

R02433



Denis L. Brown

October 13, 2005

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

Shell Oil Products US
HSE -- Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Re: Groundwater Monitoring Report --Third Quarter 2005
Former Shell Service Station
2160 Otis Drive
Alameda, California

Alameda County
OCT 17 2005
Environmental Health

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Groundwater Monitoring Report - Third Quarter 2005* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

A handwritten signature in black ink, appearing to read "Denis L. Brown", is written over a horizontal line.

Denis L. Brown
Project Manager

October 13, 2005

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

Re: **Groundwater Monitoring Report – Third Quarter 2005
And Notification of Well Destruction**
Former Shell Service Station
2160 Otis Drive
Alameda, California



Dear Mr. Wickham:

Cambria Environmental Technology, Inc. (Cambria) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) in accordance with the quarterly reporting requirements of 23 CCR 2652d.

THIRD QUARTER 2005 ACTIVITIES

Blaine Tech Services, Inc. (Blaine) of San Jose, California sampled the site well and prepared a summary table of field data and gasoline constituent concentrations. Well MW-3 was analyzed for all five fuel oxygenates. Cambria prepared a site vicinity map (Figure 1) and a groundwater elevation/chemical concentration map (Figure 2). Blaine's report, presenting the laboratory report, is included as Appendix A.

WELL DESTRUCTION ACTIVITIES

Cambria prepared and submitted the *Groundwater Monitoring Report - Fourth Quarter 2004, Complete Closure Summary Package, and Request for Environmental Case Closure* dated February 18, 2005 to the Alameda County Health Care Services Agency (ACHCSA). Based on conversations with ACHCSA, Cambria understands that a response from ACHCSA is imminent. Thus, we have **tentatively scheduled the destruction of the one remaining well to occur on October 31, 2005, pending receipt of approval from ACHCSA to proceed.**

Cambria
Environmental
Technology, Inc.

270 Perkins Street
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

C A M B R I A

CLOSING

If you have any questions regarding this document, please call Ana Friel at (707) 268-3812.

Sincerely,
Cambria Environmental Technology, Inc.

