
APPENDIX A

GEOTECHNICAL INVESTIGATION

**GEOTECHNICAL INVESTIGATION
PROPOSED 9-UNITS RESIDENTIAL STRUCTURES
ARAUJO AVENUE AND PIETRO DRIVE
SAN JOSE, CALIFORNIA**

REPORT TO:

**MR. TONY BAIG
VILLA DEVELOPERS AND INVESTMENT, LLC
1210 SOUTH BASCOM AVENUE, SUITE 228
SAN JOSE, CA 95128**

BY:

**WAYNE TING AND ASSOCIATES, INC.
42329 OSGOOD ROAD, UNIT A
FREMONT, CALIFORNIA**

**PROJECT NO. 3302
FEBRUARY 2015**

Project No. 3202
26 February 2015

WAYNE TING & ASSOCIATES, INC.

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Mr. Tony Baig
Villa Developers and Investment, LLC
1210 South Bascom Avenue, Suite 228
San Jose, CA 95128

Subject: **GEOTECHNICAL INVESTIGATION**
Proposed 9-Units Residential Structures
Araujo Avenue and Pietro Drive
San Jose, California

- References:
1. Guidelines for Evaluating and Mitigating Seismic Hazards in California Special Publication 117A, Division of Mines and Geology, 2008
 2. Recommendation Procedures for Implementation of DMG Special Publication 117, Guidelines for Analyzing Landslide Hazards in California
By ASCE Los Angeles Section Geotechnical Group
Dated June 2002
 3. Seismic Hazard Zone Report 051 for the Milpitas 7.5-Minute Quadrangle, Santa Clara County, California, 2001
 4. Assessment of the Liquefaction Susceptibility of Fine-Grain Soils
By Jonathan D. Bray and Rodolfo B. Sancio, Journal of Geotechnical and Geoenvironmental Engineering, ASCE, September 2006, pp.1165-1177
 5. Estimating Liquefaction-Induced Lateral Displacements Using the Standard Penetration Test or Cone Penetration Test
By G. Zhang, P.K. Robertson, and R.W. Brachman, Journal of Geotechnical and Geoenvironmental Engineering, ASCE, August 2004, pp.861-870

Dear Mr. Baig:

In accordance with your authorization, Wayne Ting & Associates, Inc. (WTAI) has completed a geotechnical investigation for the proposed single family subdivision at the subject site. The purpose of this study was to investigate the site conditions and obtain geotechnical data for use in the design and construction of the proposed development. The scope of this investigation included the following:

- a. Drilled two borings to the maximum depth of 45.0 feet and one boring to 18.5 feet to obtain samples for laboratory testing.

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- b. Laboratory testing of selected soil samples.
- c. Analysis of soil samples and information obtained.
- d. Preparation and writing of this report which presents our findings, conclusions, and recommendations.

Our findings indicate that the proposed structure is feasible from a geotechnical engineering standpoint provided the recommendations in this report are carefully followed.

SITE LOCATION AND DESCRIPTION

The subject site is a relatively flat vacant lot and located at west intersection of Araujo Avenue and Pietro Drive, San Jose, California (vicinity Map, Figure 1.) The subject is bounded to the east by Araujo Avenue, to south by a gulf course. Coyote Creek is located approximately 0.6 miles southwest the subject site.

PLANNED DEVELOPMENT

We anticipate that the proposed subdivision will consist of ten single family structures. The structures will be two-story and use wood frames with concrete floor construction. Low to moderate building loads are typically associated with this type of construction.

FIELD INVESTIGATION

WTAI conducted a field investigation on March 19, 2014. The field investigation consisted of a site reconnaissance by the Project Engineer and the excavation of three exploratory borings using a truck mounted drill-rig with an 8.0-inch hollow-stem auger. The locations of the drill borings are shown on Appendix A, Figures 2, Site Plan.

Soils encountered during the excavation operations were continuously logged in the field. Relatively undisturbed samples were obtained by dynamically driving 18 inches using a 3.0-inch outside diameter Modified California Sampler with a 140-pound hammer free falling 30 inches. Blow counts were recorded for every 6-inch penetration interval, and reported corresponding to the last 12 inches of penetration. These samples were then sealed and returned to the laboratory for testing. The classifications and descriptions of the soils encountered, the natural moisture content and/or dry density, and the depths from which the samples were obtained are shown in the Boring Logs, Figures 3 through 5 of Appendix A.

LABORATORY TESTING

CLASSIFICATION

The field classifications of the samples were visually verified in the laboratory in accordance with the Unified Soil Classification System. These classifications are presented in the Boring Logs, Figures 3 through 5.

MOISTURE-DENSITY

The natural moisture contents and/or dry weights were determined for selected samples obtained during our field investigation. These data are presented in the aforementioned Boring Logs.

UNCONFINED COMPRESSION

Unconfined Compression Test was performed on a relatively undisturbed sample to evaluate the ultimate compressive strength of the soil. The test result is presented in the Boring Logs.

ATTERBERG LIMITS

The Atterberg Limits Test was determined for the selected soil sample to classify, as well as to obtain an indication of the expansion and shrinkage potential with respect to moisture content variations. The test results are summarized as follows:

<i>Sample</i>	<i>Depth</i>	<i>Classification</i>	<i>Liquid Limit</i>	<i>Plasticity Index</i>
B1-1	2.0 feet	Medium brown silty clay (CL)	41.0%	24
B1-3	12.0 feet	Medium brown sandy clay (CL)	31.0%	17
B 2-6	28.0 feet	Medium brown silty clay (CL)	33.0%	18

The Atterberg Limits tests indicate that a representative sample of the soil is of moderate plasticity. The expansion potential for these soils is thus moderate.

SIEVE ANALYSIS

Sieve analysis was performed on two selected soil samples of the subsurface soils in order to assist the classification of the soils and in evaluating the potential of liquefaction. The percent passing the #200 sieve was determined on the samples. The test was performed in accordance with ASTM Designation D-1140. The results of the test are shown on the boring logs at the appropriate sample depths.

SUBSURFACE SOIL CONDITIONS

The following soil descriptions were derived from our site reconnaissance and the information obtained from our exploratory boring samples. Detailed description of the materials encountered in the exploratory boring and the results of laboratory testing are presented in the Figures 3 through 5.

Boring 1, the subsurface soils consisted of medium brown to brown silty clay and sandy clay, firm to stiff, moist, to the maximum depth explored of 18.5 feet below the ground surface (BGS). Two thin layers of silty fine sand were encountered between 6.0 and 7.0 feet BGS and 18.0 and 18.5 feet BGS.

Boring 2, the subsurface soils consisted of 17.0 feet of medium brown to brown silty clay and sandy clay, firm and moist, followed by brown sandy silt and clayey silt, to 19.0 feet BGS, followed by light gray, silty clay, firm and moist, to 22.0 feet BGS. Below the clay, brown gravelly sand, medium dense and moist was encountered to 25.0 feet BGS, followed by brown and gray, silty clay, stiff and moist, to the maximum depth explored of 44.0 feet below the ground surface (BGS).

Boring 3, the subsurface soils consisted of medium brown to brown silty clay, firm to stiff, moist to very moist, to the maximum depth explored of 43.5 feet below the ground surface (BGS). A layer of silty sand with clay, medium dense and moist, was encountered between 22.0 and 27.0 feet BGS.

According to reference 3, the on-site soils are Qhf, Holocene alluvial fan deposits.

Ground water was encountered at 10.0 feet in the exploratory borings at the time of the field study. It is noted that fluctuations in the groundwater table are anticipated to vary with respect to seasonal rainfall. According to Plate 1.2 of Reference 3, the depth to historic high ground water at the site is reportedly to be on the order of 9.0 feet.

LIQUEFACTION EVALUATION

Soil liquefaction is a phenomenon in which saturated (submerged) cohesionless soils can be subjected to a temporary loss of strength due to the buildup pore water pressures, especially as a result of cyclic loadings such as induced by earthquakes. In the process, the soil acquires a mobility

sufficient to permit both horizontal and vertical deformations, if not confined. Soils that are most susceptible to liquefaction are clean, loose, saturated, uniformly graded, fine sands.

The subsurface soils consist of silty clay. Therefore, it is our opinion that the probability of liquefaction at the site is low. However, the criteria established by Bray and Sancio (Reference 5) indicate it is unlikely that plastic fine-grained soils with water content to Liquid Limit (w_c/LL) ratio < 0.8 are susceptible to liquefaction, and those young, shallow, non-plastic silts and clayey silts with Plasticity Index (PI) < 12 and w_c/LL ratio > 0.85 can liquefy under significant cyclic loading. Additionally, clayey silts and silty clays of moderate plasticity ($12 < PI < 18$) at $w_c/LL > 0.8$ can undergo liquefaction when shaken intensely for a significant number of cycles of loading. Therefore, we run an Atterberg Limits test at the sample below the depth to historically highest groundwater. The sample is at approximately 12.0 feet in boring 1 and 28.0 feet in boring 2.

We have performed Atterberg limits tests on the cohesive soils below the depth to historically high ground water to evaluate the liquefaction potential based on Bray and Sancio (2006) criteria. The test results are presented in the table below.

Table 1. Ratios of Water Content and Liquid Limit

Boring No.	Depth of Soil Sample	Soil Description	Natural Water Content (W_c) (%)	Liquid Limit (%)	W_c/LL Ratio
B1-3	12 feet	sandy clay	14.6	31	0.47
B2-6	28 feet	sandy clay	22.6	33	0.68

The test results indicate that $W_c/LL=0.47$ in the above boring 1 and $W_c/LL=0.68$ in above boring 2, respectively. W_c/LL for both samples are less than 0.8.

Based on the laboratory test results and the screening criteria established by Bray and Sancio (Reference 4), it is our opinion that the clay layers below the historically high ground water level at the site may be characterized as having low potential for liquefaction.

It is noted that hollow-stem drilling methods may obtain lower blow counts comparing with rotary wash sampling method in soils below the ground water table. Liquefaction analysis based on the blow counts from hollow-stem drilling augers, the analysis may obtain conservative results.

We have conducted a liquefaction for the site based on procedures outline in the CGS Special Publication 117A (2008), Guideline for Evaluating and mitigating Seismic Hazards in California,

Department of Conservation, Division of Mines and Geology. The evaluation procedure is a semi-empirical method for a moment magnitude Mw 7.9 earthquake, a peak horizontal ground acceleration of 0.57g and groundwater depth of 9.0 feet. Earthquake magnitude and the site acceleration are obtained from Reference 3. We analyze the site liquefaction potential utilizing a computer program call "Liquefypro" by CivilTech; this program is based on the most recent publications of NCEER Workshop and procedure outline in SP117A Implementation (Reference 1).

The resistance to cyclic shaking is quantified by the Cyclic Resistance Ratio (CRR), which is a function of soil density, layer depth, ground water depth, and earthquake magnitude. The Cyclic Stress Ratio (CSR) is used to quantify the stresses that are anticipated to develop during cyclic shaking. The formula for CSR is shown below:

$$CSR = 0.65 (a_{max}/g)(s_{vo}/s_{vo}')r_d$$

Where a_{max} is the peak horizontal acceleration at the ground surface generated by an earthquake, g , is the acceleration of gravity, s_{vo} and s_{vo}' are total and effective overburden stresses, respectively, and r_d is a stress reduction coefficient.

The factor of safety (FS) against liquefaction can be expressed as the ratio of the CRR to CSR. If the FS for a soil layer is less than 1.3, the soil layer is considered liquefiable during a moderate to large seismic event.

Based on our analysis using Modified Robertson and Ishihara & Yosemine, it is our opinion that the probability of liquefaction of sand and silt at this site is high. The factors of safety are less than 1.3 on several layers of sand and silt in different depths. In addition, estimated total settlements include saturated settlements and dry settlements. The results of the analysis are presented in Appendix B.

Results of Liquefaction Analysis of SPT Method

Boring No.	Depth to top Sand Layer	Layer of Thickness	Estimated Saturated Settlement	Estimated Dry Settlement	Estimated Total Settlement
Boring 2	17.0 feet	24 inches	0.76 inches	0.00	
Boring 2	22.0 feet	36 inches	0.46 inches	0.00	
					1.22 inches

Boring No.	Depth to top Sand Layer	Layer Thickness	Estimated Saturated Settlement	Estimated Dry Settlement	Estimated Total Settlement
Boring 3	22.0 feet	60 inches	1.56 inches	0.00 inches	1.56 inches

LATERAL SPREADING:

Lateral spreading typically occurs as a form of horizontal displacement of relatively flat-lying alluvium material toward an open or “free” face such as an open body of water, channel, or excavation. In soils this movement is generally due to failure along a weak plane, and may often be associated with liquefaction. As cracks develop within the weakened material, blocks of soils displace laterally toward the open face. Cracking and lateral movement may gradually propagate away from the face as blocks continue to break free. Generally, failure in this mode is analytically unpredictable, since it is difficult to determine where the first tension crack will occur.

The current Coyote Creek is far enough (3,200 feet) from the proposed site improvements. Therefore, the probability of lateral spreading affecting the site during a seismic event is low.

CALIFORNIA BUILDING CODE SITE CHARACTERIZATION

According to the maps published by International Conference of Building Officials (I.C.B.O.), in February 1998, the nearest active fault to the subject site is the Hayward Fault (southeast extension) which is located approximately 5.0 kilometers northeast. The Calaveras Fault is located 9.0 kilometers northeast. The San Andreas Fault is located approximately 23.0 kilometers southwest. Therefore, the potential for surface fault trace rupture is considered to be negligible.

In according with Chapter 16 of the 2013 California Building Code (CBC), the site seismic design values are provided as follow:

<u>CBC Category/Coefficient 2010 ASCE 7 (with July 2013 errata)</u>	<u>Design Value</u>
Short-Period MCE at 0.2s, Site Class B, Ss	1.500
1.0s Period MCE, Site Class B, S1	0.600
Soil Profile Type, Site Class	Sd
Site Coefficient, Fa	1.0
Site Coefficient, Fv	1.5
$S_{MS} = Fa \times S_s$ Spectral Response Accelerations	1.500
$S_{M1} = Fv \times S_1$ Spectral Response Accelerations	0.900
$S_{DS} = 2/3 \times S_{MS}$ Design Spectral Response Accelerations	1.000
$S_{D1} = 2/3 \times S_{M1}$ Design Spectral Response Accelerations	0.600
** Latitude: 37.37925 Longitude: -121.88105	

DISCUSSIONS, CONCLUSIONS AND RECOMMENDATIONS

GENERAL CONSIDERATIONS

1. Based on the results of our investigation, WTAI concludes that the subject site is geotechnically suitable for the proposed residential development. The proposed building can be constructed provided the recommendations presented in this report are incorporated into the project plans.
2. It is recommended that WTAI should review the grading and foundation plans and specifications so that comments can be made regarding the interpretation and implementation of our geotechnical recommendations in the design and specifications.
3. It is further recommended that WTAI be retained for observation during grading, compaction grouting, and foundation construction phases to help determine that the design requirements are fulfilled. Our firm should be notified at least two working days prior to compaction grouting and/or foundation operations on the property. Any work related to the grading and/or foundation operations performed without the direct observation of WTAI will invalidate the recommendations of this report.
4. The recommendations given in this report are applicable only for the design of the previously described structures and only at the location indicated on the site plan. They should not be used for any other purpose.

SITE PREPARATION AND GRADING

5. Prior to grading, the proposed structure area should be cleared of all obstructions and deleterious materials. After clearing, these areas should be stripped of all organic topsoil. It is estimated that stripping depths of 4 to 6 inches may be necessary. The predominantly organic material from the stripping should be removed from the site.
6. Following stripping, the upper 12 inches of soils should be scarified. After scarifying, the exposed native subgrade soil should be watered or aerated as necessary to bring the soils to a moisture content of two percent above optimum moisture. The subgrade should then be uniformly recompacted to a minimum degree of relative compaction of 90 percent of the maximum dry density as determined by ASTM D1557 Latest Edition Laboratory Test Procedure.
7. Following recompaction of the native subgrade soils, the site may be filled to the desired finished grade using suitable on-site native soil. All fills should be placed in lifts not exceeding 8 inches in uncompacted thickness and compacted to the abovementioned compaction requirements.

FOUNDATION

8. To minimize differential movements of foundation from the potential soil movements from liquefaction, existing moderate expansive clay, and building loads, we recommend the proposed structure should be supported on a mat slab.

9. The mat foundation should be designed for an allowable bearing pressure of 1,500 p.s.f. due to dead loads plus live loads, and 2,000 p.s.f. due to all loads which include wind or seismic forces. In addition, modulus of subgrade reaction of 50 k.c.f. should be used for the design of the mat slab foundation. The edges of the mat slabs should be deepened to a minimum 10 inches below the bottom of the proposed crushed rock recommended in Item 12.

10. The available resistance to lateral loads when utilizing a structural slab is limited to the sliding resistance along the base of the slab. Sliding resistance between the bottom of the slab and the underlying soil should be based on a friction value of 0.30.

11. We estimate that the post-construction differential movements across the building may be approximately 1.0-inch during the life of the building following construction.

SLABS ON GRADE

12. To reduce the potential cracking of the concrete slab, concrete slab-on-grade should be underlain by at least 4.0 inches of 3/4-inch clean crushed rock. In addition, a layer of 15-mil membrane serving as a vapor retarder should be placed over the above recommended crushed rock to minimize condensation caused by temperature differentials under the floor covering.

ASPHALTIC CONCRETE DRIVEWAY

13. Prior to the beginning of any paving construction, the upper 10 inches of the subgrade soil should be scarified and recompact to 95% of the maximum dry density at 2% above the optimum moisture value as defined by ASTM D1557 Latest Edition Test Procedure.

14. After compaction of the subgrade, Class II aggregate base material should then be placed and also be compacted to a minimum relative compaction of 95% at optimum moisture content based on the aforementioned ASTM Test Procedure.

15. A minimum of 3.0 inches of asphaltic concrete on 12.0 inches of Class II aggregate base material should be utilized.

TRENCH BACKFILL

16. Backfilling and compaction of utility trenches must meet the requirements published by the City of San Jose, Department of Public Works. All trench backfill under pavement areas must be backfilled with native or imported soil and compacted to at least 95% relative compaction.

17. The backfill of utility trenches extending under the building and landscaping area should be properly compacted to ensure against water migration underneath the structure.

18. Specific excavation considerations are beyond the scope of this report. However, stable excavations over 5 feet deep for utility construction will require a temporary stable cut slope and/or proper shoring. Proper shoring and stable cut slope construction should be in accordance with the Occupational Safety and Health Administration (OSHA) requirements.

GENERAL CONSTRUCTION REQUIREMENTS

19. All finish grades must be adjusted to provide positive drainage away from the structure to prevent ponding of water under the building.

20. All surface drainage should be maintained by the property owners at all times to minimize foundation movement.

21. Roof drainage should be collected by a system of gutters and downspouts and discharged by adequate piping to carry storm water away from the structures.

LIMITATIONS AND UNIFORMITY OF CONDITIONS

22. Our client should recognize that every effort made to evaluate the subsurface conditions at this site is based on the samples recovered from the borings and the results of laboratory tests on these samples. The conclusions reached in this report were based on the conditions at the test boring location. The owner or his representative should be reminded that unanticipated subsurface conditions are commonly encountered and cannot be fully determined by taking subsurface samples, and frequently require that additional expenditures be made to attain a properly constructed project.

23. The conclusions and recommendations contained in this report will not be considered valid after a period of two years unless the changes are reviewed, and the conclusions of this report are modified or verified in writing.

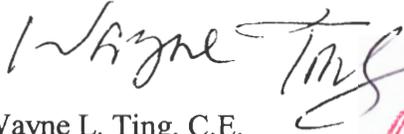
24. This report is issued with the understanding that it is the responsibility of the owner or his representative, to ensure the information and recommendations contained in this report are brought to the attention of the architect, engineer, and contractor. In all cases, the contractor shall retain responsibility for the quality of the work and for repairing defects regardless of when they are found. It is also the responsibility of the contractor for conforming to the project plans and specifications.

Project No. 3202
26 February 2015

Should you have any questions relating to the contents of this report, please contact our office at your convenience.

Very truly yours,

WAYNE TING & ASSOCIATES, INC.



Wayne L. Ting, C.E.
Principal Engineer

Copies: 3 to Mr. Baig

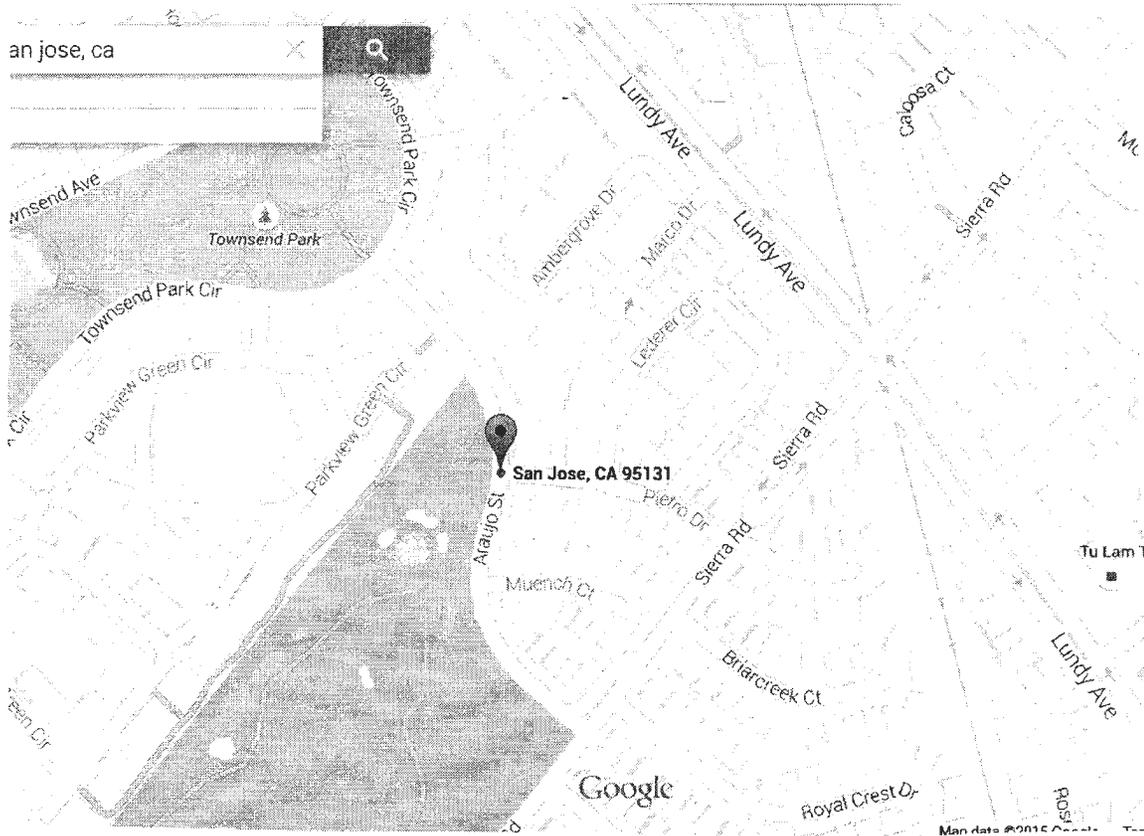


APPENDIX A

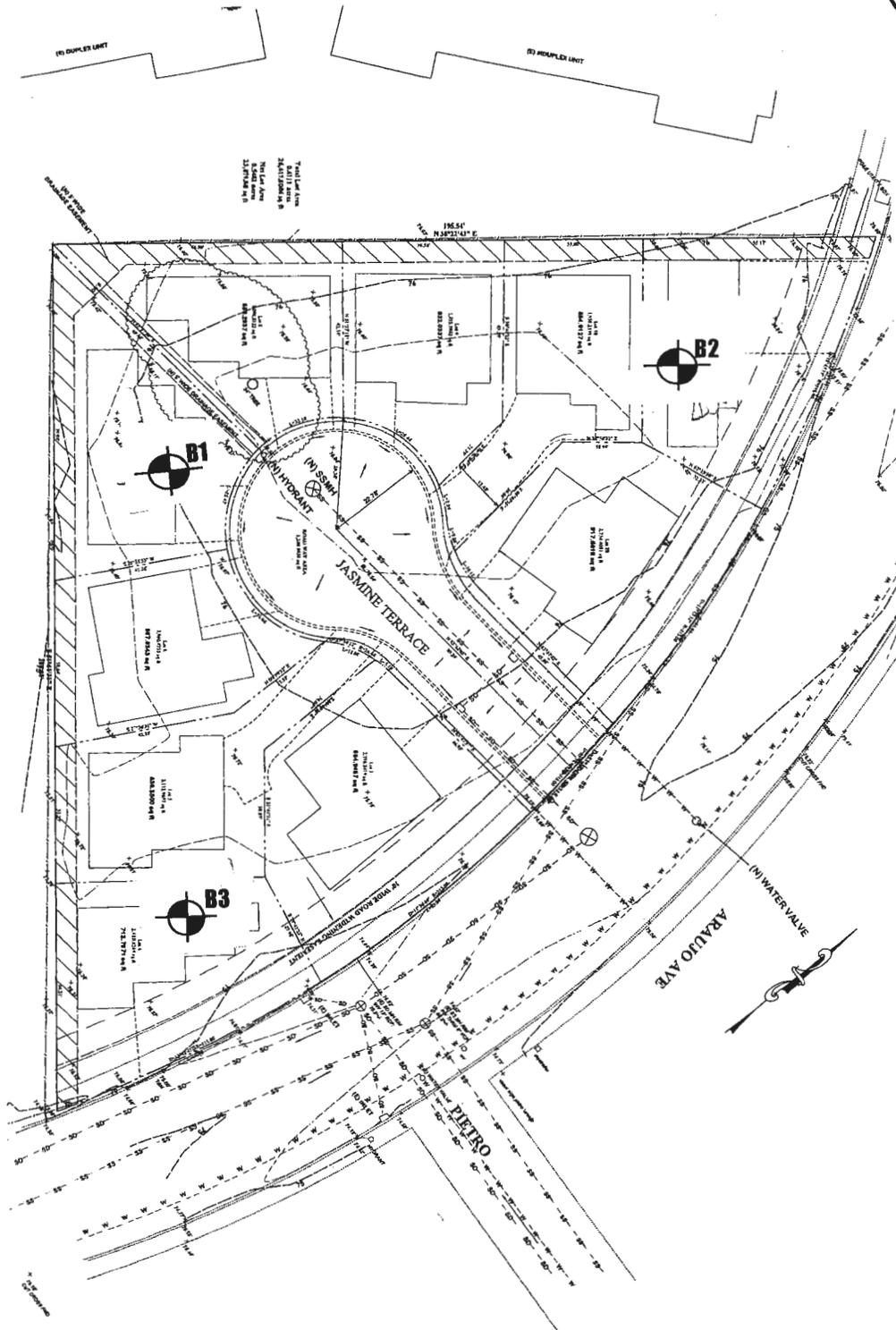
Vicinity Map, Figure 1

Site Plan, Figure 2

Boring Logs, Figures 3 through 5



WAYNE TING & ASSOCIATES, INC.	VICINITY MAP	<i>Figure No. 1</i>
GEOTECHNICAL CONSULTANTS	Scale: N / A	<i>Page No. 13</i>



WAYNE TING & ASSOCIATES, INC.

Site Plan

Figure No. 2

GEOTECHNICAL CONSULTANTS

Scale: 1"=40'

Page No. 14

Depth (Feet)	Description	Sample No.	Unified Soil Classification	Blows/Foot (350 Ft.-Lbs)	Dry Density (P.C.F)	Moisture (% Dry Density)	Pocket Penet. (T.S.F)	Remarks
1	Medium brown silty clay, stiff and very moist	1-1	CL	13	115.0	16.7	>5.0	LL = 41% PI = 24 Qu = 7,000 p.s.f.
2								
3								
4	Brown silty sand, medium dense and moist	1-2	SM	8	106.1	26.5	2.5	
5								
6	Medium brown silty clay, firm and very moist	1-3	CL	6	109.2	14.6	1.0	LL = 31% PI = 17 Wc/LL=14.6/31=0.47 Non Susceptible to Liquefaction
7								
8	Medium brown sandy clay, firm and very moist	1-4	CL	13	105.5	18.9	1.0	58% passed #200
9								
10	 (Water at 10 feet)							
11	Medium brown sandy clay, firm and very moist	1-3	CL	6	109.2	14.6	1.0	LL = 31% PI = 17 Wc/LL=14.6/31=0.47 Non Susceptible to Liquefaction
12								
13	Brown silty sand with gravel, medium dense	1-4	CL	13	105.5	18.9	1.0	58% passed #200
14								
15	Boring terminated at 18.5 feet.							
16	Water encountered at 10.0 feet.							
17								
18								
19								
20								
21								
22								
23								
24								
25								

Depth (Feet)	Description	Sample No.	Unified Soil Classification	Blows/Foot (350 Ft.-Lbs)	Dry Density (P.C.F)	Moisture (% Dry Density)	Pocket Penet. (T.S.F)	Remarks	
1	Medium brown to dark brown silty clay, firm and very moist		CL						
2		2-1		8	112.0	20.0	>5.0		
3	Brown sandy clay, stiff and very moist								
4									
5									
6									
7	Medium brown silty clay, firm and very moist	2-2		7	94.0	27.1	2.0		
8									
9									
10	 (water at 10.0 feet)								
11									
12	Medium brown sandy clay with fine gravels, firm and very moist	2-3		8	107.1	20.6	1.0		
13									
14									
15									
16									
17	Brown sandy silt with clay and gravel	2-4	ML	7	109.9	19.0	2.5		
18	Brown clayey silt, firm and very moist								
19	Light gray silty clay, firm and very moist		CL						
20									
21									
22	Brown gravelly sand, medium dense and moist	2-5	SP	31	121.7	6.0			
23									
24									
25	Brown sandy clay, firm and very moist		CL						
WAYNE TING & ASSOCIATES, INC.		BORING LOG NO. 2					<i>Figure No. 4</i>		
GEOTECHNICAL CONSULTANTS		<i>Date Drilled: 19 March 2014</i>		<i>By: T.N.</i>		<i>Page No. 16</i>			

Depth (Feet)	Description	Sample No.	Unified Soil Classification	Blows/Foot (350 Ft.-Lbs)	Dry Density (P.C.F)	Moisture (% Dry Density)	Pocket Penet. (T.S.F)	Remarks
26	Continue		CL					LL=33% PI=18 Wc/LL=22.6/33=0.68 Non Susceptible to Liquefaction
27								
28		2-6		21	105.8	22.6	1.5	
29	Medium brown silty clay with fine sand, very stiff and very moist							
30								
31								
32	Medium brown silty clay with fine sand, very stiff and very moist							
33		2-7	22	101	22.9	2.0		
34								
35	Light gray silty clay, stiff and very moist							
36								
37								
38	Light gray silty clay, stiff and very moist							
39		2-8	10	103	23.0	1.0		
40								
41								
42								
43		2-9	16					
44	Boring terminated at 44.0 feet. Groundwater encountered at 10.0 feet							
45								
46								
47								
48								
49								
50								
WAYNE TING & ASSOCIATES, INC.		BORING LOG NO. 2 (cont')					<i>Figure No. 4</i>	
GEOTECHNICAL CONSULTANTS		<i>Date Drilled: 19 March 2014</i>		<i>By: T.N.</i>		<i>Page No. 17</i>		

Depth (Feet)	Description	Sample No.	Unified Soil Classification	Blows/Foot (350 Ft.-Lbs)	Dry Density (P.C.F)	Moisture (% Dry Density)	Pocket Penet. (T.S.F)	Remarks	
1	Medium brown to dark brown silty clay, firm and very moist		CL						
2									
3		3-1		9	111.3	20.3	4.0		
4									
5									
6									
7	Medium brown silty clay with sand, firm and very moist								
8		3-2	5	98.6	24.4	1.0			
9									
10	(water at 10.0 feet)								
11									
12	Brown sandy clay with fine gravels, firm and very moist								
13		3-3	5	106.4	21.2	1.0			
14									
15									
16									
17	Medium brown silty clay with fine gravels, stiff and very moist								
18		3-4	10	120.1	15.3	3.0			
19									
20									
21									
22	Light brown silty sand with clay, medium dense and very moist		SM						
23		3-5		13	112.6	14.5	44% pass #200		
24									
25									
WAYNE TING & ASSOCIATES, INC.		BORING LOG NO. 3					Figure No. 5		
GEOTECHNICAL CONSULTANTS		Date Drilled: 19 March 2014		By: T.N.		Page No. 18			

Depth (Feet)	Description	Sample No.	Unified Soil Classification	Blows/Foot (350 Ft.-Lbs)	Dry Density (P.C.F)	Moisture (% Dry Density)	Pocket Penet. (T.S.F)	Remarks
26	Continue		SM					
27	Light brown silty clay, firm and very moist	3-6	CL	7	97.5	27.6	1.0	
28								
29	Brown silty clay, firm and slightly moist	3-7		11	117.1	8.1	1.5	
30								
31								
32	Brown silty clay, stiff and very moist	3-8		9	107.8	21.3		
33								
34								
35								
36								
37								
38		3-9		10	110.9	19.6		
39								
40	Boring terminated at 43.5 feet. Groundwater encountered at 10.0 feet							
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APPENDIX B

THE LIQUEFACTION INDUCED SETTLEMENT ANALYSIS

Araujo avenue 9_San Jose_3202.sum

LIQUEFACTION ANALYSIS CALCULATION SHEET

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Input File Name: C:\Users\ting wayne\Desktop\OLD share
documents\Liquefaction\Araujo avenue 9_San Jose_3202.liq
Title: Aranjo Avenue, San Jose, California
Subtitle: Project # 3202

Surface Elev.=
Hole No.=2
Depth of Hole= 44.0 ft
Water Table during Earthquake= 9.0 ft
Water Table during In-Situ Testing= 9.0 ft
Max. Acceleration= 0.57 g
Earthquake Magnitude= 7.9

Hammer Energy Ratio, Ce=1
Borehole Diameter, Cb=8"
Sampling Method, Cs=1.2
SPT Fines Correction Method: Stark/Olson et al.*
Settlement Analysis Method: Ishihara / Yoshimine*
Fines Correction for Liquefaction: Stark/Olson et al.*
Fine Correction for Settlement: Post-Liq. Correction *
Average Input Data: Smooth*
* Recommended Options

Input Data:

Depth ft	SPT	Gamma pcf	Fines %
0.0	8.0	134.4	NoLiq
2.0	8.0	134.4	NoLiq
7.0	7.0	119.5	NoLiq
12.0	4.0	129.5	NoLiq
17.0	7.0	130.8	NoLiq
19.0	7.0	130.8	NoLiq
22.0	31.0	129.0	NoLiq
25.0	6.0	129.7	NoLiq
27.0	6.0	129.7	NoLiq
32.0	22.0	124.0	NoLiq
37.0	10.0	127.0	NoLiq
43.0	12.0	127.0	NoLiq

Output Results:

Settlement of saturated sands=1.22 in.
Settlement of dry sands=0.00 in.
Total settlement of saturated and dry sands=1.22 in.
Differential Settlement=0.611 to 0.807 in.

