HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

September 6, 2005

Ms. Misty Kaltreider
Solano County Department of Resource Management
675 Texas Street, Suite 5500
Fairfield, California 94533

Subject: **Transmittal of Quarterly Monitoring Report**
Third Quarter 2005
Beacon Station No. 3699
921 Merchant Street, Vacaville, California

Ms. Kaltreider:

At the request of Ultramar Inc. Horizon Environmental Inc. (Horizon) is forwarding the enclosed *Quarterly Groundwater Monitoring Report* dated September 6, 2005. The report documents third quarter 2005 groundwater monitoring at the subject site.

Please call Horizon at 916-939-2170 if you have any questions or require additional information.

Sincerely,
HORIZON ENVIRONMENTAL INC.

Karen P. Liptak
Staff Geologist

Enclosure

cc: Mr. Joe Aldridge, Ultramar Inc.
Mr. James Barton, Regional Water Quality Control Board, Central Valley Region

4970 Windplay Drive, #C5 • El Dorado Hills, CA 95762 • (916) 939-2170 • FAX (916) 939-2172
P.O. Box 5283 • Bakersfield, CA 93388 • (661) 589-8389 • FAX (661) 589-1456

HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

September 6, 2005

Mr. Joe Aldridge
Ultramar Inc.
685 West Third Street
Hanford, CA 93230

Subject: **Quarterly Groundwater Monitoring Report**
Third Quarter 2005
Former Beacon Station No. 3699
921 Merchant Street, Vacaville, California

Mr. Aldridge:

Horizon Environmental Inc. (Horizon) has prepared this report documenting results of third quarter 2005 groundwater monitoring at the subject site located in Solano County as shown on Figure 1. There are currently seven groundwater monitoring wells (MW-3 through MW-9) associated with the site as shown on Figure 2.

Groundwater Monitoring

Groundwater monitoring activities were conducted by Doulos Environmental Company (Doulos) on July 26, 2005 according to Ultramar Inc. (Ultramar) Field Procedures (Attachment A). Monitoring activities included measurement of static groundwater level, purging groundwater from the wells, collection of groundwater samples, and preparation and delivery of the samples to the analytical laboratory.

The depth to groundwater in the monitoring wells was measured to the nearest 0.01 foot from the top-of-casing (TOC). The physical parameters of conductivity, pH and temperature were monitored with field instrumentation during the purging process. Field groundwater level and purge data were recorded on the Doulos Groundwater Level Data and Sampling Information Sheets (Attachment B).

Groundwater samples were collected from monitoring wells MW-3 through MW-9 and submitted, under chain-of-custody documentation, to Kiff Analytical LLC (Kiff), a California-certified analytical laboratory (ELAP No. 2236) located in Davis, California. The groundwater samples were analyzed for: total petroleum hydrocarbons as gasoline (TPHg); the volatile aromatic compounds benzene, toluene, ethylbenzene and total xylenes (BTEX); and the fuel oxygenate methyl-t-butyl ether (MTBE) by Environmental Protection Agency (EPA) Method 8260B.

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Groundwater Monitoring Results

Depth-to-groundwater measurements were subtracted from the surveyed TOC elevations to calculate groundwater elevations as summarized in Table 1. Groundwater elevation data was used to construct a groundwater elevation contour map (Figure 2).

Groundwater analytical results for TPHg, BTEX and MTBE are summarized in Table 1. The analytical report is contained in Attachment C. Historical groundwater monitoring data are contained in Attachment D.

GeoTracker Electronic Data Deliverables

The analytical electronic data deliverable (EDD) is uploaded by Kiff. GeoTracker electronic data deliverable (EDD) files are uploaded by Horizon. The groundwater well measurement EDD (GEO_WELL) upload confirmation sheet for this quarter and the Quarterly Monitoring Report EDD (GEO_REPORT) upload confirmation sheet for the previous quarter are contained in Attachment E.

Recommendations

Horizon submitted a Site Closure Request report for this site dated June 29, 2005. Horizon recommended that the site be closed as a low-risk groundwater site.

Report Distribution

We recommend a copy of this report be forwarded to:

Ms. Misty Kaltreider
Solano County Department of Resource Management
675 Texas Street, Suite 5500
Fairfield, California 94533

Mr. James Barton
Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, California 95670

If you have any questions or require additional information, call Horizon at (916) 939-2170.

Sincerely,
HORIZON ENVIRONMENTAL INC.

REGISTERED GEOLOGIST
REXFORD K SMITH
No. 5307
STATE OF CALIFORNIA
Exp 8/07

Rexford K. Smith
Professional Geologist No. 5307

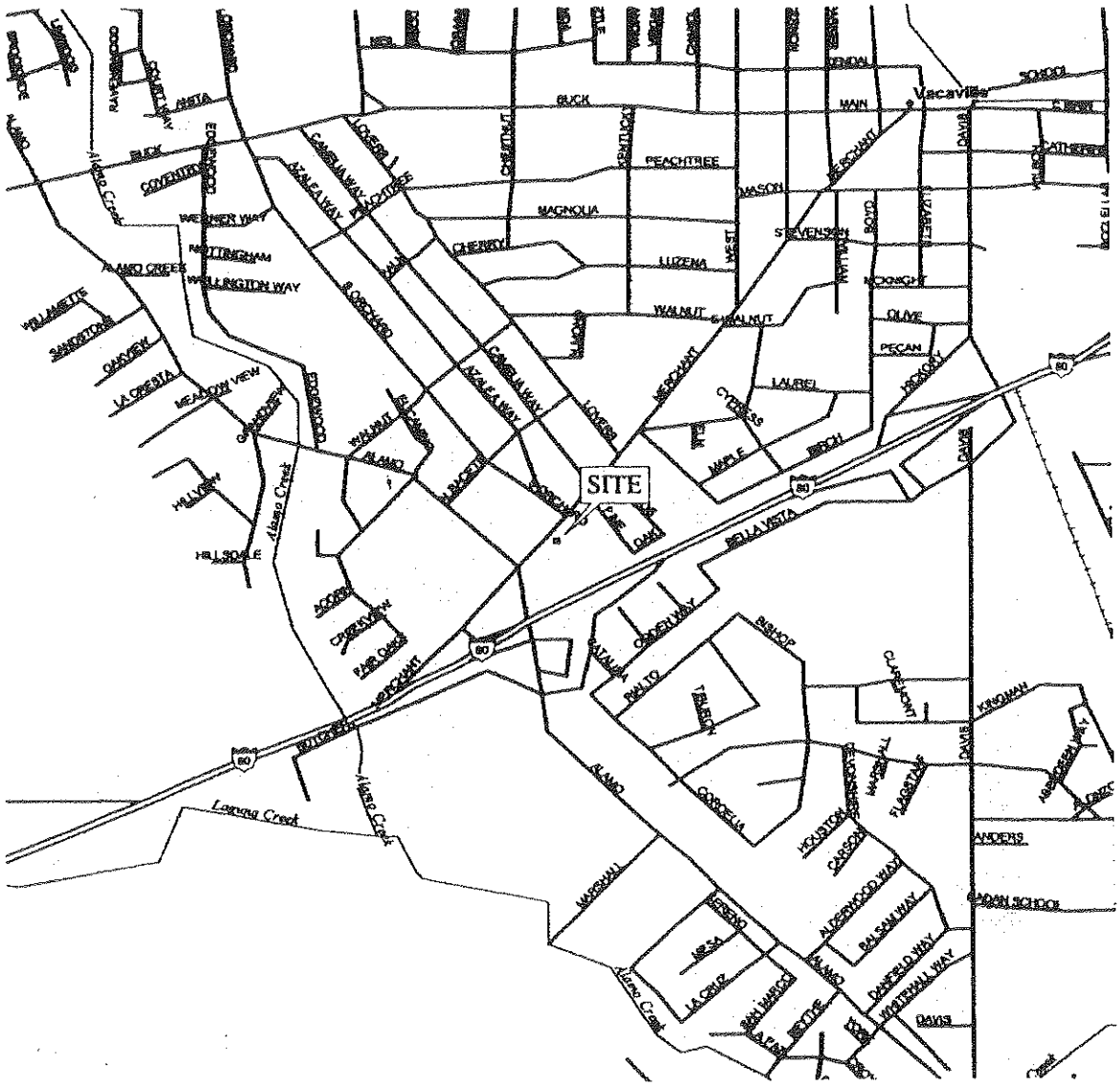
Karen P. Liptak
Staff Geologist

Attachments:

Figure 1. Site Vicinity Map
Figure 2. Site Plan / Groundwater Elevation Contour Map

