercury	ND	0.10	"	"	CR05719	07/14/08 08:50	07/14/08	EPA 7471A	
BG-5 (CRG0352-12) Soil Sampled: 07/09/08 07:55 Received: 07/10/08 13:50									
Arsenic	ND	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 6020/7000	
Selenium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Thallium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Antimony	ND	2.5	"	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Barium	60	1.0	"	"	"	07/15/08 07:48	"	"	
Beryllium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cadmium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cobalt	5.8	1.0	"	"	"	07/15/08 07:48	"	"	
Chromium	29	1.0	"	"	"	07/15/08 07:48	"	"	
Copper	16	1.0	"	"	"	07/15/08 07:48	"	"	
Lead	ND	2.5	"	"	"	07/15/08 07:48	"	"	
Molybdenum	ND	1.0	"	"	"	07/15/08 07:48	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BG-5 (CRG0352-12) Soil Sampled: 07/09/08 07:55 Received: 07/10/08 13:50									
Nickel	14	1.0	mg/kg	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Silver	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Vanadium	36	1.0	"	"	"	07/15/08 07:48	"	"	
Zinc	21	1.0	"	"	"	07/15/08 07:48	"	"	
Mercury	ND	0.10	"	"	CR05719	07/14/08 08:50	07/14/08	EPA 7471A	
BG-6 (CRG0352-13) Soil Sampled: 07/09/08 08:30 Received: 07/10/08 13:50									
Arsenic	ND	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 6020/7000	
Selenium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Thallium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Antimony	ND	2.5	"	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Barium	66	1.0	"	"	"	07/15/08 07:48	"	"	
Beryllium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cadmium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cobalt	7.0	1.0	"	"	"	07/15/08 07:48	"	"	
Chromium	36	1.0	"	"	"	07/15/08 07:48	"	"	
Copper	19	1.0	"	"	"	07/15/08 07:48	"	"	
Lead	ND	2.5	"	"	"	07/15/08 07:48	"	"	
Molybdenum	ND	1.0	"	"	"	07/15/08 07:48	"	"	
Nickel	18	1.0	"	"	"	07/15/08 07:48	"	"	
Silver	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Vanadium	37	1.0	"	"	"	07/15/08 07:48	"	"	
Zinc	24	1.0	"	"	"	07/15/08 07:48	"	"	
Mercury	ND	0.10	"	"	CR05719	07/14/08 08:50	07/14/08	EPA 7471A	

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BG-7 (CRG0352-14) Soil Sampled: 07/09/08 09:20 Received: 07/10/08 13:50									
Arsenic	ND	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 6020/7000	
Selenium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Thallium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Antimony	ND	2.5	"	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Barium	52	1.0	"	"	"	07/15/08 07:48	"	"	
Beryllium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cadmium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cobalt	8.8	1.0	"	"	"	07/15/08 07:48	"	"	
Chromium	30	1.0	"	"	"	07/15/08 07:48	"	"	
Copper	31	1.0	"	"	"	07/15/08 07:48	"	"	
Lead	ND	2.5	"	"	"	07/15/08 07:48	"	"	
Molybdenum	ND	1.0	"	"	"	07/15/08 07:48	"	"	
Nickel	16	1.0	"	"	"	07/15/08 07:48	"	"	
Silver	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Vanadium	45	1.0	"	"	"	07/15/08 07:48	"	"	
Zinc	24	1.0	"	"	"	07/15/08 07:48	"	"	
Mercury	ND	0.10	"	"	CR05719	07/14/08 08:50	07/14/08	EPA 7471A	

BG-8 (CRG0352-15) Soil Sampled: 07/09/08 09:51 Received: 07/10/08 13:50									
Arsenic	ND	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 6020/7000	
Selenium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Thallium	ND	2.5	"	"	"	07/15/08 07:44	"	"	
Antimony	ND	2.5	"	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Barium	56	1.0	"	"	"	07/15/08 07:48	"	"	
Beryllium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cadmium	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Cobalt	7.3	1.0	"	"	"	07/15/08 07:48	"	"	
Chromium	22	1.0	"	"	"	07/15/08 07:48	"	"	
Copper	11	1.0	"	"	"	07/15/08 07:48	"	"	
Lead	ND	2.5	"	"	"	07/15/08 07:48	"	"	
Molybdenum	ND	1.0	"	"	"	07/15/08 07:48	"	"	

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BG-8 (CRG0352-15) Soil Sampled: 07/09/08 09:51 Received: 07/10/08 13:50									
Nickel	10	1.0	mg/kg	1	CR05757	07/15/08 07:48	07/15/08	EPA 6010B	
Silver	ND	0.50	"	"	"	07/15/08 07:48	"	"	
Vanadium	34	1.0	"	"	"	07/15/08 07:48	"	"	
Zinc	16	1.0	"	"	"	07/15/08 07:48	"	"	
Mercury	ND	0.10	"	"	CR05719	07/14/08 08:50	07/14/08	EPA 7471A	

