

Project No.

4729.3.002.01

3/9/01 - Ask Bill F. to check w/ lab
to see if chromatograms indicate the
presence of MTBE.

February 26, 2001

Mr. George Muniz
Livermore Valley Joint Unified School District
685 East Jack London Boulevard
Livermore, CA 94550

MAR 09 2001

Subject: Del Valle High School
2253 Fifth Street
Livermore, California

REPORT ON GROUND-WATER SAMPLING

Dear Mr. Muniz:

ENGEO Incorporated is pleased to provide the results from the most recent sampling and laboratory testing of the existing ground-water monitoring well located at 2253 Fifth Street in Livermore, California. This report presents the results of the February 2001 sampling event. The scope of services included the following:

- Purging of the monitoring well with the recovery of a ground-water sample.
- Laboratory analysis of the ground-water sample.
- Preparation of this letter report.

GROUND-WATER SAMPLING

Field work was conducted on February 6, 2001. Prior to sampling, the depth to ground water was verified, and more than four casing volumes of water were removed from the well. The monitoring well was purged using a submersible electric pump. Water-quality parameters including temperature, pH and conductivity were monitored to allow for adequate purging. The ground-water sample was collected for laboratory testing using a disposable polyethylene bailer. The sample was then decanted into pre-cleaned laboratory glassware and cooled in an ice chest until delivery under a documented chain of custody to Chromalab, Inc., in Pleasanton, California. The well-sampling information form and the chain of custody are provided as an attachment.

LABORATORY ANALYSIS

The ground-water samples were tested for polynuclear aromatic hydrocarbons (PNAs) (EPA 8270A), total volatile petroleum hydrocarbons (TVPH), total extractable petroleum hydrocarbons (TEPH), BTEX and polychlorinated biphenyl's (PCBs) (EPA 8082). Table I provides a summary of the laboratory test results for the monitoring well.

TABLE I
Laboratory Analysis Summary
(Concentrations reported in parts per billion)

Date	DTW	PCBs	PNA	TVPH	TEPH	B	T	E	X
2/13/01	32.9	ND	ND	ND	79	ND	ND	ND	ND
10/13/00	30.8	ND	ND	ND	78	ND	ND	ND	1.2
6/1/00	25.8	ND	ND	ND	ND	ND	ND	ND	ND

DTW: Depth to water (ft.) measured from top of casing (TOC).
ND: Not detected above laboratory reporting limit

Based on a review of the sampling events conducted to date, there appears to be no appreciable impact to site ground water. ENGEO recommends that formal site closure be requested from the Alameda County Department of Environmental Health (ACDEH). With your authorization, a copy of this report has been provided to Ms. Eva Chu with the ACDEH.

We appreciate the opportunity to be of continued service to you on this project. If you have any questions, please contact us.