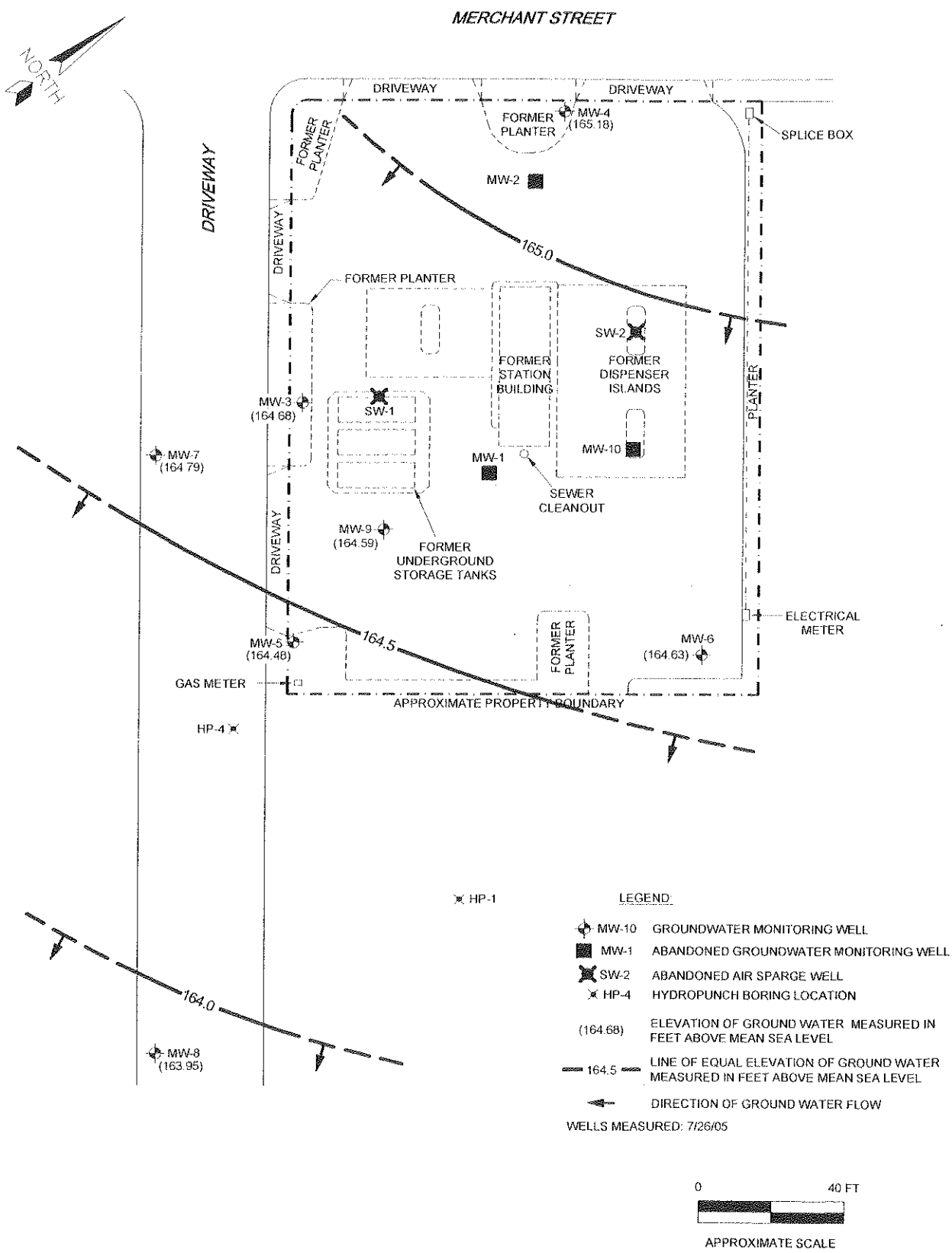
Table 1. Groundwater Monitoring Data

Attachment A: Ultramar Inc. Field Procedures
Attachment B: Doulos Sampling Information Sheets
Attachment C: Analytical Report
Attachment D: Historical Groundwater Monitoring Data
Attachment E: GeoTracker Electronic Data Deliverable Confirmation Sheets



Source: Figure Modified From Street Atlas USA, Delorme (1995).

HORIZON ENVIRONMENTAL INC.		SITE VICINITY MAP FORMER BEACON STATION 3699 921 Merchant Street Vacaville, California	FIGURE 1
Project Number: 1699.45 Prepared by: K. Liptak Reviewed by: R. Smith	Drawn By: D. Alston Date: 2/96 Revised Date:		



HORIZON ENVIRONMENTAL INC.

Project Number: 1699.46	Drawn By: M. LaCoste
Prepared By: K. Liptak	Date: 9/5/05
Reviewed By: R. Smith	Revised Date:

SITE PLAN/ GROUND WATER CONTOUR MAP

FORMER BEACON STATION NO. 3699
921 MERCHANT STREET
VACAVILLE, CALIFORNIA

FIGURE

2

TABLE 1
GROUNDWATER MONITORING DATA
Fomer Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-1	01/26/98	300	0.51	1.4	7.5	12	330	9.52	99.87	90.35	odor, no sheen
screened	05/05/98	77	<0.50	<0.50	<0.50	<0.50	20	9.37		90.5	petroleum odor, no sheen
interval	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	21	21.02		78.85	petroleum odor, no sheen
10-25'	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	8	15.91		83.96	slight odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	99.84		new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	20	11.34		88.5	slight odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	67	10.27		89.57	slight odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	77	15.41		84.43	slight odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	43	13.85		85.99	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	6.9	7.96		91.88	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	7.4	10.11		89.73	sample clear
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	24	13.03		86.81	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	17	13.46		86.38	
	12/20/00	--	--	--	--	--	--	--		--	well destroyed
MW-2	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	6.6	8.06	98.66	90.6	odor, no sheen
screened	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	7.76		90.9	petroleum odor, no sheen
interval	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	8.8	9.56		89.1	petroleum odor, no sheen
10-25'	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.13		87.53	slight odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	98.64		new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.84		88.8	slight odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	8.69		89.95	slight odor, no sheen
	08/16/99	<50	2.3	1.1	<0.50	1.4	<5.0	11.3		87.34	slight odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.4		86.24	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	6.4		92.24	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	8.56		90.08	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.55		87.09	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.01		86.63	sample clear
	12/20/00	--	--	--	--	--	--	--		--	well destroyed