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

Metals by EPA 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-18 (CRG0352-03) Soil	Sampled: 07/09/08 08:18		Received: 07/10/08 13:50						
Arsenic	ND	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 7060A	
SS-19 (CRG0352-04) Soil	Sampled: 07/09/08 08:30		Received: 07/10/08 13:50						
Arsenic	ND	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 7060A	
SS-20 (CRG0352-05) Soil	Sampled: 07/09/08 09:00		Received: 07/10/08 13:50						
Arsenic	2.9	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 7060A	
SS-22 (CRG0352-07) Soil	Sampled: 07/09/08 09:44		Received: 07/10/08 13:50						
Arsenic	17	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 7060A	
SS-23 (CRG0352-08) Soil	Sampled: 07/09/08 09:40		Received: 07/10/08 13:50						
Arsenic	4.0	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 7060A	
SS-25 (CRG0352-10) Soil	Sampled: 07/09/08 10:10		Received: 07/10/08 13:50						
Arsenic	3.2	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 7060A	
SS-26 (CRG0352-11) Soil	Sampled: 07/09/08 10:00		Received: 07/10/08 13:50						
Arsenic	ND	2.5	mg/kg	10	CR05756	07/15/08 07:44	07/15/08	EPA 7060A	

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR05719 - EPA 7471A										
Blank (CR05719-BLK1) Prepared & Analyzed: 07/14/08										
Mercury	ND	0.10	mg/kg							
LCS (CR05719-BS1) Prepared & Analyzed: 07/14/08										
Mercury	0.649	0.10	mg/kg	0.625		104	75-125			
LCS Dup (CR05719-BSD1) Prepared & Analyzed: 07/14/08										
Mercury	0.611	0.10	mg/kg	0.625		97.8	75-125	5.95	25	
Matrix Spike (CR05719-MS1) Source: CRG0203-01 Prepared & Analyzed: 07/14/08										
Mercury	0.700	0.10	mg/kg	0.625	ND	112	75-125			
Matrix Spike Dup (CR05719-MSD1) Source: CRG0203-01 Prepared & Analyzed: 07/14/08										
Mercury	0.681	0.10	mg/kg	0.625	ND	109	75-125	2.71	25	
Batch CR05756 - EPA 3050B										
Blank (CR05756-BLK1) Prepared & Analyzed: 07/15/08										
Arsenic	ND	0.25	mg/kg							
Selenium	ND	0.25	"							
Thallium	ND	0.25	"							
LCS (CR05756-BS1) Prepared & Analyzed: 07/15/08										
Arsenic	7.12	0.25	mg/kg	5.00		142	75-125			QM-1
Selenium	4.56	0.25	"	5.00		91.3	75-125			
Thallium	5.33	0.25	"	5.00		107	75-125			
LCS Dup (CR05756-BSD1) Prepared & Analyzed: 07/15/08										
Arsenic	4.51	0.25	mg/kg	5.00		90.2	75-125	45.0	25	QR-2
Selenium	4.09	0.25	"	5.00		81.8	75-125	10.9	25	
Thallium	5.07	0.25	"	5.00		101	75-125	4.94	25	

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch CR05756 - EPA 3050B

Matrix Spike (CR05756-MS1)	Source: CRG0429-01			Prepared & Analyzed: 07/15/08						
Arsenic	10.1	2.5	mg/kg	5.00	6.10	80.3	75-125			
Selenium	3.32	2.5	"	5.00	ND	66.5	75-125			QM-5
Thallium	5.30	2.5	"	5.00	ND	106	75-125			

Matrix Spike Dup (CR05756-MSD1)	Source: CRG0429-01			Prepared & Analyzed: 07/15/08						
Arsenic	10.2	2.5	mg/kg	5.00	6.10	81.6	75-125	0.641	30	
Selenium	2.74	2.5	"	5.00	ND	54.7	75-125	19.5	30	QM-5
Thallium	5.16	2.5	"	5.00	ND	103	75-125	2.68	30	

Batch CR05757 - EPA 3050B

Blank (CR05757-BLK1)	Prepared & Analyzed: 07/15/08									
Antimony	ND	2.5	mg/kg							
Barium	ND	1.0	"							
Beryllium	ND	0.50	"							
Cadmium	ND	0.50	"							
Cobalt	ND	1.0	"							
Chromium	ND	1.0	"							
Copper	ND	1.0	"							
Lead	ND	2.5	"							
Molybdenum	ND	1.0	"							
Nickel	ND	1.0	"							
Silver	ND	0.50	"							
Vanadium	ND	1.0	"							
Zinc	ND	1.0	"							

LCS (CR05757-BS1)	Prepared & Analyzed: 07/15/08									
Antimony	26.5	2.5	mg/kg	25.0		106	75-125			
Barium	103	1.0	"	100		103	75-125			
Beryllium	2.54	0.50	"	2.50		101	75-125			
Cadmium	2.66	0.50	"	2.50		106	75-125			
Cobalt	25.7	1.0	"	25.0		103	75-125			
Chromium	10.4	1.0	"	10.0		104	75-125			

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	-----------	-------------	-----	-----------	-------

Batch CR05757 - EPA 3050B

LCS (CR05757-BS1)

Prepared & Analyzed: 07/15/08

Copper	12.5	1.0	mg/kg	12.5	100	75-125				
Lead	25.9	2.5	"	25.0	104	75-125				
Molybdenum	26.2	1.0	"	25.0	105	75-125				
Nickel	25.5	1.0	"	25.0	102	75-125				
Silver	2.72	0.50	"	2.50	109	75-125				
Vanadium	25.4	1.0	"	25.0	102	75-125				
Zinc	25.1	1.0	"	25.0	100	75-125				