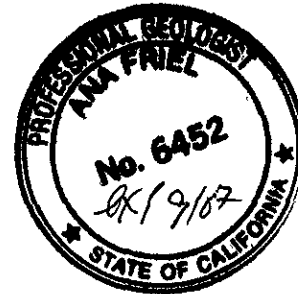
Martha Murphy



for Susan Lukaszewicz
Staff Geologist

Ana Friel

Ana Friel, PG
Senior Project Geologist
PG 6452

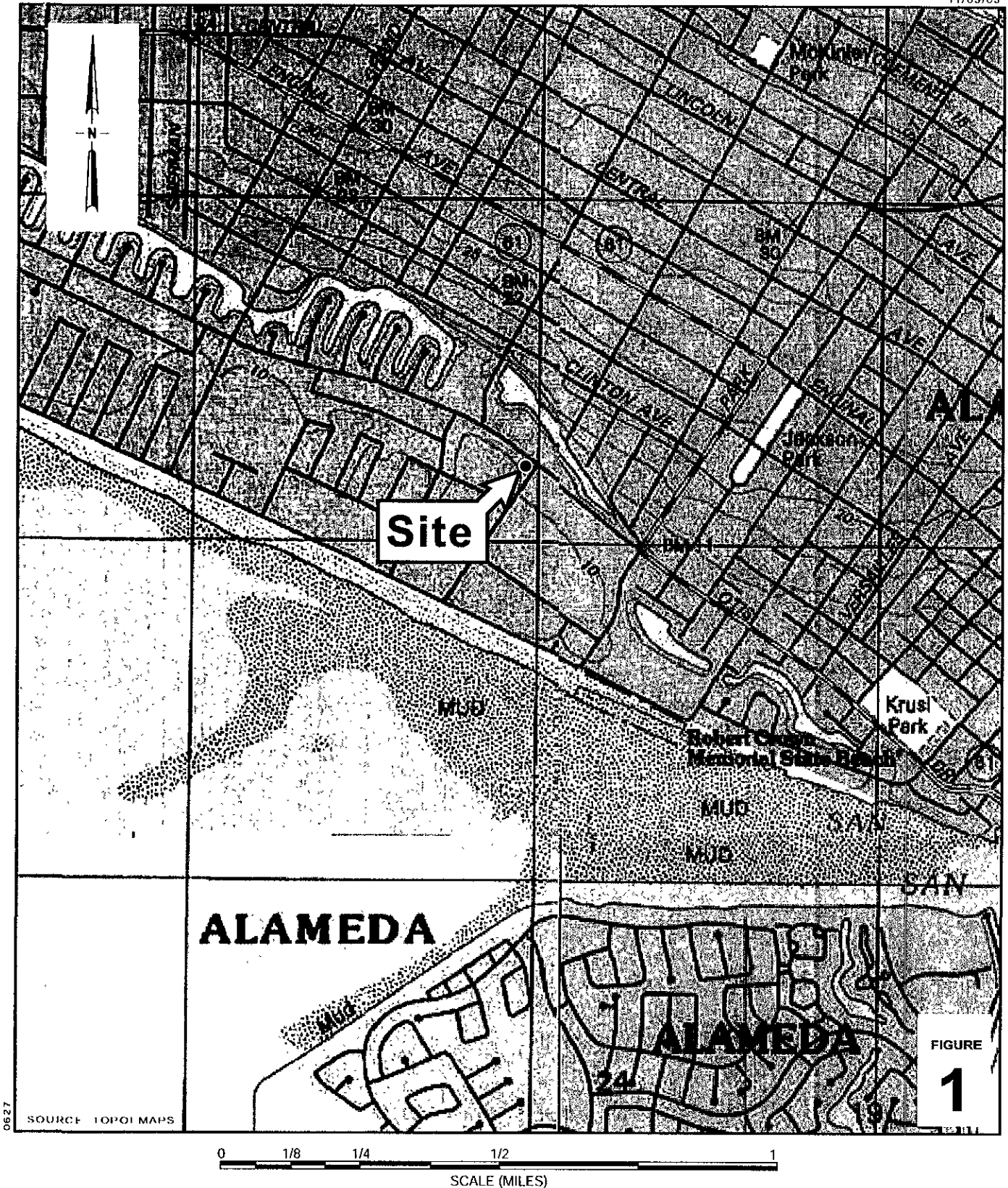


Attachments:

- Figure 1. Site Vicinity Map
- Figure 2. Groundwater Elevation/Chemical Concentration Map

- Appendix A. Blaine Tech Services, Inc. - Groundwater Monitoring Report

cc: Denis Brown, Shell
Harsch Investment Group, 523 West Plaza, Alameda, CA 94501
Betty Graham, SFBRWQCB