Araujo avenue 9_San Jose_3202.sum

Depth ft	CRRm	CSRfs w/fs	F.S.	S_sat. in.	S_dry in.	S_all in.
0.00	2.00	0.37	5.00	1.22	0.00	1.22
5.00	2.00	0.37	5.00	1.22	0.00	1.22
10.00	2.00	0.38	5.00	1.22	0.00	1.22
15.00	2.00	0.44	5.00	1.22	0.00	1.22
20.00	2.00	0.48	5.00	0.46	0.00	0.46
25.00	0.13	0.51	0.26*	0.00	0.00	0.00
30.00	2.00	0.52	5.00	0.00	0.00	0.00
35.00	2.00	0.52	5.00	0.00	0.00	0.00
40.00	2.00	0.51	5.00	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units Depth = ft, Stress or Pressure = tsf (atm), Unit weight =
pcf, Settlement = in.

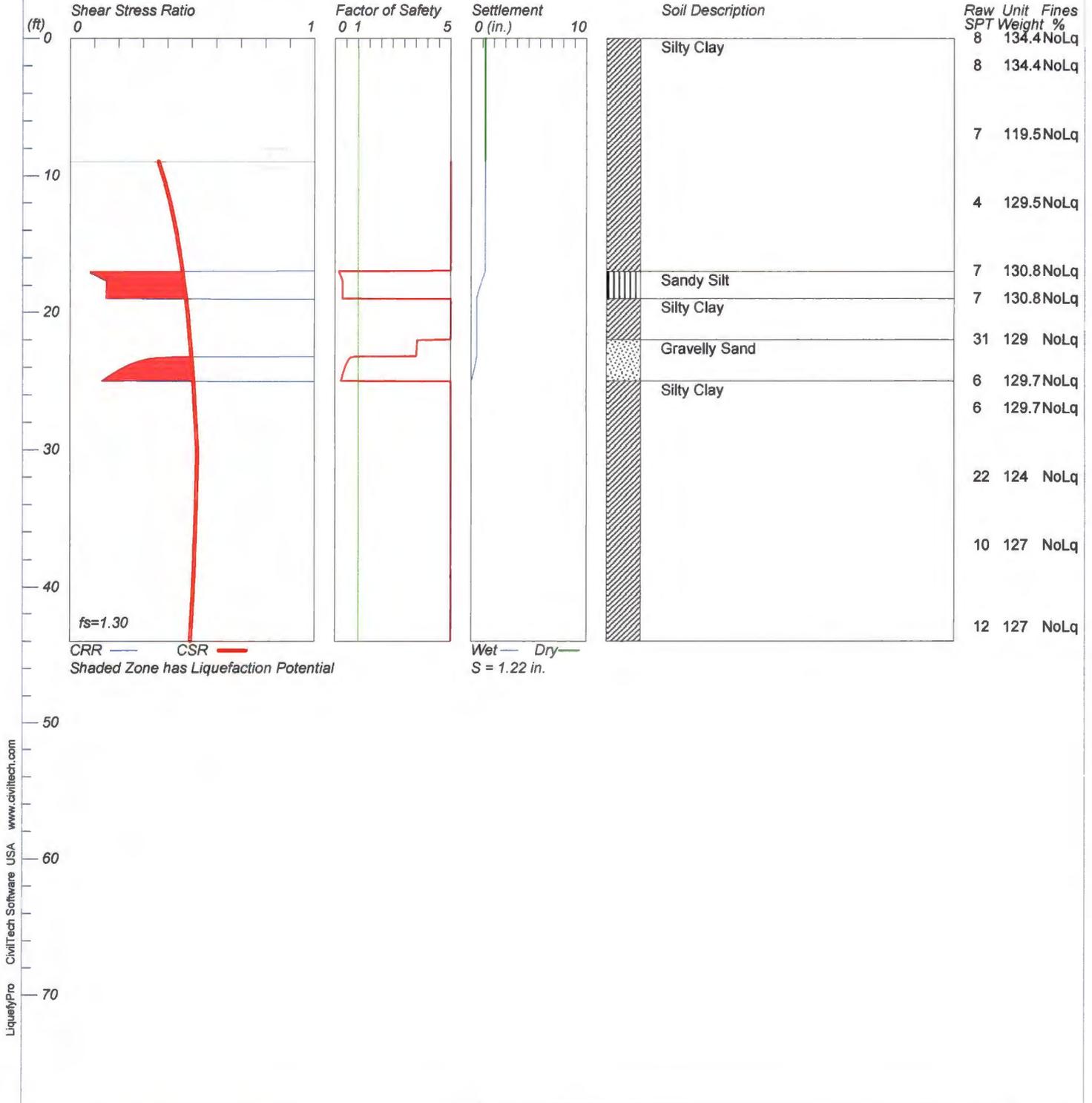
CRRm	cyclic resistance ratio from soils
CSRfs	Cyclic stress ratio induced by a given earthquake (with user
request factor of safety)	
F.S.	Factor of Safety against liquefaction, F.S.=CRRm/CSRfs
S_sat	Settlement from saturated sands
S_dry	Settlement from dry sands
S_all	Total settlement from saturated and dry sands
NoLiq	No-Liquefy Soils

LIQUEFACTION ANALYSIS

Aranjo Avenue, San Jose, California

Hole No.=2 Water Depth=9 ft

Magnitude=7.9
Acceleration=0.57g



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Araujo avenue 9_Boring 3_San Jose_3202.sum

LIQUEFACTION ANALYSIS CALCULATION SHEET

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Input File Name: C:\Users\ting wayne\Desktop\OLD share documents\Liquefaction\Araujo avenue 9_Boring 3_San Jose_3202.liq
Title: Aranja Avenue, San Jose, California
Subtitle: Project # 3202

Surface Elev.=
Hole No.=3
Depth of Hole= 43.5 ft
Water Table during Earthquake= 9.0 ft
Water Table during In-Situ Testing= 9.0 ft
Max. Acceleration= 0.57 g
Earthquake Magnitude= 7.9

Hammer Energy Ratio, Ce=1
Borehole Diameter, Cb=8"
Sampling Method, Cs=1.2
SPT Fines Correction Method: Stark/Olson et al.*
Settlement Analysis Method: Ishihara / Yoshimine*
Fines Correction for Liquefaction: Stark/Olson et al.*
Fine Correction for Settlement: Post-Liq. Correction *
Average Input Data: Smooth*
* Recommended Options

Input Data:

Depth ft	SPT	Gamma pcf	Fines %
0.0	9.0	134.0	NoLiq
2.0	9.0	134.0	NoLiq
7.0	5.0	122.6	NoLiq
12.0	5.0	129.0	NoLiq
17.0	10.0	138.5	NoLiq
22.0	13.0	138.5	NoLiq
27.0	7.0	124.4	NoLiq
32.0	11.0	126.6	NoLiq
37.0	9.0	130.8	NoLiq
42.0	10.0	132.6	NoLiq

Output Results:

Settlement of saturated sands=1.56 in.
Settlement of dry sands=0.00 in.
Total settlement of saturated and dry sands=1.56 in.
Differential Settlement=0.782 to 1.032 in.

Depth CRRm CSRfs F.S. S_sat. S_dry S_all
Page 1

ft	Araujo avenue 9_Boring 3_San Jose_3202.sum					
	w/fs		in.	in.	in.	
0.00	2.00	0.37	5.00	1.56	0.00	1.56
5.00	2.00	0.37	5.00	1.56	0.00	1.56
10.00	2.00	0.38	5.00	1.56	0.00	1.56
15.00	2.00	0.44	5.00	1.56	0.00	1.56
20.00	2.00	0.48	5.00	1.56	0.00	1.56
25.00	0.16	0.50	0.32*	0.66	0.00	0.66
30.00	2.00	0.52	5.00	0.00	0.00	0.00
35.00	2.00	0.51	5.00	0.00	0.00	0.00
40.00	2.00	0.50	5.00	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units Depth = ft, Stress or Pressure = tsf (atm), Unit weight = pcf, Settlement = in.

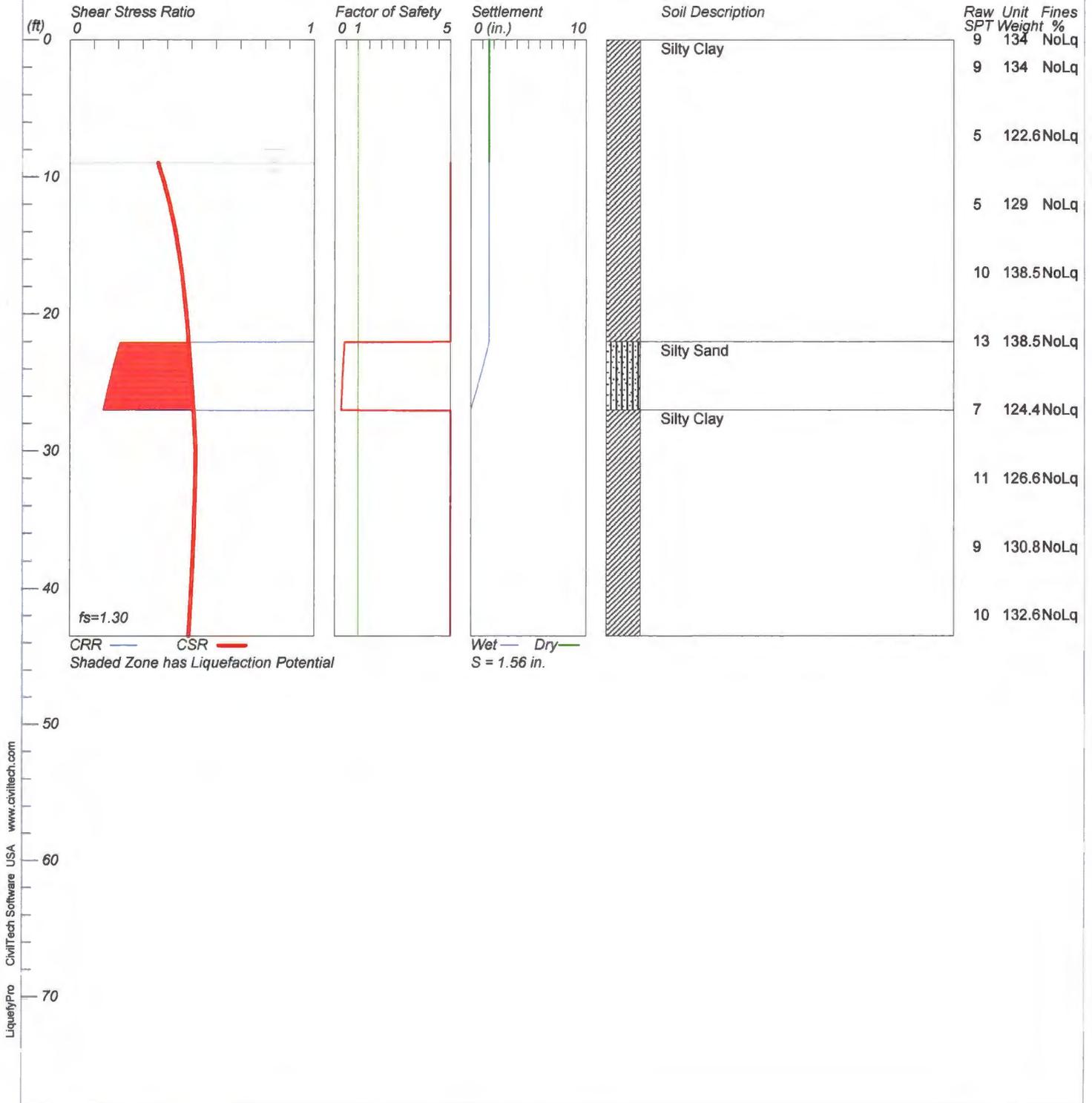
CRRm	Cyclic resistance ratio from soils
CSRfs	Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S.	Factor of Safety against liquefaction, F.S.=CRRm/CSRfs
S_sat	Settlement from saturated sands
S_dry	Settlement from dry sands
S_all	Total settlement from saturated and dry sands
NOliq	No-Liquefy Soils

LIQUEFACTION ANALYSIS

Aranjo Avenue, San Jose, California

Hole No.=3 Water Depth=9 ft

Magnitude=7.9
Acceleration=0.57g



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APPENDIX B

PHASE I ENVIRONMENTAL SITE ASSESSMENT FOR ARAUJO
STREET PROJECT



PHASE 1 ASSESSMENTS.COM

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EXECUTIVE SUMMARY

March 2, 2015

Mr. Vakili was retained by Mr. Tony Baig to conduct a Phase I Environmental Site Assessment Report at the portion of San Jose Municipal Golf Course located on the Araujo Street in a residential setting of City of San Jose, Santa Clara County pursuant to ASTM 1527-13 Standards for Environmental Site Assessment Reports. Any exceptions to, or deletion from this practice is described in Section 1.3 of the Phase I Environmental Site Assessment Report of March 2, 2015 (Report).

Property Description

The Subject Property is an approximately 25,000 square feet of a vacant land. This parcel of land has recently separated from the 100-acre San Jose Municipal Golf Course at 1560 Oakland Road in San Jose.

Findings

Recognized Environmental Conditions are defined by the ASTM Standard Practice E-1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions. A release of any hazardous substance or petroleum product shall have the same meaning as the definition of "release" in CERCLA 42 U.S.C. § 9601(22). This assessment has revealed no existing recognized environmental condition in connection with the Subject Property.

Historical Recognized Environmental Conditions

ASTM 1527-13 defines a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any

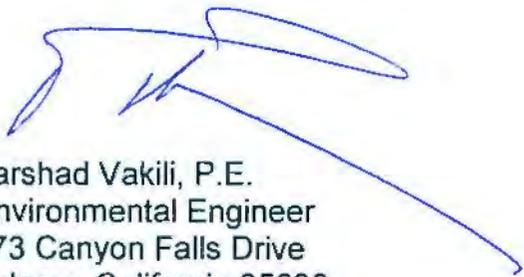
required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the Environmental Professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment (ESA) is conducted. If the Environmental Professional considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition. This assessment has revealed no historical recognized environmental conditions in connection with the Subject Property.

Environmental issues

Environmental issues include environmental concerns identified by Mr. Vakili that warrant discussion but do not qualify as Recognized Environmental Conditions, as defined by the ASTM Standard Practice E-1527-13. Mr. Vakili found no environmental issues in association with the Subject Property.

Recommendations

We have performed the Report in conformance with the scope and limitations of ASTM Practice E-1527-13 for the Subject Property. Any exceptions to, or deletions from this practice are described in Section 1 of the Report. This assessment recommends no further investigation in connection with the Subject Property at this time.



Farshad Vakili, P.E.
Environmental Engineer
273 Canyon Falls Drive
Folsom, California 95630



**PHASE I ENVIRONMENTAL SITE
ASSESSMENT REPORT**

**VACANT LAND
ARAUJO STREET PROJECT
SAN JOSE, SANTA CLARA COUNTY,
CALIFORNIA**

MARCH 2, 2015

**PREPARED BY:
FARSHAD T. VAKILI, P.E.
PRINCIPLE ENGINEER
273 CANYON FALLS DRIVE
FOLSOM, CALIFORNIA 95630**

**PREPARED FOR:
TONY BAIG
VILLA DEVELOPERS AND INVESTMENT, LLC
2850 STEVENS CREEK BOULEVARD
SAN JOSE CALIFORNIA 95128**

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ATTACHMENTS

1. INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment performed by Farshad Vakili, P.E., an independent environmental assessor/engineer on a vacant land located at Araujo Street in San Jose, Santa Clara County, California (Subject Property). The Subject Property was part of the San Jose Municipal Golf Course which is now a separated parcel of land.

This Report reveals the results from the review of regulatory agencies files, interview of appropriate people and site inspection of the Subject Property on February 26, 2015.

1.1 Purpose

The objectives of this Report is to evaluate whether there is evidence of an environmental impact to any of the environmental receptors such as human and/or wild life; or any environmental impacts to any environmental pathways such as surface, water, air, groundwater, and subsurface gas generation. Any potential environmental impacts resulted from past or present activities at the Subject Property or surrounding businesses, have been considered in this Report. All the extensive regulatory agencies files search which provide information on all the past, present and to some extent future impacts to the Subject Property and the surrounding area are noted in the Report.

1.2 Scope of Application

This Report is submitted to Mr. Tony Baig for distribution. The scope of the application is to determine any Recognized Environmental Conditions at the Subject Property.

1.3 Limitation and Exception

This Report has been prepared in accordance with generally accepted environmental methodologies referred to in ASTM 1527-13, and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this Report. The conclusions of this Report are based in part, on the information provided by others. The possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated. Should such an event occur, Mr. Vakili must be notified in order that he may determine if modifications are necessary. The services performed and outlined in this Report were based, in part, upon visual observations of the site and attendant structures. Our opinion cannot be extended to portions of the site that were unavailable for direct observation, reasonably beyond the control of Mr. Vakili. The objective of this report was to assess

environmental conditions at the site, within the context of our contract and existing environmental regulations within the applicable jurisdiction. Evaluating compliance of past or future owners with applicable local, provincial and federal government laws and regulations was not included in our contract for services. Our observations relating to the condition of environmental media at the site are described in this Report. It should be noted that compounds or materials other than those described could be present in the site environment.

1.4 Qualification

Mr. Vakili is a registered professional engineer and a registered environmental assessor in the State of California. Mr. Vakili has thirty years of experience working for regulatory agencies and manufacturing facilities conducting complex environmental assessment, characterization and remediation projects. Mr. Vakili also conducted assessment projects for regulatory agencies preparing Resource Conservation and Recovery Act (RCRA) facility assessments reports for various industries throughout California in compliance with the California Department of Toxic Substances Control (DTSC) and United States Environmental Protection Agency laws and regulations. Mr. Vakili is currently a Senior Hazardous Substances Engineer at DTSC. Mr. Vakili has also conducted phase I environmental site assessment projects for residential, commercial as well as industrial properties as an independent consultant throughout California.

2. SCOPE OF WORK

The scope of work for this Report is to provide information regarding the past and present activities at the Subject Property and the vicinity area. This Report has been performed in accordance with the Scope of Work pursuant to the requirements of the American Society for Testing and Materials (ASTM) Standards 1527-13 for environmental site assessments, and the United States Environmental Protection Agency's (USEPA) Resource Conservation and Recovery Act (RCRA) Facility Assessment for corrective action.

On Wednesday, November 6, 2013, ASTM International announced that it has officially approved and published the latest revision of its Phase I Environmental Site Assessment Protocol, E 1527-13, and Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process. As reported in a prior post, United States Environmental Protection Agency (USEPA) issued both a direct final rule and a backup proposed rule on August 15, 2013, that would add a reference to the expected ASTM E 1527-13 in USEPA's All Appropriate Inquiries (AAI) regulations at 40 CFR 312.11(c). Approximately forty comments were submitted, including adverse comments and therefore, on October 29, 2013, USEPA officially withdrew the direct final rule. USEPA expects the final rule incorporating a reference to the new version to be issued by the end of 2013. It should be noted that E 1527-13 is not officially recognized by USEPA as sufficient to meet AAI until USEPA issues its final rule. However, we are going use ASTM 1527-13 in this Report regardless per the request from the client. It will be prudent to require using E 1527-13 in phase I assessments once the USEPA rule change goes final. USEPA said conflicting things in the materials associated with the rule, for example it emphasized that approval of an additional version of the ASTM Standard would add flexibility (an additional option to E 1527-05), but it also made references to the greater "validity" of the new version of the standard. E 1527-05 will remain in the AAI Rule as acceptable, but there is a view that E 1527-13 is a clarification by ASTM of what ASTM intended in E 1527-05 all along, and, therefore, that compliance with E 1527-05 might be evaluated in the future by a court (in the inherently-after-the-fact determination characteristic of AAI and the landowner liability protections) through the lens of the more explicit language of E 1527-13.

After months of delays, rumors and speculation, the US EPA finally acknowledged that the newly revised ASTM Environmental Site Assessment standard, known as E1527-13, is consistent with the All Appropriate Inquires (AAI) rule. As described in the December 30, 2013 Federal Register announcement, the US EPA amended the AAI rule to reference ASTM E1527-13 as compliant with the standards and practices required to qualify for certain CERCLA liability protections as well as Brownfields grants. In fact, the US EPA now "strongly encourages" and "recommends that environmental professionals and prospective purchasers" use ASTM E1527-13 when conducting AAI compliant Phase I Environmental Site

Assessments to identify releases and threatened releases of hazardous substances at commercial and industrial properties.

It is worth noting that while the newly amended AAI rule does not remove reference to the previous ASTM standard (E1527-05), "the Agency's intent will be to promote the use of the current industry standard and reduce confusion associated with the regulatory reference to a standard no longer recognized as current by ASTM International and no longer marketed by the standards development organization." The US EPA will publish an additional proposed rulemaking to remove the reference to the ASTM E1527-05 standard in the AAI rule sometime in the near future. Therefor this Report will be in compliance with ASTM 1527-13.

This work includes visual site inspection, interview of the responsible parties, review of the regulatory agencies' files and preparing this site assessment report. The regulatory agencies files include but not limited to:

- **Review of Santa Clara County Health Department and City of San Jose Building Department**
- **Review of the California Department of Toxic Substances Control's STARS List, Multi-Data Base Search, Site Mitigation and Brownfield Reuse Program Database for Unconfirmed Referral, Voluntary Clean-Up, School, No Further Action, Needing Further Evaluation, Cal Site and Envirostor.**
- **Review of California Regional Water Quality Control Board**
- **Review of California Department of Resource Conservation and Recycling (CalRecycle), List of Active and Inactive Landfills, and Used Oil Recycling Program**
- **Review of USEPA's RCRA info List for Federal Hazardous Waste Generators**

3. SITE DESCRIPTION

3.1 Location

The Subject Property is a vacant parcel of land located on Araujo Street in San Jose, Santa Clara County, California; east I-880; immediately south of San Jose Municipal Golf Course. The Subject Property is located in a residential setting area in the City of San Jose. Attachment 1, Figure 1 is the Santa Clara County Assessor's Parcel Map. Attachment 1, Figure 2 is the Topographic Map. Attachment 1, Figure 3 is the Historical Photographs from 1939, 1940, 1948, 1950, 1956, 1968, 1974, 1982, 1993, 1998, 2005, 2006, 2009, 2010 and 2012.

3.2 Adjacent Properties Current Use

The Subject Property is located on Araujo Street immediately south of San Jose Municipal Golf Course in a residential setting of City of San Jose, Santa Clara County. The Subject Property is surrounded San Jose Municipal Golf Course to the west, south and north, and residential homes to the east on Pietro Drive.

3.3 Current Use of the Subject Property

The Subject Property is currently a vacant land. The Subject Property has electricity/power, water, sewer and gas line the City of San Jose.

3.4 Site Description

The Subject Property is an approximately 25,000 square feet of a vacant land. This parcel of land has recently separated from the 100-acre San Jose Municipal Golf Course at 1560 Oakland Road in San Jose.

The land referred to herein is situated in the State of California, County of Santa Clara, City of San Jose and described as follows:

All that certain real property situated in the City of San Jose, County of Santa Clara, State of California, being a Portion of Parcel No. 5 as shown on the Record of Survey filed for Record in Book 220 of Maps, at Page 8-11, Records of Santa Clara County. The Santa Clara Assessor's Parcel Number is APN: 241-02-016 (Portion).

4. USER PROVIDED INFORMATION

4.1 Title Records/Environmental Liens

Mr. Vakili reviewed the February 27, 2014 Preliminary Title Report prepared by First American Title Company located at 455 North Santa Cruz Avenue in Los Gatos and is not aware of any environmental cleanup liens against the Subject Property that are filed or recorded under federal, tribal, state or local law. Mr. Vakili is not 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.

4.2 Owner and Property Manager Information

The owner of the Subject Property is City of San Jose, a Municipal Corporation of the State of California.

4.3 Specialized Knowledge of the User

Mr. Vakili's research did not find any recognized environmental conditions in connections with the property prior to the site reconnaissance.

4.4 Actual Knowledge of the User

Mr. Vakili did not find any environmental liens in connection with the property.

4.5 Reason for Significantly Lower Purchase Price

Mr. Vakili did not find any evidence to identify lower price which does not reasonably reflect fair market value.

4.6 Commonly Known or Reasonably Ascertainable Information

Mr. Vakili is not aware of any commonly known or reasonably ascertainable information within local community about the property that is material to recognized environmental conditions.

5. RECORD REVIEW

5.1 Geologic Conditions

The Subject Property is located in the City of San Jose; Santa Clara County. The Hayward fault is one of the most hazardous faults in the United States, because of its high slip rate, its demonstrated ability to generate a large earthquake and, importantly, its location through the highly urbanized eastern San Francisco Bay area.

The underlying soil is an unconfined, low-permeability water-bearing zone that occurs from the ground surface to a depth to the groundwater. It consists primarily of fine grained sand and clay. The bottom of this area is defined by a clay layer, which is typically 6 to 16 feet thick, however this clay layer has been encountered to as much as 60 feet beneath the area. This clay layer serves as an aquitard and impedes flow. Please see Attachment 2 for more information.

5.2 General Hydrogeology

Regional groundwater flow is westward toward San Francisco Bay, while local groundwater flow is toward the southwest. The groundwater depth is between 20-25 feet below ground surface. Please see Attachment 2 for more information.

5.3 Radon, Asbestos Containing Materials, Lead-Based Paint and Naturally Occurring Asbestos (NOA)

Radon gas is a radioactive gas found throughout the United States that cannot be seen, tasted or smelled. It can move up through the ground and into a home through cracks and holes in the foundation and can build up to high levels. Radon also can get into indoor air when released from water. Radon entering the home through tap water, in most cases, is small source in indoor air compared to radon entering home from soil. USEPA has determined that radon is a known human carcinogen and breathing air-containing radon may cause increased risk of stomach cancer. No evidence of radon gas detected at levels of concern (greater than 4.0 pCi/L) per any investigation at the Santa Clara County. Most homes in Santa Clara County do not have basements.

Geologic maps prepared by the California Geologic Survey show areas of higher probability for asbestos containing rocks within the broad zone of faults that follows the low foothills and lay in a south-east to north-west band. There are some isolated areas of higher probability for the presence of NOA within Tahoe National Forest and El Dorado Hills. No asbestos stone was observed at the property during February 26, 2015 inspection. Also, there is no possibility of the asbestos containing materials (ACM) in the insulation and lead-based paint (LBP) in the paint, because there is no structure at the Subject Property.

5.4 Regional Conditions

San Jose Municipal Golf Course has been called home to thousands of south bay golfers. With an easy access location near the major Freeways such as Highway 101, Highway 880, and Highway 280, this golf course has become very popular to the regional golfers.

5.5 Historical Use

Historical Aerial Photographs from 1939, 1940, 1948, 1950, 1956, and 1968 showed that the entire area was an agricultural land. Historical Aerial Photographs from 1974 and 1982 showed that the property was still as an agricultural land while the vicinity area was being developed. Historical Aerial Photographs from 1993, 1998, 2005, 2006, 2009, 2010 and 2012 showed that the Subject Property was a vacant land but part of the San Jose Municipal Golf Course. Please see Attachment 1, Figure 3 for all the historical photographs.

According to the historical file searches, the Subject Property was used for agricultural use from 1920s-1980s, and was part of San Jose Municipal Golf Course from late 1980s to the present. It should be noted that although the property was part of the golf course, it never got utilized by the golf course.

5.6 File Review

Environmental Data Resources, Inc., Radius Map Report of February 27, 2015 and regulatory agencies file review included in this Report for the Subject Property and the vicinity area (Attachment 4). It included the review of:

Department of Resource Conservation and Recycling (CalRecycle), Solid Waste Information System (SWIS) and Used Oil Recycling Program

According to the CalRecycle, there is no facility within 0.5 miles of the Subject Property.

Environmental Protection Agency, Department of Toxic Substances Control (DTSC), STARS List, Multi-Data List, HWTS List, Site Mitigation and no Brownfields Reuse Program, Cal Site List, Properties Needing Further Action, School Property Evaluation List, Voluntary Cleanup Program and Envirostor

There are sites on the Envirostor within 1 mile of the Subject Property in higher elevation including Komag, Inc. (1705 Automation Parkway, needs evaluation, no immediate threat), WD Media LLC (1710 Automation Parkway, needs evaluation, no immediate threat), Elcon Precision LLC (1009 Timothy Drive, active, no immediate threat), Ocular Labs (923 Berryessa Road, needs evaluation, no

immediate threat), Cherry Acres Partnership (1671 Mabury Road, No Further Action), Adaptive Circuits (1565-A Mabury Road, needs evaluation, no immediate threat), and Control Data Corporation (967 Mabury Road, needs evaluation, no immediate threat).

There are other hazardous waste storage, disposal or treatment facilities in the vicinity of the Subject Property including Clean Harbor San Jose (1021 Berryessa Road, permitted, no immediate threat).

California Regional Water Quality Control Board (RWQCB), Leaking Underground Fuel Tank Report (LUFT), Underground Storage Tank and Geo Tracker

There are facilities on the Regional Water Quality Control Board list containing LUFT which are within 0.5 miles in the higher elevation of the Subject Property including Chan Nursery (1250 Townsend Park Circle, case closed), K. Tanaka Nursery (1472 Lundy Avenue, case closed), North Village Phase I (1590 Berryessa Road, case closed), Facchino Freight Lines (1655 Berryessa Road, case closed), Shell (1705 Berryessa Road, case closed), BC Auto Care (1715 Berryessa Road, case closed), Chan Nursery (1250 Townsend Park Circle, lower elevation, no impact), Mike Rawiter Golf Shop (1560 Old Oakland Road, lower elevation, no impact), and Western Pacific Railroad (900 East Williams, inactive, no impact).

Also, the Facility Inventory Database contain active and inactive underground storage tank within 0.25 miles of the Subject Property including Yamada Brothers (1449 Lundy Avenue), Chan Nursery (1250 Townsend Park Circle), and John Luccheti (1280 Lundy Avenue). The underground storage tanks will not pose any threat to the Subject property because they have secondary containments.

