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By dehloptoxic at 8:34 am, Sep 22, 2006



Shell Oil Products US

September 20, 2006

Re: **Semi-Annual Groundwater Monitoring Report – First Quarter 2006**
Former Shell-Branded Service Station
1155 Portola Avenue
Livermore, California

Dear Mr. Jerry Wickham:

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

Sincerely,
Shell Oil Products US

A handwritten signature in black ink, appearing to read "Denis L. Brown".

Denis L. Brown
Project Manager



Solving environment-related business problems worldwide

www.deltaenv.com

175 Bernal Road • Suite 200
San Jose, California 95119 USA

800.477.7411
Fax 408.225.8506

September 20, 2006
DELTA Project SJ11-55P-1
SAP: 135441

Mr. Jerry Wickham
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Re: SEMI-ANNUAL FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT
Former Shell-Branded Service Station
1155 Portola Avenue
Livermore, California**


Dear Mr. Wickham:

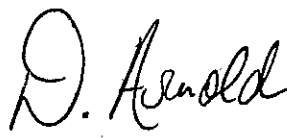
On behalf of Shell Oil Products (Shell), Delta Environmental Consultants, Inc. (Delta), has prepared this *Semi-Annual First Quarter 2006 Groundwater Monitoring Report* for the above referenced site.

This quarterly report represents Delta's professional opinions based upon the currently available information and is arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have any questions regarding this site, please contact Ms. Debbie Arnold (Delta) at (408) 826-1873 or Mr. Denis Brown (Shell) at (707) 865-0251.

Sincerely,
Delta Environmental Consultants, Inc.


Heather Buckingham
Senior Staff Geologist


Debbie Arnold, PG 7745
Project Manager



Attachment: First Quarter 2006 Groundwater Monitoring Report

cc: Denis Brown, Shell Oil Products US, Carson
Danielle Stefani, Livermore-Pleasanton Fire Department, Livermore
Terrell & Kimberley Bass, Danville

A member of:



September 20, 2006

SHELL QUARTERLY STATUS REPORT

Station Address: 1155 Portola Avenue, Livermore, CA
DELTA Project No.: SJ11-55P-1
SHELL Project Manager / Phone No.: Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.: Debbie Arnold / (408) 826-1873
Primary Agency / Regulatory ID No.: Alameda County Environmental Health / Mr. Jerry Wickham, P.G., CHG
Other Agencies to Receive Copies: Livermore-Pleasanton Fire Department

WORK PERFORMED FIRST AND SECOND QUARTER 2006:

1. Semi-annual groundwater monitoring and sampling. Submitted quarterly report.

WORK PROPOSED FOR THIRD AND FOURTH QUARTER 2006:

1. Semi-annual groundwater monitoring and sampling.
2. Prepare and submit request for case closure including the results of the semi-annual groundwater monitoring and sampling event.

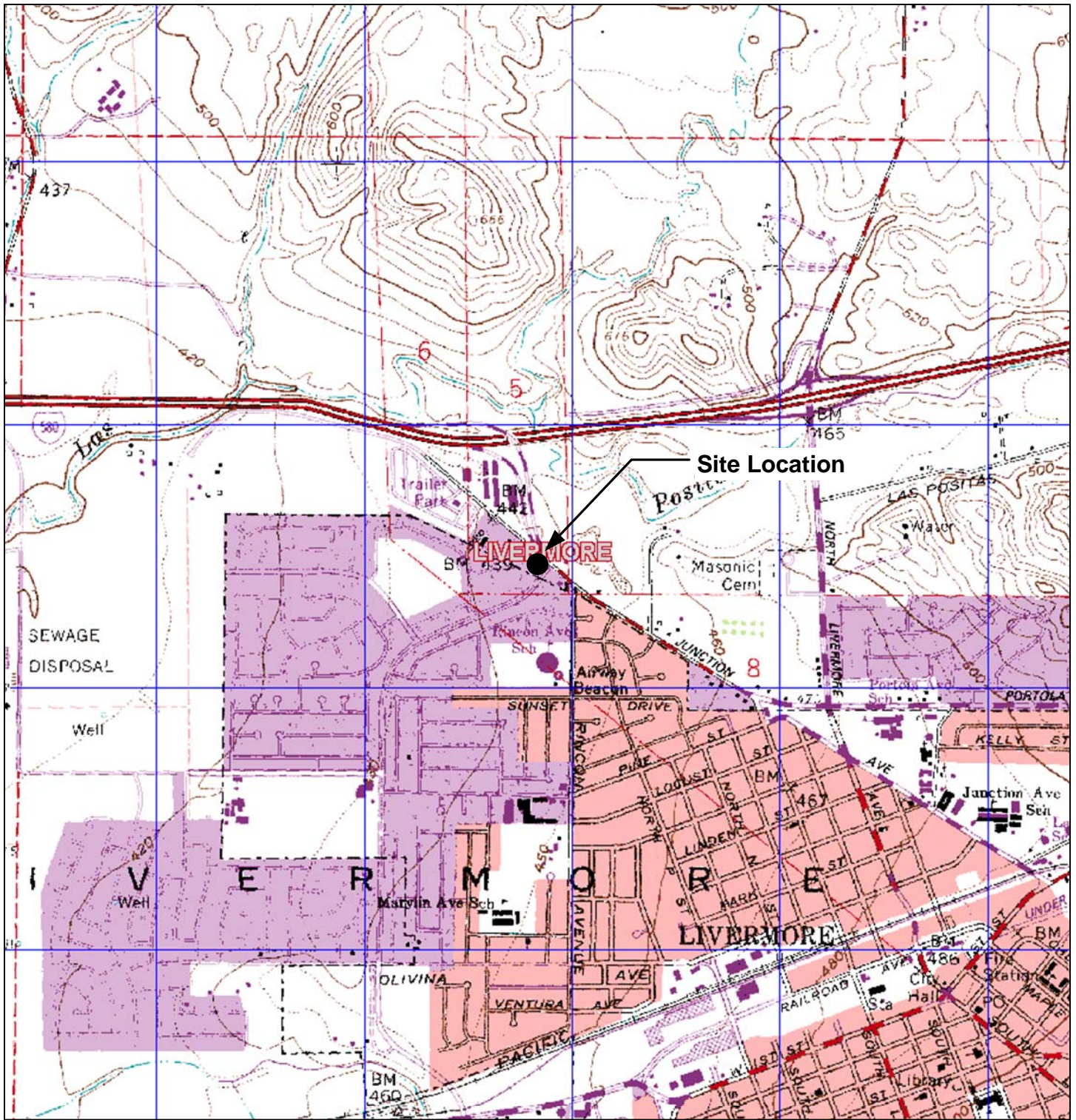
Current Phase of Project: Groundwater monitoring
Frequency of Sampling: Semi-Annual
Frequency of Monitoring: Semi-Annual
Is Separate Phase Hydrocarbon Present <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
On-site (Well #'s):
Cumulative SPH Recovered to Date: NA
SPH Recovered This Quarter : None
Sensitive Receptor(s) and Respective Direction(s): The nearest municipal drinking water well (CWS Well 10-01) identified by Delta is located approximately 2,195 feet southeast of the site. Las Positas Creek is located approximately 987 feet north of the site.
Current Remediation Techniques: None
Permits for Discharge: None.
Approximate Depth to Groundwater: 34.5 feet below top of well casing
Groundwater Gradient: South at a gradient less than 0.01 ft/ft. The groundwater gradient at the site historically ranges between northwest and south-southwest.
Current Agency Correspondence: ACHCSA letter dated April 19, 2006 (Reduction of groundwater monitoring and sampling frequency approval)
Summary of Unusual Activity: None