TABLE 1
GROUNDWATER MONITORING DATA
Fomer Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-3	01/26/98	<50	1.8	<0.50	2.3	3.3	120	9.73	100.05	90.32	no odor, no sheen
screened	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.48		90.57	no odor, no sheen
interval	07/22/98	51	<0.50	<0.50	<0.50	<0.50	15	11.28		88.77	no odor, no sheen
10-25'	11/11/98	95	<0.50	<0.50	<0.50	<0.50	63	12.4		87.65	no odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	100.07		new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	250	11.56		88.51	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	8	10.42		89.65	no odor, no sheen
	08/16/99	69	<0.50	<0.50	<0.50	<0.50	14	12.99		87.08	no odor, no sheen
	11/17/99	61	<0.50	<0.50	<0.50	<0.50	97	14.03		86.04	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	210	8.16		91.91	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	20	10.32		89.75	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	12	13.21		86.86	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	21	13.65		86.42	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	10	11.15		88.92	sample clear
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	5.1	10.82		89.25	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	15	13.85		86.22	sample clear
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	17	15.22		84.85	sample clear
	01/30/02	<50	<0.50	<0.50	<0.50	<0.50	35	9.91		90.16	sample clear
	05/02/02	<50	<0.50	<0.50	<0.50	<0.50	1.3	11.05	176.66	165.61	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	3.4	13.41		163.25	sample clear
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	6.3	13.84		162.82	sample clear
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	0.51	9.94		166.72	sample clear
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.72		165.94	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.55		164.11	sample clear
	11/05/03	<50	<0.50	<0.50	<0.50	<0.50	0.88	13.80		162.86	sample clear
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.12		167.54	sample clear
	04/21/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.45		166.21	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.84		163.82	sample clear
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.91		163.75	sample clear
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	0.63	9.65		167.01	sample clear
	05/05/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.00		166.66	sample clear
	07/26/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.98		164.68	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Fomer Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-4	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	8.59	99.29	90.7	no odor, no sheen
screened	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	8.32		90.97	no odor, no sheen
interval	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.13		89.16	no odor, no sheen
10-25'	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.73		87.56	no odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	99.28		new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.41		88.87	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	9.28		90	no odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.89		87.39	no odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.98		86.3	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	6.98		92.3	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.13		90.15	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	12.13		87.15	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.59		86.69	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.98		89.30	sample clear
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.65		89.63	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.75		86.53	sample clear
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14.11		85.17	sample clear
	01/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	8.69		90.59	sample clear
	05/02/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.83	175.93	166.10	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.25		163.68	sample clear
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.73		163.20	no comment
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	8.71		167.22	sample clear
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.47		166.46	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.31		164.62	sample clear
	11/05/03	ns	ns	ns	ns	ns	ns	12.76		163.17	
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7.88		168.05	sample clear
	04/21/04	ns	ns	ns	ns	ns	ns	9.23		166.70	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.62		164.31	sample clear
	11/18/04	ns	ns	ns	ns	ns	ns	11.70		164.23	not sampled
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	8.41		167.52	sample clear
	05/05/05	ns	ns	ns	ns	ns	ns	8.74		167.19	not sampled
	07/26/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.75		165.18	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Fomer Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-5	01/26/98	1300	12	0.78	50	150	83	10.76	100.58	89.82	odor, no sheen
screened	05/05/98	2200	12	0.74	200	100	140	10.6		89.98	petroleum odor, no sheen
interval	07/22/98	3000	11	1.4	60	200	74	22.67		77.91	petroleum odor, no sheen
10-25'	11/11/98	260	1	<0.50	3.1	15	25	20.16		80.42	petroleum odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	100.89		new survey
	01/27/99	730	5.2	0.74	58	64	47	15.17		85.72	slight odor, no sheen, pumping
	05/21/99	na	<10	<10	40	150	1100	11.54		89.35	slight odor, no sheen
	08/16/99	2500	5	1.9	14	29	750	16.68		84.21	slight odor, no sheen
	11/17/99	2800	1.8	<0.50	5.2	16	130	15.08		85.81	
	03/06/00	1800	1.2	<0.50	0.92	24	69	9.26		91.63	
	05/09/00	940	<0.50	<0.50	2.8	13	300	11.39		89.5	
	08/21/00	3300	1.7	<1.0	3.8	9.5	120	14.25		86.64	sample clear
	10/27/00	1800	1.1	<0.50	3.0	11	83	14.66		86.23	sample clear
	02/12/01	900	1.1	<0.50	1.4	3.1	31	12.15		88.74	sample clear
	04/16/01	1300	1.1	<0.50	2.2	3.2	90	11.88		89.01	sample clear
	07/24/01	1800	1.1	<0.50	1.1	2.3	65	14.89		86.00	sample clear
	11/06/01	770	<0.50	<0.50	<0.50	<0.50	19	16.21		84.68	sample clear
	01/30/02	1700	0.63	<0.50	9.9	5.7	16	11.02		89.87	sample clear
	05/02/02	1900	<0.50	<0.50	5.9	5.6	14	12.15	177.50	165.35	sample clear
	07/29/02	1800	0.59	<0.50	2.5	2.3	14	14.50		163.00	sample clear
	11/19/02	1100	<0.50	<0.50	1.4	<0.50	13	14.87		162.63	sample clear
	03/03/03	520	<0.50	<0.50	1.1	0.63	17	11.05		166.45	sample clear
	05/29/03	910	<0.50	<0.50	1.2	1.5	23	11.81		165.69	sample clear
	07/28/03	1100	<0.50	<0.50	<0.50	0.60	10	13.61		163.89	sample clear
	11/05/03	1000	<0.50	<0.50	<0.50	<0.50	5.5	14.79		162.71	sample clear
	02/23/04	250	<0.50	<0.50	<0.50	<0.50	1.8	10.25		167.25	sample clear
	04/21/04	900	<0.50	<0.50	0.69	0.75	7.4	11.55		165.95	sample clear
	07/12/04	1000	<0.50	<0.50	<0.50	<0.50	2.8	13.91		163.59	sample clear
	11/18/04	410	<0.50	<0.50	<0.50	<0.50	1.2	13.99		163.51	sample clear
	01/18/05	290	<0.50	<0.50	<0.50	<0.50	0.64	10.74		166.76	sample clear
	05/05/05	660	<0.50	<0.50	<0.50	<0.50	2.5	11.12		166.38	sample clear
	07/26/05	690	<0.50	<0.50	<0.50	<0.50	1.4	13.02		164.48	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Fomer Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-6	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.47	100.68	90.21	no odor, no sheen
screened	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.31		90.37	no odor, no sheen
interval	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	12.06		88.62	no odor, no sheen
7-22'	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	13.51		87.17	no odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	100.66		new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	12.26		88.4	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	11.23		89.43	no odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	16.35		84.31	no odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14.74		85.92	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	8.93		91.73	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.04		89.62	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	13.95		86.71	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14.32		86.34	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.75		88.91	sample clear
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.56		89.10	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14.55		86.11	sample clear
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	15.87		84.79	sample clear
	01/30/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.69		89.97	sample clear
	05/02/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.81	177.35	165.54	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14.16		163.19	sample clear
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14.55		162.80	sample clear
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.72		166.63	sample clear
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.50		165.85	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.27		164.08	sample clear
	11/05/03	ns	ns	ns	ns	ns	ns	14.52		162.83	
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.90		167.45	sample clear
	04/21/04	ns	ns	ns	ns	ns	ns	11.25		166.10	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.57		163.78	sample clear
	11/18/04	ns	ns	ns	ns	ns	ns	13.62		163.73	not sampled
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.40		166.95	sample clear
	05/05/05	ns	ns	ns	ns	ns	ns	10.79		166.56	not sampled
	07/26/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.72		164.63	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Fomer Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-7	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.84	100.07	90.23	no odor, no sheen
screened	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.57		90.5	no odor, no sheen
interval	07/22/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.34		88.73	no odor, no sheen
7-22'	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	12.88		87.19	no odor, no sheen
	12/14/98	ns	ns	ns	ns	ns	ns	nm	100.07		new survey
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	11.64		88.43	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	<0.50	10.51		89.56	no odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	13.05		87.02	no odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	14.15		85.92	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	8.4		91.67	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.28		89.79	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	13.25		86.82	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.71		86.36	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.30		88.77	sample clear
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	7.9	10.90		89.17	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	0.63	13.70		86.37	sample clear
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	1.6	15.29		84.78	sample clear
	01/30/02	<50	<0.50	<0.50	<0.50	<0.50	0.97	9.98		90.09	sample clear
	05/02/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.09	176.71	165.62	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.28		163.43	sample clear
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.94		162.77	sample clear
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.96		166.75	sample clear
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.75		165.96	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.55		164.16	sample clear
	11/05/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	13.83		162.88	sample clear
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.40		167.31	sample clear
	04/21/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.41		166.30	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.86		163.85	sample clear
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.97		163.74	sample clear
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	9.75		166.96	sample clear
	05/05/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.08		166.63	sample clear
	07/26/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	11.92		164.79	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Fomer Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-8	01/26/98	<50	<0.50	<0.50	<0.50	<0.50	110	8.01	97.5	89.49	no odor, no sheen
screened	05/05/98	<50	<0.50	<0.50	<0.50	<0.50	110	7.84		89.66	no odor / no sheen
interval	07/22/98	290	<0.50	<0.50	<0.50	<0.50	120	9.55		87.95	no odor / no sheen
5-20'	11/11/98	<50	<0.50	<0.50	<0.50	<0.50	<5.0	10.92		86.58	no odor / no sheen
	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	9.73		87.77	no odor, no sheen
	05/21/99	na	<0.50	<0.50	<0.50	<0.50	89	8.74		88.76	no odor, no sheen
	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	320	11.16		86.34	no odor, no sheen
	11/17/99	64	<0.50	<0.50	<0.50	<0.50	240	12.12		85.38	
	03/06/00	84	<0.50	<0.50	<0.50	<0.50	77	6.49		91.01	
	05/09/00	71	<0.50	<0.50	<0.50	<0.50	83	8.57		88.93	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	120	11.32		86.18	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	3.0	11.87		85.63	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	34	9.20		88.30	sample clear
	04/16/01	81	<0.50	<0.50	<0.50	<0.50	58	9.04		88.46	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	29	11.92		85.58	sample clear
	11/06/01	69	<0.50	<0.50	<0.50	<0.50	31	13.21		84.29	sample clear
	01/30/02	69	<0.50	<0.50	<0.50	<0.50	25	8.19		89.31	sample clear
	05/02/02	75	<0.50	<0.50	<0.50	<0.50	22	9.28	174.10	164.82	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	14	11.52		162.58	sample clear
	11/19/02	72	<0.50	<0.50	<0.50	<0.50	7.3	11.88		162.22	sample clear
	03/03/03	57	<0.50	<0.50	<0.50	<0.50	5.4	8.23		165.87	sample clear
	05/29/03	60	<0.50	<0.50	<0.50	<0.50	4.7	8.97		165.13	sample clear
	07/28/03	<50	<0.50	<0.50	<0.50	<0.50	7.5	10.66		163.44	sample clear
	11/05/03	<50	<0.50	<0.50	<0.50	<0.50	7.0	11.66		162.44	sample clear
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	0.82	7.44		166.66	sample clear
	04/21/04	69	<0.50	<0.50	<0.50	<0.50	2.4	8.72		165.38	sample clear
	07/12/04	<50	<0.50	<0.50	<0.50	<0.50	2.2	10.96		163.14	sample clear
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	2.1	10.98		163.12	sample clear
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	0.64	7.91		166.19	sample clear
	05/05/05	<50	<0.50	<0.50	<0.50	<0.50	1.0	8.32		165.78	sample clear
	07/26/05	<50	<0.50	<0.50	<0.50	<0.50	0.98	10.15		163.95	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Fomer Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-9	12/14/98	810	0.51	0.75	0.59	1.9	13		99.79		new survey
screened	01/27/99	58	<0.50	<0.50	<0.50	<0.50	<5.0	11.28		88.51	no odor, no sheen
interval	05/21/99	na	<0.50	<0.50	7.6	0.74	430	10.29		89.5	no odor, no sheen
5-25'	08/16/99	690	<0.50	<0.50	0.76	<0.50	670	12.82		86.97	no odor, no sheen
	11/17/99	450	<0.50	<0.50	<0.50	<0.50	340	13.87		85.92	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	34	8.05		91.74	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	56	10.17		89.62	
	08/21/00	130	<0.50	<0.50	<0.50	<0.50	110	13.04		86.75	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	34	13.48		86.31	sample clear
	02/12/01	<50	<0.50	<0.50	<0.50	<0.50	23	11.15		88.64	sample clear
	04/16/01	<50	<0.50	<0.50	<0.50	<0.50	25	10.65		89.14	sample clear
	07/24/01	<50	<0.50	<0.50	<0.50	<0.50	31	13.68		86.11	sample clear
	11/06/01	<50	<0.50	<0.50	<0.50	<0.50	11	15.01		84.78	sample clear
	01/30/02	850	<0.50	<0.50	<0.50	<0.50	8.7	9.69		90.10	sample clear
	05/02/02	250	<0.50	<0.50	<0.50	<0.50	4.9	10.81	176.30	165.49	sample clear
	07/29/02	<50	<0.50	<0.50	<0.50	<0.50	16	13.15		163.15	
	11/19/02	<50	<0.50	<0.50	<0.50	<0.50	2.4	13.56		162.74	sample clear
	03/03/03	<50	<0.50	<0.50	<0.50	<0.50	2.0	9.70		166.60	sample clear
	05/29/03	<50	<0.50	<0.50	<0.50	<0.50	1.4	10.46		165.84	sample clear
	07/28/03	210	<0.50	<0.50	<0.50	<0.50	16	12.28		164.02	sample clear
	11/05/03	<50	<0.50	<0.50	<0.50	<0.50	9.3	13.55		162.75	sample clear
	02/23/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	8.89		167.41	sample clear
	04/21/04	250	<0.50	<0.50	<0.50	<0.50	5.7	10.24		166.06	sample clear
	07/12/04	150	<0.50	<0.50	<0.50	<0.50	5.5	12.56		163.74	sample clear
	11/18/04	72	<0.50	<0.50	<0.50	<0.50	<0.50	12.62		163.68	sample clear
	01/18/05	<50	<0.50	<0.50	<0.50	<0.50	0.76	9.41		166.89	sample clear
	05/05/05	150	<0.50	<0.50	<0.50	<0.50	1.3	9.67		166.63	sample clear
	07/26/05	96	<0.50	<0.50	<0.50	<0.50	2.8	11.71		164.59	sample clear

TABLE 1
GROUNDWATER MONITORING DATA
Fomer Beacon Station No. 3699, Vacaville, California

Well Number	Date	TPHg (ppb)	benzene (ppb)	toluene (ppb)	ethylbenzene (ppb)	xylenes (ppb)	MTBE (ppb)	Depth to GW (feet)	TOC Elevation (feet msl)	GW Elevation (feet msl)	Comments
MW-10	12/14/98	350	3.4	0.88	<0.50	0.83	<5.0		99.12		new survey
screened	01/27/99	<50	<0.50	<0.50	<0.50	<0.50	7.9	10.54		88.58	no odor, no sheen
interval	05/21/99	na	<0.50	<0.50	<0.50	<0.50	15	9.45		89.67	no odor, no sheen
5-25'	08/16/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	14.61		84.51	no odor, no sheen
	11/17/99	<50	<0.50	<0.50	<0.50	<0.50	0.92	13.04		86.08	
	03/06/00	<50	<0.50	<0.50	<0.50	<0.50	8.3	7.15		91.97	
	05/09/00	<50	<0.50	<0.50	<0.50	<0.50	27	9.3		89.82	
	08/21/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	12.24		86.88	sample clear
	10/27/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	12.64		86.48	sample clear
	12/20/00	--	--	--	--	--	--	--		--	well destroyed

Notes:
TPHg = total petroleum hydrocarbons as gasoline
MTBE = methyl tert-butyl ether
GW = groundwater
TOC = top of casing
msl = mean sea level

< = less than indicated reporting limit
ns = not sampled
nm = not measured

ATTACHMENT A

ULTRAMAR INC. FIELD PROCEDURES

HORIZON ENVIRONMENTAL INC.
GROUNDWATER MONITORING
FIELD METHODS AND PROCEDURES

The following section describes field procedures that will be completed by Horizon Environmental Inc. (Horizon) personnel in performance of the tasks involved with this project.