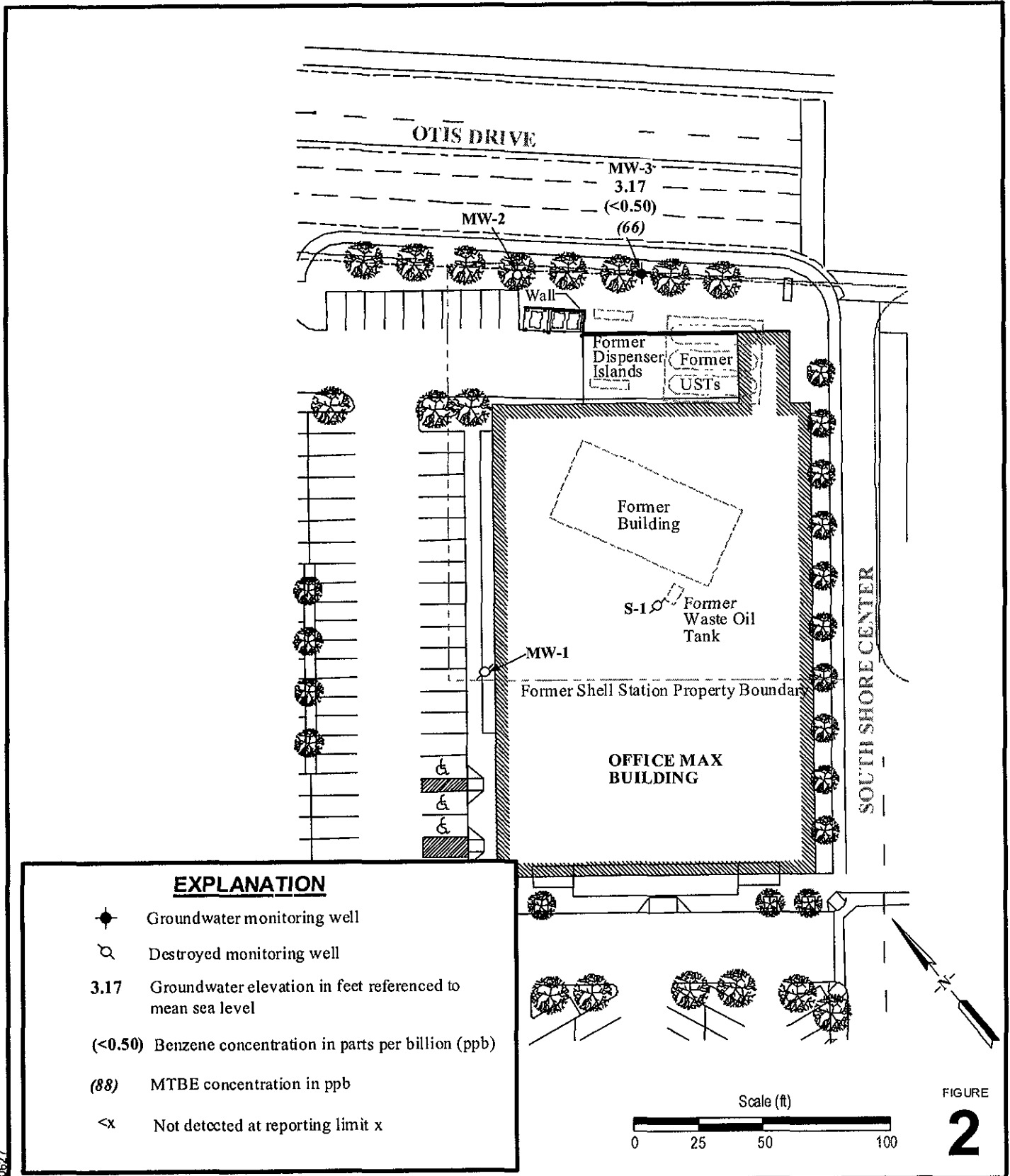


Former Shell Service Station
 2160 Otis Drive
 Alameda, California



Site Vicinity Map

C A M B R I A



Former Shell Service Station
2160 Otis Drive
Alameda, California



CAMBRIA

Groundwater Elevation/Chemical Concentration Map

September 15, 2005

APPENDIX A

**Blaine Tech Services, Inc.
Groundwater Monitoring Report**

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1986

September 28, 2005

Denis Brown
Shell Oil Products US
P.O. Box 7869
Burbank, CA 91510-7869

Third Quarter 2005 Groundwater Monitoring at
Former Shell Service Station
2160 Otis Drive
Alameda, CA

Monitoring performed on September 15, 2005

Groundwater Monitoring Report 050915-WC-3

This report covers the routine monitoring of groundwater wells at this former Shell 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,

Leon Gearhart
Project Coordinator

LG/ks

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

cc: Ana Friel
Cambria Environmental Technology, Inc.
P.O. Box 259
Sonoma, CA 95476-0259

WELL CONCENTRATIONS
Former Shell Service Station
2160 Otis Drive
Alameda, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
S-1	09/04/1987	NA	NA	<5	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-1	09/11/1989	<50	<100	<0.5	<1	<1	<3	NA	NA	NA	NA	NA	NA	5.1	4.29	0.81
S-1	04/11/1990	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4	1.1
S-1	07/10/1990	<90	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.25	0.85
S-1	10/09/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.46	0.64
S-1	01/17/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.53	0.57
S-1	04/09/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.2	0.9
S-1	07/10/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.42	0.68
S-1	10/09/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.87	0.23
S-1	01/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.9	0.2
S-1	04/23/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.66	0.44
S-1	07/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.85	0.25
S-1	10/02/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.8	0.3
S-1	01/05/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	5.38	-0.28
S-1	04/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1	3.69	1.41
S-1	07/20/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1	4.2	0.9
S-1	10/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1	4.38	0.72
S-1	01/07/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.19	0.91
S-1 (D)	01/07/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.03	1.07
S-1	07/26/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1	4.76	0.34
S-1	11/01/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	4.84	0.26
S-1	01/13/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1	4.07	1.03
S-1	04/20/1995	<50	NA	2.2	0.6	2.2	2.5	NA	NA	NA	NA	NA	NA	5.1	4.14	0.96
S-1	05/23/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	5.1	3.51	1.59
S-1	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-1	04/11/1990	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.23	0.77