Debbie Arnold
Site Manager (DELTA)

ATTACHED:

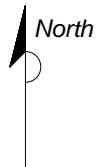
- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map, March 3, 2006
- Figure 3 – TPH-G, MTBE, and TBA in Groundwater Concentration Map, March 3, 2006
- Attachment A – Groundwater Monitoring and Sampling Report, April 11, 2006

FIGURES



Site Location

GENERAL NOTES:
 Base Map from: DeLorme Yarmouth, ME 04096
 Source Data: USGS



QUADRANGLE LOCATION

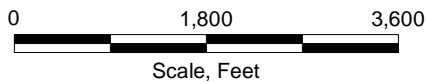
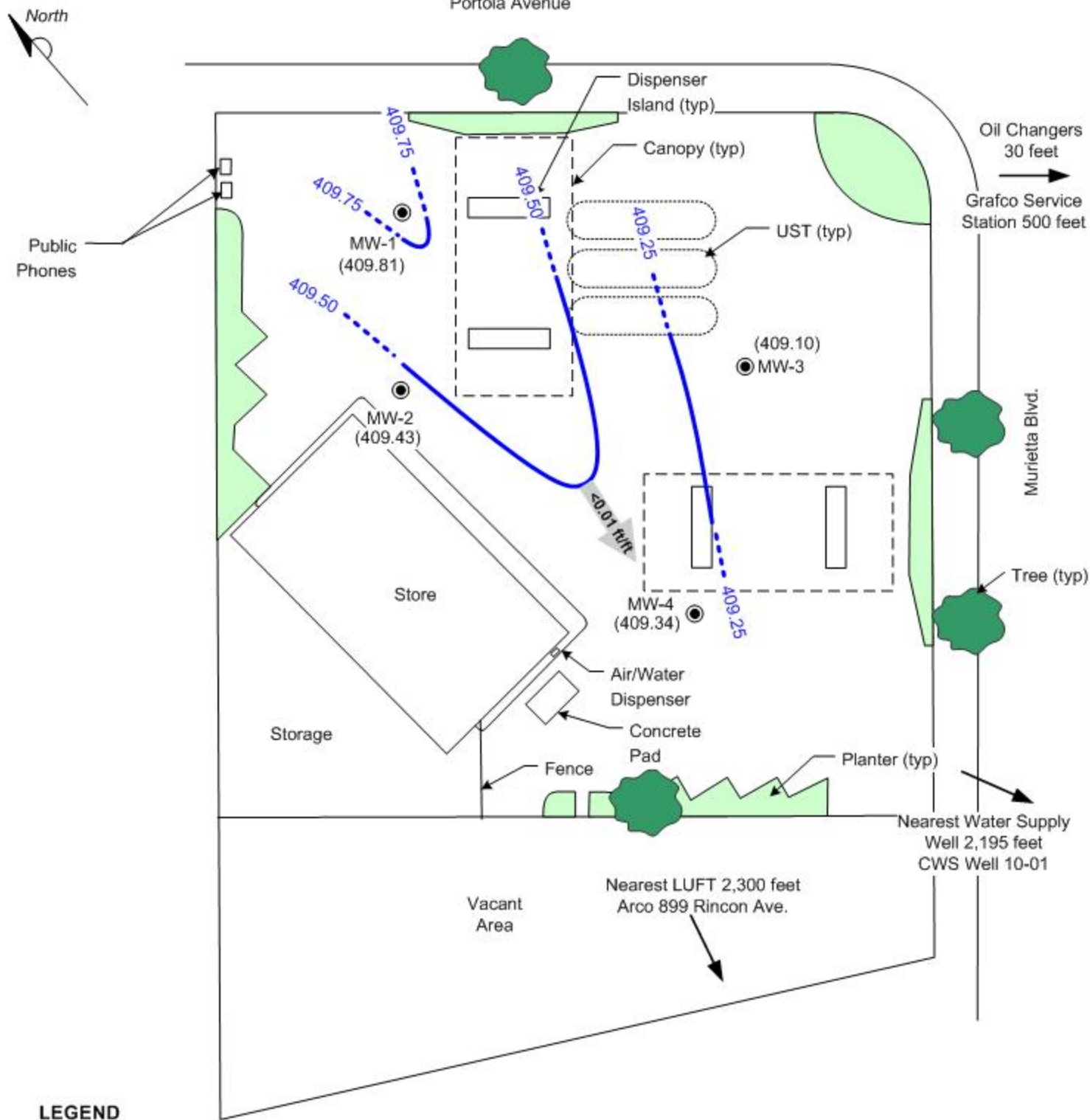


FIGURE 1
 SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
 1155 Portola Avenue
 Livermore, California

