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SINCE 1859

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July 10, 2012

RECEIVED

9:05 am, Jul 12, 2012

Alameda County
Environmental Health

Mr. Mark Detterman
Alameda County health Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Soil and Groundwater Report
San Lorenzo High School
50 E. Lewelling Blvd.
San Lorenzo, California

Dear Mr. Detterman,

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report and correct to the best of my knowledge.

Sincerely,

Karen Langmaid
Director of Operations
San Lorenzo Unified School District

EquoLogic

Mr. Mark Detterman
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

July 16,2012
Project 409-01.02

RE: **Soil and Groundwater Investigation**
San Lorenzo High School
50 E. Lewelling Blvd.
San Lorenzo, California

Dear Mr. Detterman,

EquoLogic, on behalf of the San Lorenzo Unified School District (SLUSD), presents this soil and groundwater investigation report for San Lorenzo High School, San Lorenzo, California. The work was requested by Alameda County Health Services Agency (ACHSA) in a letter to SLUSD dated January 5, 2012. A work plan prepared by EquoLogic was approved by ACHSA in a letter to SLUSD dated April 11, 2012.

BACKGROUND

On August 18, 2010, a 6,000-gallon heating oil underground storage tank (UST) was removed from San Lorenzo High School. The location of San Lorenzo High School (Site) is shown on **Figure 1**. The excavation and tank removal were documented in a report by Golden Gate Tank Removal, Inc. (GGTR) titled *Closure Report for Underground Storage Tank, 50 E Lowelling Boulevard, San Lorenzo, CA 94580* dated October 19, 2010. After removal of the UST, confirmation soil samples were collected at a depth of 12 feet below grade (bg). Samples were analyzed for total petroleum hydrocarbons as diesel (TPH-d) and as motor oil (TPH-mo). TPH in either TPH-d or TPH-mo carbon range could be heating oil. TPH-d concentrations were found up to 3,470 milligrams per kilogram (mg/kg) in soil and is assumed to represent heating oil. TPH-mo was not detected in soil samples. Additionally benzene, toluene, ethylbenzene, and xylene (BTEX) and fuel oxygenates were analyzed for, however, all were non-

detectable at varying limits of detection. A grab groundwater was collected from the UST excavation. The sample was analyzed for TPH-d and TPH-mo, BTEX, and fuel oxygenates. TPH-d was detected at 12.1 parts per million (ppm). All other parameters were below the method detection limit.

SCOPE OF WORK

EquoLogic sampled soil and groundwater in the area of the former UST and remote fill port in order to establish the lateral and vertical extent of petroleum hydrocarbons. The following section lists the tasks performed.

Pre-field

- Selection and scheduling of drilling company (Vironex)
- Preparation of Health and Safety Plan
- Obtained drilling permit from County (**Attachment A**)
- Notified ACHSA of work schedule/inspection
- Notified Underground Service Alert (USA)

Field Work

- Marked boring locations in the field
- Performed underground utility survey
- Drilled four direct-push borings (B-1 through B-4) to a depth of approximately 20 to 24 feet bgs (**Figure 2**). Boring logs are provided as **Attachment B.**
- Collected soil samples at 5-foot depth intervals using a steel drive sampler equipped with a four-foot long acetate liner. Samples were cut from the liner and sealed with tight fitting plastic caps. Samples were placed on ice for transportation to the laboratory under chain of custody documentation.
- Obtained photo-ionization detector (PID) readings for soil samples collected. Readings are shown on the boring logs in **Attachment B.**
- Collected a groundwater sample from each boring using a temporary casing and peristaltic pump. Samples were placed on ice for transportation to the laboratory under chain of custody documentation.
- Analyzed all collected soil samples and the four water samples for a broad range of petroleum hydrocarbons including diesel, motor oil, mineral spirits, and kerosene and , BTEX compounds, and MTBE all by US EPA Method 8015B. The laboratory reported that there is no specific test

for heating oil. Heating oil is recognized by a chromatographic spike between diesel and motor oil. Samples containing this spike were identified on the laboratory report **(Appendix C).**

- Upon completion of sampling, boreholes were backfilled with concrete grout. All borehole grouting activities were supervised by Mr. Steve Miller of the Alameda County Public Works Agency.

RESULTS

The following section presents the results of the soil and water investigation.

Soil and Groundwater

Borings encountered primarily clay and silt soil deposits (see boring logs). A fine sandy soil layer was encountered in the depth interval of approximately 9 to 13 feet bg. Groundwater was encountered at a depth of approximately 10 feet bgs, perched within the sandy layer overlying a low permeability clay.

Soil Analtyical Results

All PID readings for soil samples were zero. Soil analytical data is summarized on **Table 1**. Heating oil was identified in only one soil sample – Boring B-1 at 5 feet bg. Hydrocarbons were quantified by the laboratory as 1760 milligrams per kilogram (mg/kg) TPH-d and 1610 mg/kg TPH-mo. BTEX and MTBE were below the method detection limit in all samples with the exception of 17.2 mg/kg xylene in B-1 at 5 feet bgs.

Water Analytical Results

A summary of water analytical data is summarized on **Table 1**. Heating oil was not identified in any of the four groundwater samples. BTEX compounds and MTBE were all below the method detection limit with the exception of ethylbenzene at 0.25 micrograms per liter (ug/l)and xylene at 0.78 ug/l in the water sample from boring B-3.

CONCLUSIONS

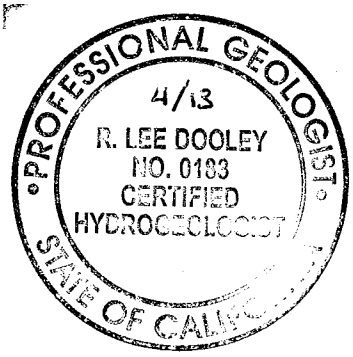
Heating oil is confined to near surface soil in the area of the remote fill port. Groundwater in the area of the fill port is not impacted. EquoLogic recommends the UST case be closed and no further action required.

LIMITATIONS

The descriptions, conclusions, and recommendations contained in this report represent EquoLogic's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. For any reports cited that were not generated by EquoLogic, the data from those reports is used "as is" and is assumed to be accurate. This report is based upon a specific scope of work requested by the client. The Contract between EquoLogic and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were conducted. This report is intended only for the use of EquoLogic's Client and anyone else specifically listed on this report. EquoLogic will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, EquoLogic makes no express or implied warranty as to the contents of this report.

You can contact me at (408) 656-2505 or by email at ldooley@equologicgroup.com.