WELL CONCENTRATIONS
Former Shell Service Station
2160 Otis Drive
Alameda, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	07/10/1990	100	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.4	0.6
MW-1	10/09/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.61	0.39
MW-1	01/17/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.66	0.34
MW-1	04/09/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	4.96	1.04
MW-1	07/10/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.52	0.48
MW-1	10/09/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.7	0.3
MW-1	01/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.51	0.49
MW-1	04/23/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.14	0.86
MW-1	07/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	4.48	1.52
MW-1	10/02/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.8	0.2
MW-1	01/05/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.34	0.66
MW-1 (D)	01/05/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	NA	NA
MW-1	04/08/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	4.62	1.38
MW-1	07/20/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	5.2	0.8
MW-1	10/15/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	4.37	1.63
MW-1	01/07/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.26	0.74
MW-1	04/13/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	5.01	0.99
MW-1	07/26/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	5.38	0.62
MW-1	08/18/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.4	0.6
MW-1	10/11/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	5.6	0.4
MW-1	01/13/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	5.56	0.44
MW-1	04/20/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	6	4.4	1.6
MW-1	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	04/11/1990	200a	220	2.7	<0.5	0.5	2.4	NA	NA	NA	NA	NA	NA	3.29	4.51	-1.22
MW-2	07/10/1990	570a	450	150	<0.5	0.9	3.1	NA	NA	NA	NA	NA	NA	3.29	4.61	-1.32
MW-2	10/09/1990	190a	51	55	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.74	-1.45
MW-2	01/17/1991	350a	<50	51	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.73	-1.44

WELL CONCENTRATIONS
Former Shell Service Station
2160 Otis Drive
Alameda, CA

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MW-2	04/09/1991	NA	<50	21	<5	<5	<5	NA	NA	NA	NA	NA	NA	3.29	4.09	-0.8
MW-2	07/10/1991	50a	<50	8.4	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.66	-1.37
MW-2	10/09/1991	150	NA	22	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.81	-1.52
MW-2	01/24/1992	<50	NA	4.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.66	-1.37
MW-2	04/23/1992	<50	NA	2.3	1.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.51	-1.22
MW-2	07/01/1992	130a	NA	19	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.57	-1.28
MW-2	10/02/1992	120a	NA	7.8	<0.5	<0.5	<0.8	NA	NA	NA	NA	NA	NA	3.29	4.8	-1.51
MW-2	01/05/1993	200a	NA	9	<0.5	0.6	1.8	NA	NA	NA	NA	NA	NA	3.29	4.39	-1.1
MW-2	04/08/1993	170a	NA	9.6	<0.5	<0.5	1.6	NA	NA	NA	NA	NA	NA	3.29	4.15	-0.86
MW-2	07/20/1993	80a	NA	16	1.3	1.4	6.1	NA	NA	NA	NA	NA	NA	3.29	4.4	-1.11
MW-2	10/15/1993	400a	NA	37	0.6	1.1	4.7	NA	NA	NA	NA	NA	NA	3.29	5.41	-2.12
MW-2	01/07/1994	86a	NA	12	<0.5	<0.5	1.1	NA	NA	NA	NA	NA	NA	3.29	4.34	-1.05
MW-2	04/13/1994	<50	NA	14	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.29	-1
MW-2	07/26/1994	290	NA	51	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.56	-1.27
MW-2	11/11/1994	<50	NA	3.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	4.68	-1.39
MW-2	01/13/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	3.48	-0.19
MW-2	04/20/1995	<50	NA	<0.5	<0.5	1	3.6	NA	NA	NA	NA	NA	NA	3.29	3.78	-0.49
MW-2 (D)	04/20/1995	<50	NA	9.9	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	NA	NA
MW-2	05/23/1995	<50	NA	5.8	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	3.29	3.87	-0.58
MW-2	Well destroyed		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	03/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.23	NA
MW-3	03/22/2001	1,000	1,100	80	16	7.9	72	NA	72	NA	NA	NA	NA	NA	5.21	NA
MW-3	05/30/2001	3,100	<1,500	170	50	150	340	NA	100	NA	NA	NA	NA	NA	5.57	NA
MW-3	09/17/2001	130	130	0.79	<0.50	<0.50	<0.50	NA	180	NA	NA	NA	NA	NA	5.93	NA
MW-3	12/20/2001	1,800	<900	250	4.8	4.0	51	NA	13	NA	NA	NA	NA	NA	5.06	NA
MW-3	08/27/2003	2,900	NA	96	26	14	81	NA	7.2	NA	NA	NA	NA	9.22	5.71	3.51
MW-3	12/07/2004	120 b	NA	<0.50	<0.50	<0.50	<1.0	NA	88	<2.0	<2.0	<2.0	13	9.22	6.05	3.17