PROJECT NO. SJ11-55P-1.2005	DRAWN BY VF 10/22/03
FILE NO. SJ11-55P-1.2005	PREPARED BY VF
REVISION NO.	REVIEWED BY





LEGEND

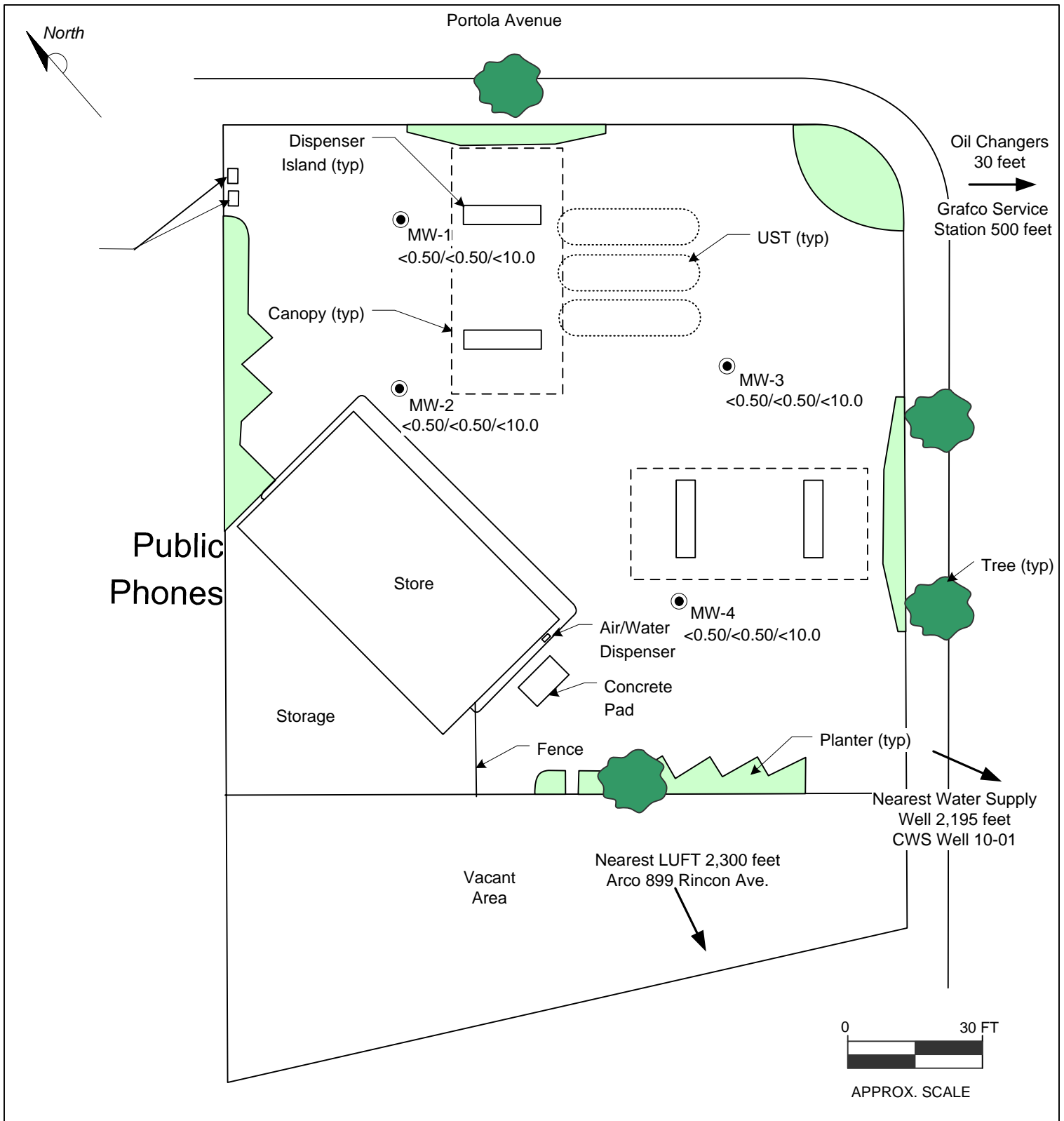
- MW-4 ● **GROUNDWATER MONITORING WELL**
- (409.34) **GROUNDWATER ELEVATION (FEET - MSL), 03/03/06**
- 409.50 — **GROUNDWATER ELEVATION CONTOUR**
- $\swarrow \le 0.01 \text{ ft/ft}$ **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**



FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP,
MARCH 3, 2006
SHELL-BRANDED SERVICE STATION
1155 Portola Avenue
Livermore, California

PROJECT NO. SJ11-55P-1.2006	DRAWN BY JL 04/26/06
FILE NO. SJ11-55P-1.2006	PREPARED BY JL
REVISION NO. 1	REVIEWED BY





LEGEND

MW-4 ● **GROUNDWATER MONITORING WELL**
 <0.50/6.0/<5.0 **BENZENE/MTBE/TBA CONCENTRATIONS (UG/L), 03/03/06**

FIGURE 3
BENZENE, MTBE, AND TBA CONCENTRATIONS MAP,
MARCH 3, 2006

SHELL-BRANDED SERVICE STATION
 1155 Portola Avenue
 Livermore, California

PROJECT NO. SJ11-55P-1.2005	DRAWN BY BH 08/31/06
FILE NO. SJ11-55P-1.2005	PREPARED BY HB
REVISION NO. 1	REVIEWED BY



ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT, APRIL 11, 2006

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

April 11, 2006

Denis Brown
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

First Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
1155 Portola Avenue
Livermore, CA

Monitoring performed on March 3, 2006

Groundwater Monitoring Report **060303-MD-3**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/jn

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Debbie Arnold
Delta Environmental
175 Bernal Road, Suite 200
San Jose, CA 95119

WELL CONCENTRATIONS
Shell-branded Service Station
1155 Portola Avenue
Livermore, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Screened Interval (ft.)	GW Elevation (MSL)
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MW-1	12/05/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.12	40-59	NA
MW-1	12/20/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	78	<2.0	<2.0	<2.0	<50	NA	38.40	40-59	NA
MW-1	03/28/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	7.0	<2.0	<2.0	<2.0	<5.0	443.81	36.25	40-59	407.56
MW-1	06/26/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	1.4	<2.0	<2.0	<2.0	<5.0	443.81	39.53	40-59	404.28
MW-1	08/25/2003	64	NA	<0.50	<0.50	<0.50	<1.0	53	<2.0	<2.0	<2.0	<5.0	443.81	42.52	40-59	401.29
MW-1	12/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	443.81	36.84	40-59	406.97
MW-1	03/08/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	3.9	<2.0	<2.0	<2.0	<5.0	443.81	31.75	40-59	412.06
MW-1	06/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	0.91	<2.0	<2.0	<2.0	<5.0	443.81	38.24	40-59	405.57
MW-1	09/01/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	4.7	NA	NA	NA	NA	443.81	44.66	40-59	399.15
MW-1	12/23/2004	<50 c	NA	<0.50	2.3	1.4	3.6	<0.50	NA	NA	NA	NA	443.81	39.14	40-59	404.67
MW-1	02/28/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	0.54	NA	NA	NA	NA	443.81	32.95	40-59	410.86
MW-1	06/13/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	6.8	443.81	35.00	40-59	408.81
MW-1	09/19/2005	<50	NA	<0.50	<0.50	<0.50	1.2	<0.50	NA	NA	NA	<5.0	443.81	39.29	40-59	404.52
MW-1	12/07/2005	<50	NA	<0.50	<0.50	<0.50	0.56	<0.50	NA	NA	NA	<5.0	443.81	37.56	40-59	406.25
MW-1	03/03/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	443.81	34.00	40-59	409.81