LCS Dup (CR05757-BSD1)

Prepared & Analyzed: 07/15/08

Antimony	26.4	2.5	mg/kg	25.0	105	75-125	0.567	25		
Barium	104	1.0	"	100	104	75-125	0.970	25		
Beryllium	2.56	0.50	"	2.50	102	75-125	0.824	25		
Cadmium	2.82	0.50	"	2.50	113	75-125	5.84	25		
Cobalt	25.8	1.0	"	25.0	103	75-125	0.485	25		
Chromium	10.2	1.0	"	10.0	102	75-125	1.61	25		
Copper	12.6	1.0	"	12.5	101	75-125	0.797	25		
Lead	25.8	2.5	"	25.0	103	75-125	0.561	25		
Molybdenum	26.6	1.0	"	25.0	106	75-125	1.46	25		
Nickel	25.5	1.0	"	25.0	102	75-125	0.0981	25		
Silver	2.62	0.50	"	2.50	105	75-125	3.55	25		
Vanadium	25.6	1.0	"	25.0	102	75-125	0.824	25		
Zinc	25.2	1.0	"	25.0	101	75-125	0.378	25		

Matrix Spike (CR05757-MS1)

Source: CRG0429-01

Prepared & Analyzed: 07/15/08

Antimony	6.68	2.5	mg/kg	25.0	ND	26.7	75-125			QM-5
Barium	236	1.0	"	100	133	103	75-125			
Beryllium	2.71	0.50	"	2.50	0.380	93.0	75-125			
Cadmium	2.73	0.50	"	2.50	0.455	91.0	75-125			
Cobalt	36.9	1.0	"	25.0	13.9	91.9	75-125			
Chromium	78.0	1.0	"	10.0	62.2	158	75-125			QM-5
Copper	50.0	1.0	"	12.5	35.2	118	75-125			
Lead	39.3	2.5	"	25.0	19.6	78.9	75-125			

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR05757 - EPA 3050B										
Matrix Spike (CR05757-MS1)		Source: CRG0429-01			Prepared & Analyzed: 07/15/08					
Molybdenum	20.5	1.0	mg/kg	25.0	1.26	76.8	75-125			
Nickel	98.0	1.0	"	25.0	70.2	111	75-125			
Silver	1.70	0.50	"	2.50	ND	68.0	75-125			QM-5
Vanadium	86.6	1.0	"	25.0	60.9	103	75-125			
Zinc	129	1.0	"	25.0	101	112	75-125			
Matrix Spike Dup (CR05757-MSD1)		Source: CRG0429-01			Prepared & Analyzed: 07/15/08					
Antimony	9.52	2.5	mg/kg	25.0	ND	38.1	75-125	35.0	30	QM-5
Barium	248	1.0	"	100	133	115	75-125	4.94	30	
Beryllium	2.82	0.50	"	2.50	0.380	97.7	75-125	4.27	30	
Cadmium	2.94	0.50	"	2.50	0.455	99.2	75-125	7.24	30	
Cobalt	38.1	1.0	"	25.0	13.9	96.9	75-125	3.35	30	
Chromium	79.2	1.0	"	10.0	62.2	170	75-125	1.40	30	QM-5
Copper	52.9	1.0	"	12.5	35.2	141	75-125	5.64	30	QM-5
Lead	41.1	2.5	"	25.0	19.6	85.9	75-125	4.33	30	
Molybdenum	23.1	1.0	"	25.0	1.26	87.2	75-125	12.0	30	
Nickel	101	1.0	"	25.0	70.2	125	75-125	3.51	30	
Silver	1.69	0.50	"	2.50	ND	67.6	75-125	0.390	30	QM-5
Vanadium	91.5	1.0	"	25.0	60.9	122	75-125	5.50	30	
Zinc	134	1.0	"	25.0	101	133	75-125	4.00	30	QM-4X

CALIFORNIA LABORATORY SERVICES

Wallace - Kuhl Associates Inc. - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.03 Project Manager: Janine Brinkman	CLS Work Order #: CRG0352 COC #: 95238, 39
---	---	---

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
Batch CR05756 - EPA 3050B										
Blank (CR05756-BLK1)				Prepared & Analyzed: 07/15/08						
Arsenic	ND	0.25	mg/kg							
LCS (CR05756-BS1)				Prepared & Analyzed: 07/15/08						
Arsenic	7.12	0.25	mg/kg	5.00		142	75-125			QM-1
LCS Dup (CR05756-BSD1)				Prepared & Analyzed: 07/15/08						
Arsenic	4.51	0.25	mg/kg	5.00		90.2	75-125	45.0	25	QR-2
Matrix Spike (CR05756-MS1)				Source: CRG0429-01 Prepared & Analyzed: 07/15/08						
Arsenic	10.1	2.5	mg/kg	5.00	6.10	80.3	75-125			
Matrix Spike Dup (CR05756-MSD1)				Source: CRG0429-01 Prepared & Analyzed: 07/15/08						
Arsenic	10.2	2.5	mg/kg	5.00	6.10	81.6	75-125	0.641	30	