Santa Clara County Environmental Health Department

This agency refers all the potential contaminated sites to the state agencies. This agency has a list known as contaminated sites which identified no additional facility within 1.0 mile of the Subject Property.

6. SITE RECONNAISSANCE AND INTERVIEWS

6.1 Site Inspection and Interview

Mr. Vakili inspected the Subject Property on February 26, 2015. The Subject Property included a vacant land recently separated from San Jose Municipal Golf Course. Mr. Vakili met with Mr. Tony Baig at the site. Mr. Baig indicated that he is purchasing the land from the City of San Jose, and he is intending to build townhouses at the property. Mr. Vakili inspected the property and did not find any Recognized Environmental Conditions. The property is a vacant land with no structure.

There is no possibility of asbestos containing materials and lead-based paint since there are no structures on the Subject Property. No stain or distressed vegetation was noticed at the Subject Property at the time of the inspection.

Roads

No road at the property was detected during February 26, 2015 inspection.

Potable Water Supply

Potable water on the property is supplied by the municipal water supply.

Sewage

There was a sewage system noticed during the inspection of February 26, 2015.

Hazardous Substances and Petroleum Products in Connection with Identified Uses

No hazardous substances in tanks and containers/drums were observed to be stored or used on the property during the inspection of February 26, 2015.

Storage Tanks

Determining the presence of Aboveground Storage Tanks (ASTs) and underground storage Tanks (USTs) is considered essential in assessing potential contamination sources. Visual inspection and the review of tank registration are used to determine the possible existence of past and present storage tanks in the area of the Subject Property. It must be noted however, that the absence of certain site conditions or lack of records may restrict or prevent the determination of the number and contents of storage tanks on the Subject Property. No aboveground storage tanks or underground storage tanks connections were observed on the

Subject Property during the inspection of February 26, 2015.

Odors

No strong, pungent or noxious odors were observed during February 26, 2015 inspection.

Pools of Liquid

No vernal pools and seasonal wet lands were observed at the Subject Property during March 21, 2014 inspection.

Drums

No drums or containers of hazardous wastes or materials were observed during February 26, 2015 inspection.

Hazardous Substances and Petroleum Products Containers

No containers with hazardous materials or petroleum products that might represent a recognized environmental condition were observed on the property during February 26, 2015 inspection.

Unidentified Substance Containers

No open or damaged containers containing unidentified substances suspected of being hazardous substances or petroleum products were observed on the Subject Property during February 26, 2015 inspection.

Heating/Cooling

No heating or cooling was noticed at February 26, 2015 inspection.

Stains or Corrosion

There were no stains or corrosion on the ground during February 26, 2015 inspection.

Drains and Sumps

No drains or sumps were observed at the property during February 26, 2015 inspection.

Pits, Ponds, or Lagoons

No pits, ponds or lagoons were observed at the property during February 26, 2015 inspection with the exception of the golf course lagoon. No concern was noted.

Stained Soil or Pavement

No areas of stained soil were observed during February 26, 2015 inspection.

Stressed Vegetation

No areas of stressed vegetation were observed on the property during February 26, 2015 inspection.

Solid Waste

No areas, mounds, or depressions that may be filled or graded by non-natural causes or filled with fill of unknown origin suggesting trash or other solid waste disposal were observed on the property during February 26, 2015 inspection.

Waste Water

There was no wastewater or other liquids being discharged into a drain, ditch, underground injection system, or stream on or adjacent to the property during February 26, 2015 inspection.

Wells

No wells were observed on the property during February 26, 2015 inspection.

Septic Systems

No septic systems or cesspools were observed on the property.

6.2 Site Vicinity

The Subject Property is located in a residential area of the City of San Jose. San Jose is the third-largest city in California, the tenth-largest in the United States. San Jose is the largest city within the San Francisco Bay Area and the largest city in Northern California. By the 1990s, San Jose's location within the booming local technology industry earned the city the nickname "Capital of Silicon Valley". San Jose is now considered to be a global city and notable for its affluence, and high cost of living. The U.S. Census Bureau estimated the population of the city to be 998,537 as of July 1, 2013.

7. FINDINGS, OPINION AND RECOMMENDATION

At the request of Mr. Tony Baig.; Mr. Vakili completed this Report on the Subject Property. The Subject Property is an approximately 25,000 square feet of a vacant land. This parcel of land has recently separated from the 100-acre San Jose Municipal Golf Course at 1560 Oakland Road in San Jose. The assessment of the Subject Property included review of the regulatory agencies files relevant to any releases to the environment, conducting visual site inspection on February 26, 2015, surveillance of the surrounding area, and providing the findings in this Report.

No direct evidence was discovered to indicate that soil, groundwater or surface water contamination is present, or likely to be present beneath the Subject Property as result of operations of former owners at the Subject Property or other businesses in the neighborhood. Also, during the visual site inspection of February 26, 2015, no vegetation distress was observed (Please see Photographs of the Subject Property). The Subject Property is not on regulatory agencies files.

Historical Aerial Photographs from 1939, 1940, 1948, 1950, 1956, and 1968 showed that the entire area was an agricultural land. Historical Aerial Photographs from 1974 and 1982 showed that the property was still as an agricultural land while the vicinity area was being developed. Historical Aerial Photographs from 1993, 1998, 2005, 2006, 2009, 2010 and 2012 showed that the Subject Property was a vacant land but part of the San Jose Municipal Golf Course.

We inspected the Subject Property on February 26, 2015. Please see the Photographs in the Attachment 3. We did not observe any condition that raises concern. No Recognized Environmental Conditions are presently found at the Subject Property.

The new Standard indicates the need to clarify that the potential for vapor migration must be considered in the Phase I report. The definition of "migrate" now expressly includes releases that migrate in the subsurface as vapor. Mr. Vakili does not believe that there is a need to assess possible indoor air quality impacts from vapor intrusion pathways because the subsurface soil may not have potentially been impacted.

The following documents, maps, or other publications may have been used in the preparation of this Report.

- American Society for Testing and Materials Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E1527-05).
- American Society for Testing and Materials Guide for Environmental Site

Assessments: Transaction Screen Process (ASTM E1528).

- **Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (“CERCLA” or “Superfund”), as amended by Superfund Amendments and Reauthorization Act of 1986 (“SARA”) and Small Business Liability Relief and Brownfields Revitalization Act of 2002 (“Brownfield Amendments”), 42 U.S.C. §§9601, et. seq. • Resource Conservation and Recovery Act, as amended (“RCRA”), 42 U.S.C. §6901, et. seq.**
- **Federal Emergency Management Agency, National Flood Insurance Program, Flood Insurance Maps.**
- **United States Department of Agriculture, Soil Conservation Service, Soil Surveys.**
- **United States Geological Survey, Topographic Maps.**
- **United States Department of the Interior, Fish and Wildlife Service, National Wetlands Inventory Map**
- **RWQCB Geotracker**
- **DTSC Envirostor**
- **EDR Report, February 27, 2015**
- **2014 Annual Groundwater Monitoring Report for Clean Harbors San Jose, 1021 Berryessa Road, San Jose, dated January 29, 2015, prepared by Cameron-Cole**
- **San Jose City Web Page**
- **City of San Jose 5-Year Plan**

8. CONCLUSION AND CERTIFICATION

We have performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 for the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 1 of this Report. This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the Subject Property.

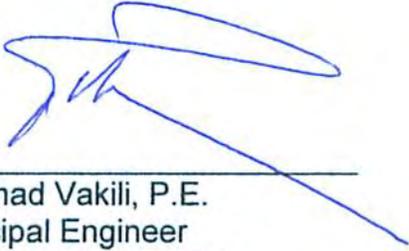
Except for the limitations and exceptions discussed in Section 1.3, this Report complies with the ASTM Standard 1527-05. No additional services beyond the scope of the ASTM Standard 1527-05 were conducted as part of this Report.

This is to certify that based on the assessment of the Subject Property, review of all regulatory agencies files, and a visual site inspection; we hereby recommend no further action at the Subject Property. This means that no additional assessment or investigation is necessary at this time.

Data failure occurs when all the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. If the data failure represents a significant data gap, the report shall comment on the impact of the data gap on the ability of the environmental professional to identify recognized environmental conditions. Mr. Vakili did not find any significant data failure that would impact of the data gap on the ability of Mr. Vakili to identify recognized environmental conditions.

The recommendation is based on the review of the regulatory agencies files, the inspection of the area around the Subject Property, the understanding of the status of nearby known or potentially contaminated sites, the distance from the known or potentially contaminated sites to the Subject Property, and the hydrogeological conditions of the subsurface soil and groundwater. Although there is no evidence of soil or groundwater contamination at the Subject Property at this time, it should be noted that there is always a potential of contamination from sources unknown to the regulatory agencies and Mr. Vakili at the time of this Report.

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



Farshad Vakili, P.E.
Principal Engineer
273 Canyon Falls Drive
Folsom, California 95630

3/2/2015
Date:

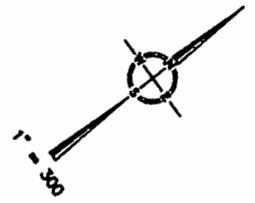


**ATTACHMENT 1
FIGURES**

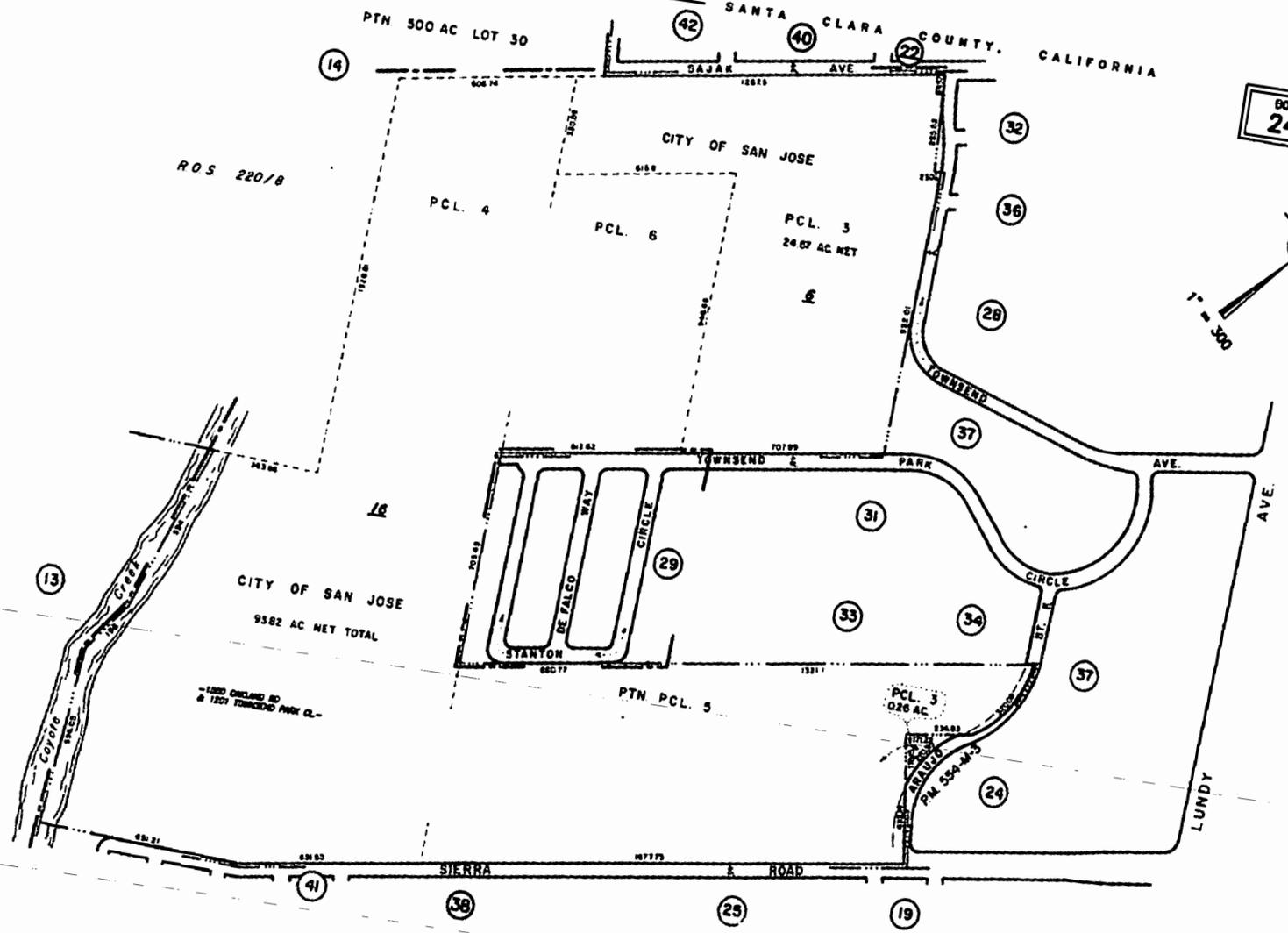
FIGURE 1
SANTA CLARA COUNTY ASSESSOR'S PARCEL MAP

OFFICE OF COUNTY ASSESSOR — SANTA CLARA COUNTY, CALIFORNIA

BOOK 241 PAGE 2



First American Title
Page 6 of 13

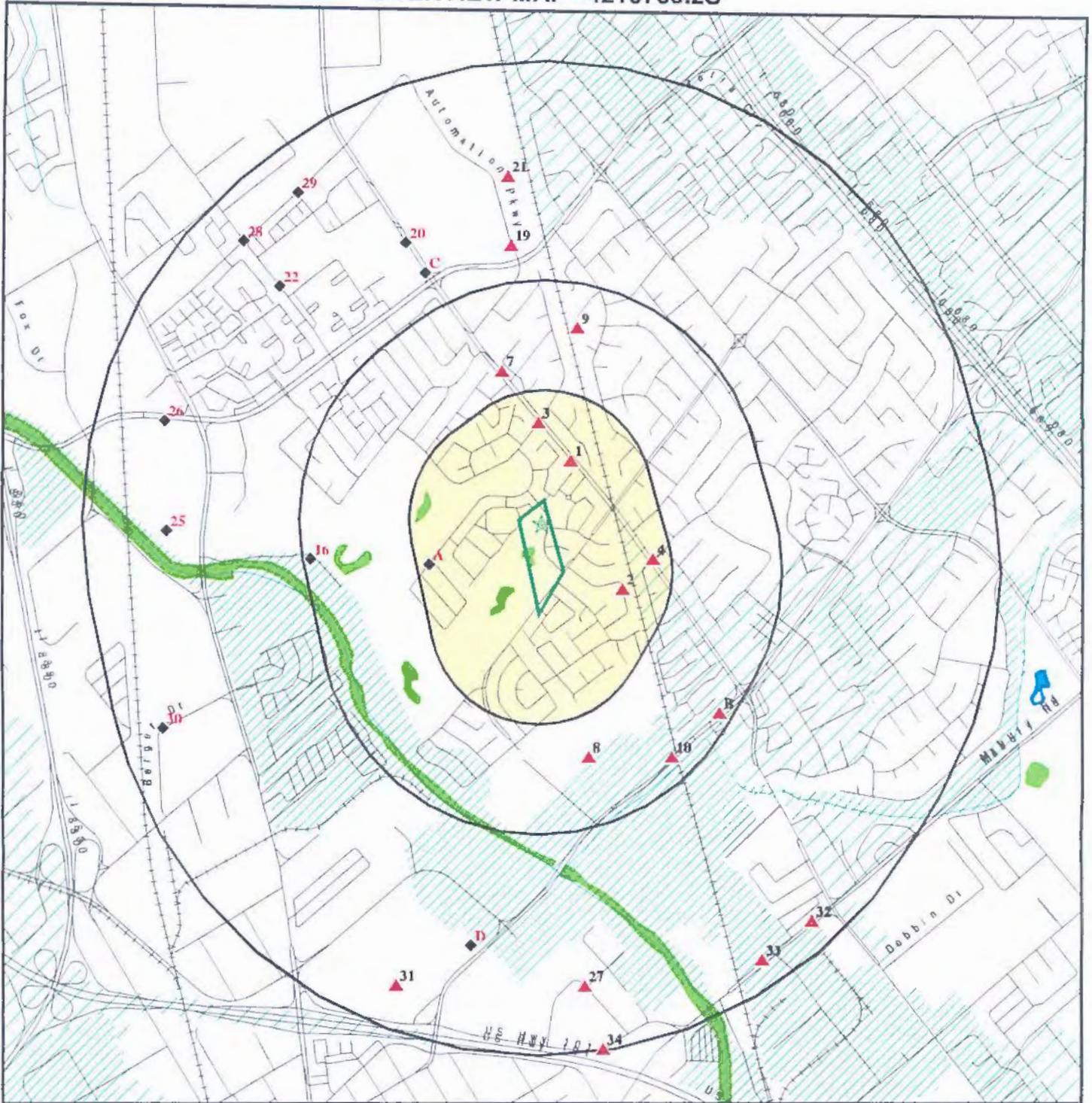


THE DIST. MAP 153
LAWRENCE E. STONE - ASSESSOR
Detailed map for assessment purposes only
Compiled under R. & L. Code, Sec. 327.
Effective 9/28/03 Year 2003-2013

Order Number: 4304-4544669
Page Number: 6

**FIGURE 2
TOPOGRAPHIC MAP**

OVERVIEW MAP - 4219766.2S



- 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
- 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: Vacant Land
ADDRESS: Araujo Street
 San Jose CA 95131
LAT/LONG: 37.3793 / 121.8815

CLIENT: Farshad Vakili, P.E., Phase 1 Assessment
CONTACT: Farshad Vakili, P.E.
INQUIRY #: 4219766.2s
DATE: February 27, 2015 12:45 pm

FIGURE 3
HISTORICAL AERIAL PHOTOGRAPHS



Vacant Land

Araujo Street

San Jose, CA 95131

Inquiry Number: 4219766.5

March 02, 2015



The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography March 02, 2015

Target Property:

Araujo Street

San Jose, CA 95131

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	USGS
1940	Aerial Photograph. Scale: 1"=500'	Flight Year: 1940	USGS
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	USGS
1950	Aerial Photograph. Scale: 1"=500'	Flight Year: 1950	USGS
1956	Aerial Photograph. Scale: 1"=500'	Flight Year: 1956	USGS
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	USGS
1974	Aerial Photograph. Scale: 1"=500'	Flight Year: 1974	USGS
1982	Aerial Photograph. Scale: 1"=500'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=500'	Flight Year: 1993 Best Copy Available from original source	USGS
1998	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1998	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP



INQUIRY #: 4219766.5

YEAR: 1939

| = 500'





INQUIRY #: 4219766.5

YEAR: 1940

| = 500'





INQUIRY #: 4219766.5

YEAR: 1948

| = 500'





INQUIRY #: 4219766.5

YEAR: 1950

| = 500'





INQUIRY #: 4219766.5

YEAR: 1956

| = 500'





INQUIRY #: 4219766.5

YEAR: 1968

 = 500'





INQUIRY #: 4219766.5

YEAR: 1974

| = 500'





INQUIRY #: 4219766.5

YEAR: 1982

| = 500'





INQUIRY #: 4219766.5

YEAR: 1993

 = 500'





INQUIRY #: 4219766.5

YEAR: 1998

— = 500'





INQUIRY #: 4219766.5

YEAR: 2005

| = 500'





INQUIRY #: 4219766.5

YEAR: 2006

—|— = 500'





INQUIRY #: 4219766.5

YEAR: 2009



| = 500'

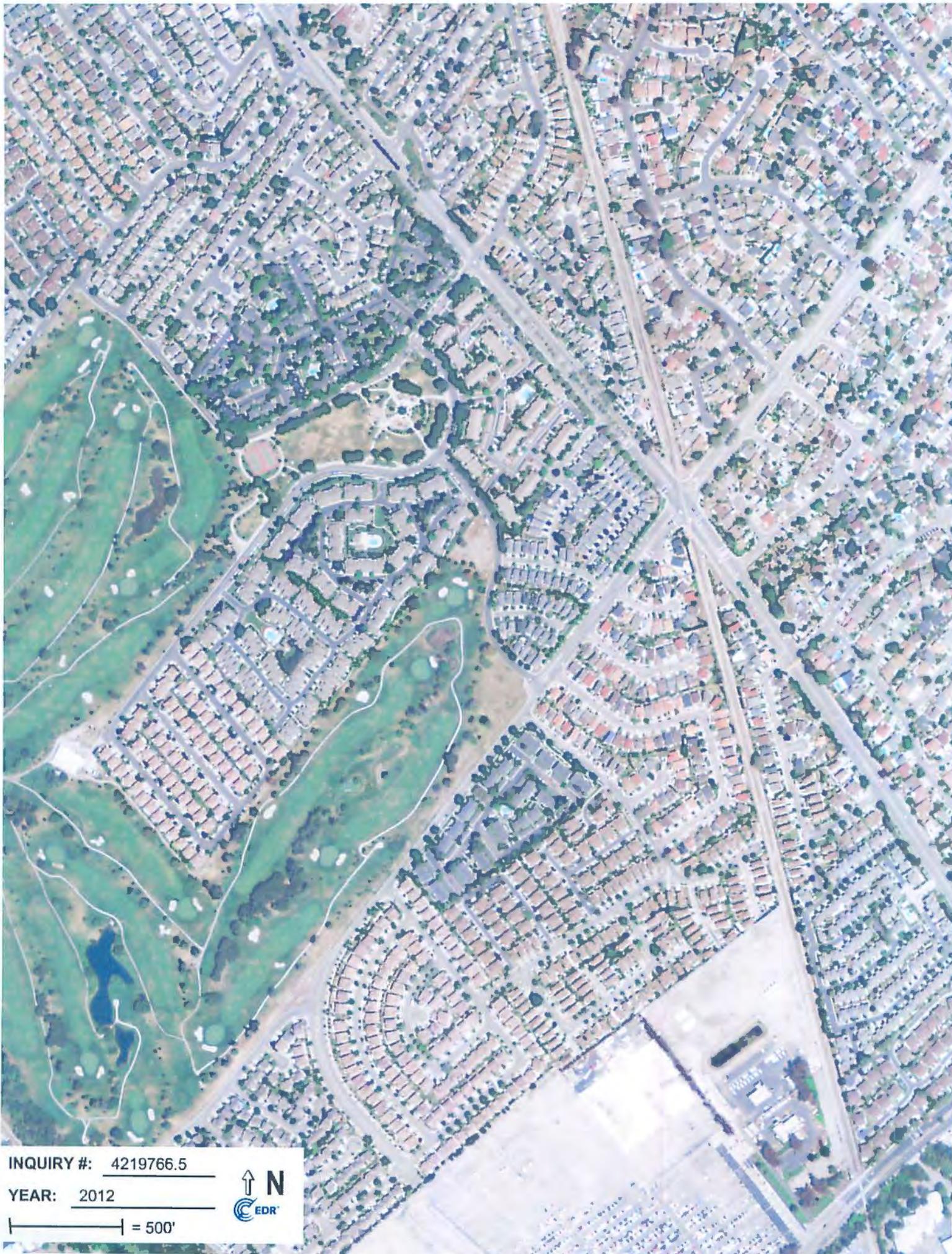


INQUIRY #: 4219766.5

YEAR: 2010

— = 500'





INQUIRY #: 4219766.5

YEAR: 2012

— = 500'



Phase I Environmental Site Assessment Report
Vacant land at Araujo Street, San Jose, Santa Clara County, California
March 2, 2015

ATTACHMENT 2
SOIL, GROUNDWATER AND RADON GAS REPORT

GEOCHECK[®]- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

VACANT LAND
ARAUJO STREET
SAN JOSE, CA 95131

TARGET PROPERTY COORDINATES

Latitude (North): 37.3793 - 37° 22' 45.48"
Longitude (West): 121.8815 - 121° 52' 53.40"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 599027.3
UTM Y (Meters): 4137333.5
Elevation: 77 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 37121-D8 MILPITAS, CA
Most Recent Revision: 1980

East Map: 37121-D7 CALAVERAS RESERVOIR, CA
Most Recent Revision: 1980

Southeast Map: 37121-C7 SAN JOSE EAST, CA
Most Recent Revision: 1980

South Map: 37121-C8 SAN JOSE WEST, CA
Most Recent Revision: 1980

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

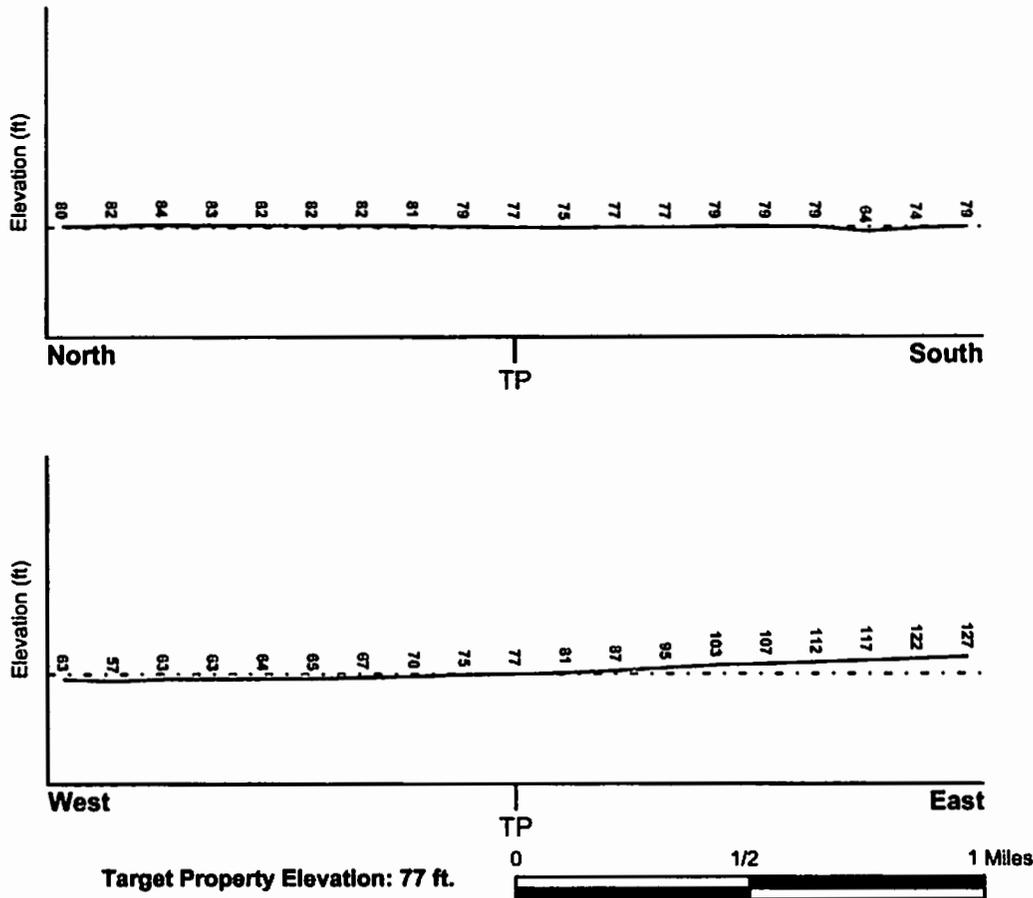
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> SANTA CLARA, CA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06085C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> MILPITAS	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	---

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:
 Search Radius: 1.25 miles
 Status: Not found

AQUIFLOW³

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Acrea, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

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

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: BOTELLA
Soil Surface Texture: clay loam
Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class: Not reported
Hydric Status: Soil does not meet the requirements for a hydric soil.
Corrosion Potential - Uncoated Steel: MODERATE
Depth to Bedrock Min: > 60 inches
Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	41 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	41 inches	76 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000182555	1/2 - 1 Mile South
4	USGS40000182562	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

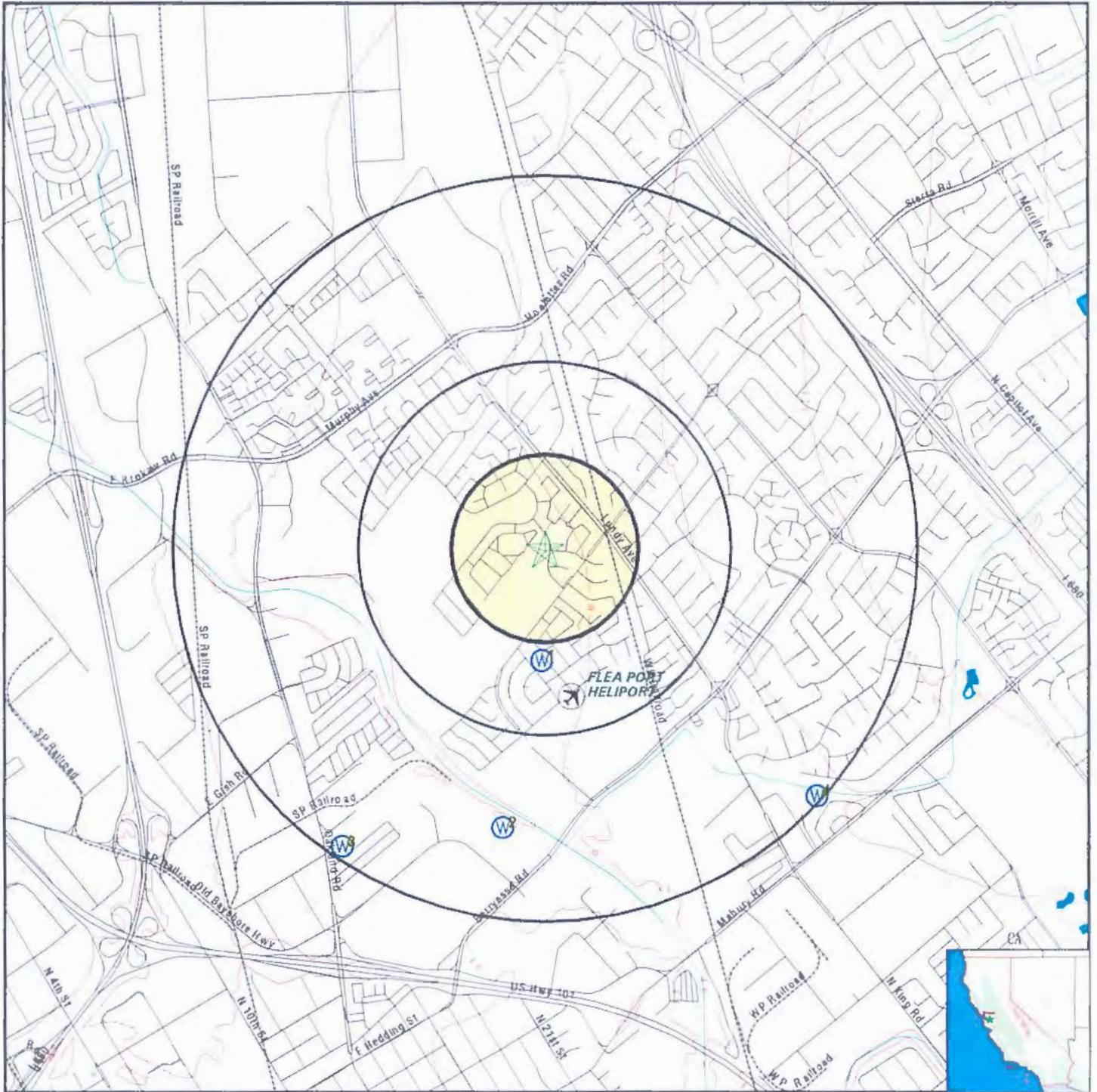
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

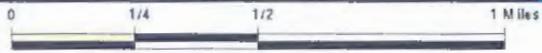
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	7655	1/4 - 1/2 Mile South
3	6835	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 4219766.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



<p>SITE NAME: Vacant Land ADDRESS: Araujo Street San Jose CA 95131 LAT/LONG: 37.3793 / 121.8815</p>	<p>CLIENT: Farshad Vakili, P.E., Phase 1 Assessment CONTACT: Farshad Vakili, P.E. INQUIRY #: 4219766.2s DATE: February 27, 2015 12:48 pm</p>
--	---

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
South
1/4 - 1/2 Mile
Higher

CA WELLS 7655

Water System Information:

Prime Station Code:	07S/01E-08Q01 M	User ID:	HEN
FRDS Number:	4310028001	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	372230.0 1215250.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	MAIN CAMPUS WELL 01 - DESTROYED		
System Number:	4310028		
System Name:	San Jose State University		
Organization That Operates System:	One Washington Square San Jose, CA 95192		
Pop Served:	30000	Connections:	1000
Area Served:	Not Reported		