MW-2	12/05/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.57	40-60	NA
MW-2	12/20/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	190	<2.0	<2.0	<2.0	<50	NA	40.00	40-60	NA
MW-2	03/28/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	46	<2.0	<2.0	<2.0	<5.0	444.61	37.40	40-60	407.21
MW-2	06/26/2003	<500	<50	<5.0	<5.0	<5.0	<10	330	<20	<20	<20	<50	444.61	40.51	40-60	404.10
MW-2	08/25/2003	<500	NA	<5.0	<5.0	<5.0	<10	400	<20	<20	<20	<50	444.61	43.38	40-60	401.23
MW-2	12/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	27	<2.0	<2.0	<2.0	<5.0	444.61	37.92	40-60	406.69
MW-2	03/08/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	444.61	33.40	40-60	411.21
MW-2	06/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	85	<2.0	<2.0	<2.0	<5.0	444.61	39.18	40-60	405.43
MW-2	09/01/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	140	NA	NA	NA	NA	444.61	45.03	40-60	399.58
MW-2	12/23/2004	<50	NA	<0.50	1.7	0.75	2.6	32	NA	NA	NA	NA	444.61	39.97	40-60	404.64

WELL CONCENTRATIONS
Shell-branded Service Station
1155 Portola Avenue
Livermore, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Screened Interval (ft.)	GW Elevation (MSL)
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MW-2	02/28/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	0.74	NA	NA	NA	NA	444.61	34.20	40-60	410.41
MW-2	06/13/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	6.0	444.61	36.00	40-60	408.61
MW-2	09/19/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	8.6	NA	NA	NA	<5.0	444.61	40.08	40-60	404.53
MW-2	12/07/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	6.0	NA	NA	NA	<5.0	444.61	38.68	40-60	405.93
MW-2	03/03/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	444.61	35.18	40-60	409.43

MW-3	12/05/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.49	40-55	NA
MW-3	12/20/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	8.7	<2.0	<2.0	<2.0	<50	NA	36.00	40-55	NA
MW-3	03/28/2003	<50	56	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	443.84	36.47	40-55	407.37
MW-3	06/26/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	443.84	38.70	40-55	405.14
MW-3	08/25/2003	76 a	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	443.84	41.12	40-55	402.72
MW-3	12/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	443.84	37.27	40-55	406.57
MW-3	03/08/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	120	<2.0	<2.0	<2.0	<5.0	443.84	32.49	40-55	411.35
MW-3	06/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	74	<2.0	<2.0	<2.0	<5.0	443.84	37.75	40-55	406.09
MW-3	09/01/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	443.84	43.29	40-55	400.55
MW-3	12/23/2004	<50 c	NA	<0.50	2.3	1.5	4.3	<0.50	NA	NA	NA	NA	443.84	38.64	40-55	405.20
MW-3	02/28/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	443.84	33.70	40-55	410.14
MW-3	06/13/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	12	443.84	35.03	40-55	408.81
MW-3	09/19/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	<5.0	443.84	39.08	40-55	404.76
MW-3	12/07/2005	<50	NA	<0.50	<0.50	<0.50	0.54	<0.50	NA	NA	NA	<5.0	443.84	37.67	40-55	406.17
MW-3	03/03/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	443.84	34.74	40-55	409.10

MW-4	12/05/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.45	41-61	NA
MW-4	12/20/2002	<50	61	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	NA	40.61	41-61	NA
MW-4	03/28/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	444.18	37.16	41-61	407.02
MW-4	06/26/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	444.18	40.05	41-61	404.13

WELL CONCENTRATIONS
Shell-branded Service Station
1155 Portola Avenue
Livermore, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Screened Interval (ft.)	GW Elevation (MSL)
MW-4	08/25/2003	67 a	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	444.18	43.04	41-61	401.14
MW-4	12/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	444.18	37.62	41-61	406.56
MW-4	03/08/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	444.18	32.80	41-61	411.38
MW-4	06/07/2004	58 b	NA	0.82	1.2	<0.50	1.1	<0.50	<2.0	<2.0	<2.0	<5.0	444.18	38.94	41-61	405.24
MW-4	09/01/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	444.18	44.18	41-61	400.00
MW-4	12/23/2004	<50 c	NA	0.55	3.8	2.2	7.0	<0.50	NA	NA	NA	NA	444.18	39.83	41-61	404.35
MW-4	02/28/2005	<50 c	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	444.18	34.01	41-61	410.17
MW-4	06/13/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	444.18	35.70	41-61	408.48
MW-4	09/19/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	<5.0	444.18	39.70	41-61	404.48
MW-4	12/07/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	444.18	38.25	41-61	405.93
MW-4	03/03/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<0.500	NA	NA	NA	<10.0	444.18	34.84	41-61	409.34

WELL CONCENTRATIONS
Shell-branded Service Station
1155 Portola Avenue
Livermore, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	Screened Interval (ft.)	GW Elevation (MSL)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol or Tertiary butanol, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

Notes:

a = Hydrocarbon does not match pattern of laboratory's standard.

b = Sample contains discrete peak in addition to gasoline.

c = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

Site surveyed November 25, 2002 by Mid Coast Engineers.