Very truly yours,

ENGEO INCORPORATED



William Fagundes
Staff Geologist
wf/hg:groundwtr

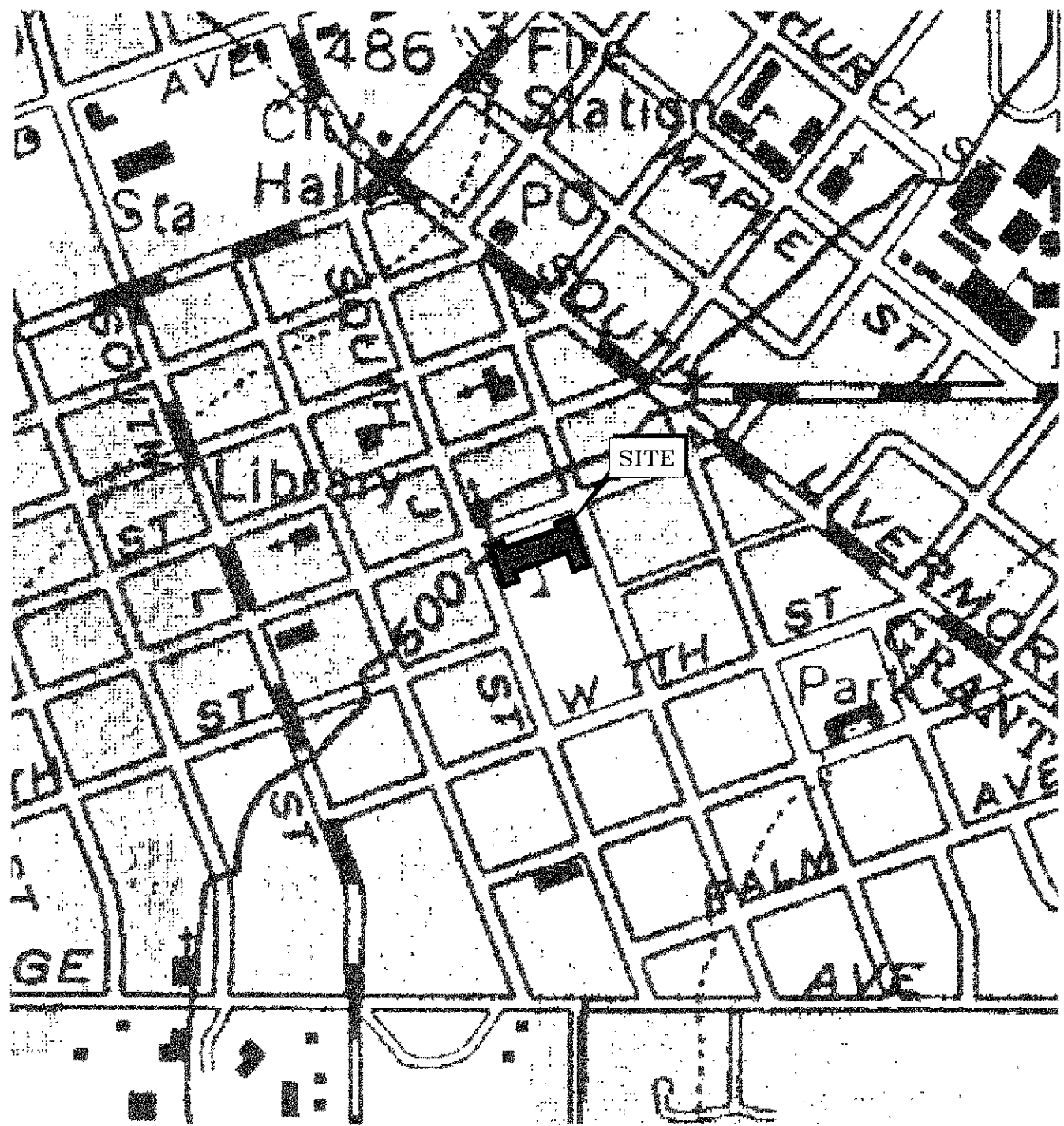
Reviewed by:


Shawn Munger
Principal - CHG 413

Attachments: Figure 1 - Site Vicinity Map
Figure 2 - Site Plan and Monitoring Well Location
Ground-Water Sampling Information Form
Chromalab, Inc., Report
Chain-of-Custody

cc: 1 - Alameda County Department of Environmental Health, Ms. Eva Chu
2 - Livermore - Pleasanton Fire Department, Ms. Danielle Stefani

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BASE MAP SOURCE: U.S.G.S.



SITE VICINITY MAP
DEL VALLE CONTINUATION HIGH SCHOOL
LIVERMORE, CALIFORNIA

PROJECT NO.: 4729.3.002.01

DATE: FEBRUARY 2001

DRAWN BY: CHECKED BY:

N.T.S.