1.0 HEALTH AND SAFETY PLAN

Field work performed by Horizon and subcontractors at the site will be conducted according to guidelines established in a Site Health and Safety Plan (SHSP). The SHSP is a document that describes the hazards that may be encountered in the field and specifies protective equipment, work procedures, and emergency information. A copy of the SHSP will be at the site and available for reference by appropriate parties during work at the site.

2.0 GROUNDWATER DEPTH EVALUATION

Each monitoring well is opened and allowed to equalize to atmospheric pressure prior to sounding. Depth-to-water is measured to the nearest 0.01-foot using an electronic, hand-held, water-level indicator. The measuring point is the survey mark on the top of the well casing. The tip of the probe is examined in order to determine the presence or absence of product sheen.

3.0 MONITORING WELL PURGING & SAMPLING

Prior to purging, a clean, transparent bailer is lowered into the well, and a sample of groundwater is hoisted to the surface. The sample fluid is inspected for the presence of free-floating product on its surface. Sampling activities conducted subsequent to the initial well development activity will be preceded by purging a minimum of three well volumes by hand-bailing or the use of an electrically-operated pump. Purge water will be monitored for the parameters of temperature, pH, and electrical conductivity until stabilized.

If required, field readings for dissolved oxygen (dO_2), displayed in tenths of parts per million (ppm x 0.1), will be obtained utilizing Hanna Instruments' hand-held, HI-9142 Portable Dissolved Oxygen Meter. Generally, higher dO_2 concentrations are expected in samples, which are unimpacted or marginally impacted by hydrocarbons than for samples collected from monitoring wells which yield hydrocarbon-impacted water.

A well is allowed to recharge to at least 80% of its prepurge volume prior to sampling. If a well dewaters, it will be allowed to recharge for a minimum of one to two hours prior to sampling. After the water level within the well has stabilized, a sample is collected within a dedicated, clean, disposable, plastic bailer lowered into the well and hoisted when filled.

4.0 SAMPLE PREPARATION & TRANSPORT FOR LABORATORY ANALYSIS

Samples will be transferred to airtight vials, chilled on ice, and transported to a California DoHS-certified laboratory for analysis. Samples will be analyzed within the EPA-specified holding time for the requested analysis. Each sample container submitted for analysis will have a label affixed to identify the job number, sample date, time of sample collection, and a sample number unique to that sample.

A chain-of-custody form will be used to record possession of the sample from time of collection to its arrival at the laboratory. When the samples are shipped, the responsible technician or geologist relinquishes custody of the samples by signing the chain-of-custody form, noting the date and time. The sample-control officer at the laboratory:

- verifies sample integrity;
- confirms storage in the proper container;
- recognizes that an adequate volume of fluid has been collected for the required analysis;
- identifies the method of preservation; and
- accepts custody for the laboratory when these conditions have been satisfied.

ATTACHMENT B

DOULOS SAMPLING

INFORMATION SHEETS

DOULOS ENVIRONMENTAL, INC.
GROUNDWATER/LIQUID LEVEL DATA
(measurements in feet)

Project Address: Beacon # 3699 921 Merchant 153 E. 11th St.
Vacaville, Ca.

Date: 7-26-05

Recorded by:

Project No.: 3699-69

Well No.	Time	Well Elev. TOC	Depth to Groundwater	Measured Total Depth	Groundwater Elevation	Depth to Product	Product Thickness	Comments
mw-3	7:25		11.98	25.35				
mw-4	7:30		10.75	25.30				
mw-5	7:20		13.02	24.23				
mw-6	7:34		12.72	22.07				
mw-7	7:10		11.92	27.70				
mw-8	7:14		10.15	19.70				
mw-9	7:18		11.71	24.81				

Notes:

DOULOS ENVIRONMENTAL, INC. SAMPLING INFORMATION SHEET

Client: Ultramar

Site: Beacon #3699
921 Merchant
Vacaville, Ca.

Sampling Date: 7-26-05

Project No.:

Well Designation: MW-3

Is setup of traffic control devices required? (NO) YES time: _____ hours
Is there standing water in the well box? (NO) YES
Is top of casing cut level? NO (YES) Above TOC Below TOC
Is well cap sealed and locked? NO (YES) If no, see remarks
Height of well casing riser (in inches): _____ If no, see remarks
Well cover type: 8" or 12" UV ____ 12" EMCO ____ 8" or 12" BK ____ 8" Christy ____
12" Christy ____ 8" M&D ____ 12" M&D ____ 12" DWP ____
12" CNI ____ 36" CNI ____ 12" Pomeco ____ Other: ____
General condition of wellhead assembly: Excellent ____ Good X Fair ____ Poor ____

Purging Equipment: ____ 2" disposable bailer ____ Submersible pump
____ 2" PVC bailer ____ Dedicated bailer
____ 4" PVC bailer X Centrifugal pump
Sampled with: Disposable bailer X Teflon bailer ____ Disposable Tubing ____

Well Diameter: 2" ____ 4" ____ 6" X 8" ____
Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement
Time: 7:25
Depth of well: 25.35
Depth to water: 11-98

Recharge Measurement
Time: 9:30
Depth to water: 13.40

Calculated purge: 78-6
Actual purge: 78-6

Start purge: 9:06 Sampling time: 9:31

Time	Temperature	E.C.	pH	Turbidity	Volume
9:10	70.0	380	7.34		1
9:15	70.3	372	7.19		2
9:20	70.6	351	7.06		3
9:24	70.8	340	7.04		4

Sample appearance: Clear Lock: NA

Equipment replaced: (check all that apply) Note condition of replaced item(s)
2" Locking Cap: ____ Lock: ____ 7/32 Allenhead: ____
4" Locking Cap: ____ Lock-Dolphin: ____ 9/16 Bolt: ____
6" Locking Cap: ____ Pinned Allenhead (DWP): ____

Remarks: ____

Signature: ____

DOULOS ENVIRONMENTAL, INC. SAMPLING INFORMATION SHEET

Client: Ultramar

Site: Beacon #3699
921 Merchant
Vacaville, Ca.

Sampling Date: 7-26-05

Project No.:

Well Designation: MW-4

Is setup of traffic control devices required? (NO) YES time: ____ hours
Is there standing water in the well box? (NO) YES
Is top of casing cut level? NO (YES) Above TOC Below TOC
Is well cap sealed and locked? NO (YES) If no, see remarks
Height of well casing riser (in inches): 5 If no, see remarks
Well cover type: 8" or 12" UV ____ 12" EMCO ____ 8" or 12" BK X 8" Christy ____
12" Christy ____ 8" M&D ____ 12" M&D ____ 12" DWP ____
12" CNI ____ 36" CNI ____ 12" Pomeco ____ Other: ____
General condition of wellhead assembly: Excellent ____ Good X Fair ____ Poor ____

Purging Equipment: ____ 2" disposable bailer ____ Submersible pump
____ 2" PVC bailer ____ Dedicated bailer
____ 4" PVC bailer X Centrifugal pump
Sampled with: Disposable bailer X Teflon bailer ____ Disposable Tubing ____

Well Diameter: 2" X 4" ____ 6" ____ 8" ____
Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement
Time: 7:30
Depth of well: 25.30
Depth to water: 10.75

Recharge Measurement
Time: 9:46
Depth to water: 11.88

Calculated purge: 9.3
Actual purge: 9.3

Start purge: 9:37 Sampling time: 9:47

Time	Temperature	E.C.	pH	Turbidity	Volume
9:38	70.1	580	7.45		1
9:39	70.5	493	7.18		2
9:40	71.3	410	7.12		3
9:41	71.9	404	7.08		4

Sample appearance: Clear Lock: Dolphin

Equipment replaced: (check all that apply) Note condition of replaced item(s)
2" Locking Cap: ____ Lock: ____ 7/32 Allenhead: ____
4" Locking Cap: ____ Lock-Dolphin: ____ 9/16 Bolt: ____
6" Locking Cap: ____ Pinned Allenhead (DWP): ____

Remarks:

Signature:

DOULOS ENVIRONMENTAL, INC. SAMPLING INFORMATION SHE

Client: Ultramar

Site: Beacon #3699
921 Merchant
Vacaville,Ca.

Sampling Date: 7-26-05

Project No.:

Well Designation: MW-5

Is setup of traffic control devices required? (NO) YES time: _____ hours
Is there standing water in the well box? (NO) YES
Is top of casing cut level? NO (YES) Above TOC Below TOC
Is well cap sealed and locked? NO (YES) If no, see remarks
Height of well casing riser (in inches): 5 If no, see remarks
Well cover type: 8" or 12" UY ____ 12" EMCO ____ 8" or 12" BK ____ 8" Christy ____
12" Christy ____ 8" M&D ____ 12" M&D ____ 12" DWP ____
12" CNI 24 36" CNI ____ 12" Pomeco ____ Other: ____
General condition of wellhead assembly: Excellent ____ Good X Fair ____ Poor ____

Purging Equipment: ____ 2" disposable bailer ____ Submersible pump
____ 2" PVC bailer ____ Dedicated bailer
____ 4" PVC bailer X Centrifugal pump
Sampled with: Disposable bailer X Teflon bailer ____ Disposable Tubing ____

Well Diameter: 2" ____ 4" ____ 6" X 8" ____
Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement
Time: 7:20
Depth of well: 24.23
Depth to water: 13.02

Recharge Measurement
Time: 8:54
Depth to water: 15.80

Calculated purge: 66
Actual purge: 66

Start purge: 8:30 Sampling time: 8:55

Time	Temperature	E.C.	pH	Turbidity	Volume
8:35	70.8	530	7.45		1
8:40	71.2	470	7.24		2
8:45	72.3	430	7.16		3
8:50	72.5	419	7.14		4

Sample appearance: clear Lock: NA

Equipment replaced: (check all that apply) Note condition of replaced item(s)
2" Locking Cap: ____ Lock: ____ 7/32 Allenhead: ____
4" Locking Cap: ____ Lock-Dolphin: ____ 9/16 Bolt: ____
6" Locking Cap: ____ Pinned Allenhead (DWP): ____

Remarks:

Signature:

DOULOS ENVIRONMENTAL, INC. SAMPLING INFORMATION SHE

Client: Ultramar

Site: Beacon #3699
921 Merchant
Vacaville, Ca.