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MW-3	09/15/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	66	<2.0	<2.0	<2.0	6.8	9.22	5.62	3.60
BH-C	12/17/1992	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH-D	12/17/1992	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH-E	12/17/1992	<50	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	07/10/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	10/09/1990	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	01/17/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	04/09/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	07/10/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	10/09/1991	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	01/24/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	04/23/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	07/01/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	10/02/1992	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	01/05/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	04/08/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	07/20/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	10/15/1993	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	01/07/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	04/13/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	10/11/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	11/01/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	01/13/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB	04/20/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA

WELL CONCENTRATIONS
Former Shell Service Station
2160 Otis Drive
Alameda, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
TB	05/23/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to March 22, 2001, analyzed by EPA Method 8015.

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

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to March 22, 2001, analyzed by EPA Method 8020.

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, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

BH-C = Grab Ground Water Sample

ug/L = parts per billion

MSL = Mean sea level

ft = Feet

<n = Below detection limit

Notes:

a = Chromatogram pattern indicated an unidentified hydrocarbon.

b = Quantity of unknown hydrocarbon in sample based on gasoline.

Well MW-3 surveyed May 9, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Blaine Tech Services, Inc.

September 28, 2005

1680 Rogers Avenue
San Jose, CA 95112-1105
Attn.: Leon Gearhart
Project#: 050915-WC-3
Project: 98995140
Site: 2160 Otis Dr., Alameda

Dear Mr. Gearhart,

Attached is our report for your samples received on 09/16/2005 13:10

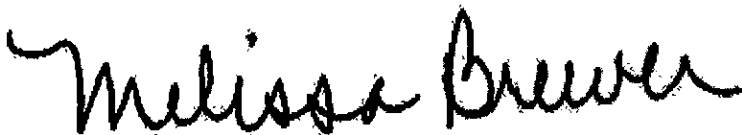
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 10/31/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,



Melissa Brewer
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050915-WC-3

98995140

Received: 09/16/2005 13:10

Site: 2160 Otis Dr., Alameda

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-3	09/15/2005 15:46	Water	1

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050915-WC-3
98995140

Received: 09/16/2005 13:10

Site: 2160 Otis Dr., Alameda

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2005-09-0440-1
Sampled:	09/15/2005 15:46	Extracted:	9/21/2005 03:09
Matrix:	Water	QC Batch#:	2005/09/20-2B 64
pH:	2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	09/21/2005 03:09	
Benzene	ND	0.50	ug/L	1.00	09/21/2005 03:09	
Toluene	ND	0.50	ug/L	1.00	09/21/2005 03:09	
Ethylbenzene	ND	0.50	ug/L	1.00	09/21/2005 03:09	
Total xylenes	ND	1.0	ug/L	1.00	09/21/2005 03:09	
tert-Butyl alcohol (TBA)	6.8	5.0	ug/L	1.00	09/21/2005 03:09	
Methyl tert-butyl ether (MTBE)	66	0.50	ug/L	1.00	09/21/2005 03:09	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	09/21/2005 03:09	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	09/21/2005 03:09	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	09/21/2005 03:09	
Surrogate(s)						
1,2-Dichloroethane-d4	100.1	73-130	%	1.00	09/21/2005 03:09	
Toluene-d8	108.3	81-114	%	1.00	09/21/2005 03:09	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050915-WC-3
98995140

Received: 09/16/2005 13:10

Site: 2160 Otis Dr., Alameda

Batch QC Report			
Prep(s): 8260B	Method: HPLC	Water:	Test(s): 8260B
MB: 2005/09/20-2B-64-018			QC Batch #: 2005/09/20-2B-64
			Date Extracted: 09/20/2005 19:18