2
South
1/2 - 1 Mile
Lower

FED USGS USGS40000182555

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-372207121525701		
Monloc name:	006S001E32G001M		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	37.3684444
Longitude:	-121.8835833	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refs:	NAD83	Vert measure val:	65
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifermame:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19600901	Welldepth:	800
Welldepth units:	ft	Wellholedepth:	800
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

3
SW
1/2 - 1 Mile
Lower

CA WELLS 6835

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	08S/01E-32E04 M	User ID:	HEN
FRDS Number:	4300820001	County:	Santa Clara
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	372204.0 1215325.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01		
System Number:	4300820		
System Name:	Trailer Tel RV Park		
Organization That Operates System:	1212 Oakland Road San Jose, CA 95112		
Pop Served:	250	Connections:	170
Area Served:	Not Reported	Findings:	1340. US
Sample Collected:	05-MAY-82		
Chemical:	SPECIFIC CONDUCTANCE	Findings:	8.1
Sample Collected:	05-MAY-82		
Chemical:	PH, LABORATORY	Findings:	432. MG/L
Sample Collected:	05-MAY-82		
Chemical:	BICARBONATE ALKALINITY	Findings:	677. MG/L
Sample Collected:	05-MAY-82		
Chemical:	HARDNESS (TOTAL) AS CaCO3	Findings:	135. MG/L
Sample Collected:	05-MAY-82		
Chemical:	CALCIUM	Findings:	83. MG/L
Sample Collected:	05-MAY-82		
Chemical:	MAGNESIUM	Findings:	62. MG/L
Sample Collected:	05-MAY-82		
Chemical:	SODIUM	Findings:	84. MG/L
Sample Collected:	05-MAY-82		
Chemical:	CHLORIDE	Findings:	5.e-002 MG/L
Sample Collected:	05-MAY-82		
Chemical:	FOAMING AGENTS (MBAS)	Findings:	931. MG/L
Sample Collected:	05-MAY-82		
Chemical:	TOTAL DISSOLVED SOLIDS		

4
SE
1/2 - 1 Mile
Higher

FED USGS USGS40000182562

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-372210121520501		
Monloc name:	006S001E33F006M		
Monloc type:	Well		
Monloc desc:	Not Reported	Drainagearea value:	Not Reported
Huc code:	Not Reported	Contrib drainagearea:	Not Reported
Drainagearea Units:	Not Reported	Latitude:	37.369667
Contrib drainagearea units:	Not Reported	Sourcemap scale:	24000
Longitude:	-121.86825		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refs:	NAD83	Vert measure val:	95
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19630814	Welldepth:	612
Welldepth units:	ft	Wellholedepth:	680
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95131	22	0

Federal EPA Radon Zone for SANTA CLARA County: 2

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

Federal Area Radon Information for SANTA CLARA COUNTY, CA

Number of sites tested: 70

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.363 pCi/L	91%	9%	0%
Living Area - 2nd Floor	2.100 pCi/L	100%	0%	0%
Basement	2.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

RADON

State Database: CA Radon

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

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Phase I Environmental Site Assessment Report
Vacant land at Araujo Street, San Jose, Santa Clara County, California
March 2, 2015

ATTACHMENT 3 PHOTOGRAPHS



Photo 1: Looking at the City of San Jose Notice of Development



Photo 2: Looking northwest at the Subject Property



Photo 3: Looking west at the Subject Property



Photo 4: Looking north at the side of the Subject Property



Photo 5: Looking at San Jose Municipal Golf Course next to the property



Photo 6: Looking north at the Subject Property on Araujo Street

Phase I Environmental Site Assessment Report
Vacant land at Araujo Street, San Jose, Santa Clara County, California
March 2, 2015

**ATTACHMENT 4
EDR RADIUS MAP REPORT**

Vacant Land

Araujo Street
San Jose, CA 95131

Inquiry Number: 4219766.2s
February 27, 2015

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

ARAUJO STREET
SANTA CLARA County, CA 95131

COORDINATES

Latitude (North): 37.3793000 - 37° 22' 45.48"
Longitude (West): 121.8815000 - 121° 52' 53.40"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 599027.3
UTM Y (Meters): 4137333.5
Elevation: 77 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37121-D8 MILPITAS, CA
Most Recent Revision: 1980

East Map: 37121-D7 CALAVERAS RESERVOIR, CA
Most Recent Revision: 1980

Southeast Map: 37121-C7 SAN JOSE EAST, CA
Most Recent Revision: 1980

South Map: 37121-C8 SAN JOSE WEST, CA
Most Recent Revision: 1980

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120520
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal RCRA generators list

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal Institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

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

CA 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

CA UST..... Active UST Facilities
CA 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

INDIAN VCP..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

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
CA SWRCY..... Recycler Database
CA HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
CA WMUDS/SWAT..... Waste Management Unit Database

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
CA HIST Cal-Sites..... Historical Calsites Database
CA SCH..... School Property Evaluation Program
CA Toxic Pits..... Toxic Pits Cleanup Act Sites
CA 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
CA LIENS..... Environmental Liens Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CA LDS..... Land Disposal Sites Listing
CA MCS..... Military Cleanup Sites Listing
CA SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
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

EXECUTIVE SUMMARY

SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
CA UIC.....	UIC Listing
CA Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CA Notify 65.....	Proposition 65 Records
CA DRYCLEANERS.....	Cleaner Facilities
CA WIP.....	Well Investigation Program Case List
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
CA PROC.....	Certified Processors Database
CA HWT.....	Registered Hazardous Waste Transporter Database
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
LEAD SMELTERS.....	Lead Smelter Sites
EPA WATCH LIST.....	EPA WATCH LIST
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plant Operation Data

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF.....	Recovered Government Archive Solid Waste Facilities List
CA RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 CORRACTS site 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>
CLEAN HARBORS SAN JOSE LLC	1021 BERRYESSA ROAD	S 1/2 - 1 (0.766 mi.)	D23	59

State- and tribal - equivalent NPL

CA RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the CA RESPONSE list, as provided by EDR, and dated 11/03/2014 has revealed that there is 1 CA RESPONSE site 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>
RINGWOOD/MCKAY SITE	RINGWOOD AVE. & MCKAY DNW 1/2 - 1 (0.892 mi.)		28	381

State- and tribal - equivalent CERCLIS

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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 CA ENVIROSTOR list, as provided by EDR, and dated 11/03/2014 has revealed that there are 17 CA ENVIROSTOR sites 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>
KOMAG, INC. #9 Status: Inactive - Needs Evaluation	1705 AUTOMATION PARKWAY	1/2 - 1 (0.584 mi.)	19	46
WD MEDIA LLC Status: Inactive - Needs Evaluation	1710 AUTOMATION PY	N 1/2 - 1 (0.741 mi.)	21	54
ELCON PRECISION LLC Status: Active	1009 TIMOTHY DR	S 1/2 - 1 (0.848 mi.)	27	356
OCULAR LABS Status: Inactive - Needs Evaluation	923 BERRYESSA RD	SSW 1/2 - 1 (0.900 mi.)	31	387

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHERRY ACRES PARTNERSHIP Status: No Further Action	1671 MABURY	SE 1/2 - 1 (0.935 mi.)	32	388
ADAPTIVE CIRCUITS, DIV OF VIKO Status: Inactive - Needs Evaluation	1565-A MABURY ROAD	SSE 1/2 - 1 (0.937 mi.)	33	391
CONTROL DATA CORPORATION Status: Inactive - Needs Evaluation	967 MABURY RD	S 1/2 - 1 (0.996 mi.)	34	392
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MURPHY/LUNDY DEVELOPMENT Status: Refer: Other Agency	MURPHY & LUNDY AVES. (N	NNW 1/2 - 1 (0.553 mi.)	C17	41
YOUNG FAMILY NURSERY Status: Inactive - Needs Evaluation	1703 LUNDY AVENUE	NNW 1/2 - 1 (0.583 mi.)	C18	42
ABOVENET COMMUNICATIONS Status: Inactive - Needs Evaluation	1735 LUNDY AVENUE	NNW 1/2 - 1 (0.664 mi.)	20	48
QUANTUM CLEAN Status: Inactive - Needs Evaluation	1712 RINGWOOD AVE.	NW 1/2 - 1 (0.760 mi.)	22	56
CLEAN HARBORS SAN JOSE LLC Status: Refer: RWQCB	1021 BERRYESSA ROAD	S 1/2 - 1 (0.766 mi.)	D23	59
MARKOVITS & FOX Status: Certified	1633 OLD OAKLAND RD	W 1/2 - 1 (0.806 mi.)	25	325
BROKAW ROAD SITE Status: Certified / Operation & Maintenance	1040, 1060, AND 1080 EA	WNW 1/2 - 1 (0.841 mi.)	26	342
RINGWOOD/MCKAY SITE Status: No Further Action	RINGWOOD AVE. & MCKAY D	NW 1/2 - 1 (0.892 mi.)	28	381
PHILLIPS SEMICONDUCTORS Status: Inactive - Needs Evaluation	1101 & 1109 MCKAY DRIVE	NW 1/2 - 1 (0.895 mi.)	29	384
TELTEC INC (DBA GORILLA CIRCUIT) Status: Inactive - Needs Evaluation	1509 BERGER DR	WSW 1/2 - 1 (0.898 mi.)	30	385

State and tribal leaking storage tank lists

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

A review of the CA LUST list, as provided by EDR, and dated 01/20/2015 has revealed that there are 11 CA 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>
CHAN NURSERY Status: Completed - Case Closed	1250 TOWNSEND PARK CIR	N 1/8 - 1/4 (0.178 mi.)	3	9
K. TANAKA NURSERY Status: Completed - Case Closed	1472 LUNDY AVE	NNW 1/4 - 1/2 (0.309 mi.)	7	12
NORTH VILLAGE PHASE I Status: Completed - Case Closed	1590 BERRYESSA ROAD	SSE 1/4 - 1/2 (0.343 mi.)	8	14
FACCHINO FREIGHT LINES Status: Completed - Case Closed	1655 BERRYESSA	SSE 1/4 - 1/2 (0.445 mi.)	10	21

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHELL SERVICE STATION Status: Completed - Case Closed	1705 BERRYESSA	SE 1/4 - 1/2 (0.469 mi.)	B11	24
SHELL	1705 BERRYESSA RD	SE 1/4 - 1/2 (0.469 mi.)	B12	31
SHELL OIL COMPANY	1705 BERRYESSA RD	SE 1/4 - 1/2 (0.469 mi.)	B13	32
BC AUTO CARE Status: Completed - Case Closed	1715 BERRYESSA RD	SE 1/4 - 1/2 (0.471 mi.)	B14	32
BERRYESSA CHEVRON	1715 BERRYESSA RD	SE 1/4 - 1/2 (0.471 mi.)	B15	38
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHAN NURSERY	1250 TOWNSEND PARK CIR	WSW 1/8 - 1/4 (0.221 mi.)	A5	11
MIKE RAWITER GOLF SHOP	1560 OLD OAKLAND RD	W 1/4 - 1/2 (0.483 mi.)	16	40

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

A review of the CA SLIC list, as provided by EDR, and dated 01/20/2015 has revealed that there is 1 CA SLIC 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>
WESTERN PACIFIC RAILROAD Facility Status: Open - Inactive	900 EAST WILLIAMS	N 1/4 - 1/2 (0.399 mi.)	9	20

CA HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the CA HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 8 CA HIST 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>
K. TANAKA NURSERY	1472 LUNDY AVE	NNW 1/4 - 1/2 (0.309 mi.)	7	12
NORTH VILLAGE PHASE I	1590 BERRYESSA ROAD	SSE 1/4 - 1/2 (0.343 mi.)	8	14
FACCHINO FREIGHT LINES	1655 BERRYESSA	SSE 1/4 - 1/2 (0.445 mi.)	10	21
SHELL	1705 BERRYESSA RD	SE 1/4 - 1/2 (0.469 mi.)	B12	31
SHELL OIL COMPANY	1705 BERRYESSA RD	SE 1/4 - 1/2 (0.469 mi.)	B13	32
BERRYESSA CHEVRON	1715 BERRYESSA RD	SE 1/4 - 1/2 (0.471 mi.)	B15	38
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHAN NURSERY	1250 TOWNSEND PARK CIR	WSW 1/8 - 1/4 (0.221 mi.)	A5	11
MIKE RAWITER GOLF SHOP	1560 OLD OAKLAND RD	W 1/4 - 1/2 (0.483 mi.)	16	40

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there

EXECUTIVE SUMMARY

are 3 CA 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>
YAMADA BROS	1449 LUNDY AVE	NNE 0 - 1/8 (0.109 mi.)	1	8
CHAN NURSERY	1250 TOWNSEND PARK CIR	N 1/8 - 1/4 (0.178 mi.)	3	9
JOHN LUCCHETI	1280 LUNDY AVE	ESE 1/8 - 1/4 (0.208 mi.)	4	10

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

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 CA SWEEPS UST site 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>
T S CHAN NURSERY	1250 TOWNSEND PARK CIRC	WSW 1/8 - 1/4 (0.221 mi.)	A6	11

Other Ascertainable Records

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site 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>
CLEAN HARBORS SAN JOSE LLC	1021 BERRYESSA ROAD	S 1/2 - 1 (0.766 mi.)	D23	59

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site 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>
CLEAN HARBORS SAN JOSE, LLC	1021 BERRYESSA ROAD	S 1/2 - 1 (0.766 mi.)	D24	318

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

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 6 CA 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>
K. TANAKA NURSERY	1472 LUNDY AVE	NNW 1/4 - 1/2 (0.309 mi.)	7	12
NORTH VILLAGE PHASE I	1590 BERRYESSA ROAD	SSE 1/4 - 1/2 (0.343 mi.)	8	14
FACCHINO FREIGHT LINES	1655 BERRYESSA	SSE 1/4 - 1/2 (0.445 mi.)	10	21

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SHELL</i>	<i>1705 BERRYESSA RD</i>	<i>SE 1/4 - 1/2 (0.469 mi.)</i>	<i>B12</i>	<i>31</i>
<i>BC AUTO CARE</i>	<i>1715 BERRYESSA RD</i>	<i>SE 1/4 - 1/2 (0.471 mi.)</i>	<i>B14</i>	<i>32</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CHAN NURSERY</i>	<i>1250 TOWNSEND PARK CIR</i>	<i>WSW 1/8 - 1/4 (0.221 mi.)</i>	<i>A5</i>	<i>11</i>

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 11/24/2014 has revealed that there is 1 CA HWP site 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>CLEAN HARBORS SAN JOSE LLC</i>	<i>1021 BERRYESSA ROAD</i>	<i>S 1/2 - 1 (0.766 mi.)</i>	<i>D23</i>	<i>59</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	1170 ROYAL CREST DR	SE 1/8 - 1/4 (0.141 mi.)	2	8

EXECUTIVE SUMMARY

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

Site Name

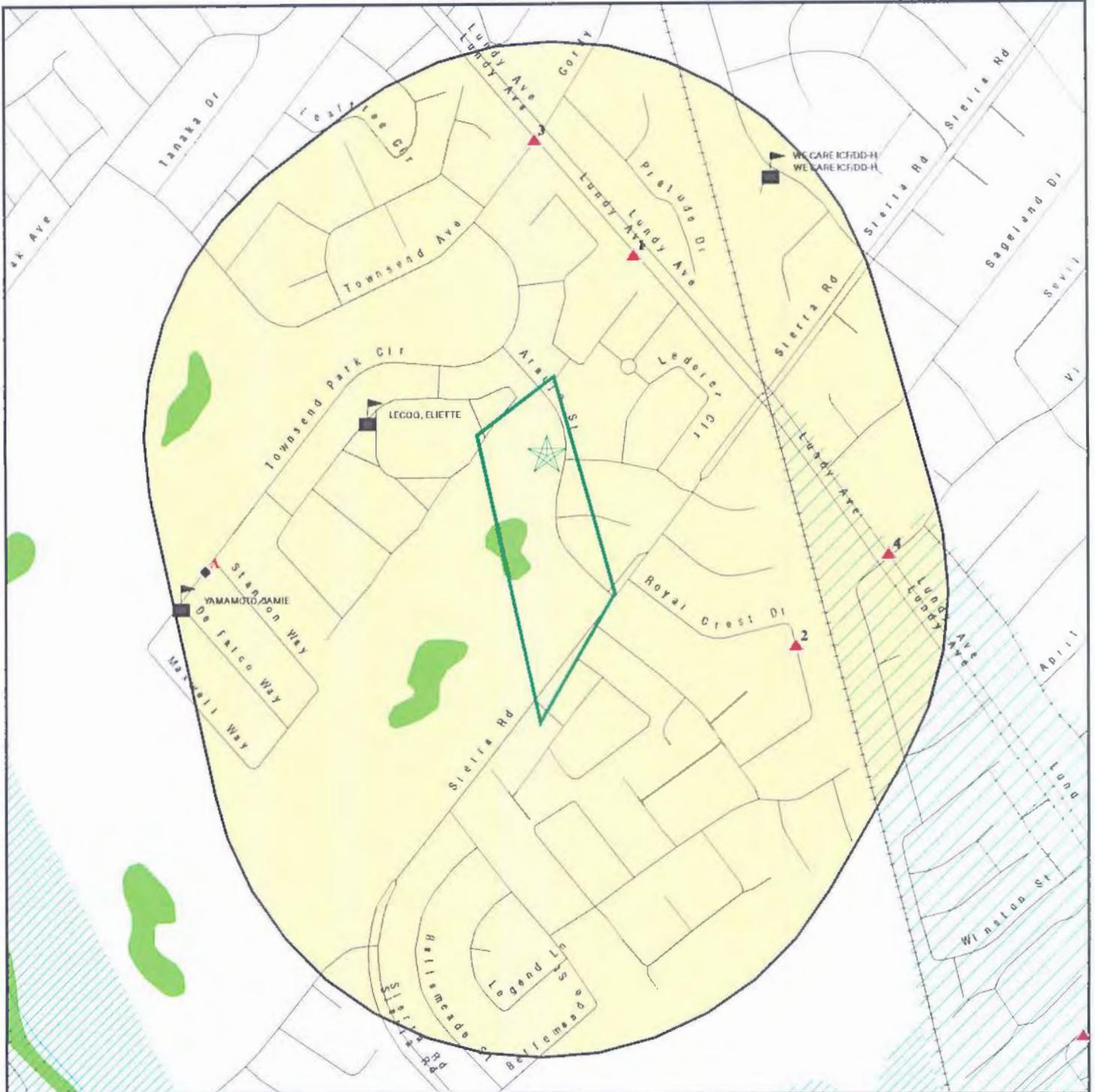
S&R PRECISION COMPANY

SILVERADO CONDOMINIUMS

Database(s)

CA LUST, CA SLIC, CA Notify 65,
CA EMI
CERC-NFRAP

DETAIL MAP - 4219766.2S



Target Property

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

- ☑ Indian Reservations BIA
- ☑ Oil & Gas pipelines from USGS
- ☑ 100-year flood zone
- ☑ 500-year flood zone
- ☑ 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: Vacant Land
 ADDRESS: Araujo Street
 San Jose CA 95131
 LAT/LONG: 37.3793 / 121.8815

CLIENT: Farshad Vakili, P.E., Phase 1 Assessment
 CONTACT: Farshad Vakili, P.E.
 INQUIRY #: 4219766.2s
 DATE: February 27, 2015 12:47 pm

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<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	0.001		0	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	1	NR	1
<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	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
CA RESPONSE	1.000		0	0	0	1	NR	1
<i>State- and tribal - equivalent CERCLIS</i>								
CA ENVIROSTOR	1.000		0	0	0	17	NR	17
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
CA SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
CA LUST	0.500		0	2	9	NR	NR	11

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
CA SLIC	0.500		0	0	1	NR	NR	1
CA HIST LUST	0.500		0	1	7	NR	NR	8
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
CA UST	0.250		0	0	NR	NR	NR	0
CA 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
<i>State and tribal voluntary cleanup sites</i>								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
CA FID UST	0.250		0	0	NR	NR	NR	0
CA HIST UST	0.250		1	2	NR	NR	NR	3
CA SWEEPS UST	0.250		0	1	NR	NR	NR	1
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA LIENS	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	0.001		0	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	1	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	1	NR	1
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA UIC	0.001		0	NR	NR	NR	NR	0
CA Cortese	0.500		0	0	0	NR	NR	0
CA HIST CORTESE	0.500		0	1	5	NR	NR	6
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA SAN JOSE HAZMAT	0.250		0	0	NR	NR	NR	0
WI MANIFEST	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001		0	NR	NR	NR	NR	0
CA EMI	0.001		0	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
CA HWP	1.000		0	0	0	1	NR	1
US AIRS	0.001		0	NR	NR	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	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	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF	0.001		0	NR	NR	NR	NR	0
CA RGA LUST	0.001		0	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

1
NNE
< 1/8
0.109 ml.
578 ft.

YAMADA BROS
1449 LUNDY AVE
SAN JOSE, CA 95131

CA HIST UST **U001603067**
N/A

Relative:
Higher

Actual:
83 ft.

HIST UST:

Region:	STATE
Facility ID:	00000015201
Facility Type:	Other
Other Type:	FARMING
Contact Name:	TOM YAMADA
Telephone:	4082974415
Owner Name:	YAMADA BROS.
Owner Address:	1449 LUNDY AVENUE
Owner City,St,Zip:	SAN JOSE, CA 95131
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1965
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Vapor Sniff Well
Tank Num:	002
Container Num:	2
Year Installed:	1965
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

2
SE
1/8-1/4
0.141 ml.
747 ft.

1170 ROYAL CREST DR
SAN JOSE, CA 95131

EDR US Hist Auto Stat **1015172573**
N/A

Relative:
Higher

Actual:
82 ft.

EDR Historical Auto Stations:

Name:	INTERNATIONAL AUTOMATIC SYST
Year:	2001
Address:	1170 ROYAL CREST DR
Name:	INTERNATIONAL AUTOMATIC SYST
Year:	2002
Address:	1170 ROYAL CREST DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3
North
1/8-1/4
0.178 ml.
939 ft.

CHAN NURSERY
1250 TOWNSEND PARK CIR
SAN JOSE, CA 95131

CA LUST U001603059
CA HIST UST N/A

Relative:
Higher

Actual:
81 ft.

LUST:
Region: STATE
Global Id: T0608501735
Latitude: 37.3801
Longitude: -121.8807
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/15/1996
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608501735
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Global Id: T0608501735
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608501735
Status: Completed - Case Closed
Status Date: 07/15/1996

Global Id: T0608501735
Status: Open - Case Begin Date
Status Date: 01/01/1991

Regulatory Activities:

Global Id: T0608501735
Action Type: Other
Date: 01/01/1991
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Sita

Database(s)

EDR ID Number
EPA ID Number

CHAN NURSERY (Continued)

U001603059

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 06S1E29P01F
Date Closed: 07/15/1996
EDR Link ID: 06S1E29P01F

HIST UST:

Region: STATE
Facility ID: 00000028013
Facility Type: Other
Other Type: FLOWER NURSERY
Contact Name: GORDON N. CHAN
Telephone: 4089471218
Owner Name: T.S. CHAN NURSERY INC.
Owner Address: 1250 TOWNSEND AVE.
Owner City,St,Zip: SAN JOSE, CA 95131
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1964
Tank Capacity: 00000510
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

4
ESE
1/8-1/4
0.208 ml.
1097 ft.

JOHN LUCCHETTI
1280 LUNDY AVE
SAN JOSE, CA 95131

CA HIST UST U001603037
N/A

Relative:
Higher

HIST UST:

Region: STATE
Facility ID: 00000067860
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported
Telephone: 4082720858
Owner Name: JOHN LUCCHETTI
Owner Address: 1280 LUNDY AVE
Owner City,St,Zip: SAN JOSE, CA 95131
Total Tanks: 0001

Actual:
89 ft.

Tank Num: 001
Container Num: 1
Year Installed: 1970
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: 1
Container Construction Thickness: X
Leak Detection: None

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A5
 WSW
 1/8-1/4
 0.221 mi.
 1168 ft.

CHAN NURSERY
1250 TOWNSEND PARK CIR
SAN JOSE, CA 95131

CA HIST CORTESE
 CA LUST
 CA HIST LUST

S101309336
 N/A

Site 1 of 2 in cluster A

Relative:
 Lower

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 43
 Reg By: LTNKA
 Reg Id: 43-1807

Actual:
 68 ft.

LUST REG 2:
 Region: 2
 Facility Id: Not reported
 Facility Status: Case Closed
 Case Number: 06S1E29P01f
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Oversight Program: LUST
 Prelim. Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Post Remedial Action Monitoring Began: Not reported

HIST LUST SANTA CLARA:
 Region: SANTA CLARA
 Region Code: 2
 SCVWD ID: 06S1E29P01
 Oversight Agency: SCVWD
 Date Listed: 1992-05-20 00:00:00
 Closed Date: 1996-07-15 00:00:00

A6
 WSW
 1/8-1/4
 0.221 mi.
 1168 ft.

T S CHAN NURSERY
1250 TOWNSEND PARK CIRCLE
SAN JOSE, CA 95131

CA SWEEPS UST

S106932754
 N/A

Site 2 of 2 in cluster A

Relative:
 Lower

SWEEPS UST:
 Status: Not reported
 Comp Number: 163
 Number: Not reported
 Board Of Equalization: Not reported
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: 43-000-000163-000001
 Tank Status: Not reported
 Capacity: 520
 Active Date: Not reported
 Tank Use: M.V. FUEL
 STG: PRODUCT
 Content: LEADED

Actual:
 68 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T S CHAN NURSERY (Continued)

S106932754

Number Of Tanks: 1

7
NNW
1/4-1/2
0.309 mi.
1629 ft.

K. TANAKA NURSERY
1472 LUNDY AVE
SAN JOSE, CA 95131

CA HIST CORTESE
CA LUST
CA HIST LUST

S103880631
N/A

Relative:
Higher

HIST CORTESE:

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0505

Actual:
80 ft.

LUST:

Region: STATE
Global Id: T0608500550
Latitude: 37.381148
Longitude: -121.878812
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 12/28/1995
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608500550
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Global Id: T0608500550
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608500550
Status: Open - Case Begin Date
Status Date: 11/28/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K. TANAKA NURSERY (Continued)

S103880631

Global Id: T0608500550
Status: Completed - Case Closed
Status Date: 12/28/1995

Regulatory Activities:

Global Id: T0608500550
Action Type: Other
Date: 11/28/1995
Action: Leak Reported

Global Id: T0608500550
Action Type: ENFORCEMENT
Date: 12/28/1995
Action: Closure/No Further Action Letter

Global Id: T0608500550
Action Type: RESPONSE
Date: 12/28/1995
Action: Other Report / Document

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1E29F01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 06S1E29F01F
Date Closed: 12/28/1995
EDR Link ID: 06S1E29F01F

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1E29F01
Oversite Agency: SCVWD
Date Listed: 1995-12-28 00:00:00
Closed Date: 1995-12-28 00:00:00

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

8
 SSE
 1/4-1/2
 0.343 mi.
 1809 ft.

NORTH VILLAGE PHASE I
1590 BERRYESSA ROAD
SAN JOSE, CA 95131

CA NPDES S102808740
CA HIST CORTESE N/A
CA LUST
CA HIST LUST
CA CUPA Listings

Relative:
 Higher

NPDES:

Npdes Number: CAS000002
 Facility Status: Active
 Agency Id: 0
 Region: 2
 Regulatory Measure Id: 449825
 Order No: 2009-0009-DWQ
 Regulatory Measure Type: Enrollee
 Place Id: Not reported
 WDID: 2 43C370957
 Program Type: Construction
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 09/23/2014
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: KB Home South Bay Inc
 Discharge Address: 5000 Executive Parkway Suite 125
 Discharge City: San Ramon
 Discharge State: California
 Discharge Zip: 94583

Actual:
 81 ft.

Npdes Number: CAS000002
 Facility Status: Active
 Agency Id: 0
 Region: 2
 Regulatory Measure Id: 431729
 Order No: 2009-0009-DWQ
 Regulatory Measure Type: Enrollee
 Place Id: Not reported
 WDID: 2 43C364840
 Program Type: Construction
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 10/19/2012
 Expiration Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Discharge Name: KB Home South Bay Inc
 Discharge Address: 5000 Executive Parkway Suite 125
 Discharge City: San Ramon
 Discharge State: California
 Discharge Zip: 94583

HIST CORTESE:

Region: CORTESE
 Facility County Code: 43
 Reg By: LTNKA
 Reg Id: 43-1188

LUST:

Region: STATE
 Global Id: T0608501176
 Latitude: 37.3670875678721
 Longitude: -121.876037120819

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH VILLAGE PHASE I (Continued)

S102808740

Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/04/1996
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608501176
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608501176
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Status History:

Global Id: T0608501176
Status: Open - Site Assessment
Status Date: 09/06/1991

Global Id: T0608501176
Status: Completed - Case Closed
Status Date: 04/04/1996

Global Id: T0608501176
Status: Open - Site Assessment
Status Date: 09/01/1985

Global Id: T0608501176
Status: Open - Case Begin Date
Status Date: 09/01/1985

Regulatory Activities:

Global Id: T0608501176
Action Type: ENFORCEMENT
Date: 03/22/1991
Action: Notice of Responsibility - #40449

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH VILLAGE PHASE I (Continued)

S102808740

Global Id: T0608501176
Action Type: ENFORCEMENT
Date: 07/03/1990
Action: Staff Letter - #33195

Global Id: T0608501176
Action Type: ENFORCEMENT
Date: 10/22/1999
Action: Staff Letter - #33210

Global Id: T0608501176
Action Type: ENFORCEMENT
Date: 08/31/1993
Action: Staff Letter - #33189

Global Id: T0608501176
Action Type: Other
Date: 08/17/1990
Action: Leak Reported

Global Id: T0608501176
Action Type: ENFORCEMENT
Date: 04/04/1996
Action: Closure/No Further Action Letter

Global Id: T0608501176
Action Type: RESPONSE
Date: 10/15/1993
Action: Monitoring Report - Quarterly

Global Id: T0608501176
Action Type: RESPONSE
Date: 04/15/1995
Action: Monitoring Report - Quarterly

Global Id: T0608501176
Action Type: RESPONSE
Date: 07/15/1994
Action: Monitoring Report - Quarterly

Global Id: T0608501176
Action Type: RESPONSE
Date: 10/26/1999
Action: Soil and Water Investigation Workplan

Global Id: T0608501176
Action Type: RESPONSE
Date: 01/15/1994
Action: Monitoring Report - Quarterly

Global Id: T0608501176
Action Type: RESPONSE
Date: 04/15/1994
Action: Monitoring Report - Quarterly

Global Id: T0608501176
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH VILLAGE PHASE I (Continued)

S102808740

Date: 10/15/1994
Action: Monitoring Report - Quarterly

Global Id: T0608501176
Action Type: RESPONSE
Date: 01/15/1995
Action: Monitoring Report - Quarterly

Global Id: T0608501176
Action Type: RESPONSE
Date: 07/15/1995
Action: Monitoring Report - Quarterly

Global Id: T0608501176
Action Type: RESPONSE
Date: 10/15/1995
Action: Monitoring Report - Quarterly

Global Id: T0608501176
Action Type: RESPONSE
Date: 04/04/1996
Action: Other Report / Document

Region: STATE
Global Id: T0608502408
Latitude: 37.3695432708679
Longitude: -121.877388954163
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/30/2000
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608502408
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608502408
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH VILLAGE PHASE I (Continued)

S102808740

City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Status History:

Global Id: T0608502408
Status: Open - Site Assessment
Status Date: 04/28/1999

Global Id: T0608502408
Status: Open - Site Assessment
Status Date: 06/24/1999

Global Id: T0608502408
Status: Completed - Case Closed
Status Date: 10/30/2000

Global Id: T0608502408
Status: Open - Case Begin Date
Status Date: 04/07/1999

Regulatory Activities:

Global Id: T0608502408
Action Type: Other
Date: 04/07/1999
Action: Leak Reported

Global Id: T0608502408
Action Type: RESPONSE
Date: 12/17/1999
Action: Soil and Water Investigation Report

Global Id: T0608502408
Action Type: RESPONSE
Date: 07/24/2000
Action: Other Report / Document

Global Id: T0608502408
Action Type: ENFORCEMENT
Date: 09/18/1999
Action: Staff Letter - #32950

Global Id: T0608502408
Action Type: ENFORCEMENT
Date: 07/20/2000
Action: Staff Letter - #32953

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1E32H01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH VILLAGE PHASE I (Continued)

S102808740

Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 9/1/1985
Pollution Characterization Began: 9/6/1991
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1E33E01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 4/28/1999
Pollution Characterization Began: 6/24/1999
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 06S1E33E01F
Date Closed: 10/30/2000
EDR Link ID: 06S1E33E01F

Region: SANTA CLARA
SCVWD ID: 06S1E32H01F
Date Closed: 04/04/1996
EDR Link ID: 06S1E32H01F

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1E32H01
Oversite Agency: SCVWD
Date Listed: 1991-03-21 00:00:00
Closed Date: 1996-04-04 00:00:00

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1E33E01
Oversite Agency: SCVWD
Date Listed: 1999-08-20 00:00:00
Closed Date: 2000-10-30 00:00:00

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: 2205
Program Description: GENERATES 100 KG YR TO <5 TONS/YR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH VILLAGE PHASE I (Continued)

S102808740

Region: SANTA CLARA
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD

Region: SANTA CLARA
PE#: BP06
Program Description: HMBP FACILITY, 22+ CHEMICALS

9
North
1/4-1/2
0.399 mi.
2106 ft.

**WESTERN PACIFIC RAILROAD
900 EAST WILLIAMS
SAN JOSE, CA**

**CA SLIC S106235149
N/A**

Relative:
Higher

SLIC:
Region: STATE
Facility Status: Open - Inactive
Status Date: 07/14/2010
Global Id: SL18265686
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.385815
Longitude: -121.880046
Case Type: Cleanup Program Site
Case Worker: UNA
Local Agency: Not reported
RB Case Number: 43S0761
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Actual:
86 ft.