Sampling Date: 7-26-05

Project No.:

Well Designation: MW-6

Is setup of traffic control devices required? (NO) YES
Is there standing water in the well box? (NO) YES
Is top of casing cut level? NO (YES)
Is well cap sealed and locked? NO (YES)
Height of well casing riser (in inches): 5

time: _____ hours
Above TOC Below TOC
If no, see remarks
If no, see remarks

Well cover type: 8" or 12" UV ____ 12" EMCO ____ 8" or 12" BK ____ 8" Christy ____
12" Christy X 8" M&D ____ 12" M&D ____ 12" DWP ____
12" CNI ____ 36" CNI ____ 12" Pomeco ____ Other: ____
General condition of wellhead assembly: Excellent ____ Good X Fair ____ Poor ____

Purging Equipment: ____ 2" disposable bailer ____ Submersible pump
____ 2" PVC bailer ____ Dedicated bailer
____ 4" PVC bailer X Centrifugal pump
Sampled with: Disposable bailer X Teflon bailer ____ Disposable Tubing ____

Well Diameter: 2" X 4" ____ 6" ____ 8" ____
Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement
Time: 7:34
Depth of well: 22.07
Depth to water: 12.72

Recharge Measurement
Time: 10:00
Depth to water: 14.30

Calculated purge: 6.0
Actual purge: 6.0

Start purge: 9:52 Sampling time: 10:04

Time	Temperature	E.C.	pH	Turbidity	Volume
9:53	72.5	370	7.30		1
9:54	72.6	314	7.15		2
9:55	73.1	296	7.09		3
9:56	73.4	290	7.04		4

Sample appearance: Clear Lock: Dolphin

Equipment replaced: (check all that apply)
2" Locking Cap: ____ Lock: ____
4" Locking Cap: ____ Lock-Dolphin: ____
6" Locking Cap: ____

Note condition of replaced item(s)
7/32 Allenhead: ____
9/16 Bolt: ____
Pinned Allenhead (DWP): ____

Remarks:

Signature:

DOULOS ENVIRONMENTAL, INC. SAMPLING INFORMATION SHEE

Client: Ultramar

Site: Beacon #3699
921 Merchant
Vacaville, Ca.

Sampling Date: 7-26-05

Project No.:

Well Designation: MW-7

Is setup of traffic control devices required? (NO) YES time: _____ hours
Is there standing water in the well box? (NO) YES Above TOC Below TOC
Is top of casing cut level? NO (YES) If no, see remarks
Is well cap sealed and locked? NO (YES) If no, see remarks
Height of well casing riser (in inches): 5
Well cover type: 8" or 12" UV ____ 12" EMCO ____ 8" or 12" BK ____ 8" Christy ____
12" Christy X 8" M&D ____ 12" M&D ____ 12" DWP ____
12" CNI ____ 36" CNI ____ 12" Pomeco ____ Other: ____
General condition of wellhead assembly: Excellent ____ Good X Fair ____ Poor ____

Purging Equipment: ____ 2" disposable bailer ____ Submersible pump
____ 2" PVC bailer ____ Dedicated bailer
____ 4" PVC bailer X Centrifugal pump
Sampled with: Disposable bailer X Teflon bailer ____ Disposable Tubing ____

Well Diameter: 2" X 4" ____ 6" ____ 8" ____
Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement
Time: 7:10
Depth of well: 27.70
Depth to water: 11.92

Recharge Measurement
Time: 7:50
Depth to water: 13.50

Calculated purge: 14
Actual purge: 14

Start purge: 7:40 Sampling time: 7:51

Time	Temperature	E.C.	pH	Turbidity	Volume
7:41	73.6	350	7.40		1
7:42	73.4	310	7.33		2
7:43	73.5	295	7.25		3
7:44	73.7	293	7.20		4

Sample appearance: clear Lock: Dolphin

Equipment replaced: (check all that apply) Note condition of replaced item(s)
2" Locking Cap: ____ Lock: ____ 7/32 Allenhead: ____
4" Locking Cap: ____ Lock-Dolphin: ____ 9/16 Bolt: ____
6" Locking Cap: ____ Pinned Allenhead (DWP): ____

Remarks:

Signature:

DOULOS ENVIRONMENTAL, INC. SAMPLING INFORMATION SHEET

Client: Ultramar

Site: Beacon #3699
921 Merchant
Vacaville, Ca.

Sampling Date: 7-26-05

Project No.:

Well Designation: MW-8

Is setup of traffic control devices required? (NO) YES
Is there standing water in the well box? (NO) YES
Is top of casing cut level? NO (YES)
Is well cap sealed and locked? NO (YES)
Height of well casing riser (in inches): 8

time: _____ hours
Above TOC Below TOC
If no, see remarks
If no, see remarks

Well cover type: 8" or 12" UV ____ 12" EMCO ____ 8" or 12" BK ____ 8" Christy ____
12" Christy X 8" M&D ____ 12" M&D ____ 12" DWP ____
12" CNI ____ 36" CNI ____ 12" Pomeco ____ Other: ____
General condition of wellhead assembly: Excellent ____ Good X Fair ____ Poor ____

Purging Equipment: ____ 2" disposable bailer ____ Submersible pump
____ 2" PVC bailer ____ Dedicated bailer
____ 4" PVC bailer X Centrifugal pump
Sampled with: Disposable bailer X Teflon bailer ____ Disposable Tubing ____

Well Diameter: 2" X 4" ____ 6" ____ 8" ____
Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement
Time: 7:14
Depth of well: 19.70
Depth to water: 10.15

Recharge Measurement
Time: 8:06
Depth to water: 12.08

Calculated purge: 6.1
Actual purge: 6.1

Start purge: 7:59 Sampling time: 8:07

Time	Temperature	E.C.	pH	Turbidity	Volume
8:00	72.3	693	7.48		1
8:01	72.5	680	7.31		2
8:02	73.4	590	7.25		3
8:03	73.8	550	7.20		4

Sample appearance: Clear Lock: Dolphin

Equipment replaced: (check all that apply)
2" Locking Cap: ____
4" Locking Cap: ____
6" Locking Cap: ____
Lock: ____
Lock-Dolphin: ____
Note condition of replaced item(s)
7/32 Allenhead: ____
9/16 Bolt: ____
Pinned Allenhead (DWP): ____

Remarks:

Signature:

DOULOS ENVIRONMENTAL, INC. SAMPLING INFORMATION SHE

Client: Ultramar

Site: Beacon #3699
921 Merchant
Vacaville, Ca.

Sampling Date: 7-26-05

Project No.:

Well Designation: MW-9

Is setup of traffic control devices required? (NO) YES
Is there standing water in the well box? (NO) YES — time: _____ hours
Is top of casing cut level? NO (YES) — Above TOC Below TOC
Is well cap sealed and locked? NO (YES) — If no, see remarks
Height of well casing riser (in inches): 6 — If no, see remarks
Well cover type: 8" or 12" UV ____ 12" EMCO ____ 8" or 12" BK ____ 8" Christy ____
12" Christy ____ 8" M&D ____ 12" M&D ____ 12" DWP ____
12" CNI X 36" CNI ____ 12" Pomeco ____ Other: ____
General condition of wellhead assembly: Excellent ____ Good X Fair ____ Poor ____

Purging Equipment: ____ 2" disposable bailer ____ Submersible pump
____ 2" PVC bailer ____ Dedicated bailer
____ 4" PVC bailer X Centrifugal pump
Sampled with: Disposable bailer X Teflon bailer ____ Disposable Tubing ____

Well Diameter: 2" ____ 4" X 6" ____ 8" ____
Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement
Time: 7:18
Depth of well: 24.81
Depth to water: 11.71

Recharge Measurement
Time: 10:10
Depth to water: 12.88

Calculated purge: 34
Actual purge: 34

Start purge: 8:12 Sampling time: 10:11

Time	Temperature	E.C.	pH	Turbidity	Volume
8:14	71.9	410	7.12		
8:17	72.2	395	7.04		1
8:20	72.8	330	6.96		2
8:24	73.1	315	6.90		3
					4

Sample appearance: clear Lock: Dolphin

Equipment replaced: (check all that apply) Note condition of replaced item(s)
2" Locking Cap: ____ Lock: ____ 7/32 Allenhead: ____
4" Locking Cap: ____ Lock-Dolphin: ____ 9/16 Bolt: ____
6" Locking Cap: ____ Pinned Allenhead (DWP): ____

Remarks: ____

Signature: ____

ATTACHMENT C

ANALYTICAL REPORT

KIFF Analytical LLC

Report Number : 45027
Date : 8/2/2005

Rex Smith
Horizon Environmental
4970 Windplay Drive, Suite 5
El Dorado Hills, CA 95762

Subject : 7 Water Samples
Project Name : Beacon
Project Number : 3699 Vacaville
P.O. Number : 3699-77

Dear Mr. Smith,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 45027

Date : 8/2/2005

Project Name : **Beacon**

Project Number : **3699 Vacaville**

Sample : **MW-3** Matrix : Water Lab Number : 45027-01

Sample Date :7/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/29/2005
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	7/29/2005
4-Bromofluorobenzene (Surr)	93.1		% Recovery	EPA 8260B	7/29/2005

Sample : **MW-4** Matrix : Water Lab Number : 45027-02

Sample Date :7/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/29/2005
Toluene - d8 (Surr)	92.8		% Recovery	EPA 8260B	7/29/2005
4-Bromofluorobenzene (Surr)	90.0		% Recovery	EPA 8260B	7/29/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 45027