Sincerely,



Lee Dooley
Senior Hydrogeologist
CHG 183

Attachments

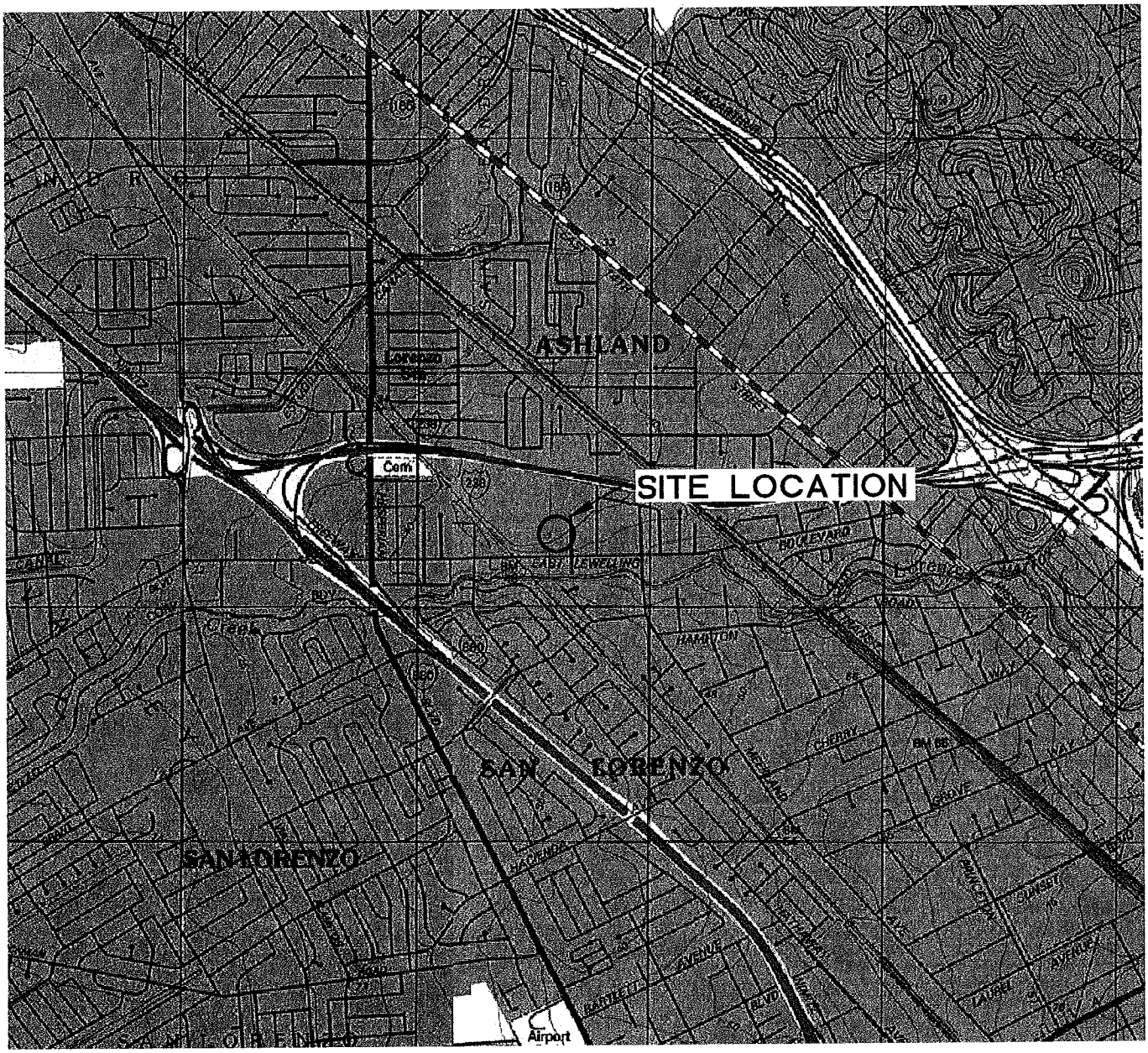
Table 1 – Summary of Analtyical Data

Figure 1 – Site Location Map
Figure 2 – Boring Location Map

Attachment A – Boring Permit

Attachment B – Boring Logs

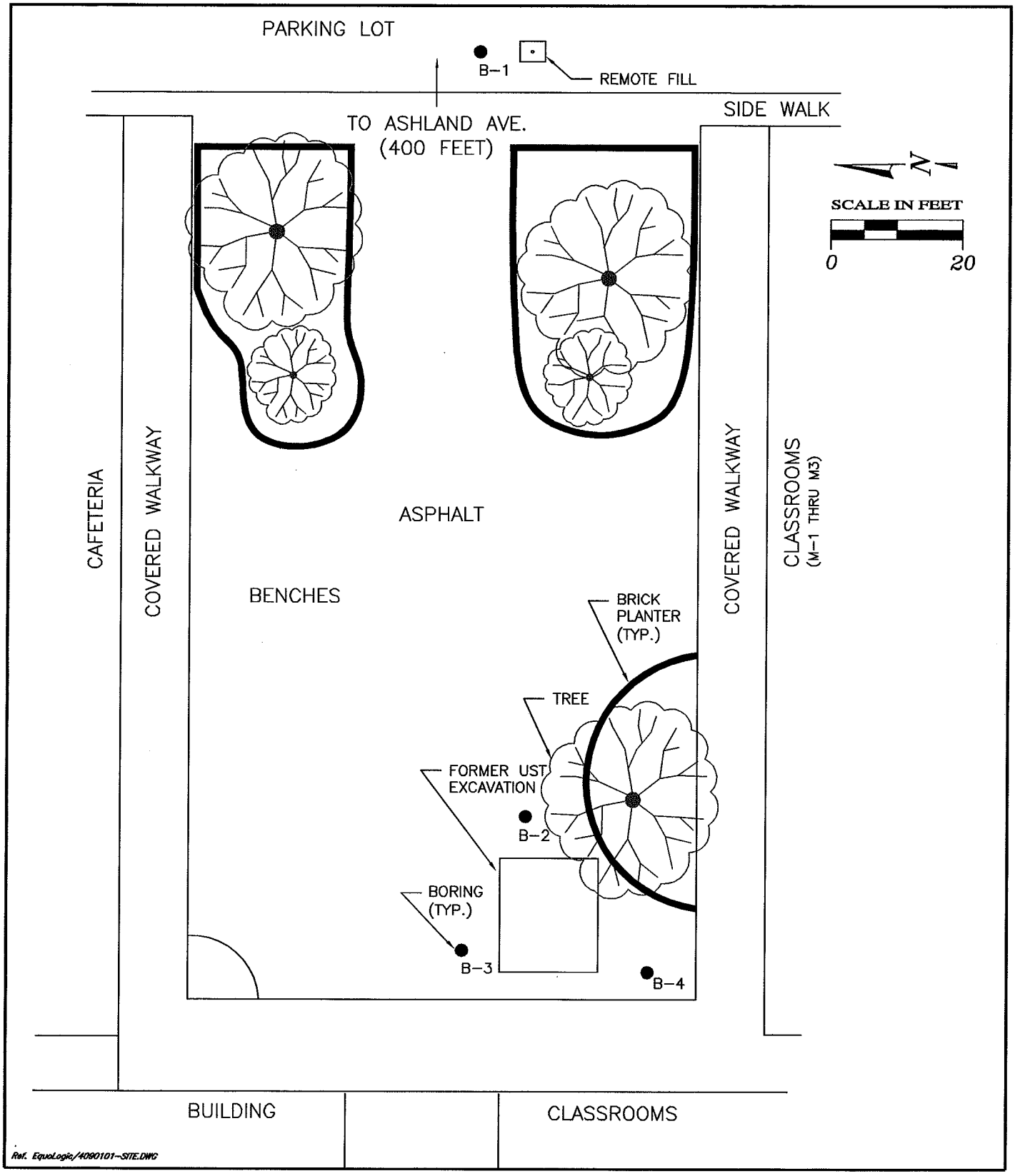
Attachment C – Laboratory Report



Ref.
IA644/409.01.01/4090101-SLM.DWG

EquoLogic

SITE LOCATION MAP	FIGURE: 1
SAN LORENZO HIGH SCHOOL 50 E. LOWELLING BLVD SAN LORENZO, CALIFORNIA	PROJECT: 409.01.01



EquoLogic

BORING LOCATION MAP

SAN LORENZO HIGH SCHOOL
50 EAST LOWELLING BLVD.
SAN LORENZO, CALIFORNIA

FIGURE:
2
PROJECT:
409.01.01

TABLE 1 - Summary of Analytical Data

Accutest Northern California,Inc.											Jul 02, 2012 16:39 pm
Job Number:	C22290										
Account:	EquoLogic										
Project:	San Lorenzo High - San Lorenzo, CA										
Project Number:	409.01.01										
										Legend:	Hit
Client Sample ID:		B-1	B-2	B-3	B-4						
Lab Sample ID:		C22290-5	C22290-11	C22290-16	C22290-21						
Date Sampled:		6/12/2012	6/12/2012	6/12/2012	6/12/2012						
Matrix:		Ground Water	Ground Water	Ground Water	Ground Water						
GC/MS Volatiles (SW846 8260B)											
Benzene	ug/l	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)						
Toluene	ug/l	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)						
Ethylbenzene	ug/l	ND (0.20)	ND (0.20)	0.25 J	ND (0.20)						
Xylene (total)	ug/l	ND (0.46)	ND (0.46)	0.78 J	ND (0.46)						
Methyl Tert Butyl Ether	ug/l	ND (0.20)	ND (0.20)	ND (0.20)	ND (0.20)						
GC Semi-volatiles (SW846 8015B M)											
TPH (Diesel)	mg/l	0.157	ND (0.053)	0.0588 J	ND (0.063)						
TPH (Motor Oil)	mg/l	ND (0.10)	ND (0.11)	ND (0.11)	ND (0.13)						
TPH (Mineral Spirits)	mg/l	ND (0.050)	ND (0.053)	ND (0.056)	ND (0.063)						
TPH (Kerosene)	mg/l	ND (0.050)	ND (0.053)	ND (0.056)	ND (0.063)						
Client Sample ID:		B-1-10'	B-1-15'	B-1-20'	B-1-5'	B-2-10'	B-2-15'	B-2-20'	B-2-24'	B-2-5'	B-3-10'
Lab Sample ID:		C22290-2	C22290-3	C22290-4	C22290-1	C22290-7	C22290-8	C22290-9	C22290-10	C22290-6	C22290-12
Date Sampled:		6/12/2012	6/12/2012	6/12/2012	6/12/2012	6/12/2012	6/12/2012	6/12/2012	6/12/2012	6/12/2012	6/12/2012
Matrix:		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
GC/MS Volatiles (SW846 8260B)											
Benzene	ug/kg	ND (0.50)	ND (0.50)	ND (0.50)	ND (2.4)	ND (0.49)	ND (0.49)	ND (0.50)	ND (0.50)	ND (0.49)	ND (0.50)
Toluene	ug/kg	ND (0.50)	ND (0.50)	ND (0.50)	ND (2.4)	ND (0.49)	ND (0.49)	ND (0.50)	ND (0.50)	ND (0.49)	ND (0.50)
Ethylbenzene	ug/kg	ND (0.50)	ND (0.50)	ND (0.50)	ND (2.4)	ND (0.49)	ND (0.49)	ND (0.50)	ND (0.50)	ND (0.49)	ND (0.50)
Xylene (total)	ug/kg	ND (0.99)	ND (0.99)	ND (0.99)	17.2 J	ND (0.99)	ND (0.98)	ND (1.0)	ND (0.99)	ND (0.98)	ND (0.99)

Methyl Tert Butyl Ether	ug/kg	ND (0.99)	ND (0.99)	ND (0.99)	ND (4.7)	ND (0.99)	ND (0.98)	ND (1.0)	ND (0.99)	ND (0.98)	ND (0.99)
GC Semi-volatiles (SW846 8015B M)											
TPH (Diesel)	mg/kg	ND (5.0)	ND (5.0)	ND (5.0)	1760	ND (4.9)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
TPH (Motor Oil)	mg/kg	ND (10)	ND (10)	ND (9.9)	1610	ND (9.9)	ND (10)	41	ND (10)	39.7	ND (10)
TPH (Mineral Spirits)	mg/kg	ND (5.0)	ND (5.0)	ND (5.0)	ND (200)	ND (4.9)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
TPH (Kerosene)	mg/kg	ND (5.0)	ND (5.0)	ND (5.0)	ND (200)	ND (4.9)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)	ND (5.0)
Client Sample ID:		**B-3-15'**	**B-3-20'**	**B-3-24'**	**B-4-10'**	**B-4-15'**	**B-4-20'**	**B-4-5'**			