March 22, 2006

Client: Delta Env. Consultants (San Jose) / SHELL (13653)
175 Bernal Rd., Suite 200
San Jose, CA 95119
Attn: Heather Buckingham

Work Order: NPC1257
Project Name: 1155 Portola Ave., Livermore, CA
Project Nbr: 97495539
P/O Nbr: 97495539
Date Received: 03/09/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPC1257-01	03/03/06 15:15
MW-2	NPC1257-02	03/03/06 15:45
MW-3	NPC1257-03	03/03/06 14:55
MW-4	NPC1257-04	03/03/06 14:35

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

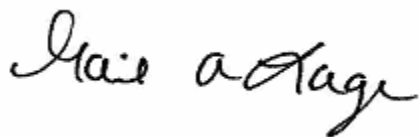
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California Certification Number: 01168CA

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

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Report Approved By:



Gail A Lage
Senior Project Manager

Client Delta Env. Consultants (San Jose) / SHELL (13653)
 175 Bernal Rd., Suite 200
 San Jose, CA 95119
 Attn Heather Buckingham

Work Order: NPC1257
 Project Name: 1155 Portola Ave., Livermore, CA
 Project Number: 97495539
 Received: 03/09/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC1257-01 (MW-1 - Ground Water) Sampled: 03/03/06 15:15								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	03/16/06 21:52	SW846 8260B	6033307
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/16/06 21:52	SW846 8260B	6033307
Ethylbenzene	ND		ug/L	0.500	1	03/16/06 21:52	SW846 8260B	6033307
Toluene	ND		ug/L	0.500	1	03/16/06 21:52	SW846 8260B	6033307
Xylenes, total	ND		ug/L	0.500	1	03/16/06 21:52	SW846 8260B	6033307
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/17/06 17:07	SW846 8260B	6032474
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	93 %					03/16/06 21:52	SW846 8260B	6033307
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	118 %					03/17/06 17:07	SW846 8260B	6032474
<i>Surr: Dibromofluoromethane (79-122%)</i>	105 %					03/16/06 21:52	SW846 8260B	6033307
<i>Surr: Dibromofluoromethane (79-122%)</i>	116 %					03/17/06 17:07	SW846 8260B	6032474
<i>Surr: Toluene-d8 (78-121%)</i>	105 %					03/16/06 21:52	SW846 8260B	6033307
<i>Surr: Toluene-d8 (78-121%)</i>	106 %					03/17/06 17:07	SW846 8260B	6032474
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	105 %					03/16/06 21:52	SW846 8260B	6033307
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	110 %					03/17/06 17:07	SW846 8260B	6032474
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	03/16/06 21:52	SW846 8260B	6033307
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	93 %					03/16/06 21:52	SW846 8260B	6033307
<i>Surr: Dibromofluoromethane (0-200%)</i>	105 %					03/16/06 21:52	SW846 8260B	6033307
<i>Surr: Toluene-d8 (0-200%)</i>	105 %					03/16/06 21:52	SW846 8260B	6033307
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	105 %					03/16/06 21:52	SW846 8260B	6033307
Sample ID: NPC1257-02 (MW-2 - Ground Water) Sampled: 03/03/06 15:45								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	03/16/06 22:15	SW846 8260B	6033307
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/16/06 22:15	SW846 8260B	6033307
Ethylbenzene	ND		ug/L	0.500	1	03/16/06 22:15	SW846 8260B	6033307
Toluene	ND		ug/L	0.500	1	03/16/06 22:15	SW846 8260B	6033307
Xylenes, total	ND		ug/L	0.500	1	03/16/06 22:15	SW846 8260B	6033307
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/16/06 22:15	SW846 8260B	6033307
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	94 %					03/16/06 22:15	SW846 8260B	6033307
<i>Surr: Dibromofluoromethane (79-122%)</i>	104 %					03/16/06 22:15	SW846 8260B	6033307
<i>Surr: Toluene-d8 (78-121%)</i>	106 %					03/16/06 22:15	SW846 8260B	6033307
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	98 %					03/16/06 22:15	SW846 8260B	6033307
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	03/16/06 22:15	SW846 8260B	6033307
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	94 %					03/16/06 22:15	SW846 8260B	6033307
<i>Surr: Dibromofluoromethane (0-200%)</i>	104 %					03/16/06 22:15	SW846 8260B	6033307
<i>Surr: Toluene-d8 (0-200%)</i>	106 %					03/16/06 22:15	SW846 8260B	6033307
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	98 %					03/16/06 22:15	SW846 8260B	6033307

Client Delta Env. Consultants (San Jose) / SHELL (13653)
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Work Order: NPC1257
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 Project Number: 97495539
 Received: 03/09/06 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPC1257-03 (MW-3 - Ground Water) Sampled: 03/03/06 14:55								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	03/16/06 22:37	SW846 8260B	6033307
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/16/06 22:37	SW846 8260B	6033307
Ethylbenzene	ND		ug/L	0.500	1	03/16/06 22:37	SW846 8260B	6033307
Toluene	ND		ug/L	0.500	1	03/16/06 22:37	SW846 8260B	6033307
Xylenes, total	ND		ug/L	0.500	1	03/16/06 22:37	SW846 8260B	6033307
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/16/06 22:37	SW846 8260B	6033307
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>96 %</i>					<i>03/16/06 22:37</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>105 %</i>					<i>03/16/06 22:37</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>104 %</i>					<i>03/16/06 22:37</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>109 %</i>					<i>03/16/06 22:37</i>	<i>SW846 8260B</i>	<i>6033307</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	03/16/06 22:37	SW846 8260B	6033307
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	<i>96 %</i>					<i>03/16/06 22:37</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: Dibromofluoromethane (0-200%)</i>	<i>105 %</i>					<i>03/16/06 22:37</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: Toluene-d8 (0-200%)</i>	<i>104 %</i>					<i>03/16/06 22:37</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	<i>109 %</i>					<i>03/16/06 22:37</i>	<i>SW846 8260B</i>	<i>6033307</i>
Sample ID: NPC1257-04 (MW-4 - Ground Water) Sampled: 03/03/06 14:35								
Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		ug/L	0.500	1	03/16/06 22:59	SW846 8260B	6033307
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/16/06 22:59	SW846 8260B	6033307
Ethylbenzene	ND		ug/L	0.500	1	03/16/06 22:59	SW846 8260B	6033307
Toluene	ND		ug/L	0.500	1	03/16/06 22:59	SW846 8260B	6033307
Xylenes, total	ND		ug/L	0.500	1	03/16/06 22:59	SW846 8260B	6033307
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/16/06 22:59	SW846 8260B	6033307
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>98 %</i>					<i>03/16/06 22:59</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>104 %</i>					<i>03/16/06 22:59</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>105 %</i>					<i>03/16/06 22:59</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>102 %</i>					<i>03/16/06 22:59</i>	<i>SW846 8260B</i>	<i>6033307</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	03/16/06 22:59	SW846 8260B	6033307
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	<i>98 %</i>					<i>03/16/06 22:59</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: Dibromofluoromethane (0-200%)</i>	<i>104 %</i>					<i>03/16/06 22:59</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: Toluene-d8 (0-200%)</i>	<i>105 %</i>					<i>03/16/06 22:59</i>	<i>SW846 8260B</i>	<i>6033307</i>
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	<i>102 %</i>					<i>03/16/06 22:59</i>	<i>SW846 8260B</i>	<i>6033307</i>