Date : 8/2/2005

Project Name : **Beacon**

Project Number : **3699 Vacaville**

Sample : **MW-5** Matrix : Water Lab Number : 45027-03

Sample Date :7/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Methyl-t-butyl ether (MTBE)	**1.4**	0.50	ug/L	EPA 8260B	7/29/2005
TPH as Gasoline	**690**	50	ug/L	EPA 8260B	7/29/2005
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	7/29/2005
4-Bromofluorobenzene (Surr)	94.5		% Recovery	EPA 8260B	7/29/2005

Sample : **MW-6** Matrix : Water Lab Number : 45027-04

Sample Date :7/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/29/2005
Toluene - d8 (Surr)	93.4		% Recovery	EPA 8260B	7/29/2005
4-Bromofluorobenzene (Surr)	90.4		% Recovery	EPA 8260B	7/29/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 45027

Date : 8/2/2005

Project Name : **Beacon**

Project Number : **3699 Vacaville**

Sample : **MW-7** Matrix : Water Lab Number : 45027-05

Sample Date :7/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/29/2005
Toluene - d8 (Surr)	92.9		% Recovery	EPA 8260B	7/29/2005
4-Bromofluorobenzene (Surr)	89.0		% Recovery	EPA 8260B	7/29/2005

Sample : **MW-8** Matrix : Water Lab Number : 45027-06

Sample Date :7/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/29/2005
Methyl-t-butyl ether (MTBE)	**0.98**	0.50	ug/L	EPA 8260B	7/29/2005
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	7/29/2005
Toluene - d8 (Surr)	91.8		% Recovery	EPA 8260B	7/29/2005
4-Bromofluorobenzene (Surr)	91.7		% Recovery	EPA 8260B	7/29/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 45027

Date : 8/2/2005

Project Name : **Beacon**

Project Number : **3699 Vacaville**

Sample : **MW-9** Matrix : Water Lab Number : 45027-07

Sample Date :7/26/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/30/2005
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	7/30/2005
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	7/30/2005
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	7/30/2005
Methyl-t-butyl ether (MTBE)	**2.8**	0.50	ug/L	EPA 8260B	7/30/2005
TPH as Gasoline	**96**	50	ug/L	EPA 8260B	7/30/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	7/30/2005
4-Bromofluorobenzene (Surr)	90.4		% Recovery	EPA 8260B	7/30/2005

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 45027

Date : 8/2/2005

QC Report : Method Blank Data

Project Name : **Beacon**

Project Number : **3699 Vacaville**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	7/29/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	7/29/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	7/29/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	7/29/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	7/29/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	7/29/2005
Toluene - d8 (Surr)	98.7		%	EPA 8260B	7/29/2005
4-Bromofluorobenzene (Surr)	94.0		%	EPA 8260B	7/29/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	7/30/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	7/30/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	7/30/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	7/30/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	7/30/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	7/30/2005
Toluene - d8 (Surr)	99.4		%	EPA 8260B	7/30/2005
4-Bromofluorobenzene (Surr)	90.2		%	EPA 8260B	7/30/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 45027

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 8/2/2005

Project Name : **Beacon**

Project Number : **3699 Vacaville**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	45027-01	<0.50	40.0	39.9	39.7	39.8	ug/L	EPA 8260B	7/29/05	99.2	99.6	0.397	70-130	25
Toluene	45027-01	<0.50	40.0	39.9	39.7	39.8	ug/L	EPA 8260B	7/29/05	99.2	99.8	0.626	70-130	25
Tert-Butanol	45027-01	<5.0	200	200	197	192	ug/L	EPA 8260B	7/29/05	98.6	96.2	2.48	70-130	25
Methyl-t-Butyl Ether	45027-01	<0.50	40.0	39.9	40.4	39.0	ug/L	EPA 8260B	7/29/05	101	97.8	3.10	70-130	25
Benzene	45089-02	<0.50	40.0	40.0	39.2	38.5	ug/L	EPA 8260B	7/30/05	98.0	96.4	1.68	70-130	25
Toluene	45089-02	<0.50	40.0	40.0	38.8	38.2	ug/L	EPA 8260B	7/30/05	97.0	95.4	1.60	70-130	25
Tert-Butanol	45089-02	<5.0	200	200	190	185	ug/L	EPA 8260B	7/30/05	95.2	92.6	2.74	70-130	25
Methyl-t-Butyl Ether	45089-02	<0.50	40.0	40.0	34.8	34.6	ug/L	EPA 8260B	7/30/05	87.0	86.6	0.451	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 45027

QC Report : Laboratory Control Sample (LCS)

Date : 8/2/2005

Project Name : **Beacon**

Project Number : **3699 Vacaville**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	7/29/05	99.4	70-130
Toluene	40.0	ug/L	EPA 8260B	7/29/05	99.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	7/29/05	99.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	7/29/05	101	70-130
Benzene	40.0	ug/L	EPA 8260B	7/30/05	98.9	70-130
Toluene	40.0	ug/L	EPA 8260B	7/30/05	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	7/30/05	97.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	7/30/05	87.6	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Lab No. 45027 Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF to): R.Smith

EDF Report? [X] Yes [ ] No

Company/Address: HORIZON

Recommended but not mandatory to complete this section:

Sampling Company Log Code: DEIO

Phone No.: 939-2170 FAX No.: 939-2172

Global ID: T0609500391

Project Number: 3699 Vacaville P.O. No.: 3699-77

EDF Deliverable to (Email Address): rsmith@horizonenvitonmental.net

Project Name: Beacon

Project Address: Vacaville

Sampler Signature (below): Project Address: Edgar Alinetu

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: SLEEVE	Preservative: HCl	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Matrix: WATER	Matrix: SOIL	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)	TAT: 12 hr/24 hr/48 hr/72 hr/1 wk	For Lab Use Only
mw-3	7-26-05	9:31	3		X		X		X						X									5 DAY	-01
mw-4		9:47																							-02
mw-5		8:55																							-03
mw-6		10:04																							-04
mw-7		7:51																							-05
mw-8		8:07																							-06
mw-9		10:11																							-07

Relinquished by:	Date	Time	Received by:
[signature]	072705	1230	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	072705	1231	[signature] Kiff Analytical

Remarks: **Sample Receipt**
Temp °C 4°C Therm. ID# IR-3
Initial BHB
Date 072705 Time 1435
Coolant present: Yes / No

Bill to: JOE ALDRIDGE

Distribution: White - Lab, Pink - Originator

Forms/coc 121001.fh9

ATTACHMENT D

HISTORICAL GROUNDWATER MONITORING DATA

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-1	01/13/92	99.77	14.69	85.08		
	04/06/92		11.64	88.13		
	07/27/92		14.77	85.00		
	02/01/93		8.98	90.79		
	03/24/93		8.88	90.89	24.20	
	06/08/93		9.01	90.76	24.20	
	09/14/93		12.87	86.90	24.16	
	12/09/93		13.42	86.35	24.16	
	03/07/94		11.77	88.00	24.85	
	06/09/94		12.83	86.94	24.85	
	09/06/94		15.17	84.60	24.85	
	12/13/94		12.97	86.80	24.73	
	02/27/95		9.46	90.31	25.09	
	06/07/95		10.27	89.50	24.73	
	09/11/95		13.34	86.43	24.72	
	12/26/95		11.35	88.42	24.72	
	03/19/96		7.91	91.86	24.73	
	06/10/96	99.87	10.36	89.51	24.21	
	09/17/96		22.15	77.72	24.26	
	12/11/96		22.19	77.68	24.27	
	03/12/97		9.66	90.21	24.27	
	05/23/97		22.20	77.67	24.26	
	08/18/97		20.67	79.20	24.27	
	11/06/97		13.71	86.16	24.28	
MW-2	01/13/92	98.66	13.40	85.26		
	04/06/92		10.23	88.43		
	07/27/92		13.44	85.22		
	02/01/93		7.51	91.15		
	03/24/93		7.43	91.23	21.70	
	06/08/93		7.57	91.09	21.67	
	09/14/93		11.43	87.23	21.66	
	12/09/93		11.98	86.68	21.66	
	03/07/94		10.39	88.27	22.83	
	06/09/94		11.46	87.20	22.83	
	09/06/94		13.83	84.83	22.83	
	12/13/94		11.64	87.02	22.71	
	02/27/95		7.99	90.67	24.83	
	06/07/95		8.83	89.83	22.72	
	09/11/95		11.98	86.68	22.76	
	12/26/95		9.94	88.72	22.75	
	03/19/96		6.42	92.24	22.75	
	06/10/96	98.66	8.79	89.87	24.35	
	09/17/96		12.17	86.79	24.39	
	12/11/96		9.60	89.06	24.36	
	03/12/97		8.01	90.65	24.82	
	05/23/97		9.73	88.93	24.83	
	08/18/97		12.24	86.42	24.81	
	11/06/97		13.04	85.62	24.80	

NOTES:
[1] = Measurement and reference elevation taken from notch/mark on top north side of well casing.
[2] = Elevation referenced to arbitrary point on site, assumed elevation 100.00 feet.
Well Depth = Measurement from top of casing to bottom of well.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-3	01/13/92	100.59	15.52	85.07		
	04/06/92		12.45	88.14		
	07/27/92		15.58	85.01		
	02/01/93		9.92	90.67		
	03/24/93		9.97	90.62	23.11	Heavy Sheen
	06/08/93		10.26	90.33	23.09	
	09/14/93		13.78	86.81	23.10	
	12/09/93		14.66	85.93	23.10	
	03/07/94		12.57	88.02	23.15	
	06/09/94		13.61	86.98	23.17	
	09/06/94		15.94	84.65	23.17	
	12/13/94		13.78	86.81	23.09	
	02/27/95		10.23	90.36	25.01	
	06/07/95		11.05	89.54	23.10	
	09/11/95		14.11	86.48	23.15	
	12/26/95		12.14	88.45	23.13	
	03/19/96		8.69	91.90	23.12	
	06/10/96	100.05	10.51	89.54	24.34	
	09/17/96		17.53	82.52	24.33	
	12/11/96		22.00	78.05	24.36	
	03/12/97		14.22	85.83	24.36	
	05/23/97		11.70	88.35	24.36	
	08/18/97		18.10	81.95	24.36	
	11/06/97		14.51	85.54	24.36	
MW-4	01/13/92	99.30	13.98	85.32		
	04/06/92		10.83	88.47		
	07/27/92		14.05	85.25		
	02/01/93		8.10	91.20		
	03/24/93		7.99	91.31	25.19	
	06/08/93		8.21	91.09	25.20	
	09/14/93		13.08	86.22	25.20	
	12/09/93		13.11	80.19	25.20	
	03/07/94		10.97	82.33	25.26	
	06/09/94		12.02	81.28	25.28	
	09/06/94		14.44	78.86	25.19	
	12/13/94		12.25	81.05	25.07	
	02/27/95		8.57	90.73	25.21	
	06/07/95		9.39	89.91	25.10	
	09/11/95		12.57	86.73	25.13	
	12/26/95		10.54	88.76	25.13	
	03/19/96		6.98	92.32	25.14	
	06/10/96	99.29	9.36	89.93	25.16	
	09/17/96		12.75	86.54	25.16	
	12/11/96		10.18	89.11	25.14	
	03/12/97		8.57	90.72	25.20	
	05/23/97		10.30	88.99	25.21	
	08/18/97		12.81	86.48	25.20	
	11/06/97		13.62	85.67	25.20	