CALIFORNIA LABORATORY SERVICES

Page 15 of 15

07/17/08 13:01

Wallace - Kuhl Associates Inc. - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.03
Project Manager: Janine Brinkman

CLS Work Order #: CRG0352
COC #: 95238, 39

Notes and Definitions

- QR-2 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- QM-1 The spike recovery was outside acceptance limits for the LCS or LCSD. The batch was accepted based on acceptable MS/MSD recoveries & RPD's.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

CA DOHS ELAP Accreditation/Registration Number 1233

EXCELCHEM
Environmental Labs

1135 W Sunset Boulevard
Suite A
Rocklin, CA 95765
Phone# 916-543-4445
Fax# 916-543-4449



ELAP Certificate No. : 2119

25 November 2008

Janine Brinkman

Wallace Kuhl and Associates - Rocklin

500 Menlo Drive, Suite 100

Rocklin, CA 95765

RE: Loomis Parcel 043-080-015

Workorder number:0705117

Enclosed are the results of analyses for samples received by the laboratory on 05/23/07 12:38. All Quality Control results are within acceptable limits except where noted as a case narrative. If you have any questions concerning this report, please feel free to contact the laboratory.

Sincerely,

John Somers, Lab Director

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG-1	0705117-01	Soil	05/23/07 09:00	05/23/07 12:38
BG-2	0705117-02	Soil	05/23/07 09:20	05/23/07 12:38
BG-3	0705117-03	Soil	05/23/07 09:40	05/23/07 12:38
BG-4	0705117-04	Soil	05/23/07 09:55	05/23/07 12:38
SS-3	0705117-05	Soil	05/23/07 10:16	05/23/07 12:38
SS-4	0705117-06	Soil	05/23/07 10:23	05/23/07 12:38
SS-2	0705117-07	Soil	05/23/07 10:13	05/23/07 12:38
SS-1	0705117-08	Soil	05/23/07 10:10	05/23/07 12:38
SS-14	0705117-09	Soil	05/23/07 11:13	05/23/07 12:38
SS-15	0705117-10	Soil	05/23/07 11:17	05/23/07 12:38
SS-12	0705117-11	Soil	05/23/07 11:06	05/23/07 12:38
SS-13	0705117-12	Soil	05/23/07 11:10	05/23/07 12:38
SS-11	0705117-13	Soil	05/23/07 11:05	05/23/07 12:38
SS-10	0705117-14	Soil	05/23/07 10:59	05/23/07 12:38
SS-9	0705117-15	Soil	05/23/07 10:55	05/23/07 12:38
SS-5	0705117-16	Soil	05/23/07 10:34	05/23/07 12:38
SS-8	0705117-17	Soil	05/23/07 10:46	05/23/07 12:38
SS-6	0705117-18	Soil	05/23/07 10:37	05/23/07 12:38
SS-7	0705117-19	Soil	05/23/07 10:42	05/23/07 12:38
SS-3,SS-4,SS-2 comp	0705117-20	Soil	05/23/07 10:13	05/23/07 12:38
SS-1,SS-14,SS-15 comp	0705117-21	Soil	05/23/07 10:10	05/23/07 12:38
SS-12,SS-13,SS-11 comp	0705117-22	Soil	05/23/07 11:05	05/23/07 12:38
SS-10,SS-9,SS-5 comp	0705117-23	Soil	05/23/07 10:34	05/23/07 12:38
SS-8,SS-6,SS-7 comp	0705117-24	Soil	05/23/07 10:37	05/23/07 12:38

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

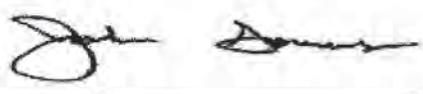
Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.02 Project Manager: Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	----------------------------------

BG-1
0705117-01 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
METALS BY 6000/7000 SERIES								
Arsenic	ND	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	1.7	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

BG-2
0705117-02 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	1.7	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	3.8	1.0	"	"	"	05/30/07	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

BG-3
0705117-03 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	3.2	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	2.9	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

BG-4
0705117-04 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	1.8	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

SS-3
0705117-05 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	2.1	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	8.8	1.0	"	"	"	05/30/07	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

SS-4
0705117-06 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	9.3	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

SS-2
0705117-07 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	1.8	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	10.2	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

SS-1
0705117-08 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	3.0	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	15.5	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

SS-14
0705117-09 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	ND	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.02 Project Manager: Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	----------------------------------

SS-15
0705117-10 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	2.4	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	28.9	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.02 Project Manager: Janine Brinkman	Date Reported: 11/25/08 10.43
--	---	----------------------------------

SS-12
0705117-11 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	16.0	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

SS-13
0705117-12 (Soil)

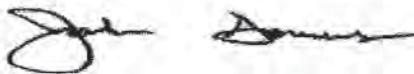
Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	1.6	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	23,i	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
 500 Menlo Drive, Suite 100
 Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
 Project Number: 7107.02
 Project Manager: Janine Brinkman

Date Reported:
 11/25/08 10:43

**SS-11
 0705117-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	1.4	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	23.1	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.02 Project Manager: Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	----------------------------------