Lab Sample ID:		**C22290-13**	**C22290-14**	**C22290-15**	**C22290-18**	**C22290-19**	**C22290-20**	**C22290-17**			
Date Sampled:		**6/12/2012**	**6/12/2012**	**6/12/2012**	**6/12/2012**	**6/12/2012**	**6/12/2012**	**6/12/2012**			
Matrix:		**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**	**Soil**			
GC/MS Volatiles (SW846 8260B)											
Benzene	ug/kg	ND (0.49)	ND (0.50)	ND (0.49)	ND (0.48)	ND (0.50)	ND (0.49)	ND (0.49)			
Toluene	ug/kg	ND (0.49)	ND (0.50)	ND (0.49)	ND (0.48)	ND (0.50)	ND (0.49)	ND (0.49)			
Ethylbenzene	ug/kg	ND (0.49)	ND (0.50)	ND (0.49)	ND (0.48)	ND (0.50)	ND (0.49)	ND (0.49)			
Xylene (total)	ug/kg	ND (0.98)	ND (1.0)	ND (0.98)	ND (0.97)	ND (1.0)	ND (0.98)	ND (0.97)			
Methyl Tert Butyl Ether	ug/kg	ND (0.98)	ND (1.0)	ND (0.98)	ND (0.97)	ND (1.0)	ND (0.98)	ND (0.97)			
GC Semi-volatiles (SW846 8015B M)											
TPH (Diesel)	mg/kg	5.00 J	ND (4.9)	5.80 J	ND (5.0)	ND (4.9)	ND (5.0)	ND (5.0)			
TPH (Motor Oil)	mg/kg	ND (9.9)	ND (9.8)	ND (9.9)	ND (10)	ND (9.9)	ND (9.9)	ND (9.9)			
TPH (Mineral Spirits)	mg/kg	ND (5.0)	ND (4.9)	ND (5.0)	ND (5.0)	ND (4.9)	ND (5.0)	ND (5.0)			
TPH (Kerosene)	mg/kg	ND (5.0)	ND (4.9)	ND (5.0)	ND (5.0)	ND (4.9)	ND (5.0)	ND (5.0)			

ATTACHMENT A

BORING PERMIT

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 06/06/2012 By jamesy

Permit Numbers: W2012-0361
Permits Valid from 06/12/2012 to 06/12/2012

Application Id:	1338846359098	**City of Project Site:**San Lorenzo
Site Location:	50 E Lewelling Blvd, San Lorenzo, CA	
Project Start Date:	06/12/2012	**Completion Date:**06/12/2012
Assigned Inspector:	Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org	
Applicant:	EquoLogic - Lee Dooley 15936 Barry Ln, Monte Sereno, CA 95030	**Phone:** 408-656-2505
Property Owner:	San Lorenzo Unified School District 15510 Usher St., San Lorenzo, CA 94580	**Phone:** 510-317-4600
Client:	** same as Property Owner **	

	Total Due:	$265.00
Receipt Number: WR2012-0164	**Total Amount Paid:**	$265.00
Payer Name : Equo Logic Group	Paid By: CHECK	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 4 Boreholes
Driller: Vironex - Lic #: 705927 - Method: other

Work Total: $265.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2012-0361	06/06/2012	09/10/2012	4	2.00 in.	25.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least

five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

ATTACHMENT B

BORING LOGS

Boring B-1

Project No: 409-01.01
Logged By: Matt Pawlus
Driller: Virenex
Drilling Method: Direct Push
Sampling Method: " "
Casing Type: NA
Slot Size: NA
Gravel Pack: NA

Client: San Lorenzo Union School District
Location: San Lorenzo High School
Date Drilled: 6-12-12
Hole Diameter: 1.5"
Hole Depth: 24'
Well Diameter: NA
Well Depth: NA
Casing Stickup: NA

Page 1 of 1

Boring B-1

EquoLogic

Elevation | Northing | Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								FL	Asphalt + baserock. Hand auger to 5'
					1			CL	CLAY, dark olive-black, 90% low plasticity fines, <10% very fine sand damp, stiff, product odor
					2				
					3				(brown, soft, damp, NPO
					4				
			ϕ		5			ML	Sandy SILT, dark olive brown, 60-70% low plasticity fines; 30-40% v. fine sand, soft, v. moist
					6				
					7				
					8				
					9				
			ϕ		10				(increasing sand)(v. moist to wet)
					11				
					12				
					13				
					14				
			ϕ		15			CL	Sandy CLAY, black, ~10% medium plasticity fines, 10% fine sand, moist, stiff to v. stiff
					16				
					17				
					18				
					19				
					20				
					21				
			ϕ		24				Bottom of Boring