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	09/20/2005 19:18	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/20/2005 19:18	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/20/2005 19:18	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	09/20/2005 19:18	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	09/20/2005 19:18	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	09/20/2005 19:18	
Benzene	ND	0.5	ug/L	09/20/2005 19:18	
Toluene	ND	0.5	ug/L	09/20/2005 19:18	
Ethylbenzene	ND	0.5	ug/L	09/20/2005 19:18	
Total xylenes	ND	1.0	ug/L	09/20/2005 19:18	
Surrogates(s)					
1,2-Dichloroethane-d4	96.8	73-130	%	09/20/2005 19:18	
Toluene-d8	104.6	81-114	%	09/20/2005 19:18	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105

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Project: 050915-WC-3
98995140

Received: 09/16/2005 13:10

Site: 2160 Otis Dr., Alameda

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch #: 2005/09/20-2B.64			
LCS: 2005/09/20-2B.64-057			Extracted: 09/20/2005			Analyzed: 09/20/2005 18:57			
LCSD									

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	25.8		25	103.2			65-165	20		
Benzene	28.0		25	112.0			69-129	20		
Toluene	28.7		25	114.8			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	442		500	88.4			73-130			
Toluene-d8	511		500	102.2			81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050915-WC-3
98995140

Received: 09/16/2005 13:10

Site: 2160 Otis Dr., Alameda

Batch QC Report			
Prep(s): 5030B			Test(s): 8260B
Matrix Spike (MS/MSD)	Water		QC Batch # 2005/09/20-2B-64
MS/MSD			Lab ID: 2005-09-0332-0001
MS: 2005/09/20-2B-64-01/1	Extracted: 09/20/2005		Analyzed: 09/20/2005 20:11
			Dilution: 1.00
MSD: 2005/09/20-2B-64-02/2	Extracted: 09/20/2005		Analyzed: 09/20/2005 20:32
			Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	24.5	23.7	ND	25	98.0	94.8	3.3	65-165	20		
Benzene	26.7	25.1	ND	25	106.8	100.4	6.2	69-129	20		
Toluene	26.4	27.0	ND	25	105.6	108.0	2.2	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	506	486		500	101.2	97.2		73-130			
Toluene-d8	547	551		500	109.4	110.2		81-114			

Lab Identification (if necessary):

Address:

City, State, Zip:

Equiva Project Manager to be invoiced:

SCIENCE & ENGINEERING
 TECHNICAL SERVICES
 CRIME HUNTING

Denis Brown

2005-09-0440

INCIDENT NUMBER (SITE ONLY)
9 8 9 9 5 1 4 0

SAP OR CRAP NUMBER (IF SPECIAL)

DATE:

9/15/05

PAGE:

1 of 1

SAMPLING COMPANY: Blaine Tech Services		LOG CODE: BTSS	SITE ADDRESS (Street and City): 2160 Otis Dr., Alameda		GLOBAL ID NO.: T0600101236
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112		EDF DELIVERABLE TO (Responsible Party or Designee): Ana Friel		PHONE NO.: (707) 442-2700	CONSULTANT PROJECT NO.: OSC915-W-3
PROJECT CONTACT (If necessary or PCF Report ID): Leon Gearhart		SAMPLER MAKE (IF ANY): W-1 Crow			LAB USE ONLY:
TELEPHONE: 408-573-9555	FAX: 408-573-7771	E-MAIL: lgearhart@blainetech.com		E-MAIL: sonomaedf@cambric-env.com	
TURNAROUND TIME (BUSINESS DAYS): <input checked="" type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS		REQUESTED ANALYSIS			

LA - FINNCE REPORT FORMAT UST AGENCY:

SCMS MYBE CONFIRMATION: HIGHEST _____ HIGHEST IN BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: _____ CHECK BOX IF EDD IS NEEDED:

FIELD NOTES:
Contains Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT °C _____

Field Sample Identification	SAMPLING DATE	TIME	MATEM	NO. OF CONT	TPH - Gas, Ruffinable	BTX	MYBE (S021 B - 5ppb RL)	MYBE (S280B - 0.5ppm RL)	oxygens (s) by (S260B)	TEH - Diesel, Extractable (S016m)
					X	X		X		
MW-3	9/15/05	5:46	H ₂ O	3/10	X	X			X	

Prepared by (Signature): <i>W. A. Green</i>	Prepared by (Signature): <i>[Signature]</i>	Date: 9/16/05	Title: 157
Prepared by (Signature): <i>[Signature]</i>	Prepared by (Signature): <i>[Signature]</i>	Date: 9/16/05	Title: 1310
Prepared by (Signature): <i>[Signature]</i>	Prepared by (Signature): <i>[Signature]</i>	Date: 9/16/05	Title: 1530