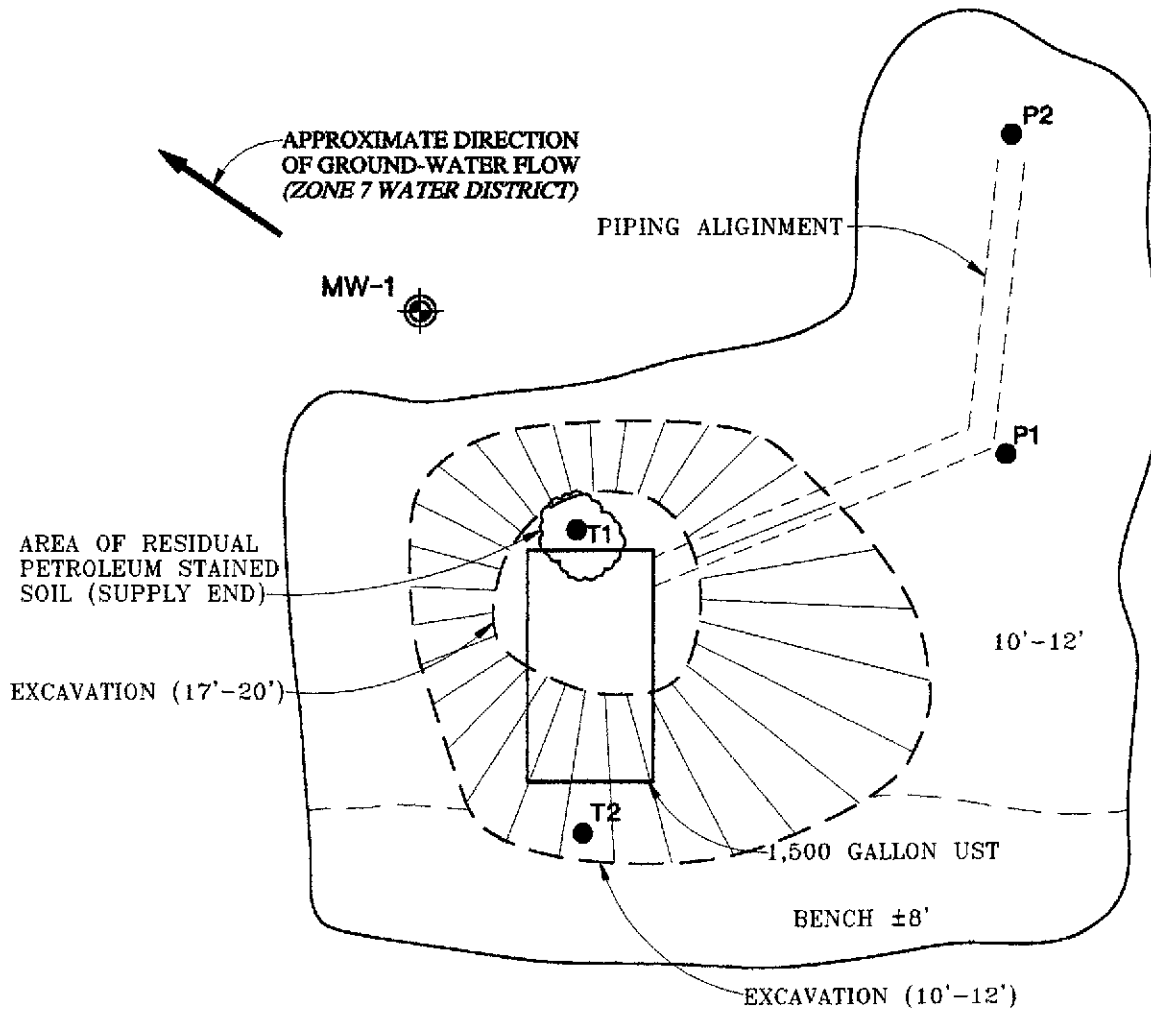
FIGURE NO.

1


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SCHOOL BUILDING

(BASEMENT)



EXPLANATION

MW-1  APPROXIMATE LOCATION OF MONITORING WELL



SITE PLAN AND MONITORING WELL LOCATION
DEL VALLE CONTINUATION HIGH SCHOOL
2253 5TH STREET
LIVERMORE, CALIFORNIA

PROJECT NO.: 4729.3.002.01

DATE: FEBRUARY 2001



DRAWN BY:  CHECKED BY: 

FIGURE NO.