[Click here to access the California GeoTracker records for this facility:](#)

SLIC REG 2:

Region: 2
Facility ID: SL18265686
Facility Status: Not reported
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

10
 SSE
 1/4-1/2
 0.445 mi.
 2349 ft.

FACCHINO FREIGHT LINES
 1655 BERRYESSA
 SAN JOSE, CA 95133

CA HIST CORTESE
 CA LUST
 CA HIST LUST
 CA HIST UST

U001603097
 N/A

Relative:
 Higher

HIST CORTESE:

Region: CORTESE
 Facility County Code: 43
 Reg By: LTNKA
 Reg Id: 43-0553

Actual:
 83 ft.

LUST:

Region: STATE
 Global Id: T0608500595
 Latitude: 37.3641
 Longitude: -121.8844
 Case Type: LUST Cleanup Site
 Status: Completed - Case Closed
 Status Date: 12/06/1996
 Lead Agency: SANTA CLARA COUNTY LOP
 Case Worker: UST
 Local Agency: SANTA CLARA COUNTY LOP
 RB Case Number: Not reported
 LOC Case Number: Not reported
 File Location: Stored electronically as an E-file
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Diesel
 Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608500595
 Contact Type: Regional Board Caseworker
 Contact Name: ZSC
 Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
 Address: 1515 CLAY STREET, SUITE 1400
 City: OAKLAND
 Email: Not reported
 Phone Number: Not reported

Global Id: T0608500595
 Contact Type: Local Agency Caseworker
 Contact Name: UST CASE WORKER
 Organization Name: SANTA CLARA COUNTY LOP
 Address: 1555 Berger Drive, Suite 300
 City: SAN JOSE
 Email: Not reported
 Phone Number: 4089183400

Status History:

Global Id: T0608500595
 Status: Open - Case Begin Date
 Status Date: 04/20/1988

Global Id: T0608500595
 Status: Open - Site Assessment
 Status Date: 11/09/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FACCHINO FREIGHT LINES (Continued)

U001603097

Global Id: T0608500595
Status: Completed - Case Closed
Status Date: 12/06/1996

Global Id: T0608500595
Status: Open - Site Assessment
Status Date: 07/27/1988

Regulatory Activities:

Global Id: T0608500595
Action Type: Other
Date: 04/20/1988
Action: Leak Reported

Global Id: T0608500595
Action Type: ENFORCEMENT
Date: 06/24/1993
Action: Notice of Violation - #40442

Global Id: T0608500595
Action Type: REMEDIATION
Date: 12/22/1987
Action: Excavation

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1E32A01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: 7/27/1988
Pollution Characterization Began: 11/9/1992
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 06S1E32A01F
Date Closed: 12/06/1996
EDR Link ID: 06S1E32A01F

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1E32A01
Oversite Agency: SCVWD
Date Listed: 1989-01-01 00:00:00
Closed Date: 1996-12-06 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FACCHINO FREIGHT LINES (Continued)

U001603097

HIST UST:

Region: STATE
Facility ID: 0000011173
Facility Type: Other
Other Type: TRUCKING
Contact Name: Not reported
Telephone: 4082874433
Owner Name: BERNARD J. FACCHINO
Owner Address: 1655 BERRYESSA RD
Owner City,St,Zip: SAN JOSE, CA 95133
Total Tanks: 0004

Tank Num: 001
Container Num: #1
Year Installed: 1974
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: #2
Year Installed: 1974
Tank Capacity: 00010000
Tank Used for: WASTE
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: #3
Year Installed: 1974
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: #4
Year Installed: 1974
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

B11
SE
 1/4-1/2
 0.469 mi.
 2476 ft.

SHELL SERVICE STATION
1705 BERRYESSA
SAN JOSE, CA 95150
 Site 1 of 5 in cluster B

RCRA-SQG 1005904522
CA LUST CAR000127373
CA CUPA Listings
CA HAZNET

Relative:
 Higher

RCRA-SQG:

Actual:
 89 ft.

Date form received by agency: 09/03/2002
 Facility name: SHELL SERVICE STATION
 Facility address: 1705 BERRYESSA
 S A P 138010
 SAN JOSE, CA 95150
 EPA ID: CAR000127373
 Mailing address: P O BOX 2648
 HOUSTON, TX 772522648
 Contact: SONDRA BIENVENU
 Contact address: P O BOX 2648
 HOUSTON, TX 772522648
 Contact country: US
 Contact telephone: (713) 241-5036
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: EQUILON ENTERPRISES LLC DBA
 Owner/operator address: P O BOX 2648
 HOUSTON, TX 77252
 Owner/operator country: Not reported
 Owner/operator telephone: (713) 241-5036
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. Importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 Used oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1005904522

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

LUST:

Region: STATE
Global Id: T0608501266
Latitude: 37.37395992326
Longitude: -121.873655319214
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/23/1996
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608501266
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Global Id: T0608501266
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Status History:

Global Id: T0608501266
Status: Open - Case Begin Date

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1005904522

Status Date: 07/14/1987

Global Id: T0608501266
Status: Open - Site Assessment
Status Date: 07/14/1987

Global Id: T0608501266
Status: Completed - Case Closed
Status Date: 07/23/1998

Regulatory Activities:

Global Id: T0608501266
Action Type: Other
Date: 06/27/1991
Action: Leak Reported

Global Id: T0608501266
Action Type: RESPONSE
Date: 07/15/1996
Action: Remedial Progress Report

Global Id: T0608501266
Action Type: RESPONSE
Date: 07/15/1995
Action: Monitoring Report - Quarterly

Global Id: T0608501266
Action Type: RESPONSE
Date: 10/15/1996
Action: Monitoring Report - Quarterly

Global Id: T0608501266
Action Type: RESPONSE
Date: 01/15/1996
Action: Monitoring Report - Quarterly

Global Id: T0608501266
Action Type: RESPONSE
Date: 04/15/1996
Action: Monitoring Report - Quarterly

Global Id: T0608501266
Action Type: RESPONSE
Date: 10/15/1999
Action: Monitoring Report - Quarterly

Global Id: T0608501266
Action Type: REMEDIATION
Date: 07/14/1987
Action: Excavation

Global Id: T0608501266
Action Type: ENFORCEMENT
Date: 01/11/1992
Action: Notice of Responsibility - #40473

Global Id: T0608501266

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1005904522

Action Type: ENFORCEMENT
Date: 05/17/1996
Action: Staff Letter - #33053

Global Id: T0608501266
Action Type: ENFORCEMENT
Date: 05/31/1995
Action: Staff Letter - #33044

Region: STATE
Global Id: T0608502428
Latitude: 37.373848
Longitude: -121.873829
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/03/2010
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 19-110
LOC Case Number: 08S1E33D03f
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0608502428
Contact Type: Regional Board Caseworker
Contact Name: NATHAN KING
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST., SUITE 1400
City: OAKLAND
Email: nkling@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0608502428
Status: Open - Site Assessment
Status Date: 01/19/1999

Global Id: T0808502428
Status: Open - Site Assessment
Status Date: 06/23/1999

Global Id: T0608502428
Status: Completed - Case Closed
Status Date: 08/03/2010

Global Id: T0608502428
Status: Open - Case Begin Date
Status Date: 01/19/1999

Global Id: T0808502428

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1005904522

Status: Open - Remediation
Status Date: 09/24/2002

Regulatory Activities:

Global Id: T0608502428
Action Type: Other
Date: 02/09/1999
Action: Leak Reported

Global Id: T0608502428
Action Type: ENFORCEMENT
Date: 12/24/2009
Action: Staff Letter

Global Id: T0608502428
Action Type: ENFORCEMENT
Date: 08/31/1999
Action: Staff Letter - #33105

Global Id: T0608502428
Action Type: ENFORCEMENT
Date: 03/01/2001
Action: Staff Letter - #33155

Global Id: T0608502428
Action Type: RESPONSE
Date: 10/15/1999
Action: Monitoring Report - Quarterly

Global Id: T0608502428
Action Type: Other
Date: 02/05/1999
Action: Leak Discovery

Global Id: T0608502428
Action Type: RESPONSE
Date: 10/15/2001
Action: Monitoring Report - Quarterly

Global Id: T0608502428
Action Type: RESPONSE
Date: 06/30/2010
Action: Well Destruction Report

Global Id: T0608502428
Action Type: ENFORCEMENT
Date: 09/08/2009
Action: Staff Letter

Global Id: T0608502428
Action Type: ENFORCEMENT
Date: 12/24/2009
Action: Staff Letter

Global Id: T0608502428
Action Type: Other
Date: 02/05/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1005904522

Action: Leak Stopped

Global Id: T0608502428
Action Type: REMEDIATION
Date: 07/09/2002
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608502428
Action Type: ENFORCEMENT
Date: 05/27/2010
Action: Staff Letter

Global Id: T0608502428
Action Type: RESPONSE
Date: 04/15/2001
Action: Monitoring Report - Quarterly

Global Id: T0608502428
Action Type: RESPONSE
Date: 07/15/2001
Action: Monitoring Report - Quarterly

Global Id: T0608502428
Action Type: ENFORCEMENT
Date: 08/03/2010
Action: Closure/No Further Action Letter

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 06S1E33D03F
Date Closed: 08/03/2010
EDR Link ID: 06S1E33D03F

Region: SANTA CLARA
SCVWD ID: 06S1E33D01F
Date Closed: 07/23/1998
EDR Link ID: 06S1E33D01F

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: 2202
Program Description: GENERATES < 100 KG/YR

Region: SANTA CLARA
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD

Region: SANTA CLARA
PE#: BP02
Program Description: HMBP FACILITY, 4-6 CHEMICALS

HAZNET:

envid: 1005904522
Year: 2010
GEPAID: CAR000127373

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

1005904522

Contact: J. Traylor/ENV REPORTING ANALYST
Telephone: 7132416992
Mailing Name: Not reported
Mailing Address: PO BOX 3127
Mailing City,St,Zip: HOUSTON, TX 772530000
Gen County: Not reported
TSD EPA ID: UTD981552177
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.2
Facility County: Santa Clara

envid: 1005904522
Year: 2010
GEPAID: CAR000127373
Contact: J. Traylor/ENV REPORTING ANALYST
Telephone: 7132416992
Mailing Name: Not reported
Mailing Address: PO BOX 3127
Mailing City,St,Zip: HOUSTON, TX 772530000
Gen County: Not reported
TSD EPA ID: UTD981552177
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: 0.2
Facility County: Santa Clara

envid: 1005904522
Year: 2009
GEPAID: CAR000127373
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Tons: 0.125
Facility County: Santa Clara

envid: 1005904522
Year: 2009
GEPAID: CAR000127373
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SHELL SERVICE STATION (Continued)

1005904522

Waste Category: Other organic solids
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.125
 Facility County: Santa Clara

envid: 1005904522
 Year: 2008
 GEPAID: CAR000127373
 Contact: R HULL/ENV. REPORTING ANALYST
 Telephone: 2818742224
 Mailing Name: Not reported
 Mailing Address: 12700 NORTHBOROUGH DR 300G03
 Mailing City,St,Zip: Houston, TX 770870000
 Gen County: Not reported
 TSD EPA ID: CAD008830290
 TSD County: Not reported
 Waste Category: Other organic solids
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.02
 Facility County: Santa Clara

[Click this hyperlink](#) while viewing on your computer to access 19 additional CA_HAZNET: record(s) in the EDR Site Report.

B12
SE
 1/4-1/2
 0.469 mi.
 2476 ft.

SHELL
 1705 BERRYESSA RD
 SAN JOSE, CA 95118
 Site 2 of 5 in cluster B

CA HIST CORTESE S105126367
CA LUST N/A
CA HIST LUST

Relative:
Higher

HIST CORTESE:
 Region: CORTESE
 Facility County Code: Not reported
 Reg By: Not reported
 Reg Id: Not reported

Actual:
89 ft.

LUST REG 2:
 Region: 2
 Facility Id: Not reported
 Facility Status: Pollution Characterization
 Case Number: 06S1E33D03f
 How Discovered: Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 Date Leak Confirmed: Not reported
 Oversight Program: LUST
 Prelim. Site Assesment Wokplan Submitted: Not reported
 Preliminary Site Assesment Began: 1/19/1999
 Pollution Characterization Began: 6/23/1999
 Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Post Remedial Action Monitoring Began: Not reported

HIST LUST SANTA CLARA:
 Region: SANTA CLARA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL (Continued)

S105126367

Region Code: 2
SCVWD ID: 06S1E33D03
Oversite Agency: SCCDEH
Date Listed: 1999-03-15 00:00:00
Closed Date: Not reported

B13
SE
1/4-1/2
0.469 mi.
2476 ft.

SHELL OIL COMPANY
1705 BERRYESSA RD
SAN JOSE, CA 95133
Site 3 of 5 in cluster B

CA LUST S105512912
CA HIST LUST N/A

Relative:
Higher

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1E33D01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 7/14/1987
Pollution Characterization Began: 7/14/1987
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Actual:
89 ft.

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1E33D01
Oversite Agency: SCVWD
Date Listed: 1992-01-01 00:00:00
Closed Date: 1996-07-23 00:00:00

B14
SE
1/4-1/2
0.471 mi.
2487 ft.

BC AUTO CARE
1715 BERRYESSA RD
SAN JOSE, CA 95133
Site 4 of 5 in cluster B

CA HIST CORTESE S110060472
CA LUST N/A
CA CUPA Listings
CA SAN JOSE HAZMAT

Relative:
Higher

HIST CORTESE:

Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0296

Actual:
90 ft.

LUST:

Region: STATE
Global Id: T0608500353
Latitude: 37.3743521230633
Longitude: -121.872990131378
Case Type: LUST Cleanup Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BC AUTO CARE (Continued)

S110060472

Status: Completed - Case Closed
Status Date: 02/14/2005
Lead Agency: SANTA CLARA COUNTY LOP
Case Worker: UST
Local Agency: SANTA CLARA COUNTY LOP
RB Case Number: Not reported
LOC Case Number: Not reported
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0608500353
Contact Type: Regional Board Caseworker
Contact Name: ZSC
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0608500353
Contact Type: Local Agency Caseworker
Contact Name: UST CASE WORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: Not reported
Phone Number: 4089183400

Status History:

Global Id: T0608500353
Status: Open - Verification Monitoring
Status Date: 06/01/1992

Global Id: T0608500353
Status: Open - Site Assessment
Status Date: 10/01/1984

Global Id: T0608500353
Status: Open - Site Assessment
Status Date: 06/01/1989

Global Id: T0608500353
Status: Completed - Case Closed
Status Date: 02/14/2005

Global Id: T0608500353
Status: Open - Case Begin Date
Status Date: 10/01/1984

Regulatory Activities:

Global Id: T0608500353
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BC AUTO CARE (Continued)

8110060472

Date: 08/28/1996
Action: Staff Letter - #33072

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 02/23/1998
Action: Staff Letter - #33068

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 08/30/1989
Action: Staff Letter - #33059

Global Id: T0608500353
Action Type: Other
Date: 10/01/1984
Action: Leak Reported

Global Id: T0608500353
Action Type: RESPONSE
Date: 11/08/2001
Action: Soil and Water Investigation Report

Global Id: T0608500353
Action Type: RESPONSE
Date: 08/31/2001
Action: Soil and Water Investigation Workplan

Global Id: T0608500353
Action Type: RESPONSE
Date: 07/15/2001
Action: Soil and Water Investigation Report

Global Id: T0608500353
Action Type: RESPONSE
Date: 12/13/1999
Action: Other Report / Document

Global Id: T0608500353
Action Type: RESPONSE
Date: 06/19/1999
Action: Soil and Water Investigation Workplan

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 03/17/1999
Action: Staff Letter - #33077

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 08/02/2004
Action: Staff Letter - #44493

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 07/25/2001
Action: Staff Letter - #33091

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BC AUTO CARE (Continued)

S110060472

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 05/05/1999
Action: Staff Letter - #33079

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 02/14/2005
Action: Closure/No Further Action Letter

Global Id: T0608500353
Action Type: RESPONSE
Date: 07/31/2003
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 04/30/1997
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 12/12/1996
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 12/31/2004
Action: Other Report / Document

Global Id: T0608500353
Action Type: RESPONSE
Date: 07/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 07/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 04/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BC AUTO CARE (Continued)

S110060472

Date: 10/31/2003
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 08/31/1989
Action: Other Report / Document

Global Id: T0608500353
Action Type: RESPONSE
Date: 10/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 01/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 04/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 04/30/1999
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 10/31/2000
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 01/30/2001
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 02/21/1997
Action: Staff Letter - #33074

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 05/28/1996
Action: Staff Letter - #33070

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 08/31/1994
Action: Staff Letter - #33063

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 06/19/1989
Action: Staff Letter - #33061

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BC AUTO CARE (Continued)

S110060472

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 01/15/1991
Action: Notice of Responsibility - #40474

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 12/05/2001
Action: Staff Letter - #33100

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 09/04/2001
Action: Staff Letter - #33094

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 04/16/2001
Action: Staff Letter - #33085

Global Id: T0608500353
Action Type: ENFORCEMENT
Date: 10/29/1999
Action: Staff Letter - #33081

Global Id: T0608500353
Action Type: RESPONSE
Date: 07/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 04/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0608500353
Action Type: RESPONSE
Date: 09/08/1994
Action: Other Report / Document

Global Id: T0608500353
Action Type: RESPONSE
Date: 06/20/1989
Action: Soil and Water Investigation Workplan

Global Id: T0608500353
Action Type: REMEDIATION
Date: 02/21/1990
Action: Pump & Treat (P&T) Groundwater

Global Id: T0608500353
Action Type: REMEDIATION
Date: 02/21/1990
Action: Free Product Removal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BC AUTO CARE (Continued)

S110060472

LUST SANTA CLARA:

Region: SANTA CLARA
SCVWD ID: 06S1E33D02F
Date Closed: 02/14/2005
EDR Link ID: 06S1E33D02F

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: 2202
Program Description: GENERATES < 100 KG/YR

Region: SANTA CLARA
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 410851
Class: Auto Repair

Region: SAN JOSE
File Num: 405014
Class: Gasoline Station

B15
SE
1/4-1/2
0.471 mi.
2487 ft.

BERRYESSA CHEVRON
1715 BERRYESSA RD
SAN JOSE, CA 95133

Site 5 of 5 in cluster B

CA LUST S105030336
CA HIST LUST N/A
CA CUPA Listings
CA SWEEPS UST

Relative:
Higher

Actual:
90 ft.

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Post remedial action monitoring
Case Number: 06S1E33D02f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 10/1/1984
Pollution Characterization Began: 6/1/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 6/1/1992

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1E33D02
Oversite Agency: SCVWD
Date Listed: 1985-01-01 00:00:00
Closed Date: 2005-02-14 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERRYESSA CHEVRON (Continued)

S105030336

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS

Region: SANTA CLARA
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD

Region: SANTA CLARA
PE#: 2202
Program Description: GENERATES < 100 KG/YR

SWEEPS UST:

Status: Active
Comp Number: 405014
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405014-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 405014
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405014-000002
Tank Status: A
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 405014
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BERRYESSA CHEVRON (Continued)

S105030336

SWRCB Tank Id: 43-060-405014-000003
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 405014
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-08-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 43-060-405014-000004
Tank Status: A
Capacity: 1500
Active Date: Not reported
Tank Use: OIL
STG: W
Content: Not reported
Number Of Tanks: Not reported

16
West
1/4-1/2
0.483 ml.
2551 ft.

MIKE RAWITER GOLF SHOP
1560 OLD OAKLAND RD
SAN JOSE, CA 95131

CA LUST S105034516
CA HIST LUST N/A

Relative:
Lower

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1E29M01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 9/30/1993
Pollution Characterization Began: 10/1/1993
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Actual:
58 ft.

HIST LUST SANTA CLARA:

Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1E29M01
Overrule Agency: SCVWD
Date Listed: 1994-03-02 00:00:00
Closed Date: 1995-11-20 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C17 MURPHY/LUNDY DEVELOPMENT
NNW MURPHY & LUNDY AVES. (NW)
1/2-1 SAN JOSE, CA 95131
0.553 ml.
2919 ft. Site 1 of 2 in cluster C

CA ENVIROSTOR S100351788
N/A

Relative:
Lower

Actual:
75 ft.

ENVIROSTOR:
Facility ID: 43010017
Status: Refer: Other Agency
Status Date: 11/25/1992
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 7
NPL: NO
Regulatory Agencies: CITY OF SAN JOSE
Lead Agency: CITY OF SAN JOSE
Program Manager: Claude Jernison
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.38722
Longitude: -121.8861
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ORCHARD
Potential COC: * Pesticides - Wastes From Production * CONTAMINATED SOIL
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: APN 244-20-031
Alias Type: Alternate Name
Alias Name: MURPHY/LUNDY DEVELOPMENT
Alias Type: Alternate Name
Alias Name: 43010017
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/25/1992
Comments: Completed Site Screening. In 1988, several environmental assessment investigations were conducted at the site. The City of San Jose (City), the lead agency, directed that these investigations be performed in conjunction with the commercial development plan. A combined concentration of DDT, DDD and DDE (DDT) of 6.98 parts per million (ppm) was detected in soil during the investigation. Also detected in soil were dieldrin (non-detect to 35 ppm) and arsenic (17 to 35 ppm). The City did not require groundwater sampling to be performed. In 1993, soil remediation was conducted during the development of the site. The Site Remediation Work Plan approved by the City specified the removal of soil with DDT concentrations exceeding 1 ppm and removal of 30 inches of soil in areas that would not have an impervious cover. These areas included all landscaping locations and a public service easement. The excavation bases from the parking lot island and public service easement locations were

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MURPHY/LUNDY DEVELOPMENT (Continued)

S100351788

sampled and the detected combined concentrations of DDT, DDD, and DDE were from non-detect to 0.12 ppm. Samples collected from a stockpile of vegetated soil removed during site preparation detected a combined concentration of DDT, DDD, and DDE ranging from 2.0 to 3.8 ppm. The vegetated soil was placed in the landscape area and covered with a 40-mil high-density polyethylene geomembrane and geotextile fabric cover. The reason for this was because placing a mixture of soil and vegetation under a building or pavement was determined not to be appropriate, as the vegetation is difficult to compact and will degrade over time, resulting in high compressibility and settlement. Soil removed from landscaping locations and the public service easement was used as fill primarily in the parking lot.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 05/21/2003
 Comments: Contaminated soil is capped under the site and posed little health threat to the public. City of San Jose directed remediation of site. The site was referred to the City of San Jose.

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

C18
 NNW
 1/2-1
 0.583 mi.
 3080 ft.

YOUNG FAMILY NURSERY
1703 LUNDY AVENUE
SAN JOSE, CA 95131
 Site 2 of 2 in cluster C

CA HIST UST U001603068
CA VCP N/A
CA ENVIROSTOR

Relative:
 Lower

Actual:
 74 ft.

HIST UST:
 Region: STATE
 Facility ID: 00000037424
 Facility Type: Other
 Other Type: FARM
 Contact Name: LANG YOUNG
 Telephone: 4082863774
 Owner Name: LANG YOUNG
 Owner Address: 1703 LUNDY AVENUE
 Owner City, St, Zip: SAN JOSE, CA 95131
 Total Tanks: 0001
 Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00000500
 Tank Used for: PRODUCT
 Type of Fuel: UNLEADED
 Container Construction Thickness: Not reported
 Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YOUNG FAMILY NURSERY (Continued)

U001603068

VCP:

Facility ID: 60000614
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 4.81
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Jovanne Villamater
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Site Code: 201741
Assembly: 25
Senate: 10
Special Programs Code: Not reported
Status: Inactive - Needs Evaluation
Status Date: 04/22/2010
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.38898 / -121.8891
APN: 244-20-005
Past Use: NURSERY, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE
Potential COC: 30008, 30207
Confirmed COC: 30207, 30008
Potential Description: SOIL
Alias Name: 244-20-005
Alias Type: APN
Alias Name: 110033621007
Alias Type: EPA (FRS #)
Alias Name: 201741
Alias Type: Project Code (Site Code)
Alias Name: 60000614
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/17/2007
Comments: VCA finalized 9/17/2007.

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/23/2009
Comments: Not reported

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/21/2009
Comments: Work Notice mailed out 04/21/2009 for Soil Removal Work Plan.

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YOUNG FAMILY NURSERY (Continued)

U001603068

Completed Document Type: Removal Action Workplan
Completed Date: 04/23/2009
Comments: Soil Removal Work Plan approved 04/23/2009. Soil contaminated with pesticides to be removed within a smaller 13ft x 10ft chemical mixing shed area in the larger parcel. Sampling to begin 05/05/2009; Soil excavation to begin 07/2009.

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/13/2009
Comments: Implementation of the Soil Removal Workplan, including backfilling of the excavation area with clean soil, was completed.

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/12/2010
Comments: Completion Report approved 4/12/2010. Chemical Mixing Shed Area with elevated pesticides in soil excavated, per Soil Removal Workplan.

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/21/2009
Comments: Public Notice for SWRP finalized on 04/21/2009; to appear in the San Jose Post on 05/01/2009.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 60000614
Status: Inactive - Needs Evaluation
Status Date: 04/22/2010
Site Code: 201741
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 4.81
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jovanne Villamater
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YOUNG FAMILY NURSERY (Continued)

U001603068

Funding: Responsible Party
Latitude: 37.38898
Longitude: -121.8891
APN: 244-20-005
Past Use: NURSERY, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE
Potential COC: DDT Dieldrin
Confirmed COC: Dieldrin DDT
Potential Description: SOIL
Alias Name: 244-20-005
Alias Type: APN
Alias Name: 110033821007
Alias Type: EPA (FRS #)
Alias Name: 201741
Alias Type: Project Code (Site Code)
Alias Name: 60000614
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/17/2007
Comments: VCA finalized 9/17/2007.

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/23/2009
Comments: Not reported

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/21/2009
Comments: Work Notice mailed out 04/21/2009 for Soil Removal Work Plan.

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/23/2009
Comments: Soil Removal Work Plan approved 04/23/2009. Soil contaminated with pesticides to be removed within a smaller 13ft x 10ft chemical mixing shed area in the larger parcel. Sampling to begin 05/05/2009; Soil excavation to begin 07/2009.

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/13/2009
Comments: Implementation of the Soil Removal Workplan, including backfilling of the excavation area with clean soil, was completed.

Completed Area Name: Chemical Mixing Shed Area
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/12/2010
Comments: Completion Report approved 4/12/2010. Chemical Mixing Shed Area with elevated pesticides in soil excavated, per Soil Removal Workplan.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

YOUNG FAMILY NURSERY (Continued)

U001603068

Completed Area Name: Chemical Mixing Shed Area
 Completed Sub Area Name: Not reported
 Completed Document Type: Public Notice
 Completed Date: 04/21/2009
 Comments: Public Notice for SWRP finalized on 04/21/2009; to appear in the San Jose Post on 05/01/2009.

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

19
 North
 1/2-1
 0.584 mi.
 3086 ft.

KOMAG, INC. #9
1705 AUTOMATION PARKWAY
SAN JOSE, CA 95131

CA ENF S110493981
 CA ENVIROSTOR N/A

Relative:
 Higher

ENF:
 Region: 2
 Facility Id: 206982
 Agency Name: AboveNet Communications
 Place Type: Facility
 Place Subtype: Not reported
 Facility Type: All other facilities
 Agency Type: Privately-Owned Business
 # Of Agencies: 1
 Place Latitude: Not reported
 Place Longitude: Not reported
 SIC Code 1: Not reported
 SIC Desc 1: Not reported
 SIC Code 2: Not reported
 SIC Desc 2: Not reported
 SIC Code 3: Not reported
 SIC Desc 3: Not reported
 NAICS Code 1: Not reported
 NAICS Desc 1: Not reported
 NAICS Code 2: Not reported
 NAICS Desc 2: Not reported
 NAICS Code 3: Not reported
 NAICS Desc 3: Not reported
 # Of Places: 1
 Source Of Facility: Reg Meas
 Design Flow: Not reported
 Threat To Water Quality: Not reported
 Complexity: Not reported
 Pretreatment: Not reported
 Facility Waste Type: Not reported
 Facility Waste Type 2: Not reported
 Facility Waste Type 3: Not reported
 Facility Waste Type 4: Not reported
 Program: AGT
 Program Category1: TANKS

Actual:
 80 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KOMAG, INC. #9 (Continued)

S110493981

Program Category2:	TANKS
# Of Programs:	1
WDID:	2 43AGT440U
Reg Measure Id:	169539
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	241463
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/30/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 43AGT440U
Description:	Notice of Noncompliance with APSA Facility has been contacted
Program:	AGT
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

ENVIROSTOR:

Facility ID:	71003440
Status:	Inactive - Needs Evaluation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KOMAG, INC. #9 (Continued)

S110493981

Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.39032
Longitude: -121.8849
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAR000008573
Alias Type: EPA Identification Number
Alias Name: 71003440
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

20
NNW
1/2-1
0.864 mi.
3508 ft.

ABOVENET COMMUNICATIONS
1735 LUNDY AVENUE
SAN JOSE, CA 95131

RCRA-SQG 1000145956
CA CUPA Listings CAD982403792
CA SAN JOSE HAZMAT
CA EMI
CA ENVIROSTOR

Relative:
Lower

RCRA-SQG:
Date form received by agency: 10/12/2000
Facility name: ABOVENET COMMUNICATIONS
Site name: KOMAG, INC. BUILDING 6
Facility address: 1735 LUNDY AVENUE
SAN JOSE, CA 95131

Actual:
70 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABOVENET COMMUNICATIONS (Continued)

1000145956

EPA ID: CAD982403792
Mailing address: 1710 AUTOMATION PARKWAY
SAN JOSE, CA 95131
Contact: BLAIR MICHAEL
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (408) 576-2113
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/10/2000
Site name: ABOVENET COMMUNICATIONS
Classification: Small Quantity Generator

Date form received by agency: 03/04/1999
Site name: KOMAG, INC. BUILDING 6
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: ABOVENET COMMUNICATIONS
Classification: Large Quantity Generator

Date form received by agency: 03/26/1996
Site name: KOMAG, INC BLDG 6
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: KOMAG, INC
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABOVENET COMMUNICATIONS (Continued)

1000145956

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/08/1995
Date achieved compliance: 03/08/2000
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/24/1993
Date achieved compliance: 09/28/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/08/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/08/2000
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 08/24/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABOVENET COMMUNICATIONS (Continued)

1000145956

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/28/1993
Evaluation lead agency: State Contractor/Grantee

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: 2399
Program Description: UNDERGROUND STORAGE TANK PROGRAM RECORD

Region: SANTA CLARA
PE#: BP01
Program Description: HMBP FACILITY, 1-3 CHEMICALS

Region: SANTA CLARA
PE#: 2202
Program Description: GENERATES < 100 KG/YR

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 406598
Class: Misc. Complex firms and labs

EMI:

Year: 1990
County Code: 43
Air Basin: SF
Facility ID: 5441
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 15
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1993
County Code: 43
Air Basin: SF
Facility ID: 5441
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 19
Reactive Organic Gases Tons/Yr: 14
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABOVENET COMMUNICATIONS (Continued)

1000145956

Year: 1995
County Code: 43
Air Basin: SF
Facility ID: 5441
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 66
Reactive Organic Gases Tons/Yr: 44
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1996
County Code: 43
Air Basin: SF
Facility ID: 5441
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 66
Reactive Organic Gases Tons/Yr: 44
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1997
County Code: 43
Air Basin: SF
Facility ID: 5441
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13
Reactive Organic Gases Tons/Yr: 9
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 1998
County Code: 43
Air Basin: SF
Facility ID: 5441
Air District Name: BA
SIC Code: 3674

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

ABOVENET COMMUNICATIONS (Continued)

1000145956

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 17
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1999
County Code: 43
Air Basin: SF
Facility ID: 5441
Air District Name: BA
SIC Code: 3695
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 16
Reactive Organic Gases Tons/Yr: 15
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2000
County Code: 43
Air Basin: SF
Facility ID: 5441
Air District Name: BA
SIC Code: 3695
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 16
Reactive Organic Gases Tons/Yr: 15
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

ENVIROSTOR:

Facility ID: 71003023
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABOVENET COMMUNICATIONS (Continued)

1000145956

Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.38879
Longitude: -121.8873
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD882403792
Alias Type: EPA Identification Number
Alias Name: 110000747416
Alias Type: EPA (FRS #)
Alias Name: 71003023
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

21
North
1/2-1
0.741 mi.
3912 ft.

WD MEDIA LLC
1710 AUTOMATION PY
SAN JOSE, CA 95131

CA NPDES S110493980
CA CUPA Listings N/A
CA SAN JOSE HAZMAT
CA ENVIROSTOR

Relative:
Higher

NPDES:

Npdes Number: CAS000001
Facility Status: Active
Agency Id: 0
Region: 2
Regulatory Measure Id: 184088
Order No: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 2 431012570
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 09/18/1998

Actual:
80 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WD MEDIA LLC (Continued)

S110493980

Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: WD Media Inc
Discharge Address: 1710 Automation Pkwy
Discharge City: San Jose
Discharge State: California
Discharge Zip: 95131

CUPA SANTA CLARA:

Region: SANTA CLARA
PE#: BP08
Program Description: HMBP FACILITY, 22+ CHEMICALS

Region: SANTA CLARA
PE#: 2206
Program Description: GENERATES 5 TO <25 TONS/YR

Region: SANTA CLARA
PE#: 2281
Program Description: PERMIT BY RULE (PBR)

SAN JOSE HAZMAT:

Region: SAN JOSE
File Num: 407555
Class: Misc. Complex firms and labs

ENVIROSTOR:

Facility ID: 71003455
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.39199
Longitude: -121.8836
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAR000013581
Alias Type: EPA Identification Number
Alias Name: 71003455

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WD MEDIA LLC (Continued)

S110493980

Atlas Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

22
 NW
 1/2-1
 0.760 mi.
 4014 ft.

QUANTUM CLEAN
1712 RINGWOOD AVE.
SAN JOSE, CA 95131

CA EMI S110503158
 CA ENVIROSTOR N/A

Relative:
 Lower

EMI:

Year: 2008
 County Code: 43
 Air Basin: SF
 Facility ID: 18504
 Air District Name: BA
 SIC Code: 3471
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers & Smir Tons/Yr: 0

Actual:
 58 ft.

Year: 2009
 County Code: 43
 Air Basin: SF
 Facility ID: 18504
 Air District Name: BA
 SIC Code: 3471
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

QUANTUM CLEAN (Continued)

S110503158

Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2010
County Code: 43
Air Basin: SF
Facility ID: 18504
Air District Name: BA
SIC Code: 3471
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2011
County Code: 43
Air Basin: SF
Facility ID: 18504
Air District Name: BA
SIC Code: 3471
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2012
County Code: 43
Air Basin: SF
Facility ID: 18504
Air District Name: BA
SIC Code: 3471
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

ENVIROSTOR:

Facility ID: 71004103
Status: Inactive - Needs Evaluation
Status Date: 09/16/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

QUANTUM CLEAN (Continued)

S110503158

Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piro
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.38737
Longitude: -121.8920
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000308188
Alias Type: EPA Identification Number
Alias Name: 71004103
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

D23
South
1/2-1
0.766 mi.
4044 ft.
Site 1 of 2 in cluster D

Relative:
Lower

Actual:
73 ft.

CLEAN HARBORS SAN JOSE LLC
1021 BERRYESSA ROAD
SAN JOSE, CA 95133

RCRA-TSDF **1000430269**
CERC-NFRAP **CAD059494310**
CORRACTS
RCRA-LQG
US ENG CONTROLS
US INST CONTROL
ROD
FINDS
CA NPDES
CA SLIC
CA HIST UST
CA SAN JOSE HAZMAT
NY MANIFEST
WI MANIFEST
CA ENVIROSTOR
CA MWMP
CA Financial Assurance
2020 COR ACTION
CA HWP
PRP
US FIN ASSUR

RCRA-TSDF:

Date form received by agency: 03/01/2014
Facility name: CLEAN HARBORS SAN JOSE LLC
Facility address: 1021 BERRYESSA ROAD
 SAN JOSE, CA 95133
EPA ID: CAD059494310
Mailing address: BERRYESSA ROAD
 SAN JOSE, CA 95133
Contact: LON R STEWART
Contact address: BERRYESSA ROAD
 SAN JOSE, CA 95133
Contact country: Not reported
Contact telephone: (408) 441-0962
Contact email: STEWART.LON@CLEANHARBORS.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CLEAN HARBORS SAN JOSE LLC
Owner/operator address: BERRYESSA ROAD
 SAN JOSE, CA 95133

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLEAN HARBORS SAN JOSE LLC (Continued)

1000430269

Owner/operator country: Not reported
Owner/operator telephone: (408) 441-0962
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/08/2002
Owner/Op end date: Not reported

Owner/operator name: CLEAN HARBORS SAN JOSE LLC
Owner/operator address: BERRYESSA ROAD
SAN JOSE, CA 95133

Owner/operator country: Not reported
Owner/operator telephone: (408) 441-0962
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/08/2002
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: Yes
Used oil transporter: Yes

Universal Waste Summary:

Waste type: A
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: C
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: E
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Pesticides

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLEAN HARBORS SAN JOSE LLC (Continued)

1000430269

Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: Yes
Generated waste on-site: No

Historical Generators:

Date form received by agency: 10/12/2012
Site name: CLEAN HARBORS SAN JOSE, LLC
Classification: Large Quantity Generator

Date form received by agency: 07/16/2010
Site name: CLEAN HARBORS SAN JOSE, LLC
Classification: Large Quantity Generator

Date form received by agency: 02/28/2008
Site name: CLEAN HARBORS SAN JOSE LLC
Classification: Large Quantity Generator

Date form received by agency: 02/24/2006
Site name: CLEAN HARBORS SAN JOSE LLC
Classification: Large Quantity Generator

Date form received by agency: 03/30/2004
Site name: CLEAN HARBORS SAN JOSE LLC
Classification: Large Quantity Generator

Date form received by agency: 12/09/2002
Site name: CLEAN HARBORS SAN JOSE LLC
Classification: Large Quantity Generator

Date form received by agency: 02/28/2002
Site name: SAFETY-KLEEN (SAN JOSE) INC
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Site name: SAFETY-KLEEN (SAN JOSE), INC.
Classification: Large Quantity Generator

Date form received by agency: 01/05/2000
Site name: SAFETY KLEEN SAN JOSE INC
Classification: Not a generator, verified

Date form received by agency: 06/06/1999
Site name: LAIDLAW ENVIRONMENTAL SERV. (SAN JOSE)
Classification: Large Quantity Generator

Date form received by agency: 07/01/1997
Site name: SAFETY KLEEN SAN JOSE INC
Classification: Not a generator, verified

Date form received by agency: 09/01/1996
Site name: SAFETY KLEEN SAN JOSE INC
Classification: Large Quantity Generator

Date form received by agency: 02/29/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
EPA ID Number

CLEAN HARBORS SAN JOSE LLC (Continued)

1000430289

Site name: SOLVENT SERVICE CO INC
Classification: Large Quantity Generator

Date form received by agency: 03/30/1994

Site name: TRS - SAN JOSE; SOLVENT SERVICE CO., INC
Classification: Large Quantity Generator

Date form received by agency: 03/31/1992

Site name: SOLVENT SERVICE CO., INC.
Classification: Large Quantity Generator

Date form received by agency: 05/11/1990

Site name: SOLVENT SERVICE INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

- Waste code: K086
Waste name: SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.

- Waste code: K087
Waste name: DECANter TANK TAR SLUDGE FROM COKING OPERATIONS

- Waste code: K088
Waste name: SPENT POTLINERS FROM PRIMARY ALUMINUM REDUCTION

- Waste code: K090
Waste name: EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUMSILICON PRODUCTION

- Waste code: K091
Waste name: EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUM PRODUCTION

- Waste code: K093
Waste name: DISTILLATION LIGHT ENDS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE

- Waste code: K094
Waste name: DISTILLATION BOTTOMS FROM THE PRODUCTION OF PHTHALIC ANHYDRIDE FROM ORTHO-XYLENE

- Waste code: K095
Waste name: DISTILLATION BOTTOMS FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE

- Waste code: K096
Waste name: HEAVY ENDS FROM THE HEAVY ENDS COLUMN FROM THE PRODUCTION OF 1,1,1-TRICHLOROETHANE.

- Waste code: K097
Waste name: VACUUM STRIPPER DISCHARGE FROM THE CHLORDANE CHLORINATOR IN THE PRODUCTION OF CHLORDANE.

- Waste code: K098
Waste name: UNTREATED PROCESS WASTEWATER FROM THE PRODUCTION OF TOXAPHENE

- Waste code: K099

APPENDIX C

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT



PHASE1ASSESSMENTS.COM

PROVIDING ENVIRONMENTAL CONSULTING FOR YOUR BUSINESS

**PHASE II ENVIRONMENTAL SITE ASSESSMENT
REPORT**

**FOR
ARAUJO RESIDENTIAL PROJECT
ARAUJO STREET
SAN JOSE, SANTA CLARA COUNTY,
CALIFORNIA**

OCTOBER 5, 2015

**PREPARED FOR:
KELSEY STEFFEN,
ENVIRONMENTAL PLANNER
CITY OF SAN JOSE
200 E. SANTA CLARA STREET
SAN JOSE, CALIFORNIA 95113**

**PREPARED BY:
FARSHAD VAKILI, P.E.
273 CANYON FALLS DRIVE
FOLSOM, CALIFORNIA 95630**

273 Canyon Falls Drive
Folsom, CA 95630
United States of America
(916) 804-6232
(916) 988-6639
phase1assessments.com

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ATTACHMENTS

1. INTRODUCTION

This document presents the results of a Phase II Environmental Site Assessment Report (Phase II) performed by Farshad Vakili, P.E., at the vacant residential land located at Araujo Street in San Jose, Santa Clara County, California (Subject Property). This document is in compliance with a Phase II Environmental Site Assessment Report (Report) Scope of Work. Please see Attachment 1 for a copy of the Scope of Work. The purpose of this Report is to collect eight soil samples at different depths including 1/2 and 1 1/2 feet below ground surface (bgs) at the different areas to determine any impacts from past time usages of the land for agricultural products and/or golf course.

2. SCOPE OF WORK (SOW)

As the result of the comments received from the City of San Jose Environment Review Program, the Scope of Work was prepared and to the City of San Jose for approval. SOW was finally approved by Ms. Kelsey Steffen of the City of San Jose. Please see Attachment 1 for the approved Scope of Work and Attachment 2 for the schematic diagram for the boring locations.

The following are the Scope of Work approved for the Phase II Environmental Site Assessment at Araujo Street in San Jose, Santa Clara County, California.

The City of San Jose requested additional investigation at the Araujo Residential Project. The City's Environmental Services Department provided the following comments on the SOW:

1. "The City of San Jose stated that the pesticides are commonly found in the upper two feet of soil. When we do this work in-house for a City property we typically collect samples from 6 to 12 inches below ground surface unless we have reason to believe fill was brought onto the site after the pesticide application. If contamination is found we then go back and collect deeper samples 2 to 2.5 feet. Some consultants will collect samples at several intervals, e.g. 6 to 12 inches, 2 to 2.5 feet and occasionally 4 to 4.5 feet below ground surface in one field trip and then analyze the upper 6 to 12 inches and put a hold on the deeper samples. If the shallow samples show contamination they then have the lab analyze the deeper samples".
2. "There is no objection to the consultant drilling borings to 5 feet and collecting (and analyzing) samples at different depths, but they need to test the shallow interval (6 to 12 inches) where the highest levels of pesticides are likely to be present and where the greatest exposure to construction workers and future residents would likely occur".
3. Please see the approved SOW in the Attachment 1.
4. A detailed site figure identifying all addresses and all boring locations is in the Attachment 2.

3. SITE OVERVIEW

The Subject Property is an approximately 25,000 square feet of a vacant land. This parcel of land has recently separated from the 100-acre San Jose Municipal Golf Course at 1560 Oakland Road in San Jose.

The land referred to herein is situated in the State of California, County of Santa Clara, City of San Jose and described as follows:

All that certain real property situated in the City of San Jose, County of Santa Clara, State of California, being a Portion of Parcel No. 5 as shown on the Record of Survey filed for Record in Book 220 of Maps, at Page 8-11, Records of Santa Clara County. The Santa Clara Assessor's Parcel Number is APN: 241-02-016 (Portion).

4. ENVIRONMENTAL SETTING

The Subject Property is located in the City of San Jose, Santa Clara County. The Hayward fault is one of the most hazardous faults in the United States, because of its high slip rate, its demonstrated ability to generate a large earthquake and, importantly, its location through the highly urbanized eastern San Francisco Bay area.

The underlying soil is an unconfined, low-permeability water-bearing zone that occurs from the ground surface to a depth to the groundwater. It consists primarily of fine grained sand and clay. The bottom of this area is defined by a clay layer, which is typically 6 to 16 feet thick, however this clay layer has been encountered to as much as 60 feet beneath the area. This clay layer serves as an aquitard and impedes flow.

Regional groundwater flow is westward toward San Francisco Bay, while local groundwater flow is toward the southwest. The groundwater depth is between 20-25 feet below ground surface.

5. FIELD ACTIVITY/BORING LOGS

On September 17, 2015, Mr. Vakili visited the Subject Property at 12:00 p.m., and met the crew from Cascade Drilling including Mr. Artemio Villegas and Mr. Jose Bridget. Cascade Drilling is located at 3000 Duluth Street in West Sacramento, California. Cascade Drilling Crew started the implementation of the approved Scope of Work which explained to them by Mr. Vakili. Cascade Drilling and Mr. Vakili reviewed the proposed Health & Safety Plan for the drilling procedure. Mr. Vakili started the site investigation pursuant to the approved Scope of Work. Mr. Vakili selected locations for per the SOW approved by the City of San Jose. Cascade Drilling started drilling at the marked locations at 12:30 p.m. on September 17, 2015.

All Boring and sampling were conducted in general accordance with approved ASTM Methods. The borings were advanced by using a hollow stem auger by manually turning continuous steel hollow-stem auger flights into the ground. At regular intervals, soil that encountered at the area included hardened silty clayey at about 1 to 12 inches bgs; underlain by more hardened silty clayey from 1 foot to 2 feet bgs. The soil samples were taken at 1/2 and 1 1/2 feet bgs at all the eight locations. The soil samples did not contain moisture at the time of the extraction.

The ambient air temperature was 85° F with 0 mph of wind at 12:00 p.m. Cascade Drilling started drilling at the designated locations at 12:30 p.m.

Mr. Vakili instructed the crew that he is taking soil samples from the eight locations at 1/2 foot and 1 1/2 feet bgs. Mr. Vakili completed taking the soil samples at 5:17 p.m. Representative portions of the soil samples obtained at the eight borings (Boring 1, 2, 3, 4, 5, 6, 7, and 8) were sealed in glass jars and transported to 273 Canyon Falls Drive in Folsom, California for the refrigerated storage. The samples were later transferred California Laboratory Services located at 3249 Fitzgerald Road in Rancho Cordova, California at 8:15 a.m. on September 19, 2015. Please see Attachment 4 for all the soil sample analytical results. Please see the Photographs in Attachment 3.

6. LABORATORY ANALYSIS

Soil samples taken from the Subject Property were submitted to California Laboratory Services (CLS) located at 3249 Fitzgerald Road in Rancho Cordova, California. CLS is accredited by the State of California for all of the analysis performed at the laboratory. Soil samples were analyzed for chlorinated pesticide compounds in accordance with United States Environmental Protection Agency Method SW EPA 8081A and for CAM 17 Metals by EPA 6010B. Please see the CLS Final Report in the Attachment 4.

Field and laboratory quality control (QC) procedures during sampling included the following:

- a. Disposable gloves were worn during all sampling procedures, and changed after each sample collection to prevent potential cross contamination;
- b. Laboratory supplied soil sample glass jars were filled to achieve zero-head space and covered with teflon lined caps, labeled, and placed in a chilled, insulated cooler with frozen "blue ice" for delivery to the CLS;
- c. Soil samples holding times and analysis was pursuant to the EPA Method guidelines;
- d. Samples were labeled, logged on a Chain-of-Custody Form (CoC) and submitted to the laboratory accompanied by the CoC documentation;
- e. Laboratory QC was performed pursuant to the procedures inherent with the specific methods used for analysis;
- f. Analysis was performed by a laboratory certified by the State of California for each method of analysis used during the project.

7. ANALYTICAL RESULTS

Confirmation soil samples collected at the Subject Property were transported to CLS for analysis of the following components:

Chlorinated Pesticide Compounds by EPA 8081A
CAM 17 Metals by EPA 6010B

Soil Samples were analyzed for chlorinated pesticide compounds for all the soil samples and showed elevated levels for 4,4-DDE (dichlorodiphenyldichloroethylene), 4,4-DDT (dichlorodiphenyltrichloroethane), Chlordane-technical and Dieldrin. Please see Table 1 for the results.

Chlorinated Pesticides are nerve agents used in agriculture as pesticides, around homes as termiticides, and in grains as fungicides. These chemicals were designed to attack the nervous system of pests which leads to overstimulation of the nerves and eventually death. The most well-known chlorinated pesticide is DDT. Most chlorinated pesticides have been banned for use in the United States since the 1980s. However, some of these chemicals are still in use in other parts of the world, and as fat-soluble toxins, they are persistent in the environment and the fatty tissue of animals and humans.

A list of some chlorinated pesticides includes:

- DDT
- DDE
- Dieldrin
- Heptachlor Epoxide
- Hexachlorobenzene
- Mirex
- Oxychlordane
- Trans-nonachlor

Human exposure occurs mainly through our diet, primarily from high fat foods such as, meat, poultry, dairy products, and fish, and leafy and root vegetables from agricultural run-off. Other sources of exposure are from dust and soil that were contaminated with these pesticides and termiticides. Chlorinated pesticides are fat-soluble toxins, which means they are stored in our body fat, and also in the fat of the animals we consume. Since these toxins bioaccumulate, we pass them on to the next generation. Acute toxicity from chlorinated pesticides is rarely seen since they have been banned; however, their persistence in the environment and our bodies can cause a variety of health problems that begin slowly. The effects of these compounds are most often seen in the neurological, immunological, and endocrinological systems; although they can also affect the cardiovascular, respiratory, gastrointestinal, and other systems in the body. Exposure can result in adverse health effects such as:

Increased asthma and allergies
Parkinsonism
Chronic fatigue
Type II Diabetes
Higher risk of certain cancers
Fertility and reproductive issues
Cognitive disorders
Thyroid issues
Risk of atherosclerosis
Obesity
Autoimmune disease

Analytical results for CAM 17 Metals showed levels below California Human Health Screening Levels (CHHSLs) level except for Arsenic and Cadmium in one case. Please see Table 2 for the results.

TABLE 1 (Chlorinated Pesticide)

Table 1	Boring 1 at 1/2 ug/kg	Boring 2 at 1/2 ug/kg	Boring 3 at 1/2 ug/kg	Boring 4 at 1/2 ug/kg	CHHSLs or RSL mg/kg
4,4-DDD	ND	ND	ND	ND	
4,4-DDE	710	890	1500	1400	1.6E+00
4,4-DDT	190	230	330	340	1.6E+00
Aldrin	ND	ND	ND	ND	
Alpha-BHC	ND	ND	ND	ND	
Beta-BHC	ND	ND	ND	ND	
Chlodane-technical	1500	1500	1900	1900	6.6E+01
Delta-BHC	ND	ND	ND	ND	
Dieldrin	38	ND	120	110	3.5E-02
Endosulfan I	ND	ND	ND	ND	
Endosulfan II	ND	ND	ND	ND	
Endosulfan sulfate	ND	ND	ND	ND	
Endrin	ND	ND	ND	ND	
Endrin aldehyde	ND	ND	ND	ND	
Gamma-BHC (Lindane)	ND	ND	ND	ND	
Heptachlor	ND	ND	ND	ND	
Heptachlor epoxide	ND	ND	ND	ND	
Methoxychlor	ND	ND	ND	ND	
Mirex	ND	ND	ND	ND	
Toxaphene	ND	ND	ND	ND	

TABLE 1 (continued)

Table 1	Boring 5 at 1/2 ug/kg	Boring 6 at 1/2 ug/kg	Boring 7 at 1/2 ug/kg	Boring 8 at 1/2 ug/kg	CHHSLs or RSL mg/kg
4,4-DDD	ND	ND	ND	ND	
4,4-DDE	1100	860	1600	970	1.6E+00
4,4-DDT	290	240	320	240	1.6E+00
Aldrin	ND	ND	ND	ND	
Alpha-BHC	ND	ND	ND	ND	
Beta-BHC	ND	ND	ND	ND	
Chlodane-technical	1600	1500	1800	1400	6.6E+01
Delta-BHC	ND	ND	ND	ND	
Dieldrin	39	31	110	33	3.5E-02
Endosulfan I	ND	ND	ND	ND	
Endosulfan II	ND	ND	ND	ND	
Endosulfan sulfate	ND	ND	ND	ND	
Endrin	ND	ND	ND	ND	
Endrin aldehyde	ND	ND	ND	ND	
Gamma-BHC (Lindane)	ND	ND	ND	ND	
Heptachlor	ND	ND	ND	ND	
Heptachlor epoxide	ND	ND	ND	ND	
Methoxychlor	ND	ND	ND	ND	
Mirex	ND	ND	ND	ND	
Toxaphene	ND	ND	ND	ND	

TABLE 1 (continued)

Table 1	Boring 1 at 1.5 ug/kg	Boring 2 at 1.5 ug/kg	Boring 3 at 1.5 ug/kg	Boring 4 at 1.5 ug/kg	CHHSLs or RSL mg/kg
4,4-DDD	ND	ND	ND	ND	
4,4-DDE	800	1800	2000	1300	1.6E+00
4,4-DDT	190	370	ND	ND	1.6E+00
Aldrin	ND	ND	ND	ND	
Alpha-BHC	ND	ND	ND	ND	
Beta-BHC	ND	ND	ND	ND	
Chlodane-technical	1600	2300	2300	1800	6.6E+01
Delta-BHC	ND	ND	ND	ND	
Dieldrin	36	ND	170	170	3.5E-02
Endosulfan I	ND	ND	ND	ND	
Endosulfan II	ND	ND	ND	ND	
Endosulfan sulfate	ND	ND	ND	ND	
Endrin	ND	ND	ND	ND	
Endrin aldehyde	ND	ND	ND	ND	
Gamma-BHC (Lindane)	ND	ND	ND	ND	
Heptachlor	ND	ND	ND	ND	
Heptachlor epoxide	ND	ND	ND	ND	
Methoxychlor	ND	ND	ND	ND	
Mirex	ND	ND	ND	ND	
Toxaphene	ND	ND	ND	ND	

TABLE 1 (continued)

Table 2	Boring 5 at 1.5 ug/kg	Boring 6 at 1.5 ug/kg	Boring 7 at 1.5 ug/kg	Boring 8 at 1.5 Ug/kg	CHHSLs or RSL mg/kg
4,4-DDD	ND	ND	ND	ND	
4,4-DDE	1400	970	1800	1100	1.6E+00
4,4-DDT	370	200	410	240	1.6E+00
Aldrin	ND	ND	ND	ND	
Alpha-BHC	ND	ND	ND	ND	
Beta-BHC	ND	ND	ND	ND	
Chlodane-technical	1800	1300	2200	1400	6.6E+01
Delta-BHC	ND	ND	ND	ND	
Dieldrin	140	36	190	41	3.5E-02
Endosulfan I	ND	ND	ND	ND	
Endosulfan II	ND	ND	ND	ND	
Endosulfan sulfate	ND	ND	ND	ND	
Endrin	ND	ND	ND	ND	
Endrin aldehyde	ND	ND	ND	ND	
Gamma-BHC (Lindane)	ND	ND	ND	ND	
Heptachlor	ND	ND	ND	ND	
Heptachlor epoxide	ND	ND	ND	ND	
Methoxychlor	ND	ND	ND	ND	
Mirex	ND	ND	ND	ND	
Toxaphene	ND	ND	ND	ND	

TABLE 2 (CAM 17 Inorganics)

Table 2	Boring 1 at ½ foot mg/kg	Boring 2 at ½ foot mg/kg	Boring 3 at ½ foot mg/kg	Boring 4 at ½ foot mg/kg	CHHSLs mg/kg
Arsenic	5.7	6.3	7.6	7.7	7.0E-02
Selenium	ND	ND	ND	ND	3.8E+02
Thallium	ND	ND	ND	ND	5.0E+00
Antimony	ND	ND	ND	ND	3.0E+01
Barium	170	260	220	220	5.2E+03
Beryllium	ND	ND	ND	ND	2.1E-04
Cadmium	1.1	16	1.4	1.4	1.7E+00
Cobalt	11	15	13	13	6.6E+02
Chromium	38	58	49	ND	1.7E+05
Copper	42	53	56	54	3.0E+03
Lead	9.7	13	13	12	1.5E+02
Molybdenum	ND	ND	ND	ND	3.8E+02
Nickel	79	120	82	76	1.6E+03
Silver	ND	ND	ND	ND	3.8E+02
Vanadium	30	37	39	40	5.3E+02
Zinc	65	88	88	83	1.0E+05
Mercury	0.68	0.14	0.14	0.28	1.8E+01

Table 2	Boring 5 at ½ foot mg/kg	Boring 6 at ½ foot mg/kg	Boring 7 at ½ foot mg/kg	Boring 8 at ½ foot mg/kg	CHHSLs mg/kg
Arsenic	7.0	6.6	7.7	6.3	7.0E-02
Selenium	ND	ND	ND	ND	3.8E+02
Thallium	ND	ND	ND	ND	5.0E+00
Antimony	ND	ND	ND	ND	3.0E+01
Barium	230	220	210	230	5.2E+03
Beryllium	ND	ND	ND	ND	2.1E-04
Cadmium	1.4	1.3	1.3	1.3	7.5E+00
Cobalt	14	14	13	15	3.2E+03
Chromium	53	51	50	64	1.0E+05
Copper	57	55	54	57	3.8E+04
Lead	9.8	13	12	10	3.5E+03
Molybdenum	ND	ND	ND	ND	4.8E+03
Nickel	99	98	75	110	1.6E+04
Silver	ND	ND	ND	ND	4.8E+03
Vanadium	41	36	41	39	6.7E+03
Zinc	91	200	83	87	1.0E+05
Mercury	0.20	12	0.11	0.21	1.8E+02

TABLE 2

Table 2	Boring 1 at 1.5 feet mg/kg	Boring 2 at 1.5 feet mg/kg	Boring 3 at 1.5 feet mg/kg	Boring 4 at 1.5 feet mg/kg	CHHSLs mg/kg
Arsenic	6.8	6.7	7.8	7.5	7.0E-02
Selenium	ND	ND	ND	ND	3.8E+02
Thallium	ND	ND	ND	ND	5.0E+00
Antimony	ND	ND	ND	ND	3.0E+01
Barium	230	210	210	220	5.2E+03
Beryllium	ND	ND	ND	ND	2.1E-04
Cadmium	1.3	1.7	1.3	1.3	7.5E+00
Cobalt	15	13	12	12	3.2E+03
Chromium	55	50	51	48	1.0E+05
Copper	57	54	53	50	3.8E+04
Lead	13	12	11	10	3.5E+03
Molybdenum	ND	ND	ND	ND	4.8E+03
Nickel	120	91	73	67	1.6E+04
Silver	ND	ND	ND	ND	4.8E+03
Vanadium	39	39	42	41	6.7E+03
Zinc	92	82	81	76	1.0E+05
Mercury	0.48	0.23	0.12	0.11	1.8E+02

TABLE 2

Table 2	Boring 5 at 1.5 mg/kg	Boring 6 at 1.5 mg/kg	Boring 7 at 1.5 mg/kg	Boring 8 at 1.5 mg/kg	CHHSLs mg/kg
Arsenic	6.9	6.8	7.3	6.8	7.0E-02
Selenium	ND	ND	ND	ND	3.8E+02
Thallium	ND	ND	ND	4.9	5.0E+00
Antimony	ND	ND	ND	ND	3.0E+01
Barium	200	230	210	220	5.2E+03
Beryllium	ND	ND	ND	ND	2.1E-04
Cadmium	1.3	1.3	1.3	1.3	7.5E+00
Cobalt	12	14	12	13	3.2E+03
Chromium	46	59	51	54	1.0E+05
Copper	52	54	54	52	3.8E+04
Lead	11	12	15	8.7	3.5E+03
Molybdenum	ND	ND	ND	ND	4.8E+03
Nickel	74	100	74	84	1.6E+04
Silver	ND	ND	ND	ND	4.8E+03
Vanadium	36	42	39	49	6.7E+03
Zinc	80	85	82	76	1.0E+05
Mercury	0.16	0.21	0.13	0.16	1.8E+02

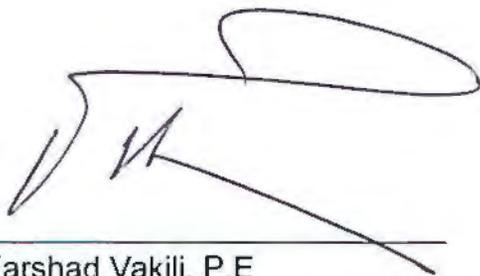
8. CONCLUSION/RECOMMENDATION

At the request of the City of San Jose; Mr. Vakili performed this phase II environmental site assessment on the Subject Property which included soil samples at the different locations pursuant to the Approved Scope of Work. Soil samples were collected on September 17, 2015 and later transported to the California Laboratory Services. Soil sample results were compared to the United States Regional Screening Levels, Region 9 (RSL) and the California Department of Toxic Substances' California Human Health Screening Levels (CHHSLs) for residential land use (Table 1 and 2).

Chlorinated Pesticide compounds were compared to the CHHSLs and RSL, and determined to be lower than the screening levels for residential land use. Also, according to the proposed blue print for the Araujo Residential Project, the residential homes will be constructed in three-story structures which include car garages and den areas on the ground level while the family rooms, living rooms and the bedrooms will be located on second and third floors. This will reduce any residential health risk impacts.

The analytical results for CAM 17 showed higher level for Arsenic (Table 2). The Arsenic levels were compared to CHHSLs for residential scenario to determine that if Arsenic was considered a risk for human health and/or the environment. It was determined that Arsenic is a naturally occurring substance in Santa Clara County for an average of 18.0 mg/kg of Arsenic in dry soil. Also, according to the proposed blue print for the Araujo Residential Project, the residential homes will be constructed in three-story structures which include car garages and den areas on the ground level while the family rooms, living rooms and the bedrooms will be located on second and third floors. This will reduce any residential health risk impacts. The residential homes will be constructed on a concrete slab underlined by a 10-mil liner and 4-6 inches of rock and gravel. Therefore, it is concluded that although Arsenic results are above CHHSLs but they are below the naturally occurring results for Santa Clara County and under a concrete slab and a liner. Therefore, no concern was noted. The laboratory analytical results are shown in the Attachment 4.

It is our recommendation that no further action is required at the Subject Property.