Boring B-2

Page 1 of 1

Boring B-2

Project No: 409.01.01
Logged By: Matt Powlus
Driller: Vironex
Drilling Method: Direct-Push
Sampling Method: " "
Casing Type: NA
Slot Size: NA
Gravel Pack: NA

Client: San Lorenzo Union School District
Location: San Lorenzo #5.
Date Drilled: 6-12-12
Hole Diameter: 1.5"
Hole Depth: 24'
Well Diameter: NA
Well Depth: NA
Casing Stickup: NA

Elevation | Northing | Easting

EquoLogic

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
									Asphalt + baserock; hand auger to 5'
					1			CL/SC	Sandy CLAY to clayey SAND, dark brown, 50% fine sand, damp NPO
					2				
					3				
					4			SM	Silty SAND, dark yellowish brown 30-40% low plasticity fines, 60-70% very fine sand, damp NPO
			ϕ		5				
					6				
					7			ML	Sandy SILT, dark brown, 60-70% low plasticity fines, 30-40% very fine sand, damp, NPO
					8				
					9				
			ϕ		10			SM	Silty SAND (as above), very damp
	▽				11				
					12				(medium sand)(very moist)
					13				
					14			CL	
			ϕ		15				CLAY with sand, dark greyish black with light gray mottling; 90% low plasticity fines; 4 fine sand NPO
					16				
					17				
					18				
					19				
					20				(10 to 15% fine sand, stiff)
					21				
			ϕ		22				
					23				
					24				Bottom of Boring

Boring B-3

Project No: 409.01.01 | Client: San Lorenzo Union School | Page 1 of 1
Logged By: Matt Pawlus | Location: San Lorenzo H.S.
Driller: Vironex | Date Drilled: 6-12-12
Drilling Method: Direct push | Hole Diameter: 1.5"
Sampling Method: " " | Hole Depth: 24'
Casing Type: NA | Well Diameter: NA
Slot Size: NA | Well Depth: NA
Gravel Pack: NA | Casing Stickup: NA
Elevation | Northing | Easting

Boring B-3

EquoLogic

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								FL	Asphalt and baserock; hand auger to 5'
					1			CL	Gravelly sandy CLAY, 60% low plasticity fines, 20% fine sand, 20% gravel damp, NPO
					2				
					3				
					4				(sandy CLAY, 60-70% low plasticity fines, 30 to 40% fine sand stiff damp, NPO)
					5				
					6				(5' to 10' no recovery)
					7				
					8			?	
					9			SM	Silty SAND, dark olive brown, 30-40% low plasticity fines, 60-70% very fine sand, wet, NPO
	▽		∅		10				
					11				
					12			ML	Sandy SILT, dark olive brown, 60-70% low plasticity fines, 30-40% very fine sand, wet
					13				
					14				
			∅		15				
					16				
					17			CL	CLAY, dark olive brown, >90% low plasticity fines, <10% very fine sand, stiff, damp; NPO
					18				
					19				
			∅		20				
					21				
			∅		24				Bottom of Boring

Boring B-4

Boring B-4

Project No: 409.01.01
Logged By: Matt Paulus
Driller: Vironex
Drilling Method: Direct Push
Sampling Method: " "
Casing Type: NA
Slot Size: NA
Gravel Pack: NA

Client: San Lorenzo Union School
Location: San Lorenzo High School
Date Drilled: 6-12-12
Hole Diameter: 1.5"
Hole Depth: 20'
Well Diameter: NA
Well Depth: NA
Casing Stickup: NA

Page 1 of 1

EquoLogic

Elevation | Northing | Easting

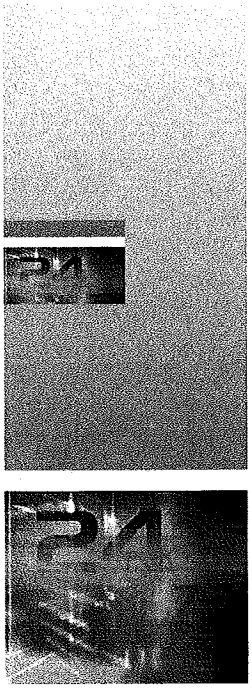
Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
								FL	Asphalt + baserock - hand auger to 5'
					1			CL	CLAY; >90% low plasticity fines stiff, slightly damp; NPO
					2			CL/SC	sandy CLAY / Clayey SAND; v. dark brown; 50% low plasticity fines
					3				
					4			ML	SILT; v. dark brown; >50% low plasticity fines, soft, damp, NPO
			ϕ		5				
					6				
					7				
					8				
					9			SM	Silty SAND; dark gray 60-70% v. fine sand, 30-40% low plasticity fines
			ϕ		10				
	▽				11			ML	SILT (as above) wet
					12			SM	Silty SAND (as above)
					13				
					14			CL	CLAY; dark olive brown; >50% medium plasticity fines, <10% v. fine sand, stiff, NPO
			ϕ		15				
					16				
					17				
					18				
					19				(black with light gray mottling)
			ϕ		20				Bottom of Boring
					21				11' groundwater encountered
					22				

ATTACHMENT C

LABORATORY REPORT

Northern California
ACCUTEST LABORATORIES

07/02/12



Technical Report for

EquoLogic

San Lorenzo High - San Lorenzo, CA

409.01.01

Accutest Job Number: C22290

Sampling Date: 06/12/12

Report to:

EquoLogic
15936 Barry Lane
Monte Sereno, CA 95030
ldooley@equologicgroup.com

ATTN: Lee Dooley

Total number of pages in report: 78

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Kesavalu M. Bagawandoss, Ph.D., J.D., Lab Director

Client Service contact: Nutan Kabir 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Sections: 1 2 3 4 5

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Sample Summary

EquoLogic

Job No: C22290

San Lorenzo High - San Lorenzo, CA
Project No: 409.01.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C22290-1	06/12/12	00:00	MP	06/14/12	SO	Soil	B-1-5'
C22290-2	06/12/12	00:00	MP	06/14/12	SO	Soil	B-1-10'
C22290-3	06/12/12	00:00	MP	06/14/12	SO	Soil	B-1-15'
C22290-4	06/12/12	00:00	MP	06/14/12	SO	Soil	B-1-20'
C22290-5	06/12/12	00:00	MP	06/14/12	AQ	Ground Water	B-1
C22290-6	06/12/12	12:30	MP	06/14/12	SO	Soil	B-2-5'
C22290-7	06/12/12	12:35	MP	06/14/12	SO	Soil	B-2-10'
C22290-8	06/12/12	12:45	MP	06/14/12	SO	Soil	B-2-15'
C22290-9	06/12/12	12:50	MP	06/14/12	SO	Soil	B-2-20'
C22290-10	06/12/12	13:00	MP	06/14/12	SO	Soil	B-2-24'
C22290-11	06/12/12	13:10	MP	06/14/12	AQ	Ground Water	B-2
C22290-12	06/12/12	10:20	MP	06/14/12	SO	Soil	B-3-10'
C22290-13	06/12/12	10:25	MP	06/14/12	SO	Soil	B-3-15'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

EquoLogic

Job No: C22290

San Lorenzo High - San Lorenzo, CA
Project No: 409.01.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C22290-14	06/12/12	10:26	MP	06/14/12	SO	Soil	B-3-20'
C22290-15	06/12/12	10:40	MP	06/14/12	SO	Soil	B-3-24'
C22290-16	06/12/12	11:20	MP	06/14/12	AQ	Ground Water	B-3
C22290-17	06/12/12	11:35	MP	06/14/12	SO	Soil	B-4-5'
C22290-18	06/12/12	11:40	MP	06/14/12	SO	Soil	B-4-10'
C22290-19	06/12/12	11:50	MP	06/14/12	SO	Soil	B-4-15'
C22290-20	06/12/12	11:55	MP	06/14/12	SO	Soil	B-4-20'
C22290-21	06/12/12	12:15	MP	06/14/12	AQ	Ground Water	B-4