**SS-10
0705117-14 (Soil)**

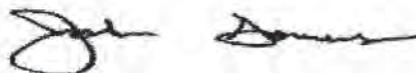
Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	16.6	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

SS-9
0705117-15 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	7.9	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	36.5	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.02 Project Manager: Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	----------------------------------

SS-5
0705117-16 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	ND	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	ND	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Project Number: Project Manager:	Loomis Parcel 043-080-015 7107.02 Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	---	----------------------------------

SS-8
0705117-17 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	2.6	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	21.4	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
 500 Menlo Drive, Suite 100
 Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
 Project Number: 7107.02
 Project Manager: Janine Brinkman

Date Reported:
 11/25/08 10:43

**SS-6
 0705117-18 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

METALS BY 6000/7000 SERIES

Arsenic	2.0	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	21.6	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.02 Project Manager: Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	----------------------------------

SS-7
0705117-19 (Soil)

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
METALS BY 6000/7000 SERIES								
Arsenic	2.9	1.0	mg/kg	AQE0224	05/25/07	05/30/07	EPA 6010B	
Lead	23.3	1.0	"	"	"	"	"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

**SS-3,SS-4,SS-2 comp
0705117-20 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

Pesticides/PCB by ECD

.alpha-bhc	ND	0.005	mg/kg	AQE0195	05/24/07	05/25/07	EPA 8081A	
.beta-bhc	ND	0.005	"	"	"	"	"	
.gamma-bhc (lindane)	ND	0.005	"	"	"	"	"	
.delta-bhc	ND	0.005	"	"	"	"	"	
.heptachlor	ND	0.005	"	"	"	"	"	
.aldrin	ND	0.005	"	"	"	"	"	
.heptachlor epoxide	ND	0.005	"	"	"	"	"	
.gamma-chlordane	ND	0.005	"	"	"	"	"	
.endosulfan I	ND	0.005	"	"	"	"	"	
.alpha-chlordane	ND	0.005	"	"	"	"	"	
.4,4'-dde	ND	0.005	"	"	"	"	"	
.dieldrin	ND	0.005	"	"	"	"	"	
.endrin	ND	0.005	"	"	"	"	"	
.endosulfan II	ND	0.005	"	"	"	"	"	
.4,4'-ddd	ND	0.005	"	"	"	"	"	
.endrin aldehyde	ND	0.005	"	"	"	"	"	
.endosulfan sulfate	ND	0.005	"	"	"	"	"	
.4,4'-ddt	ND	0.005	"	"	"	"	"	
.endrin ketone	ND	0.005	"	"	"	"	"	
.methoxychlor	ND	0.005	"	"	"	"	"	
.toxaphene	ND	0.050	"	"	"	"	"	

Surrogate: 1 decachlorobiphenyl

99.1 % % Recovery Limits

50-150

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

**SS-1,SS-14,SS-15 comp
0705117-21 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

Pesticides/PCB by ECD

alpha-bhc	ND	0.005	mg/kg	AQE0195	05/24/07	05/25/07	EPA 8081A	
beta-bhc	ND	0.005	"	"	"	"	"	
gamma-bhc (lindane)	ND	0.005	"	"	"	"	"	
delta-bhc	ND	0.005	"	"	"	"	"	
heptachlor	ND	0.005	"	"	"	"	"	
aldrin	ND	0.005	"	"	"	"	"	
heptachlor epoxide	ND	0.005	"	"	"	"	"	
gamma-chlordane	ND	0.005	"	"	"	"	"	
endosulfan I	ND	0.005	"	"	"	"	"	
alpha-chlordane	ND	0.005	"	"	"	"	"	
4,4'-dde	ND	0.005	"	"	"	"	"	
dieldrin	ND	0.005	"	"	"	"	"	
endrin	ND	0.005	"	"	"	"	"	
endosulfan II	ND	0.005	"	"	"	"	"	
4,4'-ddd	ND	0.005	"	"	"	"	"	
endrin aldehyde	ND	0.005	"	"	"	"	"	
endosulfan sulfate	ND	0.005	"	"	"	"	"	
4,4'-ddt	ND	0.005	"	"	"	"	"	
endrin ketone	ND	0.005	"	"	"	"	"	
methoxychlor	ND	0.005	"	"	"	"	"	
toxaphene	ND	0.050	"	"	"	"	"	
Surrogate: 1-decachlorobiphenyl		101 %	% Recovery Limits			50-150		

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.02 Project Manager: Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	----------------------------------

**SS-12,SS-13,SS-11 comp
0705117-22 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

Pesticides/PCB by ECD

.alpha-bhc	ND	0.005	mg/kg	AQE0195	05/24/07	05/25/07	EPA 8081A	
.beta-bhc	ND	0.005	"	"	"	"	"	
.gamma-bhc (lindane)	ND	0.005	"	"	"	"	"	
.delta-bhc	ND	0.005	"	"	"	"	"	
.heptachlor	ND	0.005	"	"	"	"	"	
.aldrin	ND	0.005	"	"	"	"	"	
.heptachlor epoxide	ND	0.005	"	"	"	"	"	
.gamma-chlordane	ND	0.005	"	"	"	"	"	
.endosulfan I	ND	0.005	"	"	"	"	"	
.alpha-chlordane	ND	0.005	"	"	"	"	"	
.4,4'-dde	ND	0.005	"	"	"	"	"	
.dieldrin	ND	0.005	"	"	"	"	"	
.endrin	ND	0.005	"	"	"	"	"	
.endosulfan II	ND	0.005	"	"	"	"	"	
.4,4'-ddd	ND	0.005	"	"	"	"	"	
.endrin aldehyde	ND	0.005	"	"	"	"	"	
.endosulfan sulfate	ND	0.005	"	"	"	"	"	
.4,4'-ddt	ND	0.005	"	"	"	"	"	
.endrin ketone	ND	0.005	"	"	"	"	"	
.methoxychlor	ND	0.005	"	"	"	"	"	
.toxaphene	ND	0.050	"	"	"	"	"	
<i>Surrogate: 1 decachlorobiphenyl</i>		92.1 %	% Recovery Limits			50-150		

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.02 Project Manager: Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	----------------------------------

**SS-10,SS-9,SS-5 comp
0705117-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

Pesticides/PCB by ECD

.alpha-bhc	ND	0.005	mg/kg	AQE0195	05/24/07	05/25/07	EPA 8081A	
.beta-bhc	ND	0.005	"	"	"	"	"	
.gamma-bhc (lindane)	ND	0.005	"	"	"	"	"	
.delta-bhc	ND	0.005	"	"	"	"	"	
.heptachlor	ND	0.005	"	"	"	"	"	
.aldrin	ND	0.005	"	"	"	"	"	
.heptachlor epoxide	ND	0.005	"	"	"	"	"	
.gamma-chlordane	ND	0.005	"	"	"	"	"	
.endosulfan I	ND	0.005	"	"	"	"	"	
.alpha-chlordane	ND	0.005	"	"	"	"	"	
.4,4'-dde	ND	0.005	"	"	"	"	"	
.dieldrin	ND	0.005	"	"	"	"	"	
.endrin	ND	0.005	"	"	"	"	"	
.endosulfan II	ND	0.005	"	"	"	"	"	
.4,4'-ddd	ND	0.005	"	"	"	"	"	
.endrin aldehyde	ND	0.005	"	"	"	"	"	
.endosulfan sulfate	ND	0.005	"	"	"	"	"	
.4,4'-ddt	ND	0.005	"	"	"	"	"	
.endrin ketone	ND	0.005	"	"	"	"	"	
.methoxychlor	ND	0.005	"	"	"	"	"	
.toxaphene	ND	0.050	"	"	"	"	"	
<i>Surrogate: 1 decachlorobiphenyl</i>		90.7 %	% Recovery Limits			50-150		

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Loomis Parcel 043-080-015 Project Number: 7107.02 Project Manager: Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	----------------------------------

**SS-8,SS-6,SS-7 comp
0705117-24 (Soil)**

Analyte	Result	Reporting Limit	Units	Batch	Date Prepared	Date Analyzed	Method	Notes
---------	--------	-----------------	-------	-------	---------------	---------------	--------	-------

Pesticides/PCB by ECD

alpha-bhc	ND	0.005	mg/kg	AQE0195	05/24/07	05/25/07	EPA 8081A	
beta-bhc	ND	0.005	"	"	"	"	"	
gamma-bhc (lindane)	ND	0.005	"	"	"	"	"	
delta-bhc	ND	0.005	"	"	"	"	"	
heptachlor	ND	0.005	"	"	"	"	"	
aldrin	ND	0.005	"	"	"	"	"	
heptachlor epoxide	ND	0.005	"	"	"	"	"	
gamma-chlordane	ND	0.005	"	"	"	"	"	
endosulfan I	ND	0.005	"	"	"	"	"	
alpha-chlordane	ND	0.005	"	"	"	"	"	
4,4'-dde	ND	0.005	"	"	"	"	"	
dieldrin	ND	0.005	"	"	"	"	"	
endrin	ND	0.005	"	"	"	"	"	
endosulfan II	ND	0.005	"	"	"	"	"	
4,4'-ddd	ND	0.005	"	"	"	"	"	
endrin aldehyde	ND	0.005	"	"	"	"	"	
endosulfan sulfate	ND	0.005	"	"	"	"	"	
4,4'-ddt	ND	0.005	"	"	"	"	"	
endrin ketone	ND	0.005	"	"	"	"	"	
methoxychlor	ND	0.005	"	"	"	"	"	
toxaphene	ND	0.050	"	"	"	"	"	
<i>Surrigate, 1 decachlorobiphenyl</i>		103 %	% Recovery Limits		50-150		"	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

METALS BY 6000/7000 SERIES - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AQE0224 - EPA 6010B										
Blank (AQE0224-BLK1)										
				Prepared: 05/25/07 Analyzed: 05/30/07						
Arsenic	ND	1.0	mg/kg							
Lead	ND	1.0	"							
LCS (AQE0224-BS1)										
				Prepared: 05/25/07 Analyzed: 05/30/07						
Arsenic	92.7	1.0	mg/kg	100		92.7	80-120			
Lead	93.0	1.0	"	100		93.0	80-120			
LCS Dup (AQE0224-BSD1)										
				Prepared: 05/25/07 Analyzed: 05/30/07						
Arsenic	92.2	1.0	mg/kg	100		92.2	80-120	0.536	25	
Lead	92.6	1.0	"	100		92.6	80-120	0.433	25	
Matrix Spike (AQE0224-MS1)										
				Source: 0705117-01			Prepared: 05/25/07 Analyzed: 05/30/07			
Arsenic	90.1	1.0	mg/kg	100	ND	90.1	75-125			
Lead	90.7	1.0	"	100	1.67	89.0	75-125			
Matrix Spike Dup (AQE0224-MSD1)										
				Source: 0705117-01			Prepared: 05/25/07 Analyzed: 05/30/07			
Arsenic	87.2	1.0	mg/kg	100	ND	87.2	75-125	3.32	25	
Lead	87.5	1.0	"	100	1.67	85.8	75-125	3.59	25	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

Pesticides/PCB by ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AQE0195 - EPA 8081A

Blank (AQE0195-BLK1)

Prepared & Analyzed: 05/24/07

Surrogate: 1 decachlorobiphenyl	0.0184		mg/kg	0.0200	92.0	50-150
.alpha-bhc	ND	0.005	"			
.beta-bhc	ND	0.005	"			
.gamma-bhc (lindane)	ND	0.005	"			
.delta-bhc	ND	0.005	"			
.heptachlor	ND	0.005	"			
.aldrin	ND	0.005	"			
.heptachlor epoxide	ND	0.005	"			
.gamma-chlordane	ND	0.005	"			
.endosulfan I	ND	0.005	"			
.alpha-chlordane	ND	0.005	"			
.4,4'-dde	ND	0.005	"			
.dieldrin	ND	0.005	"			
.endrin	ND	0.005	"			
.endosulfan II	ND	0.005	"			
.4,4'-ddd	ND	0.005	"			
.endrin aldehyde	ND	0.005	"			
.endosulfan sulfate	ND	0.005	"			
.4,4'-ddt	ND	0.005	"			
.endrin ketone	ND	0.005	"			
.methoxychlor	ND	0.005	"			
.toxaphene	ND	0.050	"			

LCS (AQE0195-BS1)

Prepared & Analyzed: 05/24/07

Surrogate: 1 decachlorobiphenyl	0.0171		mg/kg	0.0200	85.3	50-150
.gamma-bhc (lindane)	0.014	0.005	"	0.0200	72.2	50-150
.heptachlor	0.016	0.005	"	0.0200	80.9	50-150
.aldrin	0.014	0.005	"	0.0200	68.6	50-150
.dieldrin	0.038	0.005	"	0.0500	75.2	50-150
.endrin	0.045	0.005	"	0.0500	89.2	50-150
.4,4'-ddt	0.048	0.005	"	0.0500	95.3	50-150

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin 500 Menlo Drive, Suite 100 Rocklin, CA 95765	Project: Project Number: Project Manager:	Loomis Parcel 043-080-015 7107.02 Janine Brinkman	Date Reported: 11/25/08 10:43
--	---	---	----------------------------------

Pesticides/PCB by ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch AQE0195 - EPA 8081A

LCS Dup (AQE0195-BSD1)

Prepared & Analyzed: 05/24/07

Surrogate: 1 decachlorobiphenyl	0.0184		mg/kg	0.0200		91.9	50-150			
gamma-bhc (lindane)	0.016	0.005	"	0.0200	ND	79.8	50-150	10.1	25	
heptachlor	0.018	0.005	"	0.0200	ND	92.3	50-150	13.1	25	
aldrin	0.015	0.005	"	0.0200	ND	74.4	50-150	8.02	25	
dieldrin	0.041	0.005	"	0.0500	ND	82.4	50-150	9.05	25	
endrin	0.050	0.005	"	0.0500	ND	99.5	50-150	10.9	25	
4,4'-ddt	0.053	0.005	"	0.0500	ND	105	50-150	10.1	25	

Matrix Spike (AQE0195-MS1)

Source: 0705126-01

Prepared & Analyzed: 05/24/07

Surrogate: 1 decachlorobiphenyl	0.0177		mg/kg	0.0200		88.3	50-150			
gamma-bhc (lindane)	0.018	0.005	"	0.0200	ND	87.9	50-150			
heptachlor	0.020	0.005	"	0.0200	ND	98.8	50-150			
aldrin	0.017	0.005	"	0.0200	ND	84.7	50-150			
dieldrin	0.043	0.005	"	0.0500	ND	85.4	50-150			
endrin	0.054	0.005	"	0.0500	ND	108	50-150			
4,4'-ddt	0.052	0.005	"	0.0500	ND	105	50-150			

Matrix Spike Dup (AQE0195-MSD1)

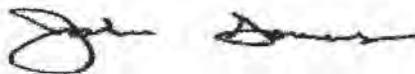
Source: 0705126-01

Prepared & Analyzed: 05/24/07

Surrogate: 1 decachlorobiphenyl	0.0167		mg/kg	0.0200		83.4	50-150			
gamma-bhc (lindane)	0.016	0.005	"	0.0200	ND	78.6	50-150	11.2	25	
heptachlor	0.018	0.005	"	0.0200	ND	88.1	50-150	11.5	25	
aldrin	0.015	0.005	"	0.0200	ND	75.9	50-150	11.0	25	
dieldrin	0.039	0.005	"	0.0500	ND	77.7	50-150	9.48	25	
endrin	0.050	0.005	"	0.0500	ND	99.4	50-150	8.18	25	
4,4'-ddt	0.049	0.005	"	0.0500	ND	98.3	50-150	6.55	25	

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates – Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

Notes and Definitions

ND - Analyte not detected at reporting limit.