Farshad Vakili, P.E
Principal Engineer
273 Canyon Falls Drive
Folsom, California 95630

10-5-2015
Date:



ATTACHMENT 1
APPROVED SCOPE OF WORK

SCOPE OF WORK
PHASE II ENVIRONMENTAL SITE ASSESSMENT
ARAJUO RESIDENTIAL PROJECT
SAN JOSE, CALIFORNIA
SEPTEMBER 8, 2015

The following is the Scope of Work for the Phase II at Arajuo Residential Project, San Jose, California. A Phase II has been recommended by the City of San Jose to characterize the subsurface soil for soil condition as a result of being used as an agricultural land in the past.

1. A completion of investigation of subsurface soil by taking samples at the vacant land including eight soil borings of 5 feet below ground surfaces (bgs) (shallow soil) with soil samples collected at the following locations bgs:

Sample	Depth bgs
1	0.5'-1'
2	2'-2.5'
3	3'-3.5'
4	4.5'-5'

Collected samples will be analyzed for organochlorides pesticides and metals (CAM 17);

2. Obtaining appropriate permits for conducting the investigation;
3. Enclosing the sampling location in the enclosure.

If you have any questions, please call me. Thanks



Farshad Vakili, P.E.
Environmental Engineer
273 Canyon Falls Drive
Folsom, California 95630

**ATTACHMENT 2
LOCATION OF SAMPLING BORINGS**



Araujo Street Project- Proposed Boring locations

San Jose, California

**ATTACMENT 3
PHOTOGRAPHS**



Photo 1: Looking at the Subject Property



Photo 2: Looking at the Subject Property



Photo 3: Sampling Location and Sample Container at Boring 1



Photo 4: Sampling Location and Sample Container at Boring 2



Photo 5: Sampling Location and Sample Container at Boring 3



Photo 6: Sampling Location and Sample Container at Boring 4



Photo 7: Sampling Location and Sample Container at Boring 5



Photo 8: Sampling Location and Sample Container at Boring 6



Photo 9: Sampling Location and Sample Container at Boring 7



Photo 10: Sampling Location and Sample Container at Boring 8

ATTACHMENT 4
CALIFORNIA LABORATORY SERVICES
October 5, 2015
RESULTS

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

October 05, 2015

CLS Work Order #: CY10825
COC #: 156511-156516

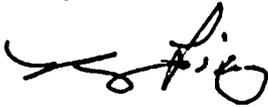
Farshad Vakili
Phase I Assessment
273 Canyon Falls Dr
Folsom, CA 95630

Project Name: ARAUJD Residential Project

Enclosed are the results of analyses for samples received by the laboratory on 09/21/15 08:15. 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

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Boring 1 1/2 Foot (CY10825-01) Soil **Sampled: 09/19/15 14:20** **Received: 09/21/15 08:15**

Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	5.7	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	170	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.1	1.0	"	"	"	"	"	"	
Chromium	38	1.0	"	"	"	"	"	"	
Cobalt	11	1.0	"	"	"	"	"	"	
Copper	42	1.0	"	"	"	"	"	"	
Lead	9.7	2.5	"	"	"	"	"	"	
Mercury	0.68	0.50	"	5	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	79	1.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	10	"	"	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	"	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	"	09/22/15	EPA 6020	
Vanadium	30	1.0	"	1	"	"	09/22/15	EPA 6010B	
Zinc	65	1.0	"	"	"	"	"	"	QB-1

Boring 2 1/2 Foot (CY10825-02) Soil **Sampled: 09/19/15 14:45** **Received: 09/21/15 08:15**

Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	6.3	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	260	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	16	1.0	"	"	"	"	"	"	
Chromium	58	1.0	"	"	"	"	"	"	
Cobalt	15	1.0	"	"	"	"	"	"	
Copper	53	1.0	"	"	"	"	"	"	
Lead	13	2.5	"	"	"	"	"	"	
Mercury	0.14	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	120	1.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Page 4 of 32

10/05/15 14:04

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CIS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 2 1/2 Foot (CY10825-02) Soil Sampled: 09/19/15 14:45 Received: 09/21/15 08:15									
Selenium	ND	5.0	mg/kg	10	CY06498	-	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	-	09/22/15	EPA 6020	
Vanadium	37	1.0	"	1	"	-	09/22/15	EPA 6010B	
Zinc	88	1.0	"	"	"	-	"	"	QB-1
Boring 3 1/2 Foot (CY10825-03) Soil Sampled: 09/19/15 15:00 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	7.6	2.0	"	10	"	-	09/22/15	EPA 6020	
Barium	220	1.0	"	1	"	-	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	-	"	"	
Cadmium	1.4	1.0	"	"	"	-	"	"	
Chromium	49	1.0	"	"	"	-	"	"	
Cobalt	13	1.0	"	"	"	-	"	"	
Copper	56	1.0	"	"	"	-	"	"	
Lead	13	2.5	"	"	"	-	"	"	
Mercury	0.14	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	82	1.0	"	"	"	-	"	"	
Selenium	ND	5.0	"	10	"	-	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	-	09/22/15	EPA 6020	
Vanadium	39	1.0	"	1	"	-	09/22/15	EPA 6010B	
Zinc	88	1.0	"	"	"	-	"	"	QB-1

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Boring 4 1/2 Foot (CY10825-04) Soil Sampled: 09/19/15 15:10 Received: 09/21/15 08:15

Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	7.7	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	220	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.4	1.0	"	"	"	"	"	"	
Chromium	50	1.0	"	"	"	"	"	"	
Cobalt	13	1.0	"	"	"	"	"	"	
Copper	54	1.0	"	"	"	"	"	"	
Lead	12	2.5	"	"	"	"	"	"	
Mercury	0.28	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	76	1.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	10	"	"	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	"	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	"	09/22/15	EPA 6020	
Vanadium	40	1.0	"	1	"	"	09/22/15	EPA 6010B	
Zinc	83	1.0	"	"	"	"	"	"	QB-1

Boring 5 1/2 Foot (CY10825-05) Soil Sampled: 09/19/15 15:17 Received: 09/21/15 08:15

Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	7.0	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	230	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.4	1.0	"	"	"	"	"	"	
Chromium	53	1.0	"	"	"	"	"	"	
Cobalt	14	1.0	"	"	"	"	"	"	
Copper	57	1.0	"	"	"	"	"	"	
Lead	9.8	2.5	"	"	"	"	"	"	
Mercury	0.20	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	99	1.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Boring 5 1/2 Foot (CY10825-05) Soil Sampled: 09/19/15 15:17 Received: 09/21/15 08:15

Selenium	ND	5.0	mg/kg	10	CY06498	-	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	-	09/22/15	EPA 6020	
Vanadium	41	1.0	"	1	"	-	09/22/15	EPA 6010B	
Zinc	91	1.0	"	-	-	-	-	-	QB-1

Boring 6 1/2 Foot (CY10825-06) Soil Sampled: 09/19/15 15:25 Received: 09/21/15 08:15

Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	6.6	2.0	"	10	"	-	09/22/15	EPA 6020	
Barium	220	1.0	"	1	"	-	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	-	-	-	-	-	
Cadmium	1.3	1.0	"	-	-	-	-	-	
Chromium	51	1.0	"	-	-	-	-	-	
Cobalt	14	1.0	"	-	-	-	-	-	
Copper	55	1.0	"	-	-	-	-	-	
Lead	13	2.5	"	-	-	-	-	-	
Mercury	12	10	"	100	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	98	1.0	"	-	-	-	-	-	
Selenium	ND	5.0	"	10	"	-	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	-	09/22/15	EPA 6020	
Vanadium	36	1.0	"	1	"	-	09/22/15	EPA 6010B	
Zinc	200	1.0	"	-	-	-	-	-	QB-1

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Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 7 1/2 Foot (CY10825-07) Soil Sampled: 09/19/15 15:33 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	7.7	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	210	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.3	1.0	"	"	"	"	"	"	
Chromium	50	1.0	"	"	"	"	"	"	
Cobalt	13	1.0	"	"	"	"	"	"	
Copper	54	1.0	"	"	"	"	"	"	
Lead	12	2.5	"	"	"	"	"	"	
Mercury	0.11	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	75	1.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	10	"	"	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	"	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	"	09/22/15	EPA 6020	
Vanadium	41	1.0	"	1	"	"	09/22/15	EPA 6010B	
Zinc	83	1.0	"	"	"	"	"	"	QB-1
Boring 8 1/2 Foot (CY10825-08) Soil Sampled: 09/19/15 15:45 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	6.3	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	230	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.3	1.0	"	"	"	"	"	"	
Chromium	64	1.0	"	"	"	"	"	"	
Cobalt	15	1.0	"	"	"	"	"	"	
Copper	57	1.0	"	"	"	"	"	"	
Lead	10	2.5	"	"	"	"	"	"	
Mercury	0.21	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	110	1.0	"	"	"	"	"	"	

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 8 1/2 Foot (CY10825-08) Soil Sampled: 09/19/15 15:45 Received: 09/21/15 08:15									
Selenium	ND	5.0	mg/kg	10	CY06498	-	09/22/15	EPA 6020	
Silver	ND	1.0	-	1	-	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	-	10	-	-	09/22/15	EPA 6020	
Vanadium	39	1.0	-	1	-	-	09/22/15	EPA 6010B	
Zinc	87	1.0	-	-	-	-	-	-	QB-1
Boring 1 1/2 Foot (CY10825-09) Soil Sampled: 09/19/15 16:22 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	6.8	2.0	-	10	-	-	09/22/15	EPA 6020	
Barium	230	1.0	-	1	-	-	09/22/15	EPA 6010B	
Beryllium	ND	1.0	-	-	-	-	-	-	
Cadmium	1.3	1.0	-	-	-	-	-	-	
Chromium	55	1.0	-	-	-	-	-	-	
Cobalt	15	1.0	-	-	-	-	-	-	
Copper	57	1.0	-	-	-	-	-	-	
Lead	13	2.5	-	-	-	-	-	-	
Mercury	0.48	0.10	-	-	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	-	-	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	120	1.0	-	-	-	-	-	-	
Selenium	ND	5.0	-	10	-	-	09/22/15	EPA 6020	
Silver	ND	1.0	-	1	-	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	-	10	-	-	09/22/15	EPA 6020	
Vanadium	39	1.0	-	1	-	-	09/22/15	EPA 6010B	
Zinc	92	1.0	-	-	-	-	-	-	QB-1

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 2 11/2 Foot (CY10825-10) Soil Sampled: 09/19/15 16:30 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	6.7	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	210	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.7	1.0	"	"	"	"	"	"	
Chromium	50	1.0	"	"	"	"	"	"	
Cobalt	13	1.0	"	"	"	"	"	"	
Copper	54	1.0	"	"	"	"	"	"	
Lead	12	2.5	"	"	"	"	"	"	
Mercury	0.23	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	91	1.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	10	"	"	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	"	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	"	09/22/15	EPA 6020	
Vanadium	39	1.0	"	1	"	"	09/22/15	EPA 6010B	
Zinc	82	1.0	"	"	"	"	"	"	QB-1
Boring 3 11/2 Foot (CY10825-11) Soil Sampled: 09/19/15 16:40 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	7.8	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	210	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.3	1.0	"	"	"	"	"	"	
Chromium	51	1.0	"	"	"	"	"	"	
Cobalt	12	1.0	"	"	"	"	"	"	
Copper	53	1.0	"	"	"	"	"	"	
Lead	11	2.5	"	"	"	"	"	"	
Mercury	0.12	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	73	1.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Boring 3 11/2 Foot (CY10825-11) Soil **Sampled: 09/19/15 16:40** **Received: 09/21/15 08:15**

Selenium	ND	5.0	mg/kg	10	CY06498	-	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	-	09/22/15	EPA 6020	
Vanadium	42	1.0	"	1	"	-	09/22/15	EPA 6010B	
Zinc	81	1.0	"	-	"	-	-	"	QB-1

Boring 4 11/2 Foot (CY10825-12) Soil **Sampled: 09/19/15 17:00** **Received: 09/21/15 08:15**

Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	7.5	2.0	"	10	"	-	09/22/15	EPA 6020	
Barium	220	1.0	"	1	"	-	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	-	"	-	-	"	
Cadmium	1.3	1.0	"	-	"	-	-	"	
Chromium	48	1.0	"	-	"	-	-	"	
Cobalt	12	1.0	"	-	"	-	-	"	
Copper	50	1.0	"	-	"	-	-	"	
Lead	10	2.5	"	-	"	-	-	"	
Mercury	0.11	0.10	"	-	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	-	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	67	1.0	"	-	"	-	-	"	
Selenium	ND	5.0	"	10	"	-	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	-	09/22/15	EPA 6020	
Vanadium	41	1.0	"	1	"	-	09/22/15	EPA 6010B	
Zinc	76	1.0	"	-	"	-	-	"	QB-1

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 5 11/2 Foot (CY10825-13) Soil Sampled: 09/19/15 16:13 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	6.9	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	200	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.3	1.0	"	"	"	"	"	"	
Chromium	46	1.0	"	"	"	"	"	"	
Cobalt	12	1.0	"	"	"	"	"	"	
Copper	52	1.0	"	"	"	"	"	"	
Lead	11	2.5	"	"	"	"	"	"	
Mercury	0.16	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	74	1.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	10	"	"	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	"	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	"	09/22/15	EPA 6020	
Vanadium	36	1.0	"	1	"	"	09/22/15	EPA 6010B	
Zinc	80	1.0	"	"	"	"	"	"	QB-1
Boring 6 11/2 Foot (CY10825-14) Soil Sampled: 09/19/15 15:55 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	6.8	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	230	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.3	1.0	"	"	"	"	"	"	
Chromium	59	1.0	"	"	"	"	"	"	
Cobalt	14	1.0	"	"	"	"	"	"	
Copper	54	1.0	"	"	"	"	"	"	
Lead	12	2.5	"	"	"	"	"	"	
Mercury	0.21	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	100	1.0	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 6 11/2 Foot (CY10825-14) Soil Sampled: 09/19/15 15:55 Received: 09/21/15 08:15									
Selenium	ND	5.0	mg/kg	10	CY06498	-	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	-	09/22/15	EPA 6020	
Vanadium	42	1.0	"	1	"	-	09/22/15	EPA 6010B	
Zinc	85	1.0	"	-	"	-	"	"	QB-1
Boring 7 11/2 Foot (CY10825-15) Soil Sampled: 09/19/15 17:17 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	7.3	2.0	"	10	"	-	09/22/15	EPA 6020	
Barium	210	1.0	"	1	"	-	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	-	"	-	-	-	
Cadmium	1.3	1.0	"	-	"	-	"	"	
Chromium	51	1.0	"	-	"	-	"	"	
Cobalt	12	1.0	"	-	"	-	"	"	
Copper	54	1.0	"	-	"	-	"	"	
Lead	15	2.5	"	-	"	-	"	"	
Mercury	0.13	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	-	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	74	1.0	"	-	"	-	"	"	
Selenium	ND	5.0	"	10	"	-	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	-	09/22/15	EPA 6010B	
Thallium	ND	2.0	"	10	"	-	09/22/15	EPA 6020	
Vanadium	39	1.0	"	1	"	-	09/22/15	EPA 6010B	
Zinc	82	1.0	"	-	"	-	"	"	QB-1

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 8 11/2 Foot (CY10825-16) Soil Sampled: 09/19/15 16:10 Received: 09/21/15 08:15									
Antimony	ND	2.5	mg/kg	1	CY06498	09/22/15	09/22/15	EPA 6010B	
Arsenic	6.8	2.0	"	10	"	"	09/22/15	EPA 6020	
Barium	220	1.0	"	1	"	"	09/22/15	EPA 6010B	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	1.3	1.0	"	"	"	"	"	"	
Chromium	54	1.0	"	"	"	"	"	"	
Cobalt	13	1.0	"	"	"	"	"	"	
Copper	52	1.0	"	"	"	"	"	"	
Lead	8.7	2.5	"	"	"	"	"	"	
Mercury	0.16	0.10	"	"	CY06497	09/22/15	09/22/15	EPA 7471A	
Molybdenum	ND	1.0	"	"	CY06498	09/22/15	09/22/15	EPA 6010B	
Nickel	84	1.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	10	"	"	09/22/15	EPA 6020	
Silver	ND	1.0	"	1	"	"	09/22/15	EPA 6010B	
Thallium	4.9	2.0	"	10	"	"	09/22/15	EPA 6020	
Vanadium	40	1.0	"	1	"	"	09/22/15	EPA 6010B	
Zinc	76	1.0	"	"	"	"	"	"	QB-1

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 1 1/2 Foot (CY10825-01) Soil Sampled: 09/19/15 14:20 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	710	300	"	40	"	"	"	"	
4,4'-DDT	190	75	"	10	"	"	"	"	
Aldrin	ND	10	"	"	"	"	"	"	
alpha-BHC	ND	20	"	"	"	"	"	"	
beta-BHC	ND	100	"	"	"	"	"	"	
Chlordane-technical	1500	200	"	"	"	"	"	"	
delta-BHC	ND	100	"	"	"	"	"	"	
Dieldrin	38	10	"	"	"	"	"	"	
Endosulfan I	ND	150	"	"	"	"	"	"	
Endosulfan II	ND	150	"	"	"	"	"	"	
Endosulfan sulfate	ND	150	"	"	"	"	"	"	
Endrin	ND	150	"	"	"	"	"	"	
Endrin aldehyde	ND	150	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	100	"	"	"	"	"	"	
Heptachlor	ND	50	"	"	"	"	"	"	
Heptachlor epoxide	ND	20	"	"	"	"	"	"	
Methoxychlor	ND	150	"	"	"	"	"	"	
Mirex	ND	30	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl	81 %	52-141	"	"	"	"	"	"
Surrogate: Tetrachloro-meta-xylene	81 %	46-139	"	"	"	"	"	"

Boring 2 1/2 Foot (CY10825-02) Soil Sampled: 09/19/15 14:45 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	890	300	"	40	"	"	"	"	
4,4'-DDT	230	75	"	10	"	"	"	"	
Aldrin	ND	10	"	"	"	"	"	"	
alpha-BHC	ND	20	"	"	"	"	"	"	
beta-BHC	ND	100	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 2 1/2 Foot (CY10825-02) Soil Sampled: 09/19/15 14:45 Received: 09/21/15 08:15									
Chlordane-technical	1500	200	µg/kg	10	CY06549	-	09/25/15	EPA 8081A	
delta-BHC	ND	100	"	"	"	"	"	"	
Dieldrin	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	150	"	"	"	"	"	"	
Endosulfan II	ND	150	"	"	"	"	"	"	
Endosulfan sulfate	ND	150	"	"	"	"	"	"	
Endrin	ND	150	"	"	"	"	"	"	
Endrin aldehyde	ND	150	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	100	"	"	"	"	"	"	
Heptachlor	ND	50	"	"	"	"	"	"	
Heptachlor epoxide	ND	20	"	"	"	"	"	"	
Methoxychlor	ND	150	"	"	"	"	"	"	
Mirex	ND	30	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl	70 %	52-141	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene	66 %	46-139	"	"	"	"	"	"	

Boring 3 1/2 Foot (CY10825-03) Soil Sampled: 09/19/15 15:00 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	1500	750	"	100	"	"	"	"	
4,4'-DDT	330	75	"	10	"	"	"	"	
Aldrin	ND	10	"	"	"	"	"	"	
alpha-BHC	ND	20	"	"	"	"	"	"	
beta-BHC	ND	100	"	"	"	"	"	"	
Chlordane-technical	1900	200	"	"	"	"	"	"	
delta-BHC	ND	100	"	"	"	"	"	"	
Dieldrin	120	10	"	"	"	"	"	"	
Endosulfan I	ND	150	"	"	"	"	"	"	
Endosulfan II	ND	150	"	"	"	"	"	"	
Endosulfan sulfate	ND	150	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Boring 3 1/2 Foot (CY10825-03) Soil Sampled: 09/19/15 15:00 Received: 09/21/15 08:15

Endrin	ND	150	µg/kg	10	CY06549	-	09/25/15	EPA 8081A	
Endrin aldehyde	ND	150	-	-	-	-	-	-	
gamma-BHC (Lindane)	ND	100	-	-	-	-	-	-	
Heptachlor	ND	50	-	-	-	-	-	-	
Heptachlor epoxide	ND	20	-	-	-	-	-	-	
Methoxychlor	ND	150	-	-	-	-	-	-	
Mirex	ND	30	-	-	-	-	-	-	
Toxaphene	ND	200	-	-	-	-	-	-	

Surrogate: Decachlorobiphenyl

71 % 52-141

Surrogate: Tetrachloro-meta-xylene

71 % 46-139

Boring 4 1/2 Foot (CY10825-04) Soil Sampled: 09/19/15 15:10 Received: 09/21/15 08:15

4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	1400	750	-	100	-	-	-	-	
4,4'-DDT	340	75	-	10	-	-	-	-	
Aldrin	ND	10	-	-	-	-	-	-	
alpha-BHC	ND	20	-	-	-	-	-	-	
beta-BHC	ND	100	-	-	-	-	-	-	
Chlordane-technical	1900	200	-	-	-	-	-	-	
delta-BHC	ND	100	-	-	-	-	-	-	
Dieldrin	110	10	-	-	-	-	-	-	
Endosulfan I	ND	150	-	-	-	-	-	-	
Endosulfan II	ND	150	-	-	-	-	-	-	
Endosulfan sulfate	ND	150	-	-	-	-	-	-	
Endrin	ND	150	-	-	-	-	-	-	
Endrin aldehyde	ND	150	-	-	-	-	-	-	
gamma-BHC (Lindane)	ND	100	-	-	-	-	-	-	
Heptachlor	ND	50	-	-	-	-	-	-	
Heptachlor epoxide	ND	20	-	-	-	-	-	-	
Methoxychlor	ND	150	-	-	-	-	-	-	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 4 1/2 Foot (CY10825-04) Soil Sampled: 09/19/15 15:10 Received: 09/21/15 08:15									
Mirex	ND	30	µg/kg	10	CY06549	-	09/25/15	EPA 8081A	
Toxaphene	ND	200	-	-	-	-	-	-	
<i>Surrogate: Decachlorobiphenyl</i>									
		74 %		52-141	-	-	-	-	
<i>Surrogate: Tetrachloro-meta-xylene</i>									
		78 %		46-139	-	-	-	-	
Boring 5 1/2 Foot (CY10825-05) Soil Sampled: 09/19/15 15:17 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	1100	380	-	50	-	-	-	-	
4,4'-DDT	290	75	-	10	-	-	-	-	
Aldrin	ND	10	-	-	-	-	-	-	
alpha-BHC	ND	20	-	-	-	-	-	-	
beta-BHC	ND	100	-	-	-	-	-	-	
Chlordane-technical	1600	200	-	-	-	-	-	-	
delta-BHC	ND	100	-	-	-	-	-	-	
Dieldrin	39	10	-	-	-	-	-	-	
Endosulfan I	ND	150	-	-	-	-	-	-	
Endosulfan II	ND	150	-	-	-	-	-	-	
Endosulfan sulfate	ND	150	-	-	-	-	-	-	
Endrin	ND	150	-	-	-	-	-	-	
Endrin aldehyde	ND	150	-	-	-	-	-	-	
gamma-BHC (Lindane)	ND	100	-	-	-	-	-	-	
Heptachlor	ND	50	-	-	-	-	-	-	
Heptachlor epoxide	ND	20	-	-	-	-	-	-	
Methoxychlor	ND	150	-	-	-	-	-	-	
Mirex	ND	30	-	-	-	-	-	-	
Toxaphene	ND	200	-	-	-	-	-	-	
<i>Surrogate: Decachlorobiphenyl</i>									
		75 %		52-141	-	-	-	-	
<i>Surrogate: Tetrachloro-meta-xylene</i>									
		76 %		46-139	-	-	-	-	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 6 1/2 Foot (CY10825-06) Soil Sampled: 09/19/15 15:25 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	860	380	"	50	"	"	"	"	
4,4'-DDT	240	75	"	10	"	"	"	"	
Aldrin	ND	10	"	"	"	"	"	"	
alpha-BHC	ND	20	"	"	"	"	"	"	
beta-BHC	ND	100	"	"	"	"	"	"	
Chlordane-technical	1500	200	"	"	"	"	"	"	
delta-BHC	ND	100	"	"	"	"	"	"	
Dieldrin	31	10	"	"	"	"	"	"	
Endosulfan I	ND	150	"	"	"	"	"	"	
Endosulfan II	ND	150	"	"	"	"	"	"	
Endosulfan sulfate	ND	150	"	"	"	"	"	"	
Endrin	ND	150	"	"	"	"	"	"	
Endrin aldehyde	ND	150	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	100	"	"	"	"	"	"	
Heptachlor	ND	50	"	"	"	"	"	"	
Heptachlor epoxide	ND	20	"	"	"	"	"	"	
Methoxychlor	ND	150	"	"	"	"	"	"	
Mirex	ND	30	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl	76 %	52-141	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene	76 %	46-139	"	"	"	"	"	"	

Boring 7 1/2 Foot (CY10825-07) Soil Sampled: 09/19/15 15:33 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	1600	750	"	100	"	"	"	"	
4,4'-DDT	320	75	"	10	"	"	"	"	
Aldrin	ND	10	"	"	"	"	"	"	
alpha-BHC	ND	20	"	"	"	"	"	"	
beta-BHC	ND	100	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Boring 7 1/2 Foot (CY10825-07) Soil Sampled: 09/19/15 15:33 Received: 09/21/15 08:15

Chlordane-technical	1800	200	µg/kg	10	CY06549	-	09/25/15	EPA 8081A	
delta-BHC	ND	100	"	-	-	-	-	-	
Dieldrin	110	10	"	-	-	-	-	-	
Endosulfan I	ND	150	"	-	-	-	-	-	
Endosulfan II	ND	150	"	-	-	-	-	-	
Endosulfan sulfate	ND	150	"	-	-	-	-	-	
Endrin	ND	150	"	-	-	-	-	-	
Endrin aldehyde	ND	150	"	-	-	-	-	-	
gamma-BHC (Lindane)	ND	100	"	-	-	-	-	-	
Heptachlor	ND	50	"	-	-	-	-	-	
Heptachlor epoxide	ND	20	"	-	-	-	-	-	
Methoxychlor	ND	150	"	-	-	-	-	-	
Mirex	ND	30	"	-	-	-	-	-	
Toxaphene	ND	200	"	-	-	-	-	-	

Surrogate: Decachlorobiphenyl

76 % 52-141

Surrogate: Tetrachloro-meta-xylene

78 % 46-139

Boring 8 1/2 Foot (CY10825-08) Soil Sampled: 09/19/15 15:45 Received: 09/21/15 08:15

4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	970	380	"	50	-	-	-	-	
4,4'-DDT	240	75	"	10	-	-	-	-	
Aldrin	ND	10	"	-	-	-	-	-	
alpha-BHC	ND	20	"	-	-	-	-	-	
beta-BHC	ND	100	"	-	-	-	-	-	
Chlordane-technical	1400	200	"	-	-	-	-	-	
delta-BHC	ND	100	"	-	-	-	-	-	
Dieldrin	33	10	"	-	-	-	-	-	
Endosulfan I	ND	150	"	-	-	-	-	-	
Endosulfan II	ND	150	"	-	-	-	-	-	
Endosulfan sulfate	ND	150	"	-	-	-	-	-	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 1 11/2 Foot (CY10825-09) Soil Sampled: 09/19/15 16:22 Received: 09/21/15 08:15									
Mirex	ND	30	µg/kg	10	CY06549	-	09/25/15	EPA 8081A	
Toxaphene	ND	200	-	-	-	-	-	-	
<i>Surrogate: Decachlorobiphenyl</i>									
		78 %		52-141	-	-	-	-	
<i>Surrogate: Tetrachloro-meta-xylene</i>									
		79 %		46-139	-	-	-	-	
Boring 2 11/2 Foot (CY10825-10) Soil Sampled: 09/19/15 16:30 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	1800	750	-	100	-	-	-	-	
4,4'-DDT	370	75	-	10	-	-	-	-	
Aldrin	ND	10	-	-	-	-	-	-	
alpha-BHC	ND	20	-	-	-	-	-	-	
beta-BHC	ND	100	-	-	-	-	-	-	
Chlordane-technical	2300	200	-	-	-	-	-	-	
delta-BHC	ND	100	-	-	-	-	-	-	
Dieldrin	ND	10	-	-	-	-	-	-	
Endosulfan I	ND	150	-	-	-	-	-	-	
Endosulfan II	ND	150	-	-	-	-	-	-	
Endosulfan sulfate	ND	150	-	-	-	-	-	-	
Endrin	ND	150	-	-	-	-	-	-	
Endrin aldehyde	ND	150	-	-	-	-	-	-	
gamma-BHC (Lindane)	ND	100	-	-	-	-	-	-	
Heptachlor	ND	50	-	-	-	-	-	-	
Heptachlor epoxide	ND	20	-	-	-	-	-	-	
Methoxychlor	ND	150	-	-	-	-	-	-	
Mirex	ND	30	-	-	-	-	-	-	
Toxaphene	ND	200	-	-	-	-	-	-	
<i>Surrogate: Decachlorobiphenyl</i>									
		76 %		52-141	-	-	-	-	
<i>Surrogate: Tetrachloro-meta-xylene</i>									
		81 %		46-139	-	-	-	-	

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10/05/15 14:04

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 3 11/2 Foot (CY10825-11) Soil Sampled: 09/19/15 16:40 Received: 09/21/15 08:15									
4,4'-DDD	ND	750	µg/kg	100	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	2000	750	"	"	"	"	"	"	
4,4'-DDT	ND	750	"	"	"	"	"	"	
Aldrin	ND	100	"	"	"	"	"	"	
alpha-BHC	ND	200	"	"	"	"	"	"	
beta-BHC	ND	1000	"	"	"	"	"	"	
Chlordane-technical	2300	200	"	10	"	"	"	"	
delta-BHC	ND	1000	"	100	"	"	"	"	
Dieldrin	170	100	"	"	"	"	"	"	
Endosulfan I	ND	1500	"	"	"	"	"	"	
Endosulfan II	ND	1500	"	"	"	"	"	"	
Endosulfan sulfate	ND	1500	"	"	"	"	"	"	
Endrin	ND	1500	"	"	"	"	"	"	
Endrin aldehyde	ND	1500	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	1000	"	"	"	"	"	"	
Heptachlor	ND	500	"	"	"	"	"	"	
Heptachlor epoxide	ND	200	"	"	"	"	"	"	
Methoxychlor	ND	1500	"	"	"	"	"	"	
Mirex	ND	300	"	"	"	"	"	"	
Toxaphene	ND	2000	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl	61 %	52-141	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene	77 %	46-139	"	"	"	"	"	"	

Boring 4 11/2 Foot (CY10825-12) Soil Sampled: 09/19/15 17:00 Received: 09/21/15 08:15									
4,4'-DDD	ND	750	µg/kg	100	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	1300	750	"	"	"	"	"	"	
4,4'-DDT	ND	750	"	"	"	"	"	"	
Aldrin	ND	100	"	"	"	"	"	"	
alpha-BHC	ND	200	"	"	"	"	"	"	
beta-BHC	ND	1000	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 4 11/2 Foot (CY10825-12) Soil Sampled: 09/19/15 17:00 Received: 09/21/15 08:15									
Chlordane-technical	1800	200	µg/kg	10	CY06549	-	09/25/15	EPA 8081A	
delta-BHC	ND	1000	-	100	-	-	-	-	
Dieldrin	170	100	-	-	-	-	-	-	
Endosulfan I	ND	1500	-	-	-	-	-	-	
Endosulfan II	ND	1500	-	-	-	-	-	-	
Endosulfan sulfate	ND	1500	-	-	-	-	-	-	
Endrin	ND	1500	-	-	-	-	-	-	
Endrin aldehyde	ND	1500	-	-	-	-	-	-	
gamma-BHC (Lindane)	ND	1000	-	-	-	-	-	-	
Heptachlor	ND	500	-	-	-	-	-	-	
Heptachlor epoxide	ND	200	-	-	-	-	-	-	
Methoxychlor	ND	1500	-	-	-	-	-	-	
Mirex	ND	300	-	-	-	-	-	-	
Toxaphene	ND	2000	-	-	-	-	-	-	

<i>Surrogate: Decachlorobiphenyl</i>	59 %	52-141	-	-	-	-	-	-	
<i>Surrogate: Tetrachloro-meta-xylene</i>	74 %	46-139	-	-	-	-	-	-	