Client Delta Env. Consultants (San Jose) / SHELL (13653)
 175 Bernal Rd., Suite 200
 San Jose, CA 95119
 Attn Heather Buckingham

Work Order: NPC1257
 Project Name: 1155 Portola Ave., Livermore, CA
 Project Number: 97495539
 Received: 03/09/06 08:30

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B

6032474-BLK1

Benzene	<0.200		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Ethylbenzene	<0.200		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Toluene	<0.200		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Xylenes, total	<0.350		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Tertiary Butyl Alcohol	<5.06		ug/L	6032474	6032474-BLK1	03/17/06 15:16
Surrogate: 1,2-Dichloroethane-d4	116%			6032474	6032474-BLK1	03/17/06 15:16
Surrogate: Dibromofluoromethane	116%			6032474	6032474-BLK1	03/17/06 15:16
Surrogate: Toluene-d8	105%			6032474	6032474-BLK1	03/17/06 15:16
Surrogate: 4-Bromofluorobenzene	111%			6032474	6032474-BLK1	03/17/06 15:16

6033307-BLK1

Benzene	<0.200		ug/L	6033307	6033307-BLK1	03/16/06 14:05
Methyl tert-Butyl Ether	<0.200		ug/L	6033307	6033307-BLK1	03/16/06 14:05
Ethylbenzene	<0.200		ug/L	6033307	6033307-BLK1	03/16/06 14:05
Toluene	<0.200		ug/L	6033307	6033307-BLK1	03/16/06 14:05
Xylenes, total	<0.350		ug/L	6033307	6033307-BLK1	03/16/06 14:05
Tertiary Butyl Alcohol	<5.06		ug/L	6033307	6033307-BLK1	03/16/06 14:05
Surrogate: 1,2-Dichloroethane-d4	110%			6033307	6033307-BLK1	03/16/06 14:05
Surrogate: Dibromofluoromethane	107%			6033307	6033307-BLK1	03/16/06 14:05
Surrogate: Toluene-d8	106%			6033307	6033307-BLK1	03/16/06 14:05
Surrogate: 4-Bromofluorobenzene	110%			6033307	6033307-BLK1	03/16/06 14:05

Purgeable Petroleum Hydrocarbons

6033307-BLK1

Gasoline Range Organics	<50.0		ug/L	6033307	6033307-BLK1	03/16/06 14:05
Surrogate: 1,2-Dichloroethane-d4	110%			6033307	6033307-BLK1	03/16/06 14:05
Surrogate: Dibromofluoromethane	107%			6033307	6033307-BLK1	03/16/06 14:05
Surrogate: Toluene-d8	106%			6033307	6033307-BLK1	03/16/06 14:05
Surrogate: 4-Bromofluorobenzene	110%			6033307	6033307-BLK1	03/16/06 14:05

Client Delta Env. Consultants (San Jose) / SHELL (13653)
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 Project Number: 97495539
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PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6032474-BS1								
Benzene	50.0	50.5		ug/L	101%	79 - 123	6032474	03/17/06 14:09
Ethylbenzene	50.0	50.4		ug/L	101%	79 - 125	6032474	03/17/06 14:09
Toluene	50.0	46.3		ug/L	93%	78 - 122	6032474	03/17/06 14:09
Xylenes, total	150	146		ug/L	97%	79 - 130	6032474	03/17/06 14:09
Tertiary Butyl Alcohol	500	556		ug/L	111%	42 - 154	6032474	03/17/06 14:09
Surrogate: 1,2-Dichloroethane-d4	50.0	58.8			118%	70 - 130	6032474	03/17/06 14:09
Surrogate: Dibromofluoromethane	50.0	56.1			112%	79 - 122	6032474	03/17/06 14:09
Surrogate: Toluene-d8	50.0	53.7			107%	78 - 121	6032474	03/17/06 14:09
Surrogate: 4-Bromofluorobenzene	50.0	52.8			106%	78 - 126	6032474	03/17/06 14:09
6033307-BS1								
Benzene	50.0	51.8		ug/L	104%	79 - 123	6033307	03/16/06 12:58
Methyl tert-Butyl Ether	50.0	55.1		ug/L	110%	66 - 142	6033307	03/16/06 12:58
Ethylbenzene	50.0	49.4		ug/L	99%	79 - 125	6033307	03/16/06 12:58
Toluene	50.0	46.2		ug/L	92%	78 - 122	6033307	03/16/06 12:58
Xylenes, total	150	143		ug/L	95%	79 - 130	6033307	03/16/06 12:58
Tertiary Butyl Alcohol	500	474		ug/L	95%	42 - 154	6033307	03/16/06 12:58
Surrogate: 1,2-Dichloroethane-d4	50.0	51.2			102%	70 - 130	6033307	03/16/06 12:58
Surrogate: Dibromofluoromethane	50.0	53.1			106%	79 - 122	6033307	03/16/06 12:58
Surrogate: Toluene-d8	50.0	51.8			104%	78 - 121	6033307	03/16/06 12:58
Surrogate: 4-Bromofluorobenzene	50.0	54.9			110%	78 - 126	6033307	03/16/06 12:58
Purgeable Petroleum Hydrocarbons								
6033307-BS1								
Gasoline Range Organics	3050	2980		ug/L	98%	67 - 130	6033307	03/16/06 12:58
Surrogate: 1,2-Dichloroethane-d4	50.0	51.2			102%	70 - 130	6033307	03/16/06 12:58
Surrogate: Dibromofluoromethane	50.0	53.1			106%	70 - 130	6033307	03/16/06 12:58
Surrogate: Toluene-d8	50.0	51.8			104%	70 - 130	6033307	03/16/06 12:58
Surrogate: 4-Bromofluorobenzene	50.0	54.9			110%	70 - 130	6033307	03/16/06 12:58