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1-5'		
Lab Sample ID:	C22290-1	Date Sampled:	06/12/12
Matrix:	SO - Soil	Date Received:	06/14/12
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M33988.D	1	06/15/12	XB	n/a	n/a	VM1063
Run #2							

	Initial Weight
Run #1	1.06 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	24	2.4	ug/kg	
108-88-3	Toluene	ND	24	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	24	2.4	ug/kg	
1330-20-7	Xylene (total)	17.2	47	4.7	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	24	4.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		60-130%
2037-26-5	Toluene-D8	104%		60-130%
460-00-4	4-Bromofluorobenzene	109%		60-130%

(a) All results reported on a wet weight basis.
(b) Dilution required due to high concentration of non-target hydrocarbons.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1-5'		
Lab Sample ID:	C22290-1	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	HH023318.D	40	06/18/12	JH	06/14/12	OP6109	GHH749
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	1760	400	200	mg/kg	
	TPH (Motor Oil)	1610	800	400	mg/kg	
	TPH (Mineral Spirits)	ND	400	200	mg/kg	
	TPH (Kerosene)	ND	400	200	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	104%		45-140%

(a) All results reported on a wet weight basis.
(b) Pattern is consistent with heating oil.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1-10'		
Lab Sample ID:	C22290-2	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M33994.D	1	06/15/12	XB	n/a	n/a	VM1063
Run #2							

	Initial Weight
Run #1	5.05 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	107%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1-10'		
Lab Sample ID:	C22290-2	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34600.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	54%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1-15'		
Lab Sample ID:	C22290-3	Date Sampled:	06/12/12
Matrix:	SO - Soil	Date Received:	06/14/12
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M33997.D	1	06/15/12	XB	n/a	n/a	VM1063
Run #2							

	Initial Weight
Run #1	5.03 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		60-130%
2037-26-5	Toluene-D8	104%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1-15'		
Lab Sample ID:	C22290-3	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	HH023357.D	1	06/19/12	JH	06/18/12	OP6125	GHH750
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	82%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1-20'		
Lab Sample ID:	C22290-4	Date Sampled:	06/12/12
Matrix:	SO - Soil	Date Received:	06/14/12
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17656.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.03 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1-20'		
Lab Sample ID:	C22290-4	Date Sampled:	06/12/12
Matrix:	SO - Soil	Date Received:	06/14/12
Method:	SW846 8015B M SW846 3545A	Percent Solids:	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34602.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	
	TPH (Mineral Spirits)	ND	9.9	5.0	mg/kg	
	TPH (Kerosene)	ND	9.9	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	64%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1		
Lab Sample ID:	C22290-5	Date Sampled:	06/12/12
Matrix:	AQ - Ground Water	Date Received:	06/14/12
Method:	SW846 8260B	Percent Solids:	n/a
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V07358.D	1	06/26/12	BD	n/a	n/a	VV333
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) Sample vial contained more than 0.5cm of sediment.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-1		
Lab Sample ID:	C22290-5	**Date Sampled:**	06/12/12
Matrix:	AQ - Ground Water	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH023367.D	1	06/19/12	JH	06/19/12	OP6124	GHH750
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	0.157	0.10	0.050	mg/l	
	TPH (Motor Oil)	ND	0.20	0.10	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.050	mg/l	
	TPH (Kerosene)	ND	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	78%		45-140%

(a) Atypical heating oil pattern; possibly weathered.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-5'		
Lab Sample ID:	C22290-6	Date Sampled:	06/12/12
Matrix:	SO - Soil	Date Received:	06/14/12
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17657.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.09 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-5'		
Lab Sample ID:	C22290-6	Date Sampled:	06/12/12
Matrix:	SO - Soil	Date Received:	06/14/12
Method:	SW846 8015B M SW846 3545A	Percent Solids:	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	HH023343.D	1	06/19/12	JH	06/15/12	OP6115	GHH749
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	39.7	20	9.9	mg/kg	
	TPH (Mineral Spirits)	ND	9.9	5.0	mg/kg	
	TPH (Kerosene)	ND	9.9	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	81%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-10'		
Lab Sample ID:	C22290-7	Date Sampled:	06/12/12
Matrix:	SO - Soil	Date Received:	06/14/12
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17658.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.07 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-10'		
Lab Sample ID:	C22290-7	Date Sampled:	06/12/12
Matrix:	SO - Soil	Date Received:	06/14/12
Method:	SW846 8015B M SW846 3545A	Percent Solids:	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34603.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	4.9	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	
	TPH (Mineral Spirits)	ND	9.9	4.9	mg/kg	
	TPH (Kerosene)	ND	9.9	4.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	57%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-15'		
Lab Sample ID:	C22290-8	Date Sampled:	06/12/12
Matrix:	SO - Soil	Date Received:	06/14/12
Method:	SW846 8260B	Percent Solids:	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17659.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.12 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-15'		
Lab Sample ID:	C22290-8	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34604.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	56%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-20'		
Lab Sample ID:	C22290-9	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17660.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.02 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-20'		
Lab Sample ID:	C22290-9	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	HH023344.D	1	06/19/12	JH	06/15/12	OP6115	GHH749
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	41.0	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	82%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-24'		
Lab Sample ID:	C22290-10	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17661.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.03 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2-24'		
Lab Sample ID:	C22290-10	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34605.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2		
Lab Sample ID:	C22290-11	**Date Sampled:**	06/12/12
Matrix:	AQ - Ground Water	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V07359.D	1	06/26/12	BD	n/a	n/a	VV333
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

(a) Sample vial contained more than 0.5cm of sediment.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-2		
Lab Sample ID:	C22290-11	**Date Sampled:**	06/12/12
Matrix:	AQ - Ground Water	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	GG34673.D	1	06/16/12	JH	06/15/12	OP6120	GGG928
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.11	0.053	mg/l	
	TPH (Motor Oil)	ND	0.21	0.11	mg/l	
	TPH (Mineral Spirits)	ND	0.11	0.053	mg/l	
	TPH (Kerosene)	ND	0.11	0.053	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	80%		45-140%

(a) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3-10'		
Lab Sample ID:	C22290-12	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17662.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.03 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	0.99	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3-10'		
Lab Sample ID:	C22290-12	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34606.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	65%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3-15'		
Lab Sample ID:	C22290-13	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17663.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3-15'		
Lab Sample ID:	C22290-13	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34613.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	5.00	9.9	5.0	mg/kg	J
	TPH (Motor Oil)	ND	20	9.9	mg/kg	
	TPH (Mineral Spirits)	ND	9.9	5.0	mg/kg	
	TPH (Kerosene)	ND	9.9	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	62%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3-20'		
Lab Sample ID:	C22290-14	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17664.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.02 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3-20'		
Lab Sample ID:	C22290-14	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34608.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.8	4.9	mg/kg	
	TPH (Motor Oil)	ND	20	9.8	mg/kg	
	TPH (Mineral Spirits)	ND	9.8	4.9	mg/kg	
	TPH (Kerosene)	ND	9.8	4.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	62%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3-24'		
Lab Sample ID:	C22290-15	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17665.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3-24'		
Lab Sample ID:	C22290-15	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34609.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	5.80	9.9	5.0	mg/kg	J
	TPH (Motor Oil)	ND	20	9.9	mg/kg	
	TPH (Mineral Spirits)	ND	9.9	5.0	mg/kg	
	TPH (Kerosene)	ND	9.9	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	58%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3		
Lab Sample ID:	C22290-16	**Date Sampled:**	06/12/12
Matrix:	AQ - Ground Water	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V07360.D	1	06/26/12	BD	n/a	n/a	VV333
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	0.25	1.0	0.20	ug/l	J
1330-20-7	Xylene (total)	0.78	2.0	0.46	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