NR - Not reported

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
500 Menlo Drive, Suite 100
Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
Project Number: 7107.02
Project Manager: Janine Brinkman

Date Reported:
11/25/08 10:43

Excelchem Environmental Labs 1135 W. Sunset Blvd. Unit 4 Rocklin, CA 95765 Ph: 916.531.4445 Fax: 916.545.4489		Project Name: LOOMIS PARCEL 043-080-015		Project Address: LOOMIS, CA		Project Manager: JANINE BRINKMAN		Project Number: 7107.02		Project Location: LOOMIS, CA			
Project Manager: JANINE BRINKMAN Wallace Kuhl & Associates 350 W. PARKWAY BLVD. SUITE 100, CA		Project Address: LOOMIS PARCEL 043-080-015		Project Address: LOOMIS, CA		Project Number: 7107.02		Project Location: LOOMIS, CA		Project Manager: JANINE BRINKMAN			
Project Manager: JANINE BRINKMAN Wallace Kuhl & Associates 350 W. PARKWAY BLVD. SUITE 100, CA		Project Address: LOOMIS PARCEL 043-080-015		Project Address: LOOMIS, CA		Project Number: 7107.02		Project Location: LOOMIS, CA		Project Manager: JANINE BRINKMAN			
CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST Electronic Data Deliverables Request: Email Address: Page 2 of 2	ANALYSIS REQUEST	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)	<input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G) <input checked="" type="checkbox"/> TPA as Directed (EPA 8160-G)
		Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38
		Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38	Date: 5/13/08 Time: 12:38

Excelchem Environmental Lab.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Laboratory Representative

Excelchem Environmental Labs

Wallace Kuhl and Associates - Rocklin
 500 Menlo Drive, Suite 100
 Rocklin, CA 95765

Project: Loomis Parcel 043-080-015
 Project Number: 7107.02
 Project Manager: Janine Brinkman

Date Reported: 11/25/08 10:43

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Electronic Data Deliverables Request: _____
 Email Address: _____

Page 2 of 2

ANALYSIS REQUEST

Method	Matrix	Sample ID	Result
Asbestos (Total)	Soil	SS-12	0.15 mg/kg
Asbestos (Total)	Soil	SS-13	0.10 mg/kg
Asbestos (Total)	Soil	SS-11	0.12 mg/kg
Asbestos (Total)	Soil	SS-10	0.11 mg/kg
Asbestos (Total)	Soil	SS-9	0.13 mg/kg
Asbestos (Total)	Soil	SS-5	0.14 mg/kg
Asbestos (Total)	Soil	SS-8	0.16 mg/kg
Asbestos (Total)	Soil	SS-6	0.17 mg/kg
Asbestos (Total)	Soil	SS-7	0.18 mg/kg

Remarks/Condition of Sample:
 BEST CASE! LAMINATE EVALUATION OF THREE
 SS-12, SS-13, SS-11 / SS-10, SS-9, SS-8, SS-6, SS-7

Excelchem Environmental Labs
 115 W. Second Blvd., Unit A
 Rocklin, CA 95765
 Ph: 916-543-4488 Fax: 916-693-4400

Project Manager: **JANINE BRINKMAN**
 Email: jbrinkman@excelchem.com

Client: **WALLACE-KUHL**
 5257 SOMERON BLVD. N. SAC, CA
 Project Manager: **Janine Brinkman**
 Project Number: **7107.02**
 Project Location: **Loomis, CA**

Sample ID	Date	Time	Sampling	Container	Method of Preservation	Matrix	Received by	
							Date	Time
SS-12	5/22/08	10:00	Soil	PLASTIC	None/Other	Soil	5/22/08	12:30
SS-13	5/22/08	11:00	Soil	PLASTIC	None/Other	Soil	5/22/08	12:30
SS-11	5/22/08	11:05	Soil	PLASTIC	None/Other	Soil	5/22/08	12:30
SS-10	5/22/08	11:05	Soil	PLASTIC	None/Other	Soil	5/22/08	12:30
SS-9	5/22/08	11:05	Soil	PLASTIC	None/Other	Soil	5/22/08	12:30
SS-5	5/22/08	11:05	Soil	PLASTIC	None/Other	Soil	5/22/08	12:30
SS-8	5/22/08	11:05	Soil	PLASTIC	None/Other	Soil	5/22/08	12:30
SS-6	5/22/08	11:05	Soil	PLASTIC	None/Other	Soil	5/22/08	12:30
SS-7	5/22/08	11:05	Soil	PLASTIC	None/Other	Soil	5/22/08	12:30

Relinquished by: *[Signature]*
 Relinquished by: _____
 Date: 5/22/08 Time: 12:30
 Received by Laboratory: _____
 Date: 5/22/08 Time: 12:30