NOTES:
[1] = Measurement and reference elevation taken from notch/mark on top north side of well casing.
[2] = Elevation referenced to arbitrary point on site, assumed elevation 100.00 feet.
Well Depth = Measurement from top of casing to bottom of well.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-5	01/13/92	101.03	16.11	84.92		
	04/06/92		13.04	87.99		
	07/27/92		16.19	84.84		
	02/01/93		10.46	90.57		
	03/24/93		10.35	90.68	22.22	Heavy Sheen
	06/08/93		11.17	89.86	22.20	
	09/14/93		14.88	86.15	22.22	
	12/09/93		15.25	85.78	22.22	
	03/07/94		13.23	87.80	22.24	
	06/09/94		14.27	86.76	22.77	
	09/06/94		16.58	84.45	22.77	
	12/13/94		14.40	86.63	22.70	
	02/27/95		10.93	90.10	24.04	
	06/07/95		11.74	89.29	22.71	
	09/11/95		14.78	86.25	22.71	
	12/26/95		12.81	88.22	22.72	
	03/19/96		9.45	91.58	22.70	
	06/10/96	100.58	11.58	89.00	24.21	
	09/17/96		22.53	78.05	24.21	
	12/11/96		17.16	83.42	24.20	
	03/12/97		23.00	77.58	24.20	
	05/23/97		21.78	78.80	24.20	
	08/18/97		20.93	79.65	24.20	
	11/06/97		14.98	85.60	24.23	
MW-6	02/01/93	100.68	9.92	90.76		
	03/24/93		9.92	90.76	21.39	Very Silty
	06/08/93		10.11	90.57	21.37	
	09/14/93		13.98	86.70	21.34	
	12/09/93		14.81	85.87	21.34	
	03/07/94		12.75	87.93	21.14	
	06/09/94		13.81	86.87	21.15	
	09/06/94		16.15	84.53	21.13	
	12/13/94		13.93	86.75	21.02	
	02/27/95		10.49	90.19	22.03	
	06/07/95		11.31	89.37	21.02	
	09/11/95		14.37	86.31	21.03	
	12/26/95		12.34	88.34	21.05	
	03/19/96		9.02	91.66	21.07	
	06/10/96		11.31	89.37	21.10	
	09/17/96		14.55	86.13	21.10	
	12/11/96		11.92	88.76	21.13	
	03/12/97		10.54	90.14	22.03	
	05/23/97		12.19	88.49	22.05	
	08/18/97		14.60	86.08	22.04	
	11/06/97		14.35	86.33	22.07	

NOTES:
[1] = Measurement and reference elevation taken from notch/mark on top north side of well casing.
[2] = Elevation referenced to arbitrary point on site, assumed elevation 100.00 feet.
Well Depth = Measurement from top of casing to bottom of well.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-7	02/01/93	100.07	9.25	90.82		
	03/24/93		9.19	90.88	21.33	Very Silty
	06/08/93		9.89	90.18	21.31	
	09/14/93		13.76	86.31	21.33	
	12/09/93		14.23	85.84	21.33	
	03/07/94		12.13	87.94	21.32	
	06/09/94		13.16	86.91	21.34	
	09/06/94		15.52	84.55	21.35	
	12/13/94		13.36	86.71	21.26	
	02/27/95		9.79	90.28	21.76	
	06/07/95		10.59	89.48	21.28	
	09/11/95		13.68	86.39	21.26	
	12/26/95		11.72	88.35	21.24	
	03/19/96		8.25	91.82	21.23	
	06/10/96		10.59	89.48	21.22	
	09/17/96		13.95	86.12	21.28	
	12/11/96		11.36	88.71	21.26	
	03/12/97		9.86	90.21	21.77	
	05/23/97		11.51	88.56	21.72	
	08/18/97		13.97	86.10	21.72	
	11/06/97		14.45	85.62	21.71	
MW-8	02/01/93	97.50	7.47	90.03		
	03/24/93		7.42	90.08	19.77	Very Silty
	06/08/93		7.59	89.91	19.76	
	09/14/93		12.46	85.04	19.74	
	12/09/93		12.13	85.37	19.74	
	03/07/94		10.20	87.30	19.81	
	06/09/94		11.22	86.28	19.82	
	09/06/94		13.46	84.04	19.82	
	12/13/94		11.27	86.23	19.70	
	02/27/95		8.01	89.49	19.77	
	06/07/95		8.81	88.69	22.68	
	09/11/95		11.73	85.77	22.67	
	12/26/95		9.78	87.72	22.67	
	03/19/96		6.61	90.89	22.68	
	06/10/96		8.82	88.68	22.69	
	09/17/96		11.94	85.56	22.70	
	12/11/96		9.36	88.14	22.71	
	03/12/97		8.02	89.48	19.77	
	05/23/97		9.62	87.88	19.73	
	08/18/97		11.99	85.51	19.73	
	11/06/97		12.71	84.79	19.74	

NOTES:
[1] = Measurement and reference elevation taken from notch/mark on top north side of well casing.
[2] = Elevation referenced to arbitrary point on site, assumed elevation 100.00 feet.
Well Depth = Measurement from top of casing to bottom of well.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
		Gasoline	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-1	01/13/92	1,700		13	<0.50	31	12
	04/06/92	2,500		22	<0.5	75	15
	07/27/92	170		0.60	0.53	1.0	0.70
	02/01/93	NS		NS	NS	NS	NS
	03/26/93	360		<0.50	<0.50	<0.50	1.1
	06/08/93	740		25	0.96	72	28
	09/14/93	190		2.9	<0.5	<0.5	0.90
	12/09/93	440		11	<0.5	<0.5	24
	03/07/94	560		5.6	<0.5	20	2.1
	06/09/94	460		5.0	<0.5	3.3	7.9
	09/06/94	200		1.0	<0.5	0.62	<0.5
	12/13/94	260		3.0	<0.5	1.3	1.3
	02/27/95	2,800		23	<2.5	170	32
	06/07/95	320		1.8	<0.5	<0.5	<0.5
	09/11/95	260		1.2	<0.50	<0.50	<0.50
	12/26/95	310		1.4	<0.50	0.69	<0.50
	03/19/96	2,300		10	<1.3	88	38
	06/10/96	2,500		5.5	<1.3	39	52
	09/17/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/11/96	680	120	8.9	1.9	7.5	7.7
	03/12/97	420	180	<0.50	<0.50	<0.50	<0.50
	05/23/97	<50	7.8	<0.50	<0.50	<0.50	<0.50
	08/18/97	230	13	<0.50	<0.50	1.9	1.8
	11/06/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
MW-2	01/13/92	3,600		68	5.1	8.5	9
	04/06/92	4,700		30	3.7	39	5.4
	07/27/92	180		5.1	0.79	<0.5	0.53
	02/01/93	NS		NS	NS	NS	NS
	03/26/93	160		<0.5	<0.5	<0.5	<0.5
	06/08/93	620		1.1	<0.5	3.5	0.63
	09/14/93	140		1.1	<0.5	<0.5	<0.5
	12/09/93	360		16	0.94	6.8	5.4
	03/07/94	550		5.3	<0.5	0.96	1.0
	06/09/94	150		<0.5	<0.5	<0.5	<0.5
	09/06/94	120		1.3	<0.5	<0.5	<0.5
	12/13/94	400		6.6	0.54	0.55	6.3
	02/27/95	710		5.2	<0.5	<0.5	<0.5
	06/07/95	280		<0.5	<0.5	<0.5	<0.5
	09/11/95	130		<0.50	<0.50	<0.50	<0.50
	12/26/95	250		1.3	<0.50	<0.50	<0.50
	03/19/96	190		<0.50	<0.50	<0.50	<0.50
	06/10/96	130*		<0.50	<0.50	<0.50	<0.50
	09/17/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/11/96	65	<5.0	<0.50	<0.50	<0.50	<0.50
	03/12/97	76	<5.0	<0.50	<0.50	<0.50	<0.50
	05/23/97	52	<5.0	<0.50	<0.50	<0.50	<0.50
	08/18/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	11/06/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50

NOTES.
MTBE[1] = Methyl-Tertiray-Butyl Ether.
< = Below indicated detection limit.
NS = Not sampled.
* = Product is not typical gasoline