(a) Sample vial contained more than 0.5cm of sediment.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-3		
Lab Sample ID:	C22290-16	**Date Sampled:**	06/12/12
Matrix:	AQ - Ground Water	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	GG34674.D	1	06/16/12	JH	06/15/12	OP6120	GGG928
Run #2							

	Initial Volume	Final Volume
Run #1	890 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	0.0588	0.11	0.056	mg/l	J
	TPH (Motor Oil)	ND	0.22	0.11	mg/l	
	TPH (Mineral Spirits)	ND	0.11	0.056	mg/l	
	TPH (Kerosene)	ND	0.11	0.056	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	78%		45-140%

(a) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4-5'		
Lab Sample ID:	C22290-17	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17666.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.13 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.97	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4-5'		
Lab Sample ID:	C22290-17	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34610.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	
	TPH (Mineral Spirits)	ND	9.9	5.0	mg/kg	
	TPH (Kerosene)	ND	9.9	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	57%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4-10'		
Lab Sample ID:	C22290-18	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17667.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.18 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.8	0.48	ug/kg	
108-88-3	Toluene	ND	4.8	0.48	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	0.48	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	0.97	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	0.97	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4-10'		
Lab Sample ID:	C22290-18	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34614.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	60%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4-15'		
Lab Sample ID:	C22290-19	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L17668.D	1	06/15/12	XB	n/a	n/a	VL553
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4-15'		
Lab Sample ID:	C22290-19	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34611.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	4.9	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	
	TPH (Mineral Spirits)	ND	9.9	4.9	mg/kg	
	TPH (Kerosene)	ND	9.9	4.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	55%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4-20'		
Lab Sample ID:	C22290-20	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M33998.D	1	06/15/12	XB	n/a	n/a	VM1063
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	0.49	ug/kg	
108-88-3	Toluene	ND	4.9	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	0.98	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		60-130%
2037-26-5	Toluene-D8	108%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) All results reported on a wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4-20'		
Lab Sample ID:	C22290-20	**Date Sampled:**	06/12/12
Matrix:	SO - Soil	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	GG34612.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	9.9	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	9.9	mg/kg	
	TPH (Mineral Spirits)	ND	9.9	5.0	mg/kg	
	TPH (Kerosene)	ND	9.9	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	59%		45-140%

(a) All results reported on a wet weight basis.
(b) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4		
Lab Sample ID:	C22290-21	**Date Sampled:**	06/12/12
Matrix:	AQ - Ground Water	**Date Received:**	06/14/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	V07361.D	1	06/26/12	BD	n/a	n/a	VV333
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) Sample vial contained more than 0.5cm of sediment.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	B-4		
Lab Sample ID:	C22290-21	**Date Sampled:**	06/12/12
Matrix:	AQ - Ground Water	**Date Received:**	06/14/12
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	San Lorenzo High - San Lorenzo, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	GG34675.D	1	06/16/12	JH	06/15/12	OP6120	GGG928
Run #2							

	Initial Volume	Final Volume
Run #1	800 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.13	0.063	mg/l	
	TPH (Motor Oil)	ND	0.25	0.13	mg/l	
	TPH (Mineral Spirits)	ND	0.13	0.063	mg/l	
	TPH (Kerosene)	ND	0.13	0.063	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	79%		45-140%

(a) No heating oil pattern present.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

EQUOCAMS4414

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest NC Job #: C22290

Client / Reporting Information

Company Name: Equologic
Address: 15936 Barry Lane
City: Monte Sereno State: CA Zip: 95030
Project Contact: Lee Dooley
Phone #: 408-656-2505
Sampler's Name: M. Lawby / RFlum

Project Information

Project Name: San Lorenzo High
Street:
City: San Lorenzo State: CA
Project #: 409.01.01
EMAIL: ldooley@EquologicGroup.com
Client Purchase Order #:

Requested Analysis

TPH as Diesel by 8015 w/ Silica Gel Cleanup 0.1
BTEX + MtBE by 8260

Matrix Codes

WW- Wastewater
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Preserved: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPH as Diesel by 8015 w/ Silica Gel Cleanup 0.1	BTEX + MtBE by 8260	LAB USE ONLY
-1	B-1-5'	6.12.12		MV	S	1					1				X	X	
-2	B-1-10'	↓		↓	↓	↓					↓				↓	↓	
-3	B-1-15'																
-4	B-1-20																
-5	B-1	↓		↓	W	5	3				2				↓	↓	

Turnaround Time (Business days)

Approved By:/ Date:

- [X] Standard TAT
- [ ] 3 Day (applicable markup)
- [ ] 2 Day (applicable markup)
- [ ] 1 Day (applicable markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [X] Commercial "B" - Results with QC summaries
- [ ] REDT1 - Level 3 data package
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID:
- Provide EDF Logcode:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1	[signature]	06/14/12 12:15	[signature]	2		2
3			3	4		4
5			5	Custody Seal #	On Ice (Y) N	Number of coolers 1

Cooler Temp: 6.4 - 0.4 = 6.0 °C

1/3

C22290: Chain of Custody
Page 1 of 4

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C22290

Client / Reporting Information

Company Name: Eqwologic
Address: 15936 Bear Lane
City: Monte Sereno State: CA Zip: 95030
Project Contact: Lee Dooley
Phone #: 408-656-2505
Samplers's Name: M. Powers / Ekam

Project Information

Project Name: San Lorenzo High
Street:
City: San Lorenzo State: CA
Project #: 409.01.01
EMAIL: ldooley@Eqwologicgroup.com
Client Purchase Order #:

Requested Analysis

TPH as Diesel w/ silica gel cleanup 8015
BTEX and MTBE by 8260

Matrix Codes

WW- Wastewater
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	HNO3	H2SO4	NONE	NaHSO4	NaOH	ENCORE	LAB USE ONLY
-6	B-2-5'	6/12/12	1230	MP	S	1				1				
-7	B-2-10'		1235											
-8	B-2-15'		1245											
-9	B-2-20'		1250											
-10	B-2-24'		1300											
-11	B-2		1310		W	5	3			2				

Turnaround Time (Business days)

Approved By:/ Date:

- [X] Standard TAT
- [ ] 3 Day (applicable markup)
- [ ] 2 Day (applicable markup)
- [ ] 1 Day (applicable markup)

Data Deliverable Information

- [ ] Commercial "B" - Results with QC summaries
- [ ] REDT1- Level 3 data package
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID:
- Provide EDF Logcode:

Comments / Remarks

Emergency T/A data available VIA Labiink

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		06/14/12 12:15		2		
3				4		
5				Custody Seal #	On Ice (Y) / N	Number of cooler Temp. 6.4-0.4=6.0 °C

2/3

C22290: Chain of Custody
Page 2 of 4

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest NC Job #: C C22290

Client / Reporting Information

Company Name: Equalogic
Address: 15436 Berry Cane
City: Monte Sereno State: CA Zip: 95030
Project Contact: Lee Dooley
Phone #: 408-656-3505
Samplers's Name: M. Pawlus IBKm

Project Information

Project Name: San Lorenzo High
Street:
City: San Lorenzo State: CA
Project #: 409.01.01
EMAIL: ldooley@Equalogic Group.com
Client Purchase Order #:

Requested Analysis

TPH as heating 0:1
BTEX + MTBE by 8260

Matrix Codes

WW- Wastewater
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	LAB USE ONLY
-12	B-3-10'	6.12.12	1020	MP	S	1					1				
-13	B-3-15'		1025												
-14	B-3-20'		1026												
-15	B-3-24'		1040												
-16	B-3		1120		W	5	3				2				
-17	B-4-5'	6.12.12	1135	MP	S	1					1				
-18	B-4-10'		1140												
-19	B-4-15'		1150												
-20	B-4-20'		1155												
-21	B-4		1215		W	5	3				2				

Turnaround Time (Business days)

Approved By:/ Date:

- [x] Standard TAT
- [ ] 3 Day (applicable markup)
- [ ] 2 Day (applicable markup)
- [ ] 1 Day (applicable markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "B" - Results with QC summaries
- [ ] REDT1 - Level 3 data package
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID:
- Provide EDF Logcode:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		06/14/12 12:15	1	2		2
3	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
			3	4		4
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	On Ice Y / N	Number of coolers	Cooler Temp. °C
			5				

3/3

C22290: Chain of Custody
Page 3 of 4

Accutest Laboratories Northern California Sample Receiving Check List

Job#: C22290 Initial: LS

Review Chain of Custody — Chain of Custody is to be complete and legible.