2

**ENGEO INCORPORATED
GROUND-WATER SAMPLING INFORMATION**

Job Name: Del Valle Continuation High School

Job Number: 4729.3.002.02

Location: Livermore

Date: February 6, 2001

Client: Livermore Valley Joint Unified School District

By: Bill Fagundes

WELL INFORMATION

Well Number: MW-1

Diameter (in): 2 inches

Total Depth (ft): 49.41 feet

Screen Length: 21.5 feet

Depth to Water (ft): 32.89 feet (TOC)

Casing Volume (gal): 2.8

PURGING INFORMATION

Bailer: Pump: X Rate: 0.5 gpm

Time: (init./fin) 1436/1505

Volume Removed (gal): 12

No. of Casing Vol: 4.3

Time	Volume Removed (Gal.)	Total Casing Volumes	Temp°F	Conc (µmohs/cm)	pH	Comments
1436	-	-	-	-	-	initial, slightly turbid
1444	3	1.0	62.4	725	7.12	slightly turbid
1451	6	2.1	62.9	755	7.09	slightly turbid
1458	9	3.2	64.5	755	7.14	slightly turbid
1505	12	4.3	65.1	758	7.15	slightly turbid

SAMPLE INFORMATION

Bailer: X Pump: Rate: (gpm)

Decon Procedure: TSP: OR Alquinox: X

Dist. H₂O

Disposable

Other

Sample	Time	Size	Presv.	Test	Comments
MW-1	1530	5 liter, 3 40ml	ice/ HCl	EPA 8015, 8015M, 8270, 8082	slightly turbid

Engeo, Inc.
2401 Crow Canyon Road, Suite 200
San Ramon, CA 94583-1545

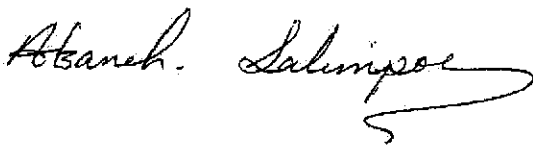
Attn.: Bill Fagundes

Project: 4729.3.002.02
Del Valle High School

Attached is our report for your samples received on Tuesday February 6, 2001
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after March 23, 2001
unless you have requested otherwise. We appreciate the opportunity to be of service to you.
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.
My email address is: asalimpour@chromalab.com

Sincerely,



Afsaneh Salimpour

PNA analysis by 8270A

Engeo, Inc.	✉ 2401 Crow Canyon Road, Suite 200 San Ramon, CA 94583-1545
Attn: Bill Fagundes	Phone: (925) 838-1600 Fax: (925) 838-7425
Project #: 4729.3.002.02	Project: Del Valle High School

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
MW-1	Water	02/06/2001 15:30	1

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-02-0081

To: **Engeo, Inc.**
Attn.: Bill Fagundes

Test Method: 8270A
Prep Method: 3510/8270A

PNA analysis by 8270A

Sample ID: MW-1	Lab Sample ID: 2001-02-0081-001
Project: 4729.3.002.02 Del Valle High School	Received: 02/06/2001 16:15
Sampled: 02/06/2001 15:30	Extracted: 02/07/2001 10:38
Matrix: Water	QC-Batch: 2001/02/07-01.11
Sample/Analysis Flag r l (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Naphthalene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Acenaphthylene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Acenaphthene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Fluorene	ND	7.1	ug/L	1.43	02/07/2001 16:40	
Phenanthrene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Anthracene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Fluoranthene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Pyrene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Benzo(a)anthracene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Chrysene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Benzo(b)fluoranthene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Benzo(k)fluoranthene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Benzo(a)pyrene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Indeno(1,2,3-c,d)pyrene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Dibenzo(a,h)anthracene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Benzo(g,h,i)perylene	ND	2.9	ug/L	1.43	02/07/2001 16:40	
Surrogate(s)						
Nitrobenzene-d5	79.7	35-114	%	1.43	02/07/2001 16:40	
2-Fluorobiphenyl	69.8	43-116	%	1.43	02/07/2001 16:40	
p-Terphenyl-d14	81.4	33-141	%	1.43	02/07/2001 16:40	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: Engeo, Inc.
Attn.: Bill Fagundes