Boring 5 11/2 Foot (CY10825-13) Soil Sampled: 09/19/15 16:13 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	1400	750	-	100	-	-	-	-	
4,4'-DDT	370	75	-	10	-	-	-	-	
Aldrin	ND	10	-	-	-	-	-	-	
alpha-BHC	ND	20	-	-	-	-	-	-	
beta-BHC	ND	100	-	-	-	-	-	-	
Chlordane-technical	1800	200	-	-	-	-	-	-	
delta-BHC	ND	100	-	-	-	-	-	-	
Dieldrin	140	10	-	-	-	-	-	-	
Endosulfan I	ND	150	-	-	-	-	-	-	
Endosulfan II	ND	150	-	-	-	-	-	-	
Endosulfan sulfate	ND	150	-	-	-	-	-	-	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 5 11/2 Foot (CY10825-13) Soil Sampled: 09/19/15 16:13 Received: 09/21/15 08:15									
Endrin	ND	150	µg/kg	10	CY06549	-	09/25/15	EPA 8081A	
Endrin aldehyde	ND	150	-	-	-	-	-	-	
gamma-BHC (Lindane)	ND	100	-	-	-	-	-	-	
Heptachlor	ND	50	-	-	-	-	-	-	
Heptachlor epoxide	ND	20	-	-	-	-	-	-	
Methoxychlor	ND	150	-	-	-	-	-	-	
Mirex	ND	30	-	-	-	-	-	-	
Toxaphene	ND	200	-	-	-	-	-	-	
<i>Surrogate: Decachlorobiphenyl</i>									
		72 %		52-141	-	-	-	-	
<i>Surrogate: Tetrachloro-meta-xylene</i>									
		83 %		46-139	-	-	-	-	
Boring 6 11/2 Foot (CY10825-14) Soil Sampled: 09/19/15 15:55 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	930	380	-	50	-	-	-	-	
4,4'-DDT	200	75	-	10	-	-	-	-	
Aldrin	ND	10	-	-	-	-	-	-	
alpha-BHC	ND	20	-	-	-	-	-	-	
beta-BHC	ND	100	-	-	-	-	-	-	
Chlordane-technical	1300	200	-	-	-	-	-	-	
delta-BHC	ND	100	-	-	-	-	-	-	
Dieldrin	36	10	-	-	-	-	-	-	
Endosulfan I	ND	150	-	-	-	-	-	-	
Endosulfan II	ND	150	-	-	-	-	-	-	
Endosulfan sulfate	ND	150	-	-	-	-	-	-	
Endrin	ND	150	-	-	-	-	-	-	
Endrin aldehyde	ND	150	-	-	-	-	-	-	
gamma-BHC (Lindane)	ND	100	-	-	-	-	-	-	
Heptachlor	ND	50	-	-	-	-	-	-	
Heptachlor epoxide	ND	20	-	-	-	-	-	-	
Methoxychlor	ND	150	-	-	-	-	-	-	

CALIFORNIA LABORATORY SERVICES

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10/05/15 14:04

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 6 11/2 Foot (CY10825-14) Soil Sampled: 09/19/15 15:55 Received: 09/21/15 08:15									
Mirex	ND	30	µg/kg	10	CY06549	-	09/25/15	EPA 8081A	
Toxaphene	ND	200	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		75 %	52-141		"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		81 %	46-139		"	"	"	"	
Boring 7 11/2 Foot (CY10825-15) Soil Sampled: 09/19/15 17:17 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	1800	750	"	100	"	"	"	"	
4,4'-DDT	410	75	"	10	"	"	"	"	
Aldrin	ND	10	"	"	"	"	"	"	
alpha-BHC	ND	20	"	"	"	"	"	"	
beta-BHC	ND	100	"	"	"	"	"	"	
Chlordane-technical	2200	200	"	"	"	"	"	"	
delta-BHC	ND	100	"	"	"	"	"	"	
Dieldrin	190	10	"	"	"	"	"	"	
Endosulfan I	ND	150	"	"	"	"	"	"	
Endosulfan II	ND	150	"	"	"	"	"	"	
Endosulfan sulfate	ND	150	"	"	"	"	"	"	
Endrin	ND	150	"	"	"	"	"	"	
Endrin aldehyde	ND	150	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	100	"	"	"	"	"	"	
Heptachlor	ND	50	"	"	"	"	"	"	
Heptachlor epoxide	ND	20	"	"	"	"	"	"	
Methoxychlor	ND	150	"	"	"	"	"	"	
Mirex	ND	30	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
<i>Surrogate: Decachlorobiphenyl</i>		81 %	52-141		"	"	"	"	
<i>Surrogate: Tetrachloro-meta-xylene</i>		86 %	46-139		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boring 8 11/2 Foot (CY10825-16) Soil Sampled: 09/19/15 16:10 Received: 09/21/15 08:15									
4,4'-DDD	ND	75	µg/kg	10	CY06549	09/23/15	09/25/15	EPA 8081A	
4,4'-DDE	1100	380	"	50	"	"	"	"	
4,4'-DDT	240	75	"	10	"	"	"	"	
Aldrin	ND	10	"	"	"	"	"	"	
alpha-BHC	ND	20	"	"	"	"	"	"	
beta-BHC	ND	100	"	"	"	"	"	"	
Chlordane-technical	1400	200	"	"	"	"	"	"	
delta-BHC	ND	100	"	"	"	"	"	"	
Dieldrin	41	10	"	"	"	"	"	"	
Endosulfan I	ND	150	"	"	"	"	"	"	
Endosulfan II	ND	150	"	"	"	"	"	"	
Endosulfan sulfate	ND	150	"	"	"	"	"	"	
Endrin	ND	150	"	"	"	"	"	"	
Endrin aldehyde	ND	150	"	"	"	"	"	"	
gamma-BHC (Lindane)	ND	100	"	"	"	"	"	"	
Heptachlor	ND	50	"	"	"	"	"	"	
Heptachlor epoxide	ND	20	"	"	"	"	"	"	
Methoxychlor	ND	150	"	"	"	"	"	"	
Mirex	ND	30	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	

Surrogate: Decachlorobiphenyl	78 %	52-141	"	"	"	"
Surrogate: Tetrachloro-meta-xylene	84 %	46-139	"	"	"	"

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CIS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY06497 - EPA 7471A

Blank (CY06497-BLK1)				Prepared & Analyzed: 09/22/15						
Mercury	ND	0.10	mg/kg							
LCS (CY06497-BS1)				Prepared & Analyzed: 09/22/15						
Mercury	0.359	0.10	mg/kg	0.250		143	75-125			QM-1
Matrix Spike (CY06497-MS1)				Source: CY10763-01		Prepared & Analyzed: 09/22/15				
Mercury	0.306	0.10	mg/kg	0.250	ND	122	75-125			
Matrix Spike Dup (CY06497-MSD1)				Source: CY10763-01		Prepared & Analyzed: 09/22/15				
Mercury	0.307	0.10	mg/kg	0.250	ND	123	75-125	0.3	25	

Batch CY06498 - EPA 3050B

Blank (CY06498-BLK1)				Prepared & Analyzed: 09/22/15						
Antimony	ND	2.5	mg/kg							
Arsenic	ND	0.20	"							
Barium	ND	1.0	"							
Selenium	ND	0.50	"							
Beryllium	ND	1.0	"							
Thallium	ND	0.20	"							
Cadmium	ND	1.0	"							
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	1.0	"							
Vanadium	ND	1.0	"							
Zinc	ND	1.0	"							

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY06498 - EPA 3050B

LCS (CY06498-BS1)

Prepared & Analyzed: 09/22/15

Arsenic	88.1	0.20	mg/kg	100		88	75-125			
Antimony	86.9	2.5	"	100		87	75-125			
Arsenic	94.9	1.0	"	100		95	75-125			
Selenium	85.1	0.50	"	100		85	75-125			
Barium	99.4	1.0	"	100		99	75-125			
Thallium	86.3	0.20	"	100		86	75-125			
Beryllium	92.1	1.0	"	100		92	75-125			
Cadmium	97.6	1.0	"	100		98	75-125			
Cobalt	92.2	1.0	"	100		92	75-125			
Chromium	96.1	1.0	"	100		96	75-125			
Copper	97.2	1.0	"	100		97	75-125			
Lead	96.4	2.5	"	100		96	75-125			
Molybdenum	93.9	1.0	"	100		94	75-125			
Nickel	100	1.0	"	100		100	75-125			
Selenium	91.5	2.5	"	100		92	75-125			
Silver	102	1.0	"	100		102	75-125			
Thallium	101	4.0	"	100		101	75-125			
Vanadium	91.4	1.0	"	100		91	75-125			
Zinc	97.2	1.0	"	100		97	75-125			

Matrix Spike (CY06498-MS1)

Source: CY10825-01

Prepared & Analyzed: 09/22/15

Antimony	18.4	2.5	mg/kg	100	ND	18	75-125			QM-5
Arsenic	94.6	2.0	"	100	5.69	89	75-125			
Arsenic	96.2	1.0	"	100	5.21	91	75-125			
Selenium	88.7	5.0	"	100	1.54	87	75-125			
Barium	307	1.0	"	100	166	142	75-125			QM-5
Beryllium	88.4	1.0	"	100	0.170	88	75-125			
Thallium	97.1	2.0	"	100	1.66	95	75-125			
Cadmium	89.2	1.0	"	100	1.06	88	75-125			
Cobalt	94.7	1.0	"	100	10.7	84	75-125			
Chromium	140	1.0	"	100	38.2	102	75-125			

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CAM 17 Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY06498 - EPA 3050B

Matrix Spike (CY06498-MSI)

Source: CY10825-01

Prepared & Analyzed: 09/22/15

Copper	142	1.0	mg/kg	100	41.7	100	75-125			
Lead	1430	2.5	"	100	9.75	NR	75-125			QM-5
Molybdenum	81.5	1.0	"	100	0.995	80	75-125			
Nickel	187	1.0	"	100	78.9	108	75-125			
Selenium	76.7	2.5	"	100	ND	77	75-125			
Silver	94.9	1.0	"	100	ND	95	75-125			
Thallium	78.9	4.0	"	100	ND	79	75-125			
Vanadium	121	1.0	"	100	29.6	91	75-125			
Zinc	173	1.0	"	100	64.7	108	75-125			

Matrix Spike Dup (CY06498-MSD1)

Source: CY10825-01

Prepared & Analyzed: 09/22/15

Antimony	26.2	2.5	mg/kg	100	ND	26	75-125	35	30	QM-5
Arsenic	100	1.0	"	100	5.21	95	75-125	4	30	
Barium	313	1.0	"	100	166	147	75-125	2	30	QM-5
Beryllium	91.6	1.0	"	100	0.170	91	75-125	4	30	
Cadmium	92.4	1.0	"	100	1.06	91	75-125	4	30	
Cobalt	98.8	1.0	"	100	10.7	88	75-125	4	30	
Chromium	152	1.0	"	100	38.2	114	75-125	8	30	
Copper	145	1.0	"	100	41.7	104	75-125	2	30	
Lead	106	2.5	"	100	9.75	96	75-125	173	30	QM-5
Molybdenum	86.4	1.0	"	100	0.995	85	75-125	6	30	
Nickel	217	1.0	"	100	78.9	138	75-125	15	30	QM-5
Selenium	78.5	2.5	"	100	ND	78	75-125	2	30	
Silver	98.0	1.0	"	100	ND	98	75-125	3	30	
Thallium	80.8	4.0	"	100	ND	81	75-125	2	30	
Vanadium	131	1.0	"	100	29.6	101	75-125	8	30	
Zinc	186	1.0	"	100	64.7	121	75-125	7	30	

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY06549 - LUFT-DHS GCNV

Blank (CY06549-BLK1)

Prepared: 09/23/15 Analyzed: 09/25/15

Aldrin	ND	1.0	µg/kg							
alpha-BHC	ND	2.0	"							
beta-BHC	ND	10	"							
delta-BHC	ND	10	"							
gamma-BHC (Lindane)	ND	10	"							
Chlordane-technical	ND	20	"							
4,4'-DDD	ND	7.5	"							
4,4'-DDE	ND	7.5	"							
4,4'-DDT	ND	7.5	"							
Dieldrin	ND	1.0	"							
Endosulfan I	ND	15	"							
Endosulfan II	ND	15	"							
Endosulfan sulfate	ND	15	"							
Endrin	ND	15	"							
Endrin aldehyde	ND	15	"							
Heptachlor	ND	5.0	"							
Heptachlor epoxide	ND	2.0	"							
Methoxychlor	ND	15	"							
Mirex	ND	3.0	"							
Toxaphene	ND	20	"							

Surrogate: Tetrachloro-meta-xylene	5.69	"	"	8.33	68	46-139
Surrogate: Decachlorobiphenyl	7.24	"	"	8.33	87	52-141

LCS (CY06549-BS1)

Prepared: 09/23/15 Analyzed: 09/25/15

Aldrin	11.8	1.0	µg/kg	16.7	71	47-132
gamma-BHC (Lindane)	11.7	10	"	16.7	70	56-133
4,4'-DDT	13.3	7.5	"	16.7	80	46-137
Dieldrin	13.2	1.0	"	16.7	79	44-143
Endrin	14.5	15	"	16.7	87	30-147
Heptachlor	11.6	5.0	"	16.7	70	33-148

Surrogate: Tetrachloro-meta-xylene	5.29	"	"	8.33	63	46-139
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CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Organochlorine Pesticides by EPA Method 8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CY06549 - LUFT-DIIS GCNV

LCS (CY06549-BS1)		Prepared: 09/23/15 Analyzed: 09/25/15								
Surrogate: Decachlorobiphenyl	7.16		µg/kg	8.33		86	52-141			

LCS Dup (CY06549-BSD1)		Prepared: 09/23/15 Analyzed: 09/25/15								
Aldrin	11.0	1.0	µg/kg	16.7		66	47-132	8	30	
gamma-BHC (Lindane)	10.6	10	"	16.7		63	56-133	10	30	
4,4'-DDT	12.2	7.5	"	16.7		73	46-137	9	30	
Dieldrin	12.0	1.0	"	16.7		72	44-143	10	30	
Endrin	13.2	15	"	16.7		79	30-147	10	30	
Heptachlor	10.6	5.0	"	16.7		64	33-148	9	30	
Surrogate: Tetrachloro-meta-xylene	4.96		"	8.33		59	46-139			
Surrogate: Decachlorobiphenyl	6.46		"	8.33		78	52-141			

Matrix Spike (CY06549-MS1)		Source: CY10825-01		Prepared: 09/23/15 Analyzed: 09/25/15						
Aldrin	15.6	10	µg/kg	16.7	ND	93	47-138			
gamma-BHC (Lindane)	16.6	100	"	16.7	ND	99	38-144			
4,4'-DDT	238	75	"	16.7	192	274	41-157			QM-5
Dieldrin	50.9	10	"	16.7	37.8	78	46-155			
Endrin	86.9	150	"	16.7	ND	521	34-149			QM-5
Heptachlor	11.3	50	"	16.7	ND	68	36-155			
Surrogate: Tetrachloro-meta-xylene	18.1		"	20.8		87	46-139			
Surrogate: Decachlorobiphenyl	17.4		"	20.8		83	52-141			

Matrix Spike Dup (CY06549-MSD1)		Source: CY10825-01		Prepared: 09/23/15 Analyzed: 09/25/15						
Aldrin	15.2	10	µg/kg	16.7	ND	91	47-138	2	35	
gamma-BHC (Lindane)	17.1	100	"	16.7	ND	103	38-144	3	35	
4,4'-DDT	221	75	"	16.7	192	170	41-157	8	35	QM-5
Dieldrin	50.2	10	"	16.7	37.8	74	46-155	1	35	
Endrin	84.6	150	"	16.7	ND	507	34-149	3	35	QM-5
Heptachlor	11.2	50	"	16.7	ND	67	36-155	1	35	
Surrogate: Tetrachloro-meta-xylene	16.9		"	20.8		81	46-139			
Surrogate: Decachlorobiphenyl	18.8		"	20.8		90	52-141			

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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Notes and Definitions

- 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-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.
- QB-1 The method blank or calibration verification blank contains analyte at a concentration above the MRI.; however, concentration is less than 10% of the sample result, which is negligible according to method criteria.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

CALIFORNIA LABORATORY SERVICES

Phase I Assessment 273 Canyon Falls Dr Folsom, CA 95630	Project: ARAUJD Residential Project Project Number: [none] Project Manager: Farshad Vakili	CLS Work Order #: CY10825 COC #: 156511-156516
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CLS - Labs

Phase I

CHAIN OF CUSTODY

CLS ID No.: CY10825-1 / 1/2 LOG NO. 156511

REPORT TO: NAME ADDRESS <u>FARSHAD VAKILI</u> <u>273 CANYON FALLS DRIVE</u> <u>FOLSOM, CA 95630</u>		CLIENT JOB NUMBER	ANALYSIS REQUESTED		GEOTRACKER: EDF REPORT <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO GLOBAL ID: _____
PROJECT MANAGER <u>FARSHAD VAKILI 916 804 1232</u>		DESTINATION LABORATORY <input checked="" type="checkbox"/> CLS (916) 638-7301 3249 FITZGERALD RD RANCHO CORDOVA, CA 95742	PRESERVATIVES CAM 17 CHLORINATED PESTICIDE	COMPOSITE	
FIELD CONTACT NAME <u>ARAUJD RESIDENTIAL PROJECT</u>		<input type="checkbox"/> OTHER		FIELD CONDITIONS <u>SUNNY, HOT 87°F</u> <u>AT 3:00 PM.</u>	
LABORATORY LOCATION <u>TAKING SOIL SAMPLES TO ENSURE</u> <u>NO RESIDENTIAL PESTICIDE</u> <u>ARAUJD STREET, SAN JOSE, CA</u>			TURN AROUND TIME		SPECIAL INSTRUCTIONS
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO	TYPE
9/19/15	2:20 PM	BORING 1	1/2 FOOT		
9/19/15	2:45 PM	BORING 2	1/2 FOOT		
9/19/15	3:00 PM	BORING 3	1/2 FOOT		
9/19/15	3:10 PM	BORING 4	1/2 FOOT		
9/19/15	3:17 PM	BORING 5	1/2 FOOT		
9/19/15	3:25 PM	BORING 6	1/2 FOOT		
9/19/15	3:33 PM	BORING 7	1/2 FOOT		
9/19/15	3:45 PM	BORING 8	1/2 FOOT		
SUSPECTED CONTAMINANTS		PRESERVATIVES	(1) HCL (2) HNO3	(3) H2O2 (4) H2SO4	(5) H2SO4 (6) HNO3
RELINQUISHED BY (SIGN) <u>[Signature]</u>	PRINT NAME / COMPANY <u>FARSHAD VAKILI PHASE I</u>	DATE / TIME <u>9/21/15 8:15</u>	RECEIVED BY (SIGN)	PRINT NAME / COMPANY	
REC'D AT LAB BY <u>[Signature]</u>	DATE / TIME <u>9-21-15</u>	8:5 (10.9)	CONC'D COMMENTS		
SHIPPED BY: <input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> OTHER	AIR BILL #				

CALIFORNIA LABORATORY SERVICES

Phase I Assessment
273 Canyon Falls Dr
Folsom, CA 95630

Project: ARAUJD Residential Project
Project Number: [none]
Project Manager: Farshad Vakili

CLS Work Order #: CY10825
COC #: 156511-156516

450825-2 2/2

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.:

LOG NO. 156516

Phase I

REPORT TO: FARSHAD VAKILI
273 CANYON FALLS DRIVE
FOLSOM, CA 95630

CLIENT JOB NUMBER: 450825-2 2/2

DESTINATION LABORATORY: CLS (916) 638-7301
3249 FITZGERALD RD
RANCHO CORDOVA, CA 95742

ANALYSIS REQUESTED: CHLORINATED PESTICIDES
PRESERVATIVES

GEOTRACKER: EDF REPORT YES NO
GLOBAL ID: _____

COMPOSITE: _____

FIELD CONDITIONS: SUNNY, HOT 87°F AT 3:00 PM

TURN AROUND TIME: _____ SPECIAL INSTRUCTIONS: _____

DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE
9/19/15	4:27 PM	BORING 2	1 1/2 FOOT		
9/19/15	4:30 PM	BORING 2	1 1/2 FOOT		
9/19/15	4:40 PM	BORING 3	1 1/2 FOOT		
9/19/15	5:00 PM	BORING 4	1 1/2 FOOT		
9/19/15	4:13 PM	BORING 5	1 1/2 FOOT		
9/19/15	3:55 PM	BORING 6	1 1/2 FOOT		
9/19/15	5:17 PM	BORING 7	1 1/2 FOOT		
9/19/15	4:10 PM	BORING 8	1 1/2 FOOT		

PROJECT COORDINATOR: FARSHAD VAKILI, P.E.
ADDRESS: TAKING SOIL SAMPLES TO ENSURE NO RESIDUAL PESTICIDE.
ADDRESS: ARAUJD STREET, SAN JOSE, CA

RELINQUISHED BY (SIGN): [Signature] PRINT NAME / COMPANY: FARSHAD VAKILI PHASE 1 DATE / TIME: 9/21/15 8:15

RECEIVED BY (SIGN): _____ PRINT NAME / COMPANY: _____

SHIPPED BY: [Signature] DATE / TIME: 9-21-15 8:15 (10.9) CONDITIONS / COMMENTS: _____

SHIPPED BY: UPS AIR BILL # _____

APPENDIX D

ARAUJO STREET SUBDIVISION RESIDENTIAL TRAFFIC STUDY



Memorandum

Date: June 24, 2015
To: Ms. Teri Wissler Adam, EMC Planning Group Inc.
From: Gary Black, Ling Jin
Subject: Traffic Study for the Proposed Araujo Street Subdivision in San Jose, California

Hexagon Transportation Consultants, Inc. has completed a traffic study for the proposed Araujo Street subdivision development in San Jose, California. The project site is currently vacant. The proposed project would build 9 homes. The location of the project site is shown on Figure 1.

The purpose of this study is to determine the number of trips that would be added to the US 101/Oakland Road interchange for purposes of assessing the project's impact fee.

Trip Generation

Daily and peak-hour trip generation estimates for the proposed project were prepared based on trip rates published in the *San Jose Traffic Impact Analysis Handbook*, November 2009.

The proposed project is expected to generate a total of 89 daily trips with 9 trips (3 in and 6 out) during the AM peak hour and 9 trips (6 in and 3 out) during the PM peak hour (see Table 1). The project site is currently vacant. Therefore, there is no existing trip credit to be applied to the project trip generation.

Table 1
Trip Generation Estimates

Land Use	Size	Daily Rate	Daily Trips	AM Peak Hour			PM Peak Hour				
				Rate	In	Out	Total	Rate	In	Out	Total
Single Family Detached	9 units	9.90	89	0.10	3	6	9	0.10	6	3	9

Source: City of San Jose *Traffic Impact Analysis Handbook*, November 2009.

Project Trip Distribution and Assignment

The trip distribution pattern for the project was estimated based on existing travel patterns on the surrounding roadway system, the locations of complementary land uses, freeway access points, and previous traffic studies (see Figure 1).

Surrounding Roadway Network

Three major freeways surround the project site and provide regional project access: I-880, I-680/I-280, and US 101. Brokaw Road/Hostetter Road, Oakland Road, Lundy Avenue and Berryessa Road are four major arterial roads within the immediate vicinity of the project site.

Trip Routes

Trips to/from I-880 north of the project site are expected to access the project site via the I-880/Brokaw Road interchange, and then travel on E Brokaw Road/Murphy Road for less than a mile. This interchange is approximately 2 miles northwest of the project site. These trips will use the surrounding local roads to access the project site: Oyama Drive, Sajak Avenue, Townsend Avenue, and Araujo Street. This route is both the fastest and shortest route.

Trips to/from US 101 north are expected to access the project site via the US 101/Oakland Road interchange. This interchange is approximately 2 miles southwest of the project site. These trips are expected to access the project site by using Commercial Street, Berryessa Road and Sierra Road. This route is both the fastest and shortest route. Another potential route is to use the I-880/Brokaw Road interchange and travel on I-880 and SR 237 then change to US 101 north. Compared to the shortest route, this route is 1.5 miles longer and also requires 3 minutes more travel time. Therefore, it is expected that trips to/from US 101 north will use the US 101/Oakland Road interchange (see Figure 1).

Trips to/from US 101 south have two potential routes to access the project site. The shortest and fastest route is to use the US 101/Oakland Road interchange and then travel on local roads including Commercial Street, Berryessa Road, Sierra Road, and Araujo Street for approximately 2.2 miles. The other potential route is to use US 101 to I-680 and the I-680/Berryessa Road interchange. Trips then travel on Berryessa Road and turn right to Sierra Road then turn left to Araujo Street to access the project site. Compared to the shortest route, this route is 1.5 miles longer, and would take 1 minute more in total travel time. Therefore, it is expected that trips to/from US 101 south will use the US 101/Oakland Road interchange (see Figure 1).

Trips to/from I-880 south have two potential routes to access the project site. The shortest route is to use I-880 to US 101 and use the US 101/Oakland Road interchange. Then these trips can use Mabury Road, Berryessa Road and Sierra Road, and Araujo Street to access the project site. The fastest route is to use I-880/Brokaw Road interchange, then travel on E Brokaw Road/Murphy Road for less than a mile and continue on surrounding local roads to access the project site. Compared to the shortest route, this route is 0.5 miles longer, but would take 2 minutes less in total travel time. The travel time saving by choosing the fastest route may offset the 0.5 miles shorter travel distance by using the shortest route. Therefore, it is expected that trips to/from I-880 south will stay on I-880 and would not use the 101/Oakland Road interchange.

The project site is located on the west side of Oakland Road, and there is no direct connection between Oakland Road and the project site. Therefore, all local trips to/from the downtown area are expected to access the project site by using Hedding Street/Berryessa Road to Sierra Road.

US 101/Oakland/Mabury Transportation Development Policy (TDP)

The City of San Jose has identified operational problems along the Oakland Road corridor at the US 101 interchange, which are due primarily to the capacity constraints of the interchange. The interchange's current configuration is inadequate to serve the vehicular demand due to it serving as the main gateway into the Oakland Road area and as the only route across US 101. As a result, the City has identified two key capital improvement projects: 1) modification of the US 101/Oakland Road interchange, including improvements to the Oakland Road/Commercial Street intersection, and 2) construction of a new US 101/Mabury Road interchange. Both interchange projects will create additional capacity for accessing and crossing US 101, which will be crucial to accommodate future growth in the vicinity, including the future BART station at the San Jose Flea Market site. To fund these necessary interchange improvements, the City has developed the US 101/Oakland/Mabury Transportation Development Policy (TDP).

As part of the new Policy, a fee to fund the planned interchange improvements has been adopted. The fee is based on PM peak hour vehicle trips generated by a project. Any project that would add traffic to the US 101/Oakland Road interchange is required to participate in the TDP program. The TDP includes a fee schedule requiring all new developments to pay a "fair share" contribution for using a portion of the interchange capacity that would be created with buildout of the US 101/Oakland Road interchange and construction of a new US 101/Mabury Road interchange. Unlike most Area Development Policies that base their fees on the number of residential units or square footages built, the fee for the US 101/Oakland/Mabury TDP is based on the number of PM peak hour vehicular trips that would be added to the US 101/Oakland Road interchange (including the Oakland Road/Commercial Street intersection).

Since the proposed project would send some PM peak hour vehicle trips through the US 101/Oakland Road interchange, the project would be required to pay a fair share contribution toward the planned interchange improvements. The current TDP traffic impact fee is \$34,913 per each new PM peak hour vehicle trip that would be added to the US 101/Oakland Road interchange. The project would add 3 new trips to the interchange during the PM peak hour of traffic.

Estimated US 101/Oakland/Mabury TDP Impact Fee: \$34,913 x 3 net PM peak hour trips = \$104,739.

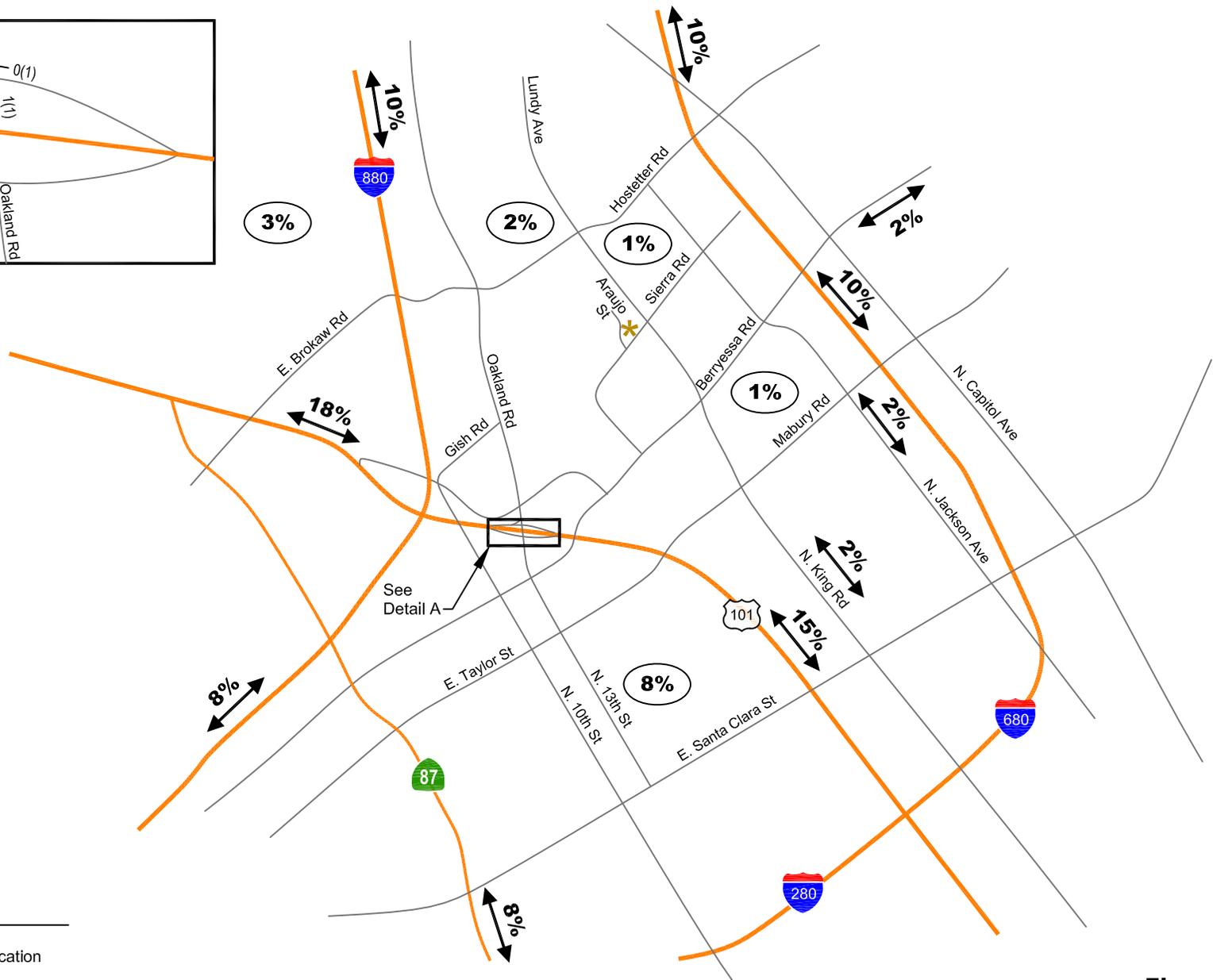
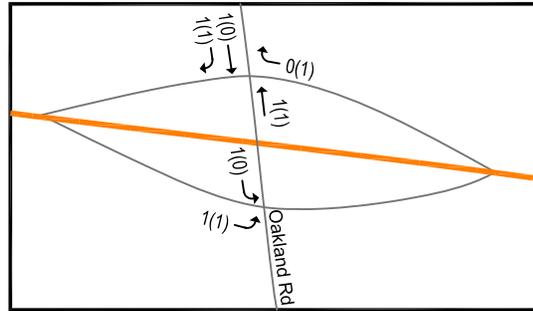
Conclusions

The purpose of this study was to determine the number of trips that would be added to the US 101/Oakland Road interchange for purposes of assessing the project's impact fee. The key findings are summarized below.

- The proposed project is expected to generate a total of 89 daily trips with 9 trips (3 in and 6 out) during the AM peak hour and 9 trips (6 in and 3 out) during the PM peak hour.
- Based on the surrounding land uses and the existing roadway network, it is expected that 3 project trips would use the US 101/Oakland Road interchange during the PM peak hour, and the proposed project would need to pay a total of \$104,739 impact fee (based on the current rate of \$34,913 per trip).

Araujo Street Subdivision Residential Development

Detail A



LEGEND

* = Project Site Location

XX(X) = AM(PM) Peak-Hour Trips

Figure 1
Project Trip Distribution and Assignment