- ☑ Are these regulatory (NPDES) samples? CWA — (Yes) / No
- ☑ Is pH requested? — Yes / (No)
  - ☐ Was Client informed that hold time is 15 min? Yes / No — Continue Yes / No
  - ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No — Continue Yes / No
- ☑ Are sample within hold time? — (Yes) / No
  - Are sample in danger of exceeding hold-time — Yes / (No)
- ☑ Existing Client? (Yes) / No — Existing Project? — Yes / (No)
  - If No: Is Report to info complete and legible, including;
    - ☑ deliverable ☑ Name ☑ Address ☑ phone ☑ e-mail on file
    - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact ☐ address ☐ phone ☐ e-mail
    - Is Contact and/or Project Manager identified, including;
    - ☑ phone ☑ e-mail
    - ☑ Project name / number
- ☑ Special requirements? — Yes / (No)
- ☑ Sample IDs / date & time of collection provided? — (Yes) / No
- ☑ Is Matrix listed and correct? — (Yes) / No
- ☑ Analyses listed, we do, or client has authorized a subcontract? — (Yes) / No
- ☑ Chain is signed and dated by both client and sample custodian? — (Yes) / No
- ☑ TAT requested available? (Yes) / No — Approved by pm

Review Coolers:

- ☑ Were all Coolers temperatures measured at ≤6°C? — (Yes) / No
  - If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ☑ Are samples on Ice? — (Yes) / No

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- ☑ Shipment Received Method Walk in
- ☑ Custody Seals: Present: Yes / (No) — If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- ☑ Chain matches bottle labels? (Yes) / No — ☑ Sample bottle intact? (Yes) / No
- ☑ Is there enough sample volume in proper bottle for requested analyses? (Yes) / No
- ☑ Proper Preservatives? (Yes) / No
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- ☑ Headspace-VOAs? Greater than 6mm in diameter — Yes / (No)
  - List sample ID and affected container

Client Sample ID	pH Check	Other Comments/Issues
1-4, 6-10		1x Acetate Sleeve.
12-15, 17-20		
5, 11, 16, 21		3x 40ml vial w/HCL
		2x 1000ml ag w/ n.p.

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

C22290: Chain of Custody
Page 4 of 4

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL553-MB	L17652.D	1	06/15/12	XB	n/a	n/a	VL553

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22290-4, C22290-6, C22290-7, C22290-8, C22290-9, C22290-10, C22290-12, C22290-13, C22290-14, C22290-15, C22290-17, C22290-18, C22290-19

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	93%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	96%	60-130%

Method Blank Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1063-MB	M33980.D	1	06/15/12	XB	n/a	n/a	VM1063

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22290-1, C22290-2, C22290-3, C22290-20

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	60-130%
2037-26-5	Toluene-D8	106%	60-130%
460-00-4	4-Bromofluorobenzene	101%	60-130%

Method Blank Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV333-MB	V07357.D	1	06/26/12	BD	n/a	n/a	VV333

The QC reported here applies to the following samples: **Method: SW846 8260B**

C22290-5, C22290-11, C22290-16, C22290-21

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.46	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	60-130%
2037-26-5	Toluene-D8	101%	60-130%
460-00-4	4-Bromofluorobenzene	99%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL553-BS	L17649.D	1	06/15/12	XB	n/a	n/a	VL553
VL553-BSD	L17650.D	1	06/15/12	XB	n/a	n/a	VL553

The QC reported here applies to the following samples: **Method: SW846 8260B**

C22290-4, C22290-6, C22290-7, C22290-8, C22290-9, C22290-10, C22290-12, C22290-13, C22290-14, C22290-15, C22290-17, C22290-18, C22290-19

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	41.2	103	41.7	104	1	60-130/30
100-41-4	Ethylbenzene	40	43.1	108	43.7	109	1	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	39.1	98	38.8	97	1	60-130/30
108-88-3	Toluene	40	42.8	107	43.3	108	1	60-130/30
1330-20-7	Xylene (total)	120	129	108	132	110	2	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	100%	98%	60-130%
2037-26-5	Toluene-D8	101%	101%	60-130%
460-00-4	4-Bromofluorobenzene	98%	99%	60-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1063-BS	M33977.D	1	06/15/12	XB	n/a	n/a	VM1063
VM1063-BSD	M33978.D	1	06/15/12	XB	n/a	n/a	VM1063

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22290-1, C22290-2, C22290-3, C22290-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	38.3	96	39.2	98	2	60-130/30
100-41-4	Ethylbenzene	40	41.4	104	42.0	105	1	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	40.1	100	39.5	99	2	60-130/30
108-88-3	Toluene	40	40.1	100	40.7	102	1	60-130/30
1330-20-7	Xylene (total)	120	125	104	126	105	1	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	105%	105%	60-130%
2037-26-5	Toluene-D8	102%	103%	60-130%
460-00-4	4-Bromofluorobenzene	101%	99%	60-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV333-BS	V07353.D	1	06/26/12	BD	n/a	n/a	VV333
VV333-BSD	V07355.D	1	06/26/12	BD	n/a	n/a	VV333

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22290-5, C22290-11, C22290-16, C22290-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	17.1	86	18.7	94	9	60-130/30
100-41-4	Ethylbenzene	20	16.9	85	18.7	94	10	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	18.6	93	18.7	94	1	60-130/30
108-88-3	Toluene	20	16.5	83	18.7	94	13	60-130/30
1330-20-7	Xylene (total)	60	50.9	85	56.9	95	11	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	110%	106%	60-130%
2037-26-5	Toluene-D8	97%	100%	60-130%
460-00-4	4-Bromofluorobenzene	104%	104%	60-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM1063-LCS	M33979.D	1	06/15/12	XB	n/a	n/a	VM1063

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22290-1, C22290-2, C22290-3, C22290-20

CAS No.	Compound	Spike ug/kg	LCS ug/kg	LCS %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	60-130%
2037-26-5	Toluene-D8	104%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

* = Outside of Control Limits.

Laboratory Control Sample Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VV333-LCS	V07356.D	1	06/26/12	BD	n/a	n/a	VV333

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22290-5, C22290-11, C22290-16, C22290-21

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C22299-6MS	M33995.D	1	06/15/12	XB	n/a	n/a	VM1063
C22299-6MSD	M33996.D	1	06/15/12	XB	n/a	n/a	VM1063
C22299-6	M33991.D	1	06/15/12	XB	n/a	n/a	VM1063

The QC reported here applies to the following samples: **Method:** SW846 8260B

C22290-1, C22290-2, C22290-3, C22290-20

CAS No.	Compound	C22299-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		38.9	35.4	91	34.1	88	4	60-130/30
100-41-4	Ethylbenzene	ND		38.9	37.4	96	35.3	91	6	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		38.9	43.7	112	42.3	109	3	60-130/30
108-88-3	Toluene	ND		38.9	36.6	94	34.4	89	6	60-130/30
1330-20-7	Xylene (total)	ND		117	101	87	95.5	82	6	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C22299-6	Limits
1868-53-7	Dibromofluoromethane	104%	107%	99%	60-130%
2037-26-5	Toluene-D8	103%	102%	104%	60-130%
460-00-4	4-Bromofluorobenzene	103%	101%	98%	60-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C22290-10MS	L17670.D	1	06/15/12	XB	n/a	n/a	VL553
C22290-10MSD	L17671.D	1	06/15/12	XB	n/a	n/a	VL553
C22290-10	L17661.D	1	06/15/12	XB	n/a	n/a	VL553

The QC reported here applies to the following samples: **Method: SW846 8260B**

C22290-4, C22290-6, C22290-7, C22290-8, C22290-9, C22290-10, C22290-12, C22290-13, C22290-14, C22290-15, C22290-17, C22290-18, C22290-19

CAS No.	Compound	C22290-10 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.1	33.0	84	32.3	83	2	60-130/30
100-41-4	Ethylbenzene	ND		39.1	33.9	87	33.0	85	3	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.1	37.0	95	36.3	93	2	60-130/30
108-88-3	Toluene	ND		39.1	33.9	87	33.0	85	3	60-130/30
1330-20-7	Xylene (total)	ND		117	102	87	99.0	85	3	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C22290-10	Limits
1868-53-7	Dibromofluoromethane	101%	103%	99%	60-130%
2037-26-5	Toluene-D8	100%	100%	101%	60-130%
460-00-4	4-Bromofluorobenzene	101%	101%	99%	60-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C22290-21MS	V07371.D	1	06/26/12	BD	n/a	n/a	VV333
C22290-21MSD	V07372.D	1	06/26/12	BD	n/a	n/a	VV333
C22290-21 [a]	V07361.D	1	06/26/12	BD	n/a	n/a	VV333

The QC reported here applies to the following samples: **Method: SW846 8260B**

C22290-5, C22290-11, C22290-16, C22290-21

CAS No.	Compound	C22290-21 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	21.1	106	22.2	111	5	60-130/25
100-41-4	Ethylbenzene	ND		20	20.2	101	21.2	106	5	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	22.6	113	24.9	125	10	60-130/25
108-88-3	Toluene	ND		20	20.2	101	21.1	106	4	60-130/25
1330-20-7	Xylene (total)	ND		60	61.7	103	63.9	107	4	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C22290-21	Limits
1868-53-7	Dibromofluoromethane	106%	107%	114%	60-130%
2037-26-5	Toluene-D8	97%	97%	99%	60-130%
460-00-4	4-Bromofluorobenzene	102%	103%	103%	60-130%

(a) Sample vial contained more than 0.5cm of sediment.

* = Outside of Control Limits.

Northern California
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LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6109-MB	HH023160.D	1	06/14/12	JH	06/14/12	OP6109	GHH746

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	78%	45-140%

Method Blank Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6115-MB	GG34597.D	1	06/15/12	JH	06/15/12	OP6115	GGG927

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-2, C22290-4, C22290-6, C22290-7, C22290-8, C22290-9, C22290-10, C22290-12, C22290-13, C22290-14, C22290-15, C22290-17, C22290-18, C22290-19, C22290-20

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	71%	45-140%

Method Blank Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6120-MB	GG34669.D	1	06/16/12	JH	06/15/12	OP6120	GGG928

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-11, C22290-16, C22290-21

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.050	mg/l	
	TPH (Motor Oil)	ND	0.20	0.10	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.050	mg/l	
	TPH (Kerosene)	ND	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	82%	45-140%

Method Blank Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6124-MB	HH023301.D	1	06/18/12	JH	06/18/12	OP6124	GHH749

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.050	mg/l	
	TPH (Motor Oil)	ND	0.20	0.10	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.050	mg/l	
	TPH (Kerosene)	ND	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	73%	45-140%

Method Blank Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6125-MB	HH023353.D	1	06/19/12	JH	06/18/12	OP6125	GHH750

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	10	5.0	mg/kg	
	TPH (Motor Oil)	ND	20	10	mg/kg	
	TPH (Mineral Spirits)	ND	10	5.0	mg/kg	
	TPH (Kerosene)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	104%	45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6115-BS	GG34598.D	1	06/15/12	JH	06/15/12	OP6115	GGG927
OP6115-BSD	GG34599.D	1	06/15/12	JH	06/15/12	OP6115	GGG927

The QC reported here applies to the following samples: **Method: SW846 8015B M**

C22290-2, C22290-4, C22290-6, C22290-7, C22290-8, C22290-9, C22290-10, C22290-12, C22290-13, C22290-14, C22290-15, C22290-17, C22290-18, C22290-19, C22290-20

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	100	56.2	56	58.8	59	5	45-140/30
	TPH (Motor Oil)	100	70.8	71	71.0	71	0	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	71%	70%	45-140%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6120-BS	GG34670.D	1	06/16/12	JH	06/15/12	OP6120	GGG928
OP6120-BSD	GG34671.D	1	06/16/12	JH	06/15/12	OP6120	GGG928

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-11, C22290-16, C22290-21

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	1	0.750	75	0.716	72	5	45-140/30
	TPH (Motor Oil)	1	0.802	80	0.806	81	0	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	81%	80%	45-140%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6124-BS	HH023302.D	1	06/18/12	JH	06/18/12	OP6124	GHH749
OP6124-BSD	HH023303.D	1	06/18/12	JH	06/18/12	OP6124	GHH749

The QC reported here applies to the following samples: Method: SW846 8015B M

C22290-5

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	1	0.713	71	0.635	64	12	45-140/30
	TPH (Motor Oil)	1	0.754	75	0.680	68	10	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	92%	87%	45-140%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6125-BS	HH023354.D	1	06/19/12	JH	06/18/12	OP6125	GHH750
OP6125-BSD	HH023355.D	1	06/19/12	JH	06/18/12	OP6125	GHH750

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	100	73.4	73	70.3	70	4	45-140/30
	TPH (Motor Oil)	100	92.5	93	89.6	90	3	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	105%	105%	45-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6109-MS	HH023377.D	1	06/19/12	JH	06/14/12	OP6109	GHH750
OP6109-MSD	HH023378.D	1	06/19/12	JH	06/14/12	OP6109	GHH750
C22276-2	HH023165.D	1	06/14/12	JH	06/14/12	OP6109	GHH746

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-1

CAS No.	Compound	C22276-2 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	ND		99.9	63.9	64	61.4	62	4	45-140/30
	TPH (Motor Oil)	ND		99.9	82.5	83	76.2	77	8	45-140/30

CAS No.	Surrogate Recoveries	MS	MSD	C22276-2	Limits
630-01-3	Hexacosane	98%	95%	84%	45-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6115-MS	GG34615.D	1	06/16/12	JH	06/15/12	OP6115	GGG927
OP6115-MSD	GG34616.D	1	06/16/12	JH	06/15/12	OP6115	GGG927
C22290-10 [a]	GG34605.D	1	06/15/12	JH	06/15/12	OP6115	GGG927

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-2, C22290-4, C22290-6, C22290-7, C22290-8, C22290-9, C22290-10, C22290-12, C22290-13, C22290-14, C22290-15, C22290-17, C22290-18, C22290-19, C22290-20

CAS No.	Compound	C22290-10 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	ND		99.9	54.2	54	51.4	52	5	45-140/30
	TPH (Motor Oil)	ND		99.9	60.2	60	56.3	56	7	45-140/30

CAS No.	Surrogate Recoveries	MS	MSD	C22290-10	Limits
630-01-3	Hexacosane	63%	58%	70%	45-140%

(a) No heating oil pattern present.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C22290
Account: EQUOCAMS EquoLogic
Project: San Lorenzo High - San Lorenzo, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP6124-MS	HH023379.D	1	06/19/12	JH	06/18/12	OP6124	GHH750
OP6124-MSD	HH023380.D	1	06/19/12	JH	06/18/12	OP6124	GHH750
C22314-1	HH023368.D	1	06/19/12	JH	06/18/12	OP6124	GHH750

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C22290-5

CAS No.	Compound	C22314-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	ND		1.89	0.903	48	0.860	46	5	45-140/25
	TPH (Motor Oil)	ND		1.89	0.957	51	0.902	48	6	45-140/25

CAS No.	Surrogate Recoveries	MS	MSD	C22314-1	Limits
630-01-3	Hexacosane	78%	76%	71%	45-140%

* = Outside of Control Limits.