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PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6033307-MS1										
Benzene	ND	216	M7	ug/L	50.0	432%	71 - 137	6033307	NPC1245-01	03/16/06 23:21
Methyl tert-Butyl Ether	0.790	961	M7	ug/L	50.0	1920%	55 - 152	6033307	NPC1245-01	03/16/06 23:21
Ethylbenzene	ND	154	M7	ug/L	50.0	308%	72 - 139	6033307	NPC1245-01	03/16/06 23:21
Toluene	ND	138	M7	ug/L	50.0	276%	73 - 133	6033307	NPC1245-01	03/16/06 23:21
Xylenes, total	ND	977	M7	ug/L	150	651%	70 - 143	6033307	NPC1245-01	03/16/06 23:21
Tertiary Butyl Alcohol	5.89	3770	M7	ug/L	500	753%	19 - 183	6033307	NPC1245-01	03/16/06 23:21
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.5		ug/L	50.0	99%	70 - 130	6033307	NPC1245-01	03/16/06 23:21
<i>Surrogate: Dibromofluoromethane</i>		52.4		ug/L	50.0	105%	79 - 122	6033307	NPC1245-01	03/16/06 23:21
<i>Surrogate: Toluene-d8</i>		52.4		ug/L	50.0	105%	78 - 121	6033307	NPC1245-01	03/16/06 23:21
<i>Surrogate: 4-Bromofluorobenzene</i>		52.2		ug/L	50.0	104%	78 - 126	6033307	NPC1245-01	03/16/06 23:21
Purgeable Petroleum Hydrocarbons										
6033307-MS1										
Gasoline Range Organics	ND	13900	M7	ug/L	3050	456%	60 - 140	6033307	NPC1245-01	03/16/06 23:21
<i>Surrogate: 1,2-Dichloroethane-d4</i>		49.5		ug/L	50.0	99%	0 - 200	6033307	NPC1245-01	03/16/06 23:21
<i>Surrogate: Dibromofluoromethane</i>		52.4		ug/L	50.0	105%	0 - 200	6033307	NPC1245-01	03/16/06 23:21
<i>Surrogate: Toluene-d8</i>		52.4		ug/L	50.0	105%	0 - 200	6033307	NPC1245-01	03/16/06 23:21
<i>Surrogate: 4-Bromofluorobenzene</i>		52.2		ug/L	50.0	104%	0 - 200	6033307	NPC1245-01	03/16/06 23:21

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 Project Number: 97495539
 Received: 03/09/06 08:30

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
6033307-MSD1												
Methyl tert-Butyl Ether	0.790	1050	M7	ug/L	50.0	2100%	55 - 152	9	27	6033307	NPC1245-01	03/16/06 23:44
Ethylbenzene	ND	172	M7	ug/L	50.0	344%	72 - 139	11	23	6033307	NPC1245-01	03/16/06 23:44
Toluene	ND	150	M7	ug/L	50.0	300%	73 - 133	8	25	6033307	NPC1245-01	03/16/06 23:44
Xylenes, total	ND	1060	M7	ug/L	150	707%	70 - 143	8	27	6033307	NPC1245-01	03/16/06 23:44
Tertiary Butyl Alcohol	5.89	4480	M7	ug/L	500	895%	19 - 183	17	39	6033307	NPC1245-01	03/16/06 23:44
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	70 - 130			6033307	NPC1245-01	03/16/06 23:44
Surrogate: Dibromofluoromethane		52.1		ug/L	50.0	104%	79 - 122			6033307	NPC1245-01	03/16/06 23:44
Surrogate: Toluene-d8		52.0		ug/L	50.0	104%	78 - 121			6033307	NPC1245-01	03/16/06 23:44
Surrogate: 4-Bromofluorobenzene		49.8		ug/L	50.0	100%	78 - 126			6033307	NPC1245-01	03/16/06 23:44
Purgeable Petroleum Hydrocarbons												
6033307-MSD1												
Gasoline Range Organics	ND	14500	M7	ug/L	3050	475%	60 - 140	4	40	6033307	NPC1245-01	03/16/06 23:44
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	0 - 200			6033307	NPC1245-01	03/16/06 23:44
Surrogate: Dibromofluoromethane		52.1		ug/L	50.0	104%	0 - 200			6033307	NPC1245-01	03/16/06 23:44
Surrogate: Toluene-d8		52.0		ug/L	50.0	104%	0 - 200			6033307	NPC1245-01	03/16/06 23:44
Surrogate: 4-Bromofluorobenzene		49.8		ug/L	50.0	100%	0 - 200			6033307	NPC1245-01	03/16/06 23:44

Client Delta Env. Consultants (San Jose) / SHELL (13653)
175 Bernal Rd., Suite 200
San Jose, CA 95119
Attn Heather Buckingham

Work Order: NPC1257
Project Name: 1155 Portola Ave., Livermore, CA
Project Number: 97495539
Received: 03/09/06 08:30

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8260B	Water	N/A	X	X

Client Delta Env. Consultants (San Jose) / SHELL (13653)
175 Bernal Rd., Suite 200
San Jose, CA 95119
Attn Heather Buckingham

Work Order: NPC1257
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NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
SW846 8260B	Water	Gasoline Range Organics

Client Delta Env. Consultants (San Jose) / SHELL (13653)
175 Bernal Rd., Suite 200
San Jose, CA 95119
Attn Heather Buckingham

Work Order: NPC1257
Project Name: 1155 Portola Ave., Livermore, CA
Project Number: 97495539
Received: 03/09/06 08:30

DATA QUALIFIERS AND DEFINITIONS

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

METHOD MODIFICATION NOTES

Nashville Division
COOLER RECEIPT FORM

BC#



NPC1257

Cooler Received/Opened On 3/9/06

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0005

~~Fed-Ex~~ UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 2-6 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... JR

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO... NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... JZ

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO... NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO... NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... JZ

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... JZ

I certify that I attached a label with the unique LIMS number to each container (initial)..... JZ

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

BIS = Broken in shipment
Cooler Receipt Form

SHELL Chain Of Custody Record

Lab Identification (if necessary):

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Nashville, Tennessee
- STL
- Other (location) _____

13653

Shell Project Manager to be invoiced:

ENVIRONMENTAL SERVICES

Denis Brown

TECHNICAL SERVICES

CRMT HOUSTON

NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY)

9 7 4 9 5 5 3 9

SAP or CRMT NUMBER (TS/CRMT)

PAGE: 1 of 1

SAMPLING COMPANY:

Blaine Tech Services

LOG CODE

BTSS

SITE ADDRESS: Street and City

1155 Portola Ave., Livermore

State

CA

GLOBAL ID NO

T0600194367

ADDRESS
1680 Rogers Avenue, San Jose, CA 95112

EDF DELIVERABLE TO (Responsible Party or Designee)

Heather Buckingham, Delta, San Jose Office

PHONE NO.