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
		Gasoline	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-3	01/13/92	4,900		510	14	64	130
	04/06/92	2,900		100	24	75	74
	07/27/92	3,600		120	3.2	74	58
	02/01/93	NS		NS	NS	NS	NS
	03/26/93	2,300		320	<5.0	<5.0	37
	06/08/93	1,600		82	2.4	140	6.1
	09/14/93	1,400		150	<5.0	200	56
	12/09/93	450		29	1.2	24	2.3
	03/07/94	1,700		70	1.2	140	27
	06/09/94	1,100		35	0.71	47	15
	09/06/94	55		1.2	<0.5	2.6	0.64
	12/13/94	950		75	1.9	51	24
	02/27/95	2,500		53	<2.5	170	46
	06/07/95	3,000		24	<2.5	80	16
	09/11/95	1,500		13	<2.5	20	5.4
	12/26/95	1,100		7.3	<2.5	20	5.6
	03/19/96	2,400		23	3.2	72	36
	06/10/96	490		0.56	<0.50	6.7	7.2
	09/17/96	<50	31	<0.50	<0.50	<0.50	<0.50
	12/11/96	140	25	<0.50	<0.50	<0.50	0.55
	03/12/97	860	140	4.1	<0.50	9.2	42
	05/23/97	82	7.6	<0.50	<0.50	<0.50	1.1
	08/18/97	74	<5.0	<0.50	0.75	<0.50	<0.50
	11/06/97	<50	48	<0.50	<0.50	<0.50	<0.50
MW-4	01/13/92	160		<0.5	<0.5	<0.5	<0.5
	04/06/92	<50		<0.5	<0.5	<0.5	<0.5
	07/27/92	<50		<0.5	<0.5	<0.5	<0.5
	02/01/93	NS		NS	NS	NS	NS
	03/26/93	<50		<0.5	<0.5	<0.5	<0.5
	06/08/93	<50		0.91	0.8	1.3	1.7
	09/14/93	<50		<0.5	<0.5	<0.5	<0.5
	12/09/93	<50		<0.5	<0.5	<0.5	0.92
	03/07/94	<50		<0.5	<0.5	<0.5	<0.5
	06/09/94	<50		<0.5	<0.5	<0.5	<0.5
	09/06/94	<50		<0.5	<0.5	<0.5	<0.5
	12/13/94	<50		<0.5	<0.5	<0.5	<0.5
	02/27/95	<50		<0.5	<0.5	<0.5	<0.5
	06/07/95	<50		<0.5	<0.5	<0.5	<0.5
	09/11/95	<50		<0.50	<0.50	<0.50	<0.50
	12/26/95	<50		<0.50	<0.50	<0.50	<0.50
	03/19/96	<50		<0.50	<0.50	<0.50	<0.50
	06/10/96	<50		<0.50	<0.50	<0.50	<0.50
	09/17/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/11/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	03/12/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	05/23/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	08/18/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	11/06/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50

NOTES:
MTBE[1] = Methyl-Tertiray-Butyl Ether.
< = Below indicated detection limit.
NS = Not sampled.
* = Product is not typical gasoline.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
		Gasoline	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-5	01/13/92	21,000		1,900	110	40	590
	04/06/92	35,000		5,000	1,700	1,000	3,100
	07/27/92	39,000		5,400	53	490	770
	02/01/93	NS		NS	NS	NS	NS
	03/26/93	28,000		7,800	220	440	2,600
	06/08/93	18,000		5,400	140	760	1,400
	09/14/93	8,100		4,100	<50	700	370
	12/09/93	7,100		2,000	59	340	470
	03/07/94	4,500		1,500	27	240	330
	06/09/94	4,900		1,300	8.9	230	170
	09/06/94	3,200		1,500	<5.0	170	14
	12/13/94	4,400		1,400	<5.0	220	170
	02/27/95	5,500		2,500	<13	250	250
	06/07/95	4,400		1,500	<13	98	170
	09/11/95	4,200		1,500	<13	58	36
	12/26/95	4,800		1,600	<13	250	310
	03/19/96	3,000		1,000	<13	110	56
	06/10/96	1,900		370	<2.5	55	37
	09/17/96	1,100	210	200	<2.5	65	100
	12/11/96	1,000	200	46	<1.3	<1.3	70
	03/12/97	3,600	570	85	<1.3	140	420
	05/23/97	540	260	17	0.61	10	12
	08/18/97	620	240	28	1.5	19	43
	11/06/97	480	63	5.4	<0.50	36	100
MW-6	02/01/93	510		<0.50	<0.50	2.7	0.73
	03/26/93	<50		<0.50	<0.50	<0.50	<0.50
	06/08/93	98		1.7	0.51	0.89	1.1
	09/14/93	210		<0.5	<0.5	<0.5	<0.5
	12/09/93	83		<0.5	<0.5	<0.5	1.6
	03/07/94	120		<0.5	<0.5	<0.5	0.51
	06/09/94	85		<0.5	<0.5	<0.5	0.52
	09/06/94	<50		<0.5	<0.5	<0.5	<0.5
	12/13/94	<50		<0.5	<0.5	<0.5	<0.5
	02/27/95	100		<0.5	0.77	<0.5	2.3
	06/07/95	84		<0.5	<0.5	<0.5	<0.5
	09/11/95	<50		<0.50	<0.50	<0.50	<0.50
	12/26/95	<50		<0.50	<0.50	<0.50	<0.50
	03/19/96	<50		<0.50	<0.50	<0.50	<0.50
	06/10/96	<50		<0.50	<0.50	<0.50	<0.50
	09/17/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/11/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	03/12/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	05/23/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	08/18/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	11/06/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50

NOTES

MTBE[1] = Methyl-Tertiray-Butyl Ether.
< = Below indicated detection limit.
NS = Not sampled.
* = Product is not typical gasoline

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #699
921 MERCHANT AVENUE, VACAVILLE, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
		Gasoline	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-7	02/01/93	180		<0.5	<0.5	<0.5	0.62
	03/26/93	<50		<0.5	<0.5	<0.5	<0.5
	06/08/93	<50		<0.5	<0.5	<0.5	<0.5
	09/14/93	<50		<0.5	<0.5	<0.5	<0.5
	12/09/93	<50		<0.5	0.98	<0.5	3.0
	03/07/94	<50		<0.5	<0.5	<0.5	<0.5
	06/09/94	<50		<0.5	<0.5	<0.5	<0.5
	09/06/94[1]	<50		<0.5	<0.5	<0.5	<0.5
	12/13/94	<50		<0.5	<0.5	<0.5	<0.5
	02/27/95	<50		<0.5	<0.5	<0.5	<0.5
	06/07/95	<50		<0.5	<0.5	<0.5	<0.5
	09/11/95	<50		<0.50	<0.50	<0.50	<0.50
	12/26/95	<50		<0.50	<0.50	<0.50	<0.50
	03/19/96	<50		<0.50	<0.50	<0.50	<0.50
	06/10/96	<50		<0.50	<0.50	<0.50	<0.50
	09/17/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/11/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	03/12/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	05/23/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	08/18/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	11/06/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
MW-8	02/01/93	5,300		<5.0	<5.0	130	120
	03/26/93	85		<0.5	<0.5	<0.5	<0.5
	06/08/93	750		<0.5	<0.5	21	8.5
	09/14/93	970		<0.5	<0.5	<0.5	<0.5
	12/09/93	530		<0.5	0.56	11	2.1
	03/07/94	130		<0.5	<0.5	2.4	<0.5
	06/09/94	250		<0.5	<0.5	4.9	1.1
	09/06/94	180		<0.5	<0.5	3.4	<0.5
	12/13/94	110		<0.5	<0.5	<0.5	<0.5
	02/27/95	110		<0.5	<0.5	<0.5	<0.5
	06/07/95	160		<0.5	<0.5	<0.5	<0.5
	09/11/95	190*		<0.50	<0.50	<0.50	<0.50
	12/26/95	140*		<0.50	<0.50	<0.50	<0.50
	03/19/96	160		<0.50	<0.50	<0.50	<0.50
	06/10/96	130*		<0.50	<0.50	<0.50	<0.50
	09/17/96	110	140	<0.50	<0.50	<0.50	<0.50
	12/11/96	150	110	<0.50	<0.50	<0.50	<0.50
	03/12/97	330	550	<0.50	<0.50	<0.50	<0.50
	05/23/97	250	130	<0.50	0.65	<0.50	<0.50
	08/18/97	<50	140	<0.50	<0.50	<0.50	<0.50
	11/06/97	<50	170	<0.50	<0.50	<0.50	<0.50

NOTES.

MTBE[1] = Methyl-Tertiray-Butyl Ether.
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TABLE 1

Water Level Measurements
Beacon Station No. 699
921 Merchant Street
Vacaville, California

Monitoring Well	Date	Top of Riser Elevation[a] (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)
MW-1	03/22/91	99.77	12.54	87.23
	07/03/91		13.46	86.31
	10/03/91		15.52	84.25
	11/18/91		15.70	84.07
	01/13/92		14.69	85.08
MW-2	03/22/91	98.66	11.20	87.46
	07/03/91		12.10	86.56
	10/02/91		14.22	84.44
	11/18/91		14.39	84.27
	01/13/92		13.40	85.26
MW-3	03/22/91	100.59	13.41	87.18
	07/03/91		14.29	86.30
	10/03/91		16.34	84.25
	11/18/91		16.54	84.05
	01/13/92		15.52	85.07
MW-4	11/18/91	93.30	14.98	84.32
	01/13/92		13.98	79.32
MW-5	11/18/91	101.03	17.09	83.94
	01/13/92		16.11	84.92

[a] Top of riser elevations surveyed in reference to a designated bench mark with an assumed elevation of 100.00 feet.

Note: Ground water samples prior to 07/03/91 collected by Ground Water Resources, Inc.

TABLE 2

Ground Water Analytical Results
Concentrations in Parts per Billion (ppb)
Beacon Station No. 699
921 Merchant Street
Vacaville, California

Monitoring Well	Date Sampled	Benzene	Toluene	Ethylbenzene	Xylenes	TPH[a]
MW-1	03/22/91	26	5.9	32	41	1,700
	07/03/91	<0.5	4.0	18	9.4	1,200
	10/03/91	8.8	1.6	23	6	1,000
	01/13/92	13	<0.5	31	12	1,700
MW-2	03/22/91	890	12	140	55	4,600
	07/03/91	36	18	140	8.1	8,600
	10/03/91	31	2.9	20	3.8	1,100
	01/13/92	68	5.1	8.5	9.0	3,600
MW-3	03/22/91	1,300	210	540	2,300	17,000
	07/03/91	320	34	250	350	25,000
	10/03/91	150	8.4	43	79	2,600
	01/13/92	510	14	64	130	4,900
MW-4	11/18/91	<0.5	2.1	0.6	1.2	360
	01/13/92	<0.5	<0.5	<0.5	<0.5	160
MW-5	11/18/91	2,400	100	330	640	17,000
	01/13/92	1,900	110	40	590	21,000

[a] Total petroleum hydrocarbons.

Note: Ground water samples prior to 07/03/91 collected by Ground Water Resources, Inc.

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