Test Method: 8270A
Prep Method: 3510/8270A

Batch QC Report
PNA analysis by 8270A

Method Blank	Water	QC Batch # 2001/02/07-01.11
MB: 2001/02/07-01.11-009		Date Extracted: 02/07/2001 10:38

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Naphthalene	ND	2.0	ug/L	02/07/2001 13:48	
Acenaphthylene	ND	2.0	ug/L	02/07/2001 13:48	
Acenaphthene	ND	2.0	ug/L	02/07/2001 13:48	
Fluorene	ND	5.0	ug/L	02/07/2001 13:48	
Phenanthrene	ND	2.0	ug/L	02/07/2001 13:48	
Anthracene	ND	2.0	ug/L	02/07/2001 13:48	
Fluoranthene	ND	2.0	ug/L	02/07/2001 13:48	
Pyrene	ND	2.0	ug/L	02/07/2001 13:48	
Benzo(a)anthracene	ND	2.0	ug/L	02/07/2001 13:48	
Chrysene	ND	2.0	ug/L	02/07/2001 13:48	
Benzo(b)fluoranthene	ND	2.0	ug/L	02/07/2001 13:48	
Benzo(k)fluoranthene	ND	2.0	ug/L	02/07/2001 13:48	
Benzo(a)pyrene	ND	2.0	ug/L	02/07/2001 13:48	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	02/07/2001 13:48	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	02/07/2001 13:48	
Benzo(g,h,i)perylene	ND	2.0	ug/L	02/07/2001 13:48	
Surrogate(s)					
Nitrobenzene-d5	73.6	35-114	%	02/07/2001 13:48	
2-Fluorobiphenyl	63.2	43-116	%	02/07/2001 13:48	
p-Terphenyl-d14	76.8	33-141	%	02/07/2001 13:48	

To: **Engeo, Inc.**
 Attn: Bill Fagundes

Test Method: 8270A
 Prep Method: 3510/8270A

Batch QC Report

PNA analysis by 8270A

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2001/02/07-01.11
LCS: 2001/02/07-01.11-007	Extracted: 02/07/2001 10:38	Analyzed 02/07/2001 14:28
LCSD: 2001/02/07-01.11-008	Extracted: 02/07/2001 10:38	Analyzed 02/07/2001 15:09

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Acenaphthene	27.4	22.9	30.0	30.0	91.3	76.3	17.9	56-118	30		
Pyrene	26.9	24.2	30.0	30.0	89.7	80.7	10.6	52-115	35		
Surrogate(s)											
Nitrobenzene-d5	19.6	15.8	25	25	78.4	63.2		35-114			
2-Fluorobiphenyl	18.0	15.0	25	25	72.0	60.0		43-116			
p-Terphenyl-d14	21.9	19.9	25	25	87.6	79.6		33-141			

To: **Engeo, Inc.**
Attn: Bill Fagundes

Test Method: 8270A
Prep Method: 3510/8270A

Legend & Notes

PNA analysis by 8270A

Analysis Flags

rl

Reporting limits raised due to reduced sample size.

Gas/BTEX

Engeo, Inc.	✉ 2401 Crow Canyon Road, Suite 200 San Ramon, CA 94583-1545
Attn: Bill Fagundes	Phone: (925) 838-1600 Fax: (925) 838-7425
Project #: 4729.3.002.02	Project: Del Valle High School

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
MW-1	Water	02/06/2001 15:30	1

To: **Engeo, Inc.**

Test Method: 8020
8015M

Attn.: Bill Fagundes

Prep Method: 5030

Gas/BTEX

Sample ID: MW-1	Lab Sample ID: 2001-02-0081-001
Project: 4729.3.002.02 Del Valle High School	Received: 02/06/2001 16:15
Sampled: 02/06/2001 15:30	Extracted: 02/09/2001 00:18
Matrix: Water	QC-Batch: 2001/02/08-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	02/09/2001 00:18	
Benzene	ND	0.50	ug/L	1.00	02/09/2001 00:18	
Toluene	ND	0.50	ug/L	1.00	02/09/2001 00:18	
Ethyl benzene	ND	0.50	ug/L	1.00	02/09/2001 00:18	
Xylene(s)	ND	0.50	ug/L	1.00	02/09/2001 00:18	
Surrogate(s)						
Trifluorotoluene	85.1	58-124	%	1.00	02/09/2001 00:18	
4-Bromofluorobenzene-FID	70.8	50-150	%	1.00	02/09/2001 00:18	

To: **Engeo, Inc.**
Attn.: Bill Fagundes

Test Method: 8015M
8020
Prep Method: 5030

Batch QC Report
Gas/BTEX

Method Blank	Water	QC Batch # 2001/02/08-01.02
MB: 2001/02/08-01.02-008		Date Extracted: 02/08/2001 11:02

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	02/08/2001 11:02	
Benzene	ND	0.5	ug/L	02/08/2001 11:02	
Toluene	ND	0.5	ug/L	02/08/2001 11:02	
Ethyl benzene	ND	0.5	ug/L	02/08/2001 11:02	
Xylene(s)	ND	0.5	ug/L	02/08/2001 11:02	
Surrogate(s)					
Trifluorotoluene	113.5	58-124	%	02/08/2001 11:02	
4-Bromofluorobenzene-FID	87.7	50-150	%	02/08/2001 11:02	

To: **Engeo, Inc.**
 Attn: Bill Fagundes

Test Method: 8020
 Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2001/02/08-01.02
LCS: 2001/02/08-01.02-004	Extracted: 02/08/2001 08:39	Analyzed 02/08/2001 08:39
LCSD: 2001/02/08-01.02-005	Extracted: 02/08/2001 09:15	Analyzed 02/08/2001 09:15

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	91.4	93.7	100.0	100.0	91.4	93.7	2.5	77-123	20		
Toluene	85.9	87.6	100.0	100.0	85.9	87.6	2.0	78-122	20		
Ethyl benzene	93.4	95.5	100.0	100.0	93.4	95.5	2.2	70-130	20		
Xylene(s)	264	271	300	300	88.0	90.3	2.6	75-125	20		
Surrogate(s)											
Trifluorotoluene	455	465	500	500	91.0	93.0		58-124			

To: Engeo, Inc.

Test Method: 8015M
8020

Attn: Bill Fagundes

Prep Method: 5030

Batch QC Report

Gas/BTEX

Laboratory Control Spike (LCS/LCSD)		Water		QC Batch # 2001/02/08-01.02	
LCS:	2001/02/08-01.02-006	Extracted:	02/08/2001 09:51	Analyzed	02/08/2001 09:51
LCSD:	2001/02/08-01.02-007	Extracted:	02/08/2001 10:27	Analyzed	02/08/2001 10:27

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	443	469	500	500	88.6	93.8	5.7	75-125	20		
Surrogate(s) 4-Bromofluorobenzene-FI	423	461	500	500	84.6	92.2		50-150			

PCBs

Engeo, Inc.	✉ 2401 Crow Canyon Road, Suite 200 San Ramon, CA 94583-1545
Attn: Bill Fagundes	Phone: (925) 838-1600 Fax: (925) 838-7425
Project #: 4729.3.002.02	Project: Del Valle High School

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
MW-1	Water	02/06/2001 15:30	1

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-02-0081

To: **Engeo, Inc.**
Attn.: Bill Fagundes

Test Method: 8082
Prep Method: 3510/8082

PCBs

Sample ID: MW-1	Lab Sample ID: 2001-02-0081-001
Project: 4729.3.002.02 Del Valle High School	Received: 02/06/2001 16:15
Sampled: 02/06/2001 15:30	Extracted: 02/07/2001 13:26
Matrix: Water	QC-Batch: 2001/02/07-03.14
Sample/Analysis Flag r/ (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Aroclor 1016	ND	0.74	ug/L	1.47	02/08/2001 14:15	
Aroclor 1221	ND	0.74	ug/L	1.47	02/08/2001 14:15	
Aroclor 1232	ND	0.74	ug/L	1.47	02/08/2001 14:15	
Aroclor 1242	ND	0.74	ug/L	1.47	02/08/2001 14:15	
Aroclor 1248	ND	0.74	ug/L	1.47	02/08/2001 14:15	
Aroclor 1254	ND	0.74	ug/L	1.47	02/08/2001 14:15	
Aroclor 1260	ND	0.74	ug/L	1.47	02/08/2001 14:15	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	63.1	62-123	%	1.47	02/08/2001 14:15	
Decachlorobiphenyl (PCB/8082)	41.8	56-136	%	1.47	02/08/2001 14:15	s

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-02-0081

To: **Engeo, Inc.**
Attn.: Bill Fagundes

Test Method: 8082
Prep Method: 3510/8082

Batch QC Report PCBs

Method Blank	Water	QC Batch # 2001/02/07-03.14
MB: 2001/02/07-03.14-001		Date Extracted: 02/07/2001 13:26

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Aroclor 1016	ND	0.5	ug/L	02/08/2001 12:59	
Aroclor 1221	ND	0.5	ug/L	02/08/2001 12:59	
Aroclor 1232	ND	0.5	ug/L	02/08/2001 12:59	
Aroclor 1242	ND	0.5	ug/L	02/08/2001 12:59	
Aroclor 1248	ND	0.5	ug/L	02/08/2001 12:59	
Aroclor 1254	ND	0.5	ug/L	02/08/2001 12:59	
Aroclor 1260	ND	0.5	ug/L	02/08/2001 12:59	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	98.6	62-123	%	02/08/2001 12:59	
Decachlorobiphenyl (PCB/8082)	100.8	56-136	%	02/08/2001 12:59	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

To: **Engeo, Inc.**
Attn: Bill Fagundes

Test Method: 8082
Prep Method: 3510/8082

Batch QC Report

PCBs

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2001/02/07-03.14
LCS: 2001/02/07-03.14-002	Extracted: 02/07/2001 13:26	Analyzed 02/08/2001 13:24
LCSD: 2001/02/07-03.14-003	Extracted: 02/07/2001 13:26	Analyzed 02/08/2001 13:50

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Aroclor 1016	2.19	2.03	2.00	2.00	109.5	101.5	7.6	65-135	30		
Aroclor 1260	1.86	2.05	2.00	2.00	93.0	102.5	9.7	65-135	30		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xyl	50.4	50.9	50	50	100.8	101.8		62-123			
Decachlorobiphenyl	45.6	49.8	50	50	91.2	99.6		56-136			

To: **Engeo, Inc.**
Attn: Bill Fagundes

Test Method: 8082
Prep Method: 3510/8082

Legend & Notes

PCBs

Analysis Flags

rl

Reporting limits raised due to reduced sample size.

Analyte Flags

s

One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Total Extractable Petroleum Hydrocarbons (TEPH)

Engeo, Inc.	✉ 2401 Crow Canyon Road, Suite 200 San Ramon, CA 94583-1545
Attn: Bill Fagundes	Phone: (925) 838-1600 Fax: (925) 838-7425
Project #: 4729.3.002.02	Project: Del Valle High School

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
MW-1	Water	02/06/2001 15:30	1

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-02-0081

To: **Engeo, Inc.**
Attn.: Bill Fagundes

Test Method: 8015M
Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: MW-1	Lab Sample ID: 2001-02-0081-001
Project: 4729.3.002.02 Del Valle High School	Received: 02/06/2001 16:15
Sampled: 02/06/2001 15:30	Extracted: 02/07/2001 16:14
Matrix: Water	QC-Batch: 2001/02/07-04.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	79	50	ug/L	1.00	02/08/2001 07:32	ndp
Motor Oil	ND	500	ug/L	1.00	02/08/2001 07:32	
Surrogate(s) o-Terphenyl	88.3	60-130	%	1.00	02/08/2001 07:32	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-02-0081

To: **Engeo, Inc.**
Attn.: Bill Fagundes

Test Method: 8015M
Prep Method: 3510/8015M

Batch QC Report Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank	Water	QC Batch # 2001/02/07-04.10
MB: 2001/02/07-04.10-001		Date Extracted: 02/07/2001 16:14

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	50	ug/L	02/08/2001 08:02	
Motor Oil	ND	500	ug/L	02/08/2001 08:02	
Surrogate(s) o-Terphenyl	101.5	60-130	%	02/08/2001 08:02	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

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Attn: Bill Fagundes

Test Method: 8015M
Prep Method: 3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2001/02/07-04.10
LCS: 2001/02/07-04.10-002	Extracted: 02/07/2001 16:14	Analyzed 02/08/2001 06:45
LCSD: 2001/02/07-04.10-003	Extracted: 02/07/2001 16:14	Analyzed 02/08/2001 07:24

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	916	902	1250	1250	73.3	72.2	1.5	60-130	25		
Surrogate(s) o-Terphenyl	21.4	21.6	20.0	20.0	107.0	108.0		60-130			

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Test Method: 8015M
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Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756

(925) 484-1919 • Fax (925) 484-1096

Reference #: 57313

Chain of Custody

Environmental Services (SDB) (DOHS 1094)

DATE _____ PAGE _____ OF _____

PROJ. MGR. BILL FAGUNDES
 COMPANY ENBEO INC.
 ADDRESS 2401 Crow Canyon Rd #1200
San Ramon, CA 94583
 SAMPLERS (SIGNATURE) [Signature] 925-838-1600 (PHONE NO.)
BILL FAGUNDES 925-838-7425 (FAX NO.)

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH (EPA 8015, 8020) <input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) <input checked="" type="checkbox"/> Diesel <input checked="" type="checkbox"/> M.O. <input checked="" type="checkbox"/> Other	PURGEABLE HALOCARBONS (EYOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	Oil & Grease Petrol <input type="checkbox"/> Total <input type="checkbox"/> 1664	EPA 8082, PCB's		PNA's by <input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	<input type="checkbox"/> W.E.T. (STLC) <input type="checkbox"/> TCLP	<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24 hr hold time for H2O)	NUMBER OF CONTAINERS	
													<input type="checkbox"/> PESTICIDES (EPA 8080)	<input type="checkbox"/> PCB'S (EPA 8080)									
MW-1	2/6/01	1530	Aqueous	ICE/HCl	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								8

PROJECT INFORMATION
 PROJECT NAME: Del Valle High School
 PROJECT NUMBER: 4729.3.002.02
 P.O. # _____

SAMPLE RECEIPT
 TOTAL NO. OF CONTAINERS: 8
 HEAD SPACE _____
 TEMPERATURE: 5.4°C
 CONFORMS TO RECORD _____

TAT: STANDARD 10-DAY 5-DAY 24 48 72 OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
 Report: Routine Level 2 Level 3 Level 4 Electronic Report

RELINQUISHED BY <u>[Signature]</u> 1615 (SIGNATURE) (TIME) <u>ENBEO INC</u> 4/6/01 (PRINTED NAME) (DATE) <u>ENBEO</u> (COMPANY)	1.	RELINQUISHED BY	2.	RELINQUISHED BY	3.
RECEIVED BY	1.	RECEIVED BY	2.	RECEIVED BY (LABORATORY)	3.
<u>[Signature]</u> (SIGNATURE) (TIME) <u>[Printed Name]</u> (PRINTED NAME) (DATE) <u>[Company]</u> (COMPANY)		<u>[Signature]</u> (SIGNATURE) (TIME) <u>[Printed Name]</u> (PRINTED NAME) (DATE) <u>[Company]</u> (COMPANY)		<u>Demise Harrington</u> (SIGNATURE) (TIME) <u>D. Harrington 1615</u> (PRINTED NAME) (DATE) <u>STL-CL 2/6/01</u> (LAB)	