(408)224-4724

E-MAIL

hbuckingham@deltaenv.com

CONSULTANT PROJECT NO.

060203-M03

PROJECT CONTACT (Hardcopy or PDF Report to):

Michael Ninokata

TELEPHONE

408-573-0555

FAX

408-573-7771

E-MAIL

mninokata@blainetech.com

SAMPLER NAME(S) (Print)

John DeJong

LAB USE ONLY

NPC1257

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS):

STD 5 DAY 3 DAY 2 DAY 24 HOURS

RESULTS NEEDED ON WEEKEND

REQUESTED ANALYSIS

03/20/06 17:00

LA - RWQCB REPORT FORMAT UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification				RECEIPT VERIFICATION REQUESTED <input checked="" type="checkbox"/>												TEMPERATURE ON RECEIPT C°	
	DATE	TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015m)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)		Methanol (8015M)
	MW-1	3/19/06	1515	W	3	X	X	X	X									2.8 C
	MW-2	↓	1545	↓	3	X	X	X	X									NPC 1257-01
	MW-3	↓	1455	↓	3	X	X	X	X									-02
	MW-4	↓	1435	↓	3	X	X	X	X									-03
																		-04

Relinquished by: (Signature)

[Signature]

Received by: (Signature)

[Signature] SAMPLE CUSTODIAN

Date:

3/20/06

Time:

1712

Relinquished by: (Signature)

[Signature]

Received by: (Signature)

[Signature]

Date:

3-6-06

Time:

1645

Relinquished by: (Signature)

[Signature]

Received by: (Signature)

[Signature]

Date:

3-6-06

Time:

1720

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

Prup SEQMHT 3/7/06 1600

[Signature]

3/9/06 830

WELLHEAD INSPECTION CHECKLIST

Client Shell Date 3/3/06

Site Address 1155 Portola Ave, Livermore

Job Number 060303-MW3 Technician MJ

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	X	X	X							
MW-2	X	X	X							
MW-3		X	X	1 of 2 tabs	Broken					X
MW-4		X	X	1 of 2 tabs	Broken					X

NOTES: _____

WELL GAUGING DATA

Project # 060303-MD3 Date 3/3/06 Client shell

Site 155 Portola Ave., Livermore

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOG
MW-1	2					34.00	58.96	
MW-2	2					35.18	59.12	
MW-3	2					34.74	54.12	
MW-4	2					34.84	58.95	
<p>- uncapped all wells & let stabilize for 15 min. Before gauging</p>								

SHELL WELL MONITORING DATA SHEET

BTS #: <u>060303-MD3</u>	Site: <u>97495539</u>
Sampler: <u>MO</u>	Date: <u>3/3/06</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth (TD): <u>58.96</u>	Depth to Water (DTW): <u>34.00</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>38.99</u>	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

Other: _____

$\frac{4}{1} \text{ (Gals.)} \times \frac{3}{\text{Specified Volumes}} = \frac{12}{\text{Calculated Volume}} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1502</u>	<u>65.9</u>	<u>7.2</u>	<u>987</u>	<u>71000</u>	<u>4</u>	<u>cloudy</u>
<u>1506</u>	<u>66.4</u>	<u>7.1</u>	<u>968</u>	<u>71000</u>	<u>8</u>	<u>cloudy</u>
<u>1511</u>	<u>66.1</u>	<u>7.2</u>	<u>972</u>	<u>71000</u>	<u>12</u>	<u>↓</u>

Did well dewater? Yes No Gallons actually evacuated: 12

Sampling Date: 3/3/06 Sampling Time: 1515 Depth to Water: 34.20

Sample I.D.: MW-1 Laboratory: STL Other: TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See CCL

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
------------------	------------	------	-------------	------

O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV
--------------------	------------	----	-------------	----

SHELL WELL MONITORING DATA SHEET

BTS #: <u>060303-M03</u>	Site: <u>97495539</u>
Sampler: <u>MO</u>	Date: <u>3/3/06</u>
Well I.D.: <u>MW-2</u>	Well Diameter: <u>3</u> 4 6 8
Total Well Depth (TD): <u>59.12</u>	Depth to Water (DTW): <u>35.18</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>39.97</u>	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

Other: _____

<u>3.8</u> (Gals.)	<u>3</u>	<u>11.4</u> Gals.	
1 Case Volume	Specified Volumes	Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1525	65.0	7.1	993	>1000	3.8	cloudy
1530	66.8	7.1	990	515	7.6	↓
1535	65.8	7.1	992	262	11.4	↓

Did well dewater? Yes No Gallons actually evacuated: 11.4

Sampling Date: 3/3/06 Sampling Time: 1545 Depth to Water: 35.58

Sample I.D.: MW-2 Laboratory: STL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

EB I.D. (if applicable): @ _____ Time Duplicate I.D. (if applicable): _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>060303-MD3</u>	Site: <u>97995539</u>
Sampler: <u>MD</u>	Date: <u>3/3/06</u>
Well I.D.: <u>MW-4</u>	Well Diameter: <u>3</u> 4 6 8
Total Well Depth (TD): <u>58.95</u>	Depth to Water (DTW): <u>34.84</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>39.66</u>	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 MWD Other _____ Dedicated Tubing

3.9 (Gals.) X 3 = 11.7 Gals.
 1 Case Volume Specified Volumes Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1419</u>	<u>63.6</u>	<u>7.4</u>	<u>1002</u>	<u>71000</u>	<u>3.9</u>	<u>cloudy</u>
<u>1424</u>	<u>66.3</u>	<u>7.4</u>	<u>1004</u>	<u>515</u>	<u>7.8</u>	<u>↓</u>
<u>1428</u>	<u>66.7</u>	<u>7.4</u>	<u>1001</u>	<u>400</u>	<u>11.7</u>	<u>↓</u>

Did well dewater? Yes No Gallons actually evacuated: 11.7

Sampling Date: 3/3/06 Sampling Time: 1435 Depth to Water: 34.87

Sample I.D.: MW-4 Laboratory: STL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See Coc

EB I.D. (if applicable): @ Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV