HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

March 26, 2009

Mr. Jerry Wickham
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Subject: **Transmittal of Semi-Annual Monitoring Report**
First Quarter 2009
Former Beacon Station 12574
22315 Redwood Road, Castro Valley, California

Mr. Wickham:

At the request of Ultramar Inc., Horizon Environmental Inc. (Horizon) is forwarding the enclosed *Semi-Annual Groundwater Monitoring Report* dated March 26, 2009. The report documents results of first quarter 2009 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. C. Shay Wideman, Valero Energy Corp.
Mr. Allen Shin, Banya Investment LLC
Mr. Bill Courtney

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HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

March 26, 2009

Mr. Jerry Wickham, Haz Mat Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Subject: **Semi-Annual Groundwater Monitoring Report**
First Quarter 2009
Former Beacon Station No. 12574 RWQCB Case No. 01-0167
22315 Redwood Road, Castro Valley, California ACDEH: RO0000355

Mr. Wickham:

At the request of Ultramar Inc. (Ultramar), Horizon Environmental Inc. (Horizon) has prepared this Monitoring Report which documents first quarter 2009 groundwater monitoring at the above-referenced site (Figure 1). There are currently five groundwater monitoring wells (MW-1 through MW-4 and MW-6) associated with this site. Wells MW-1 through MW-4 are located within the property boundaries, while well MW-6 is located off-site to the south of the property on an adjoining property (Figure 2).

Groundwater Monitoring

Groundwater monitoring activities were conducted by Horizon on February 25, 2009. The monitoring activities included measurement of static groundwater levels, purging groundwater from the wells, collection of groundwater samples, and preparation and delivery of the groundwater samples to the analytical laboratory.

Depth-to-water (DTW) levels in the five monitoring wells were measured to the nearest 0.01-foot from the top-of-casing (TOC). Water level measurements were subtracted from surveyed TOC elevations to obtain groundwater elevations, as listed in Table 1. The physical parameters conductivity, pH and temperature were monitored with field instrumentation during the purging process. Horizon Field Procedures are presented as Attachment A, and Horizon Field Data Sheets are included as Attachment B. The purge water was temporarily stored onsite in two 55-gallon drums for subsequent removal by an Ultramar-approved licensed water transporter. The purge water disposal documentation is included as Attachment B.

Groundwater samples were collected by Horizon from monitoring wells MW-1 through MW-4 and MW-6, and were submitted under chain-of-custody (COC) documentation to Kiff Analytical LLC, a California Department of Health Services-certified analytical laboratory (ELAP No. 2236) located in Davis, California. As requested by the Alameda County

Department of Environmental Health (ACDEH) in Item #3 of their January 8, 2009 letter, the water samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg); the volatile aromatic compounds benzene, toluene, ethylbenzene and total xylenes (BTEX); the fuel oxygenates methyl-t-butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl-t-butyl ether (ETBE), tert-amyl methyl ether (TAME) and tert-butanol (TBA), and the lead scavenger compounds 1,2-dichloroethane (DCA) and 1,2-dibromoethane (EDB) by Environmental Protection Agency (EPA) Method 8260B.

Groundwater Monitoring Results

Groundwater elevation data was used to construct the Groundwater Elevation Contour Map (Figure 2). The groundwater flow direction beneath the site is primarily towards the southwest at an average rate of 0.01 foot/foot. Groundwater monitoring previously performed at the site has indicated a similar groundwater flow direction and magnitude.

Groundwater analytical results are summarized in Table 1. The distribution of TPHg, Benzene and MTBE analytical data are shown on Figure 3. A Benzene Isoconcentration Map is shown on Figure 4. The analytical report is contained in Attachment C. Historical groundwater data as reported by previous consultants is included as Attachment D.

GeoTracker Electronic Data Deliverables

The analytical electronic data deliverable (EDD) was prepared and uploaded by Kiff. The groundwater level EDD (GEO_WELL) was prepared and uploaded by Horizon. The 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.

Discussion and Recommendations

Continued elevated concentrations of TPHg, BTEX and MTBE in onsite wells MW-1 and MW-2 indicate limited hydrocarbon degradation beneath the site. Horizon submitted the *Letter Work Plan for Remedial Testing* (Horizon, December 11, 2008) to the ACDEH, proposing to conduct high-vacuum dual-phase extraction (HVDPE) testing to evaluate the effectiveness in reducing the elevated concentrations of TPHg, BTEX and MTBE and to advance the site towards eventual Closure status. The ACDEH approved the HVDPE testing in their January 8, 2009 letter. This work has not yet begun but is scheduled to begin in late April 2009.

If you have any questions, please contact Horizon at (916) 939-2170.

Sincerely,
HORIZON ENVIRONMENTAL INC.

Kenny B. Mateik
Professional Geologist, C.E.G. No. 1935

Karen P. Liptak
Staff Geologist

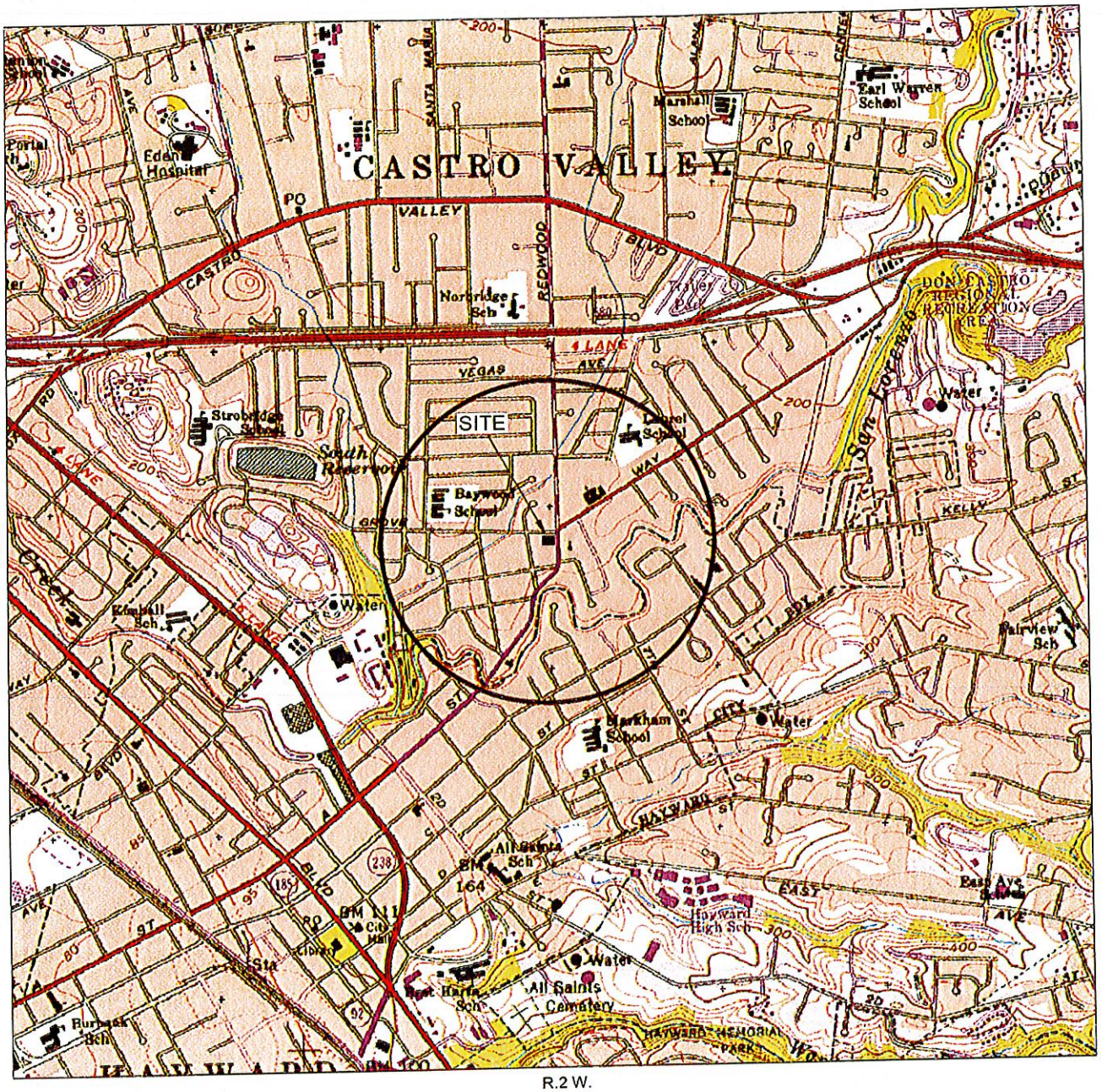
Attachments:

Figure 1: Site Vicinity Map
Figure 2: Site Map / Groundwater Elevation Contour Map
Figure 3: Groundwater Analytical Summary
Figure 4: Benzene Isoconcentration Map

Table 1: Groundwater Monitoring Data

Attachment A: Horizon Field Methods and Procedures
Attachment B: Horizon Monitoring Well Data Sheets
Purge Water Disposal Documentation
Attachment C: Analytical Report
Attachment D: Historical Groundwater Data
Attachment E: GeoTracker Electronic Data Deliverable Confirmation Sheets

c: Mr. C. Shay Wideman, Valero Energy Corp.
Mr. Allen Shin, Banya Investment LLC
Mr. Bill Courtney, Property Manager



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
HAYWARD, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

QUADRANGLE LOCATION

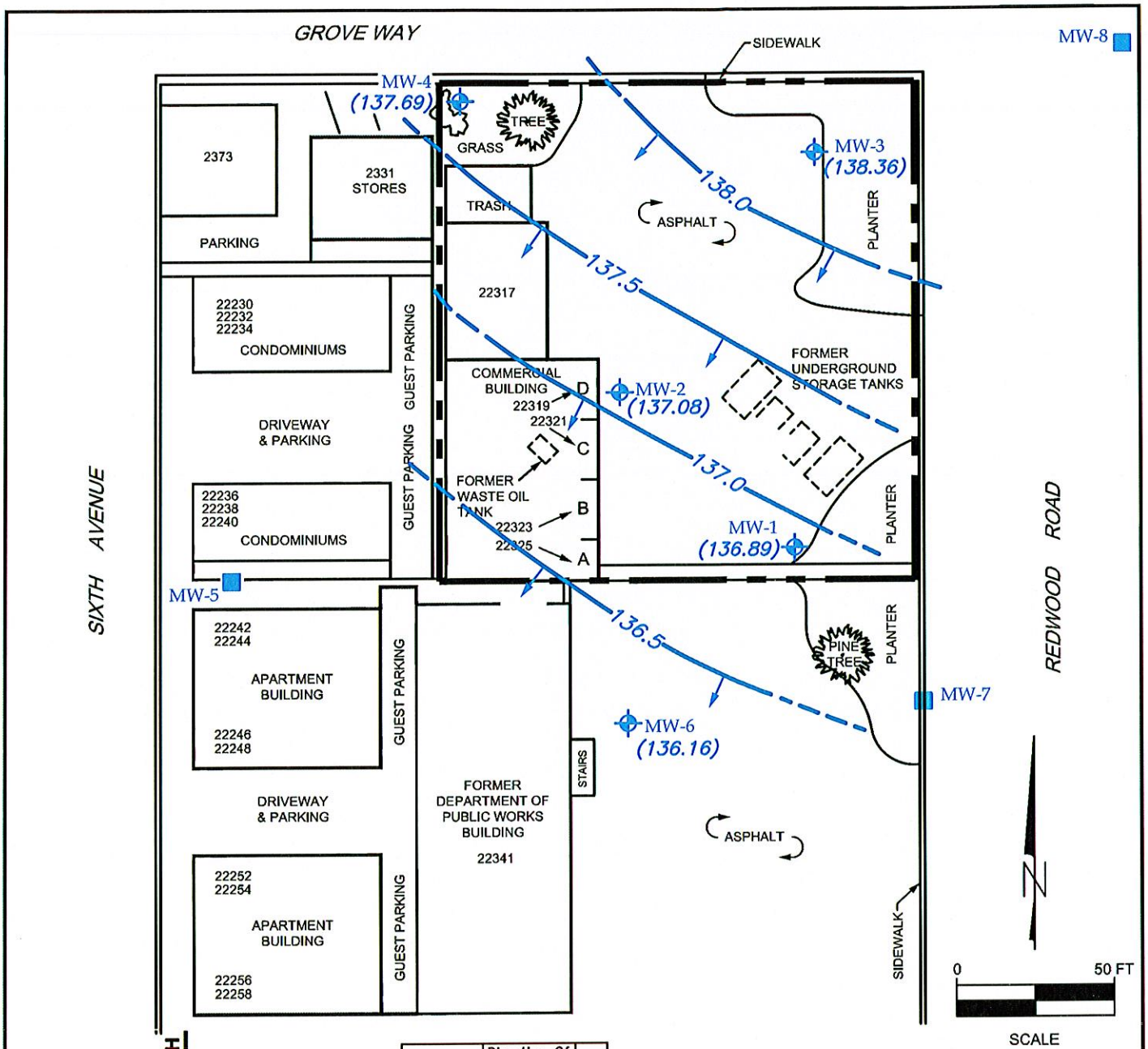
0 2000 FT

SCALE 1:24,000

NORTH

HORIZON ENVIRONMENTAL INC.

Project Number: 1574.41 Prepared By: K. Liptak Reviewed By: K. Mateik	Drawn By: M. LaCoste Date: 10/7/04 Revised Date:	SITE LOCATION MAP FORMER BEACON STATION NO. 12574 22315 REDWOOD ROAD CASTRO VALLEY, CA.	FIGURE 1



Date	Direction Of Groundwater Flow	ID No.
08/31/04	S 26 W	#1
02/01/05	S 35 W	#2
07/29/05	S 32 W	#3
01/16/05	S 36 W	#4
08/30/06	S 28 W	#5
02/13/07	S 35 W	#6
08/13/07	S 32 W	#7
02/11/08	S 28 W	#8
07/29/08	S 26 W	#9
02/25/09	S 32 W	#10

EXPLANATION:

- MW-6 Groundwater Monitoring Well
- MW-8 Abandoned Monitoring Well
- (138.36) Elevation of Groundwater Measured In Feet; Datum Is Mean Sea Level
- 138.0 Line Of Equal Elevation Of Groundwater Measured In Feet; Datum Is Mean Sea Level
- Direction Of Groundwater Flow
- (NM) Not Measured

Wells Measured 2/25/09

Source: Figure Modified From Survey Drawing Prepared By Majors For Tesoro Refining.

HORIZON ENVIRONMENTAL INC.

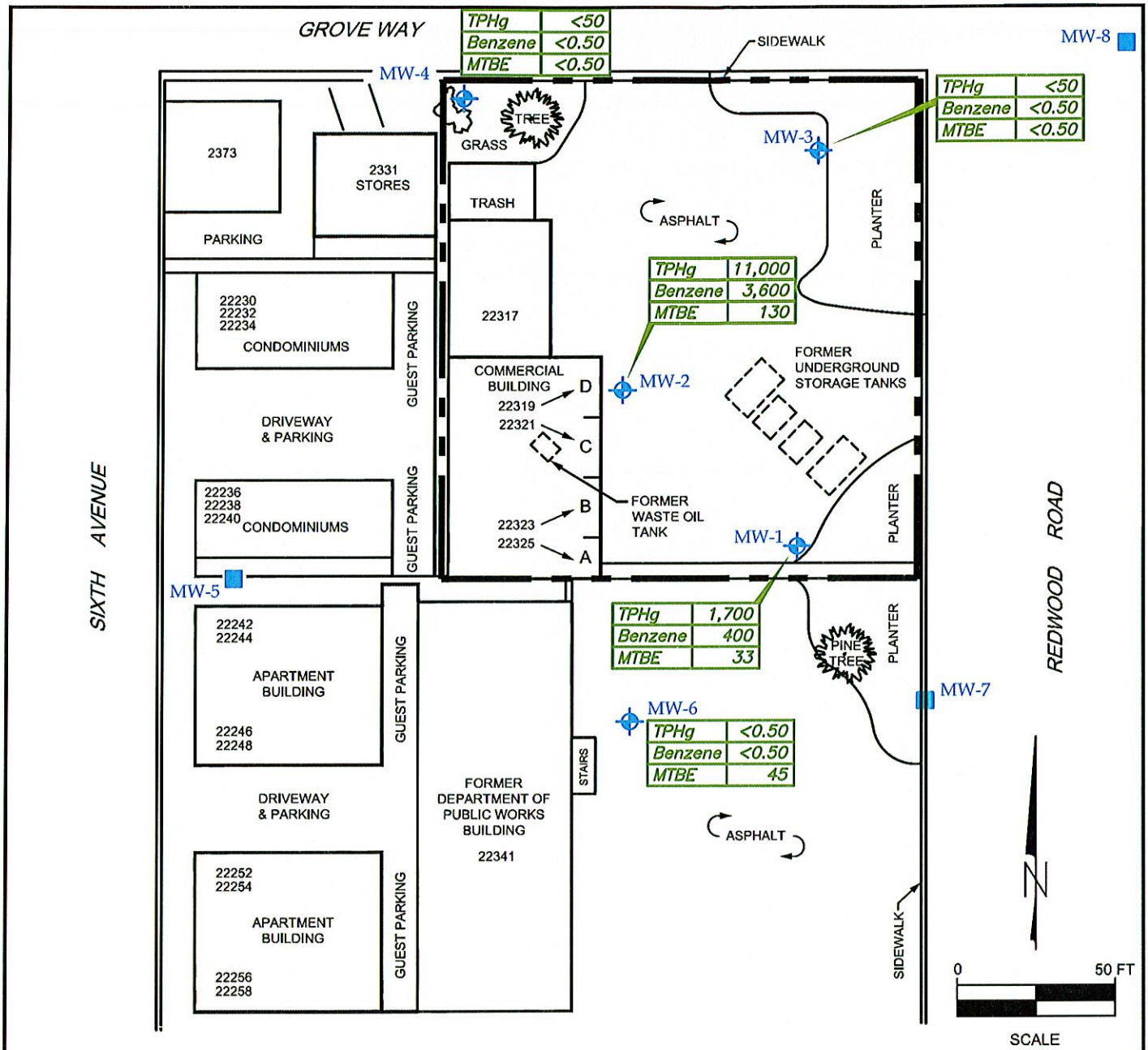
Project Number: 1574.46
Prepared By: K. Liptak
Reviewed By: K. Mateik

Drawn By: C. Bechtell
Date: 03/09
Revised Date:

SITE MAP/GROUNDWATER ELEVATION CONTOUR MAP

FORMER BEACON STATION NO. 12574
22315 REDWOOD ROAD
CASTRO VALLEY, CA.

FIGURE
2



EXPLANATION:

- MW-6 Groundwater Monitoring Well
- MW-8 Abandoned Monitoring Well

TPHg	11,000
Benzene	3,600
MTBE	130

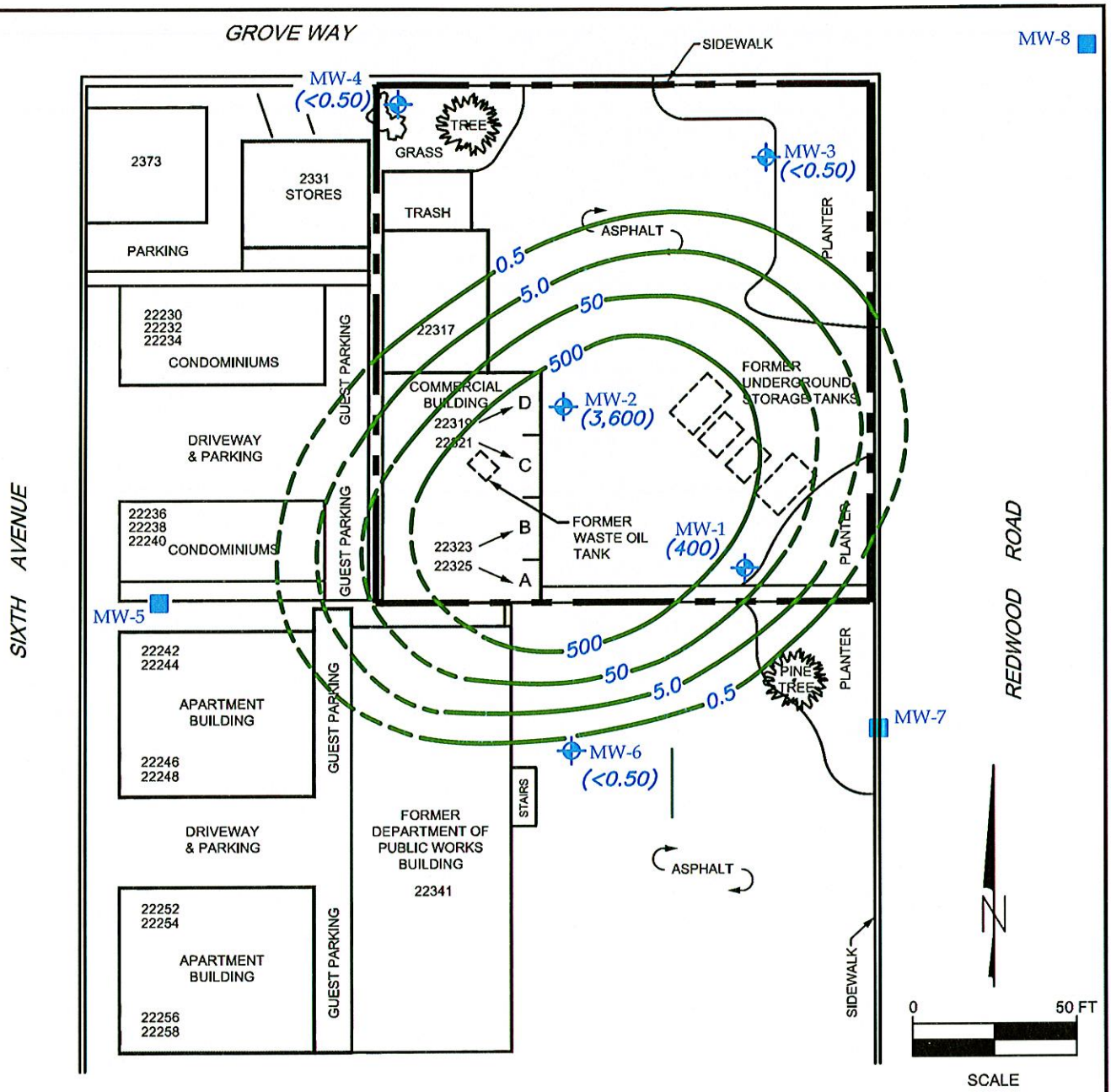
TOTAL PETROLEUM HYDROCARBONS AS GASOLINE IN PARTS PER MILLION (ppm)
BENZENE CONCENTRATION IN ppm
METHYL-TERT BUTYL ETHER IN ppm

(NS) Not Sampled

Wells Sampled 02/25/09

Source: Figure Modified From Survey Drawing Prepared By Majors For Tesoro Refining.

HORIZON ENVIRONMENTAL INC.		GROUNDWATER ANALYTICAL SUMMARY	FIGURE
Project Number: 1574.46 Prepared By: K. Liptak Reviewed By: K. Mateik	Drawn By: C. Bechtell Date: 03/09 Revised Date:	FORMER BEACON STATION NO. 12574 22315 REDWOOD ROAD CASTRO VALLEY, CA.	3



EXPLANATION:

- MW-6 Groundwater Monitoring Well
- MW-8 Abandoned Monitoring Well
- (3,600) Benzene Concentration Measured In Parts Per Billion
- 500 Line Of Equal Concentration Of Benzene Measured In Parts Per Billion

Wells Sampled 02/25/09

Source: Figure Modified From Survey Drawing Prepared By Majors For Tesoro Refining.

HORIZON ENVIRONMENTAL INC.		BENZENE ISOCONCENTRATION MAP	FIGURE
Project Number: 1574.46 Prepared By: K. Liptak Reviewed By: K. Mateik	Drawn By: C. Bechtell Date: 03/09 Revised Date:	FORMER BEACON STATION NO. 12574 22315 REDWOOD ROAD CASTRO VALLEY, CA.	4

Table 1 - Groundwater Monitoring Data
Former Beacon Station No. 12574
22315 Redwood Road
Castro Valley, California

Well Number	Date	TPHg ppb	Benzene ppb	Toluene ppb	Ethylbenz. ppb	Xylenes ppb	MTBE ppb	Depth to GW	T.O.C. Elevation	GW Elevation	Comments
MW-1	02/11/02	41,000	7,600	160	1,600	4,200	640	22.58	158.70	136.12	
	08/21/02	7,400	2,000	31	220	510	270	23.18		135.52	
screen	03/04/03	30,000	6,000	130	1,300	2,900	490	22.43		136.27	
interval	09/09/03	18,000	3,900	69	760	1,700	390	23.02		135.68	
10' - 30'	03/23/04	24,000	4,500	89	1,000	2,000	410	21.97		136.73	
	08/31/04	22,000	4,000	77	780	1,600	290	23.35		135.35	no comments
	02/01/05	36,000	6,800	160	1,800	3,000	360	21.98		136.72	no comments
	07/29/05	14,000	2,400	54	460	750	170	22.55		136.15	no comments
	01/16/06	18,000	2,900	61	860	1,300	200	21.75		136.95	no comments
	08/30/06	4,800	1,400	22	150	240	110	22.74		135.96	no comments
	02/13/07	5,300	1,100	49	210	280	110	22.31		136.39	no comments
	08/13/07	10,000	2,300	49	11	630	160	23.10		135.60	no comments
	02/11/08	30,000	5,400	260	2,300	3,400	150	21.10		137.60	no comments
	07/29/08	9,900	1,800	28	720	220	69	22.95		135.75	no comments
	02/25/09	1,700	400	7.0	53	34	33	21.81		136.89	slight odor / no sheen
MW-2	02/11/02	17,000	3,100	270	690	1,600	660	21.03	157.33	136.30	
	08/21/02	6,800	1,600	44	290	260	440	21.60		135.73	
screen	03/04/03	20,000	3,400	200	590	1,100	670	20.86		136.47	
interval	09/09/03	19,000	3,200	120	630	940	630	21.45		135.88	
10' - 30'	03/23/04	18,000	3,200	110	640	740	580	20.41		136.92	
	08/31/04	13,000	2,800	59	510	420	430	21.75		135.58	no comments
	02/01/05	17,000	3,200	110	700	730	440	20.42		136.91	no comments
	07/29/05	22,000	3,900	210	770	930	360	20.97		136.36	no comments
	01/16/06	20,000	3,900	120	770	790	370	20.19		137.14	slight sheen / odor
	08/30/06	14,000	3,000	79	480	450	390	21.14		136.19	no comments
	02/13/07	14,000	3,100	110	600	620	340	20.73		136.60	sheen
	08/13/07	14,000	4,600	150	560	410	240	21.41		135.92	no comments
	02/11/08	46,000	12,000	4,400	1,700	5,200	150	19.35		137.98	no comments
	07/29/08	36,000	9,700	840	1,400	4,000	160	21.38		135.95	no comments
	02/25/09	11,000	3,600	66	400	320	130	20.25		137.08	odor / no sheen
MW-3	02/11/02	ns	ns	ns	ns	ns	ns	21.55	159.23	137.68	
	08/21/02	ns	ns	ns	ns	ns	ns	22.00		137.23	
screen	03/04/03	ns	ns	ns	ns	ns	ns	21.48		137.75	
interval	09/09/03	ns	ns	ns	ns	ns	ns	21.84		137.39	
10' - 30'	03/23/04	ns	ns	ns	ns	ns	ns	20.82		138.41	
	08/31/04	ns	ns	ns	ns	ns	ns	21.93		137.30	no comments
	02/01/05	ns	ns	ns	ns	ns	ns	20.56		138.67	no comments
	07/29/05	ns	ns	ns	ns	ns	ns	21.37		137.86	no comments
	01/16/06	ns	ns	ns	ns	ns	ns	20.75		138.48	no comments
	08/30/06	ns	ns	ns	ns	ns	ns	21.60		137.63	no comments
	02/13/07	ns	ns	ns	ns	ns	ns	21.37		137.86	no comments
	08/13/07	ns	ns	ns	ns	ns	ns	nm		nm	well paved over
	02/11/08	ns	ns	ns	ns	ns	ns	nm		nm	well paved over
	07/29/08	ns	ns	ns	ns	ns	ns	nm		nm	well paved over
	02/25/09	<50	<0.50	<0.50	<0.50	<0.50	<0.50	20.87		138.36	no odor / no sheen

Table 1 - Groundwater Monitoring Data
Former Beacon Station No. 12574
22315 Redwood Road
Castro Valley, California

Well Number	Date	TPHg ppb	Benzene ppb	Toluene ppb	Ethylbenz. ppb	Xylenes ppb	MTBE ppb	Depth to GW	T.O.C. Elevation	GW Elevation	Comments
MW-4	02/11/02	ns	ns	ns	ns	ns	ns	16.81	154.13	137.32	
	08/21/02	ns	ns	ns	ns	ns	ns	17.58		136.55	
screen	03/04/03	ns	ns	ns	ns	ns	ns	16.70		137.43	
interval	09/09/03	ns	ns	ns	ns	ns	ns	17.48		136.65	
13' - 28'	03/23/04	ns	ns	ns	ns	ns	ns	16.35		137.78	
	08/31/04	ns	ns	ns	ns	ns	ns	nm		nm	no comments
	02/01/05	ns	ns	ns	ns	ns	ns	16.70		137.43	no comments
	07/29/05	ns	ns	ns	ns	ns	ns	17.06		137.07	no comments
	01/16/06	ns	ns	ns	ns	ns	ns	16.56		137.57	no comments
	08/30/06	ns	ns	ns	ns	ns	ns	17.18		136.95	no comments
	02/13/07	ns	ns	ns	ns	ns	ns	17.01		137.12	no comments
	08/13/07	ns	ns	ns	ns	ns	ns	17.94		136.19	no comments
	02/11/08	ns	ns	ns	ns	ns	ns	15.68		138.45	no comments
	07/29/08	ns	ns	ns	ns	ns	ns	17.31		136.82	no comments
	02/25/09	<50	<0.50	<0.50	<0.50	<0.50	<0.50	16.44		137.69	no odor / no sheen
MW-5	02/11/02	ns	ns	ns	ns	ns	ns	15.70	150.73	135.03	
	08/21/02	ns	ns	ns	ns	ns	ns	16.17		134.56	
	03/04/03	ns	ns	ns	ns	ns	ns	15.46		135.27	
	09/09/03	ns	ns	ns	ns	ns	ns	16.05		134.68	
	03/23/04	ns	ns	ns	ns	ns	ns	14.88		135.85	
	08/31/04	ns	ns	ns	ns	ns	ns	nm		nm	unable to locate due to construction
	02/01/05	ns	ns	ns	ns	ns	ns	nm		nm	unable to locate due to construction
	07/29/05	ns	ns	ns	ns	ns	ns	nm		nm	unable to locate due to construction
	01/16/06	--	--	--	--	--	--	--		--	well destroyed
MW-6	02/11/02	ns	ns	ns	ns	ns	ns	20.78	156.11	135.33	
	08/21/02	ns	ns	ns	ns	ns	ns	21.41		134.70	
screen	03/04/03	ns	ns	ns	ns	ns	ns	20.64		135.47	
interval	09/09/03	ns	ns	ns	ns	ns	ns	21.23		134.88	
15' - 30'	03/23/04	ns	ns	ns	ns	ns	ns	20.21		135.90	
	08/31/04	ns	ns	ns	ns	ns	ns	21.50		134.61	no comments
	02/01/05	ns	ns	ns	ns	ns	ns	20.22		135.89	no comments
	07/29/05	ns	ns	ns	ns	ns	ns	20.78		135.33	no comments
	01/16/06	ns	ns	ns	ns	ns	ns	19.92		136.19	no comments
	08/30/06	<50	<0.50	<0.50	<0.50	<0.50	71	20.94		135.17	no comments
	02/13/07	ns	ns	ns	ns	ns	ns	20.35		135.76	no comments
	08/13/07	ns	ns	ns	ns	ns	ns	21.29		134.82	no comments
	02/11/08	ns	ns	ns	ns	ns	ns	19.50		136.61	no comments
	07/29/08	ns	ns	ns	ns	ns	ns	21.23		134.88	no comments
	02/25/09	<50	<0.50	<0.50	<0.50	<0.50	45	19.95		136.16	no odor / no sheen

Notes:
TPHg = Total Petroleum Hydrocarbons as gasoline
TPHd = Total Petroleum Hydrocarbons as diesel
MTBE = Methyl Tertiary-Butyl Ether
< = less than the specified laboratory detection limit
ppb = parts per billion

nm = not measured
ns = not sampled
nc = not calculated
na = not analyzed

T.O.C. = Top of casing
Depths and Elevations recorded in feet.
GW = Groundwater

ATTACHMENT A

HORIZON FIELD METHODS AND PROCEDURES

HORIZON ENVIRONMENTAL, INC.
GROUNDWATER MONITORING
FIELD METHODS AND PROCEDURES

The following section describes field procedures that are generally 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. Water samples collected from extraction wells are generally collected from a sampling port before the GWTS manifold.

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

HORIZON MONITORING WELL DATA SHEETS

PURGE WATER DISPOSAL DOCUMENTATION

HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

MONITORING WELL OBSERVATION SUMMARY SHEET

Company Beacon 12574	Job No. 1574.46
Location 22315 Redwood Rd.	Date 2-25-09
City Castro Valley	Time 1345

Well I.D.	Total Well Depth	Depth to Liquid	Hydrocarbon Thickness	Measurement Point TOB or TOC	Comments
MW-6	30.00	~~16.44~~ 19.95			~~4"~~ 2"
MW-4	28.18	16.44			2"
MW-3	29.60	20.87			4"
MW-1	29.90	21.81			4"
MW-2	29.70	20.25			4"

Comments:

Sampler: Mark D. Brock Assistant: _____

HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

MONITORING WELL DATA

Station No. Beacon 12574	Location Castro Valley
Address 22315 Redwood Rd.	Job No. 1574.46
Well No. MW-1	Date 2-25-09

T.D.	- D.T.W.	x *VF	= Casing Volume
30.00	-21.81 = 8.19	x .66 = 5.4 x 4	= 21.6 (22)

*VF = gal/ft	2" x 0.17 3" x 0.38	4" x 0.66 8" x 1.50

Gals. Purged	6	12	18	22			
Conduct.	935	1064	1042	1045			
P/H	6.75	6.65	6.80	6.78			
Temp (°F)	68.9	70.1	69.7	70.0			
Turbid	clear	clear	clear	clear			
Product/Sheen	N	N	N	N			
Time	1613	1616	1619	1623			
Odor	Yes	very slight	very slight	very slight			

Total Volume Purged: 4

Purging Equipment: 24 Volt pump

Total Gallons Purged: 22

Sampling Equipment: Bailer

Sample Containers: 4 VOA w/ HCL

D.T.W. after purging: 28.25

H_2O Stored? In drums on site

Comments: DO 1.8 orp 44

Mark D. Brock

Technician

HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

MONITORING WELL DATA

Station No. Beacon 12574	Location Castro Valley
Address 22315 Redwood Rd.	Job No. 1574.46
Well No. MW-2	Date 2-25-09

T.D.	- D.T.W.	x *VF	= Casing Volume
30.00	-20.25 = 9.75	x .66 = 6.43 x 4	= 25.72 (26)

*VF = gal./ft	2" x 0.17 3" x 0.38	4" x 0.66 8" x 1.50

Gals. Purged	7	14	21	26			
Conduct.	1023	1054	1056	1058			
P/H	6.79	6.72	6.77	6.75			
Temp (°F)	67.3	68.3	68.7	68.8			
Turbid	clear	slight	slight	slight			
Product/Sheen	N	N	N	N			
Time	1650	1654	1658	1700			
Odor	YES	YES	YES	YES			

Total Volume Purged: 4

Total Gallons Purged: 26

Purging Equipment: 24 Volt pump

Sampling Equipment: Bailer

D.T.W. after purging: 26.12

Sample Containers: 4 VOA w/ HCL

~~H_2O~~ Stored? In drums on site

Comments: DO 1.0 orp -14

Mark D. Brock

Technician

HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

MONITORING WELL DATA

Station No. Beacon 12574	Location Castro Valley
Address 22315 Redwood Rd.	Job No. 1574.46
Well No. MW-3	Date 2-25-09

T.D.	- D.T.W.	x *VF	= Casing Volume
30.00	-20.87 = 9.13	x .66 = 6	x 4 = 24

*VF = gal /ft	2" x 0.17 3" x 0.38	4" x 0.66 6" x 1.50

Gals. Purged	6	12	18	24			
Conduct.	586	567	569	572			
P/H	7.53	7.25	7.13	7.10			
Temp (°F)	66.0	66.9	67.3	67.4			
Turbid	clear	Mod.	clear	clear			
Product/Sheen	N	N	N	N			
Time	1536	1539	1542	1545			
Odor	slight	slight	slight	slight			

Total Volume Purged: 4

Total Gallons Purged: 24

Sample Containers: 4 VOA w/ HCL

H_2O Stored? In drums on site

Purging Equipment: 24 Volt pump

Sampling Equipment: Bailer

D.T.W. after purging: 26.60

Comments: DO 0.5 orp -29

Mark D. Brock

Technician

HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

MONITORING WELL DATA

Station No. Beacon 12574	Location Castro Valley
Address 22315 Redwood Rd.	Job No. 1574.46
Well No. MW-4	Date 2-25-09

T.D.	- D.T.W.	x *VF	= Casing Volume
30.00	-16.44 = 13.56	x .17 = 2.30 x 4	= 9.2 (9.5

*VF = gal /ft	2" x 0.17 3" x 0.38	4" x 0.66 6" x 1.50

Gals. Purged	3	5	7	9.5			
Conduct.	1081	1057	1054	1052			
P/H	7.73	7.67	7.65	7.64			
Temp (°F)	65.7	65.9	65.9	66.0			
Turbid	Mod	Mod	slight	slight			
Product/Sheen	N	N	N	N			
Time	1505	1507	1509	1511			
Odor	N	N	N	N			

Total Volume Purged:

Purging Equipment: 24 Volt pump

Total Gallons Purged:

Sampling Equipment: Bailer

D.T.W. after purging:

Sample Containers: 4 VOA w/ HCL

H_2O Stored? In drums on site

Comments: DO 2.5 orp 118

Mark D. Brock

Technician

HORIZON ENVIRONMENTAL INC.

Specialists in Site Assessment, Remedial Testing, Design and Operation

MONITORING WELL DATA

Station No. Beacon 12574	Location Castro Valley
Address 22315 Redwood Rd.	Job No. 1574.46
Well No. MW-6	Date 2-25-09

T.D.	- D.T.W.	x *VF	= Casing Volume
30.00	-19.95 = 10.05	x .17 = 1.70 X 4	= 6.8 (9)

*VF = gal/ft	2" x 0.17 3" x 0.38	4" x 0.66 6" x 1.50

Gals. Purged	3	5	7	9			
Conduct.	1008	983	979	981			
P/H	7.12	7.02	7.00	7.00			
Temp (°F)	70.6	70.6	70.7	70.6			
Turbid	clear	slight	slight	clear			
Product/Sheen	N	N	N	N			
Time	1440	1442	1444	1446			
Odor	N	N	N	N			

Total Volume Purged: 4

Total Gallons Purged: 9

Purging Equipment: 24 Volt pump

Sampling Equipment: Bailer

D.T.W. after purging: 23.92

Sample Containers: 4 VOA w/ HCL

H_2O Stored? In drums on site

Comments: DO 4.1 orp 183

Mark D. Brock

Technician

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 909-721-2038	4. Waste Tracking Number NH52758-N

5. Generator's Name and Mailing Address
VALERO ENERGY
P.O. BOX 696000/MS F2A-189A
SAN ANTONIO, TX 78269-6000
Generator's Phone: 916-939-2170

Generator's Site Address (if different than mailing address)
VALERO #12574, 22315 REDWOOD RD
CASTRO VALLEY, CA 94546

6. Transporter 1 Company Name: ENVIRONMENTAL LOGISTICS, INC — U.S. EPA ID Number: CAR000172478

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: FILTER RECYCLING SERVICES, INC.
180 W. MONTE AVE
RIALTO, CA 92316
Facility's Phone: 909-421-2012
U.S. EPA ID Number: CAD982444481

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS WASTE LIQUID	002	DM	110	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
9.1) WATER# 03121602 WEAR APPROPRIATE PPE INV # 52758-N
2X55

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: X — Signature: X — Month 3 Day 16 Year 09

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: CHRIS GEBHARDT — Signature — Month 3 Day 16 Year 09
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Steven Master — Signature — Month 3 Day 21 Year 09

ATTACHMENT C

ANALYTICAL REPORT

KIFF Analytical LLC

Report Number : 67489
Date : 03/03/2009

Ken Mateik
Horizon Environmental
4970 Windplay Drive, Suite 5
El Dorado Hills, CA 95762

Subject : 5 Water Samples
Project Name : Former Beacon 12574-Q1
Project Number : 1574.46
P.O. Number : 12574-32

Dear Mr. Mateik,

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 : 67489
Date : 03/03/2009

Project Name : **Former Beacon 12574-Q1**
Project Number : **1574.46**

Sample : **MW-1** Matrix : Water Lab Number : 67489-01
Sample Date :02/25/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**400**	0.90	ug/L	EPA 8260B	02/27/2009
Toluene	**7.0**	0.90	ug/L	EPA 8260B	02/27/2009
Ethylbenzene	**53**	0.90	ug/L	EPA 8260B	02/27/2009
Total Xylenes	**34**	0.90	ug/L	EPA 8260B	02/27/2009
Methyl-t-butyl ether (MTBE)	**33**	0.90	ug/L	EPA 8260B	02/27/2009
Diisopropyl ether (DIPE)	**1.3**	0.90	ug/L	EPA 8260B	02/27/2009
Ethyl-t-butyl ether (ETBE)	**< 0.90**	0.90	ug/L	EPA 8260B	02/27/2009
Tert-amyl methyl ether (TAME)	**< 0.90**	0.90	ug/L	EPA 8260B	02/27/2009
Tert-Butanol	**16**	5.0	ug/L	EPA 8260B	02/27/2009
TPH as Gasoline	**1700**	90	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane	**< 0.90**	0.90	ug/L	EPA 8260B	02/27/2009
1,2-Dibromoethane	**< 0.90**	0.90	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane-d4 (Surr)	98.4		% Recovery	EPA 8260B	02/27/2009
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	02/27/2009

KIFF Analytical LLC

Report Number : 67489
Date : 03/03/2009

Project Name : **Former Beacon 12574-Q1**
Project Number : **1574.46**

Sample : **MW-2** Matrix : Water Lab Number : 67489-02
Sample Date :02/25/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**3600**	7.0	ug/L	EPA 8260B	02/27/2009
Toluene	**66**	7.0	ug/L	EPA 8260B	02/27/2009
Ethylbenzene	**400**	7.0	ug/L	EPA 8260B	02/27/2009
Total Xylenes	**320**	7.0	ug/L	EPA 8260B	02/27/2009
Methyl-t-butyl ether (MTBE)	**130**	7.0	ug/L	EPA 8260B	02/27/2009
Diisopropyl ether (DIPE)	**< 7.0**	7.0	ug/L	EPA 8260B	02/27/2009
Ethyl-t-butyl ether (ETBE)	**< 7.0**	7.0	ug/L	EPA 8260B	02/27/2009
Tert-amyl methyl ether (TAME)	**< 7.0**	7.0	ug/L	EPA 8260B	02/27/2009
Tert-Butanol	**74**	40	ug/L	EPA 8260B	02/27/2009
TPH as Gasoline	**11000**	700	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane	**< 7.0**	7.0	ug/L	EPA 8260B	02/27/2009
1,2-Dibromoethane	**< 7.0**	7.0	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane-d4 (Surr)	99.4		% Recovery	EPA 8260B	02/27/2009
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	02/27/2009

KIFF Analytical LLC

Report Number : 67489
Date : 03/03/2009

Project Name : **Former Beacon 12574-Q1**
Project Number : **1574.46**

Sample : **MW-3** Matrix : Water Lab Number : 67489-03
Sample Date :02/25/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	02/27/2009
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	02/27/2009
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	02/27/2009

KIFF Analytical LLC

Report Number : 67489
Date : 03/03/2009

Project Name : **Former Beacon 12574-Q1**
Project Number : **1574.46**

Sample : **MW-4** Matrix : Water Lab Number : 67489-04
Sample Date :02/25/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	02/27/2009
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	02/27/2009
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	02/27/2009

KIFF Analytical LLC

Report Number : 67489
Date : 03/03/2009

Project Name : **Former Beacon 12574-Q1**
Project Number : **1574.46**

Sample : **MW-6** Matrix : Water Lab Number : 67489-05
Sample Date :02/25/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Methyl-t-butyl ether (MTBE)	**45**	0.50	ug/L	EPA 8260B	02/27/2009
Diisopropyl ether (DIPE)	**0.97**	0.50	ug/L	EPA 8260B	02/27/2009
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	02/27/2009
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane	**0.76**	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	02/27/2009
Toluene - d8 (Surr)	96.5		% Recovery	EPA 8260B	02/27/2009

Report Number : 67489

QC Report : Method Blank Data

Date : 03/03/2009

Project Name : **Former Beacon 12574-Q1**

Project Number : **1574.46**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	02/26/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/26/2009
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	02/26/2009
1,2-Dichloroethane-d4 (Surr)	99.1		%	EPA 8260B	02/26/2009
Toluene - d8 (Surr)	101		%	EPA 8260B	02/26/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	02/27/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/27/2009
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	02/27/2009
Toluene - d8 (Surr)	97.6		%	EPA 8260B	02/27/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	02/27/2009
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	02/27/2009
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	02/27/2009
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	02/27/2009
Toluene - d8 (Surr)	102		%	EPA 8260B	02/27/2009

Report Number : 67489

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 03/03/2009

Project Name : **Former Beacon 12574-Q1**

Project Number : **1574.46**

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
1,2-Dichloroethane	67491-05	<0.50	40.3	40.3	38.7	37.9	ug/L	EPA 8260B	2/26/09	96.0	94.0	2.04	70-130	25
Benzene	67491-05	<0.50	39.3	39.3	39.3	37.9	ug/L	EPA 8260B	2/26/09	99.9	96.2	3.68	70-130	25
Methyl-t-butyl ether	67491-05	0.88	39.6	39.6	39.0	38.6	ug/L	EPA 8260B	2/26/09	96.2	95.3	0.941	70-130	25
Tert-Butanol	67491-05	<5.0	200	200	198	198	ug/L	EPA 8260B	2/26/09	99.1	99.1	0.0305	70-130	25
Toluene	67491-05	<0.50	40.1	40.1	40.4	39.1	ug/L	EPA 8260B	2/26/09	101	97.5	3.30	70-130	25
1,2-Dichloroethane	67473-03	<0.50	40.3	40.3	45.4	45.2	ug/L	EPA 8260B	2/27/09	112	112	0.312	70-130	25
Benzene	67473-03	<0.50	39.3	39.3	42.2	41.3	ug/L	EPA 8260B	2/27/09	107	105	2.22	70-130	25
Methyl-t-butyl ether	67473-03	<0.50	39.6	39.6	42.9	42.4	ug/L	EPA 8260B	2/27/09	108	107	1.23	70-130	25
Tert-Butanol	67473-03	<5.0	200	200	206	207	ug/L	EPA 8260B	2/27/09	103	104	0.531	70-130	25
Toluene	67473-03	<0.50	40.1	40.1	38.9	38.6	ug/L	EPA 8260B	2/27/09	97.0	96.1	0.874	70-130	25
1,2-Dichloroethane	67473-02	<0.50	40.3	40.3	38.6	38.4	ug/L	EPA 8260B	2/27/09	95.8	95.2	0.636	70-130	25
Benzene	67473-02	<0.50	39.3	39.3	36.1	35.7	ug/L	EPA 8260B	2/27/09	91.7	90.7	1.12	70-130	25
Methyl-t-butyl ether	67473-02	<0.50	39.6	39.6	33.6	33.4	ug/L	EPA 8260B	2/27/09	84.9	84.3	0.704	70-130	25
Tert-Butanol	67473-02	<5.0	200	200	190	193	ug/L	EPA 8260B	2/27/09	95.2	96.4	1.24	70-130	25
Toluene	67473-02	<0.50	40.1	40.1	37.9	37.8	ug/L	EPA 8260B	2/27/09	94.4	94.3	0.108	70-130	25

Report Number : 67489

QC Report : Laboratory Control Sample (LCS)

Date : 03/03/2009

Project Name : **Former Beacon 12574-Q1**

Project Number : **1574.46**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,2-Dichloroethane	40.3	ug/L	EPA 8260B	2/26/09	93.6	70-130
Benzene	39.3	ug/L	EPA 8260B	2/26/09	99.1	70-130
Methyl-t-butyl ether	39.6	ug/L	EPA 8260B	2/26/09	96.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/26/09	97.6	70-130
Toluene	40.1	ug/L	EPA 8260B	2/26/09	99.0	70-130
1,2-Dichloroethane	40.3	ug/L	EPA 8260B	2/27/09	111	70-130
Benzene	39.3	ug/L	EPA 8260B	2/27/09	106	70-130
Methyl-t-butyl ether	39.6	ug/L	EPA 8260B	2/27/09	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/27/09	103	70-130
Toluene	40.1	ug/L	EPA 8260B	2/27/09	96.7	70-130
1,2-Dichloroethane	39.8	ug/L	EPA 8260B	2/27/09	99.2	70-130
Benzene	39.8	ug/L	EPA 8260B	2/27/09	100	70-130
Methyl-t-butyl ether	39.4	ug/L	EPA 8260B	2/27/09	90.8	70-130
Tert-Butanol	199	ug/L	EPA 8260B	2/27/09	98.6	70-130
Toluene	39.8	ug/L	EPA 8260B	2/27/09	99.4	70-130

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 67489

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): KEN MATEIK	California EDF Report? ☒ Yes ☐ No
Company / Address: Horizon Environmental, 4970 Windplay Drive, Suite 5, El Dorado Hills, CA 95762	Sampling Company Log Code: HEIE
Phone #: 916 - 939 - 2170 / Fax #: 916 - 939 - 2172	Global ID: T0600100155
Project #: 1574.46 / P.O. #: 12574-32	EDF Deliverable To (Email Address): kiffanalytical.com
Project Name: **Former Beacon 12574-Q1**	Sampler Signature: Mark D. Brock / Mark W. Brock
Project Address: **22315 Redwood Road, Castro Valley, CA 94546**	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Ice	Matrix: WATER	Matrix: Soil	Matrix: Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TAT	For Lab Use Only
MW-1	2-25-09	1628	4					X			X	X					X	X	X		X								1 wk	01
MW-2	2-25-09	1705	4					X			X	X					X	X	X		X								1 wk	02
MW-3	2-25-09	1550	4					X			X	X					X	X	X		X								1 wk	03
MW-4	2-25-09	1516	4					X			X	X					X	X	X		X								1 wk	04
MW-6	2-25-09	1451	4					X			X	X					X	X	X		X								1 wk	05

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☑ 1 wk

Relinquished by: Mark D. Brock / Mark W. Brock	Date: 2/26/09	Time: 9:44	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date: 022609	Time: 0944	Received by Laboratory: Kiff Analytical

Remarks:

STANDARD TURN AROUND TIME (One Week)

Bill to: ULTRAMAR Inc.
Attention: Mr. C. Shay Wideman

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
4.4	JSS	022609	1119	IR-1	(Yes) / No

Distribution: White - Lab; Copy - Originator
Rev: 051805

ATTACHMENT D

HISTORICAL GROUNDWATER DATA

Table 2
Cumulative Groundwater Elevation Data
Former Beacon Station # 12574 - Castro Valley, California

Well ID	Top of Casing Elevation (Feet)[1]	Date Sounded	Depth to Groundwater (Feet)[1]	Groundwater Elevation (Feet)[2]	Well Depth (Feet)
MW-1	156.55	03/27/92	22.43	134.12	-
		06/04/92	23.40	133.15	-
		09/23/92	24.07	132.48	-
		11/12/92	24.16	132.39	29.33
		02/02/93	21.87	134.68	29.80
		05/07/93	22.58	133.97	29.84
		05/18/93	22.66	133.89	-
		08/11/93	23.41	133.14	29.81
		11/05/93	24.09	132.46	29.81
		03/01/94	22.76	133.79	29.85
		06/02/94	23.24	133.31	29.85
		09/09/94	23.93	132.62	29.86
		12/20/94	22.94	133.61	29.85
		03/08/95	22.20	134.35	29.71
		06/14/95	22.65	133.90	29.70
		09/26/95	23.44	133.11	29.71
		12/27/95	23.04	133.51	29.72
		03/26/96	21.39	135.16	29.71
		06/05/96	22.43	134.12	29.73
		09/16/96	24.42	132.13	29.74
		12/02/96	23.14	133.41	29.75
		03/10/97	22.30	134.25	29.76
		06/12/97	22.97	133.58	29.76
		09/29/97	23.35	133.20	29.78
		12/01/97	22.73	133.82	29.79
		03/19/98	20.56	135.99	29.78
		05/28/98	21.78	134.77	29.76
		08/31/98	22.64	133.91	29.78
		12/08/98	22.87	133.68	29.76
		02/17/99	21.53	135.02	29.75
		06/10/99	22.74	133.81	29.74
		09/07/99	23.06	133.49	29.73
		12/13/00	23.06	133.46	29.74
		3/16/00	20.66	135.89	29.75
		6/12/00	22.53	134.02	29.76
		9/5/00	22.73	133.82	29.74
		11/13/00	23.20	133.35	29.74
		2/26/01	21.75	134.80	29.73
		6/12/01	22.70	133.85	29.73
		9/21/01	23.40	133.15	29.73
MW-2	155.17	03/27/92	20.82	134.35	-
		06/04/92	21.81	133.36	-
		09/23/92	22.45	132.72	-
		11/12/92	22.60	132.57	29.71

Table 2
Cumulative Groundwater Elevation Data
Former Beacon Station # 12574 - Castro Valley, California

Well ID	Top of Casing Elevation (Feet)[1]	Date Sounded	Depth to Groundwater (Feet)[1]	Groundwater Elevation (Feet)[2]	Well Depth (Feet)
		02/02/93	20.28	134.89	29.73
		05/07/93	20.97	134.20	29.73
		05/18/93	21.06	134.11	-
		08/11/93	21.85	133.32	29.70
		11/05/93	22.32	132.85	29.70
		03/01/94	21.19	133.98	29.68
		06/02/94	21.59	133.58	29.69
		09/09/94	22.33	132.84	29.66
		12/20/94	21.37	133.80	29.65
		03/08/95	20.60	134.57	29.52
		06/14/95	21.04	134.13	29.54
		09/26/95	21.84	133.33	29.53
		12/27/95	21.44	133.73	29.56
		03/26/96	19.81	135.36	29.56
		06/05/96	20.83	134.34	29.59
		09/16/96	21.93	133.24	29.58
		12/02/96	21.54	133.63	29.58
		03/10/97	20.71	134.46	29.58
		06/12/97	21.41	133.76	29.52
		09/29/97	21.26	133.91	29.51
		12/01/97	20.97	134.20	29.50
		03/19/98	18.98	136.19	29.51
		05/28/98	20.22	134.95	29.50
		08/31/98	21.09	134.08	29.51
		12/08/98	21.31	133.86	29.50
		02/17/99	20.02	135.15	29.51
		06/10/99	21.30	133.87	29.50
		09/07/99	21.49	133.68	29.50
		12/13/99	21.52	133.65	29.50
		3/16/00	19.13	136.04	29.50
		6/12/00	20.93	134.24	29.50
		9/5/00	21.15	134.02	29.50
		11/13/00	21.66	133.51	29.50
		2/26/01	20.17	135.00	29.50
		6/12/01	21.15	134.02	29.50
		9/21/01	21.63	133.54	29.50
MW-3	157.13	03/27/92	21.46	135.67	-
		06/04/92	22.34	134.79	-
		09/23/92	22.84	134.29	-
		11/12/92	23.04	134.09	29.55
		02/02/93	21.03	136.10	29.45
		05/07/93	21.59	135.54	29.53
		05/18/93	21.73	135.40	-
		08/11/93	22.31	134.82	29.41
		11/05/93	22.85	134.28	29.41

Table 2
Cumulative Groundwater Elevation Data
Former Beacon Station # 12574 - Castro Valley, California

Well ID	Top of Casing Elevation (Feet)[1]	Date Sounded	Depth to Groundwater (Feet)[1]	Groundwater Elevation (Feet)[2]	Well Depth (Feet)
		03/01/94	21.97	135.16	29.55
		06/02/94	22.29	134.84	29.56
		09/09/94	22.91	134.22	29.56
		12/20/94	22.11	135.02	29.54
		03/08/95	21.40	135.73	29.38
		06/14/95	21.80	135.33	29.36
		09/26/95	22.38	134.75	29.37
		12/27/95	22.07	135.06	29.37
		03/26/96	20.73	136.40	29.38
		06/05/96	21.54	135.59	29.40
		09/16/96	22.37	134.76	29.43
		12/02/96	22.35	134.78	29.45
		03/10/97	21.44	135.69	29.47
		06/12/97	21.97	135.16	29.45
		09/29/97	22.30	134.83	29.45
		12/01/97	21.78	135.35	29.46
		03/19/98	19.88	137.25	29.46
		05/28/98	20.91	136.22	29.47
		08/31/98	21.61	135.52	29.47
		12/08/98	21.83	135.30	29.47
		02/17/99	20.81	130.32	29.45
		06/10/99	21.61	135.52	29.45
		09/07/99	21.91	135.22	29.45
		12/13/99	21.93	135.20	29.44
		3/16/00	19.86	137.27	29.46
		6/12/00	21.61	135.52	29.46
		9/5/00	21.54	135.59	29.47
		11/13/00	21.98	135.15	29.46
		2/26/01	20.65	136.48	29.46
		6/12/01	21.70	135.43	29.46
		9/21/01	22.05	135.07	29.46
MW-4	151.96	05/18/93	17.55	134.41	-
		08/11/93	17.50	134.46	28.43
		11/05/93	15.84	136.12	28.43
		03/01/94	17.35	134.61	28.11
		06/02/94	17.68	134.28	28.12
		09/09/94	18.19	133.77	28.13
		12/20/94	17.52	134.44	28.10
		03/08/95	16.82	135.14	27.97
		06/14/95	17.22	134.74	27.97
		09/26/95	17.79	134.17	27.91
		12/27/95	17.47	134.49	27.89
		03/26/96	16.32	135.64	27.89
		06/05/96	17.10	134.86	27.88
		09/16/96	17.85	134.11	27.89

Table 2
Cumulative Groundwater Elevation Data
Former Beacon Station # 12574 - Castro Valley, California

Well ID	Top of Casing Elevation (Feet)[1]	Date Sounded	Depth to Groundwater (Feet)[1]	Groundwater Elevation (Feet)[2]	Well Depth (Feet)
		12/02/96	17.59	134.37	27.88
		03/10/97	16.79	135.17	27.89
		06/12/97	17.49	134.47	27.90
		09/29/97	18.33	133.63	27.91
		12/01/97	17.36	134.60	27.90
		03/19/98	15.90	136.06	27.91
		05/28/98	16.34	135.62	27.90
		08/31/98	16.83	135.13	27.90
		12/08/98	17.37	134.59	27.91
		02/17/99	16.49	135.47	27.98
		06/10/99	17.63	134.33	24.76
		09/07/99	17.80	134.16	24.75
		12/13/99	17.82	134.14	24.73
		3/16/00	15.81	136.15	24.71
		6/12/00	16.64	135.32	24.70
		9/5/00	16.71	135.25	24.70
		11/13/00	17.24	134.72	24.70
		2/26/01	15.83	136.13	24.70
		6/12/01	16.80	135.16	24.70
		9/21/01	17.30	134.66	24.71
MW-5	148.68	05/18/93	15.72	132.96	-
		08/11/93	16.42	132.26	28.43
		11/05/93	16.92	131.76	28.43
		03/01/94	15.54	133.14	28.11
		06/02/94	16.19	132.49	28.12
		09/09/94	16.87	131.81	28.13
		12/20/94	15.87	132.84	28.10
		03/08/95	15.11	133.57	27.97
		06/14/95	15.69	132.99	27.97
		09/26/95	16.46	132.22	27.91
		12/27/95	15.91	132.77	27.89
		03/26/96	14.31	134.37	27.89
		06/05/96	15.43	133.25	27.88
		09/16/96	16.52	132.16	27.89
		12/02/96	16.05	132.63	27.88
		03/10/97	14.80	133.88	27.89
		06/12/97	15.95	132.78	27.90
		09/29/97	16.33	132.35	27.91
		12/01/97	15.48	133.20	27.90
		03/19/98	13.16	135.52	27.91
		05/28/98	14.04	134.64	27.90
		08/31/98	14.81	133.87	27.90
		12/08/98	15.75	132.93	27.91
		02/17/99	14.80	133.88	27.98
		06/10/99	15.54	133.14	24.76

Table 2
Cumulative Groundwater Elevation Data
Former Beacon Station # 12574 - Castro Valley, California

Well ID	Top of Casing Elevation (Feet)[1]	Date Sounded	Depth to Groundwater (Feet)[1]	Groundwater Elevation (Feet)[2]	Well Depth (Feet)
		09/07/99	16.01	132.67	24.75
		12/13/99	16.21	132.47	24.73
		3/16/00	14.35	134.33	29.60
		6/12/00	15.21	133.47	29.61
		9/5/00	15.80	132.88	29.60
		11/13/00	16.21	132.47	29.60
		2/26/01	14.71	133.97	29.61
		6/12/01	15.72	132.96	29.60
		9/21/01	16.21	132.47	29.60
MW-6	153.96	05/18/93	20.80	133.16	-
		08/11/93	21.64	132.32	31.15
		11/05/93	22.11	131.85	31.15
		03/01/94	20.80	133.16	29.96
		06/02/94	21.37	132.59	29.98
		09/09/94	22.05	131.91	29.96
		12/20/94	21.06	132.90	29.89
		03/08/95	20.29	133.67	29.67
		06/14/95	20.81	133.15	29.65
		09/26/95	21.62	132.34	29.66
		12/27/95	21.12	132.84	29.63
		03/26/96	19.50	134.46	29.60
		06/05/96	20.56	133.40	29.63
		09/16/96	21.70	132.26	29.65
		12/02/96	21.25	132.71	29.66
		03/10/97	20.16	133.80	29.64
		06/12/97	21.16	132.80	29.62
		09/29/97	21.51	132.45	29.62
		12/01/97	20.89	133.07	29.61
		03/19/98	18.71	135.25	29.60
		05/28/98	19.99	133.97	29.62
		08/31/98	20.81	133.15	29.63
		12/08/98	21.00	132.96	29.64
		02/17/99	19.54	134.42	29.63
		06/10/99	20.74	133.22	27.98
		09/07/99	21.23	132.73	27.98
		12/13/99	21.22	132.74	27.98
		3/16/00	18.79	135.17	27.99
		6/12/00	20.49	133.47	27.99
		9/5/00	20.95	133.01	27.98
		11/13/00	21.44	132.52	27.98
		2/26/01	19.86	134.10	27.99
		6/12/01	20.91	133.05	27.98
		9/21/01	21.22	132.74	27.99
MW-7	156.09	05/18/93	22.64	133.45	-

Table 2
Cumulative Groundwater Elevation Data
Former Beacon Station # 12574 - Castro Valley, California

Well ID	Top of Casing Elevation (Feet)[1]	Date Sounded	Depth to Groundwater (Feet)[1]	Groundwater Elevation (Feet)[2]	Well Depth (Feet)
		08/11/93	23.25	132.84	30.75
		11/05/93	23.93	132.16	30.75
		03/01/94	22.72	133.37	30.11
		06/02/94	23.22	132.87	30.12
		09/09/94	23.90	132.19	30.12
		12/20/94	22.98	133.11	30.10
		03/08/95	22.14	133.95	29.91
		06/14/95	22.61	133.48	29.91
		09/26/95	23.43	132.66	29.90
		12/27/95	23.01	133.08	29.90
		03/26/96	21.32	134.77	29.87
		06/05/96	22.37	133.72	29.91
		09/16/96	23.51	132.58	29.90
		12/02/96	23.08	133.01	29.91
		03/10/97	21.94	134.15	29.90
		06/12/97	22.96	133.13	29.88
		09/29/97	23.35	132.74	29.87
		12/01/97	22.68	133.41	29.88
		03/19/98	20.52	135.57	29.88
		05/28/98	21.76	134.33	29.88
		08/31/98	22.66	133.43	29.86
		12/08/98[3]			
MW-8	158.04	05/18/93	21.55	136.49	-
		08/11/93	22.43	135.61	34.82
		11/05/93	23.00	135.04	34.82
		03/01/94	22.05	135.99	34.04
		06/02/94	22.29	135.75	34.04
		09/09/94	22.99	135.05	34.04
		12/20/94	22.14	135.90	33.98
		03/08/95	21.25	136.79	34.48
		06/14/95	21.70	136.34	34.49
		09/26/95	22.29	135.75	34.40
		12/27/95	21.96	136.08	34.43
		03/26/96	20.48	137.56	34.42
		06/05/96	21.50	136.54	34.41
		09/16/96	22.38	135.66	34.43
		12/02/96	22.39	135.65	34.42
		03/10/97	20.89	137.16	34.43
		06/12/97	21.80	136.24	34.42
		09/29/97	22.81	135.23	34.40
		12/01/97	21.70	136.34	34.41
		03/19/98	19.35	138.69	34.42
		05/28/98	20.52	137.52	34.41
		08/31/98	21.40	136.64	34.40
		12/08/98[3]			

Table 2
Cumulative Groundwater Elevation Data
Former Beacon Station # 12574 - Castro Valley, California

Well ID	Top of Casing Elevation (Feet)[1]	Date Sounded	Depth to Groundwater (Feet)[1]	Groundwater Elevation (Feet)[2]	Well Depth (Feet)

NOTES:
1 : Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 : Elevation reference to mean sea level.
Well Depth : Measured from top of casing to bottom of well.
3 : Well abandoned.

Table 3
Summary of Groundwater Analytical Results
Former Beacon Station # 12574 - Castro Valley, California

Well ID	Sample Date	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-1	03/27/92	5,600	<50	<50	760	900	230	1,100	-
	06/04/92	2,600	<800	NA	270	57	230	440	-
	09/23/92	3,400	NA	NA	480	430	110	550	-
	11/12/92	2,700	NA	NA	5.8	<5.0	140	340	-
	02/02/93	8,500	NA	NA	760	770	250	1,200	-
	05/07/93	7,700	NA	NA	970	630	280	1,500	-
	08/11/93	11,000	NA	NA	1,400	1,000	280	1,600	-
	11/05/93	36,000	NA	NA	6,200	4,700	1,400	7,100	-
	03/01/94	3,800	NA	NA	580	490	110	620	-
	06/02/94	8,900	NA	NA	1,900	1,200	480	2,100	-
	09/09/94	4,300	NA	NA	740	290	200	630	-
	12/20/94	3,900	NA	NA	550	260	150	510	-
	03/08/95	8,100	NA	NA	1,100	540	250	1,100	-
	06/14/95	NS	NS	NS	NS	NS	NS	NS	-
	09/26/95	8,600	NA	NA	2,100	550	420	1,300	-
	12/27/95	NS	NS	NS	NS	NS	NS	NS	-
	03/26/96	21,000	NA	NA	7,000	2,700	590	7,000	-
	06/05/96	NS	NS	NS	NS	NS	NS	NS	-
	09/16/96	13,000	NA	NA	3,200	770	420	2,900	1,400
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	30,000	NA	NA	7,300	1,900	850	7,100	1,100
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS
	09/29/97	25,000	NA	NA	840	5,500	920	920	4,000
	12/01/97	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/98	90,000	NA	NA	15,000	7,000	3,300	20,000	<1,500
	05/28/98	NS	NS	NS	NS	NS	NS	NS	NS
	08/31/98	50,000	NA	NA	9,900	1,500	2,100	9,400	890
	12/08/98	NS	NS	NS	NS	NS	NS	NS	NS
	02/17/99	30,000	NA	NA	8,000	1,100	2,200	10,000	720
	06/10/99	NS	NS	NS	NS	NS	NS	NS	NS
	09/07/99	37,000	NA	NA	13,000	410	2,000	10,000	570
	12/13/99	NS	NS	NS	NS	NS	NS	NS	NS
	3/16/00	59,000	NA	NA	9,600	430	2,100	9,200	730
	6/12/00	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/00	49,000	NA	NA	8,000	230	2,100	6,400	740
	11/13/00	NS	NS	NS	NS	NS	NS	NS	NS
	2/26/01	56,000	NA	NA	7,000	240	2,000	6,800	620
	6/12/01	NS	NS	NS	NS	NS	NS	NS	NS

Table 3
Summary of Groundwater Analytical Results
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Well ID	Sample Date	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-2	9/21/01	23,000	NA	NA	4,600	75	1,200	2,300	450
	03/27/92	18,000	<50	<50	2,400	2,300	870	3,300	-
	06/04/92	14,000	<5,000	NA	1,900	1,700	580	2,300	-
	09/23/92	22,000	NA	NA	2,100	1,500	760	2,900	-
	11/12/92	29,000	NA	NA	2,400	860	540	3,500	-
	02/02/93	24,000	NA	NA	2,700	1,900	590	2,600	-
	05/07/93	19,000	NA	NA	1,800	1,300	460	2,600	-
	08/11/93	23,000	NA	NA	2,300	1,500	550	2,300	-
	11/05/93	30,000	NA	NA	3,100	2,900	860	3,700	-
	03/01/94	13,000	NA	NA	1,500	490	350	1,100	-
	06/02/94	12,000	NA	NA	2,000	790	460	1,300	-
	09/09/94	13,000	NA	NA	1,800	660	440	1,000	-
	12/20/94	16,000	NA	NA	2,300	1,000	650	1,900	-
	03/08/95	16,000	NA	NA	2,200	1,000	550	2,100	-
	06/14/95	NS	NS	NS	NS	NS	NS	NS	-
	09/26/95	18,000	NA	NA	2,500	1,000	770	2,700	-
	12/27/95	NS	NS	NS	NS	NS	NS	NS	-
	03/26/96	33,000	NA	NA	4,200	2,600	1,000	5,000	-
	06/05/96	NS	NS	NS	NS	NS	NS	NS	-
	09/16/96	19,000	NA	NA	2,600	490	560	2,000	940
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	23,000	NA	NA	3,700	870	650	3,000	1,400
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS
	09/29/97	30,000	NA	NA	4,900	880	990	3,800	1,400
	12/01/97	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/98	72,000	NA	NA	14,000	9,500	2,300	11,000	<1,500
	05/28/98	NS	NS	NS	NS	NS	NS	NS	NS
	08/31/98	29,000	NA	NA	4,900	1,600	960	3,900	890
	12/08/98	NS	NS	NS	NS	NS	NS	NS	NS
	02/17/99	26,000	NA	NA	5,200	930	1,200	4,400	640
	06/10/99	NS	NS	NS	NS	NS	NS	NS	NS
	09/07/99	32,000	NA	NA	5,700	600	1200	3,500	1,100
	12/13/99	NS	NS	NS	NS	NS	NS	NS	NS
	3/16/00	38,000	NA	NA	4,900	780	1,100	3,700	870
	6/12/00	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/00	21,000	NA	NA	3,400	490	730	2,200	1,000
	11/13/00	NS	NS	NS	NS	NS	NS	NS	NS
	2/26/01	33,000	NA	NA	5,200	260	1,400	3,200	740

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MW-3	6/12/01	NS	NS	NS	NS	NS	NS	NS	NS
	9/21/01	63,000	NA	NA	4,400	180	1,000	2,000	730
	03/27/92	160	<50	<50	9.2	4.8	10	23	-
	06/04/92	120	<50	NA	7.5	2.7	0.5	15	-
	09/23/92	220	NA	NA	8.3	4.3	62	19	-
	11/12/92	230	NA	NA	12	5.5	77	19	-
	02/02/93	86	NA	NA	2.4	0.71	27	6.2	-
	05/07/93	140	NA	NA	2.6	1.2	39	8.4	-
	08/11/93	490	NA	NA	15	8.1	14	37	-
	11/05/93	820	NA	NA	45	24	34	93	-
	03/01/94	410	NA	NA	7.4	2.7	56	10	-
	06/02/94	440	NA	NA	13	4.9	14	31	-
	09/09/94	620	NA	NA	12	4.8	97	20	-
	12/20/94	770	NA	NA	24	11	16	36	-
	03/08/95	300	NA	NA	6.1	0.97	4.8	7.5	-
	06/14/95	NS	NS	NS	NS	NS	NS	NS	-
	09/26/95	130	NA	NA	4.8	1.6	4.8	9.4	-
	12/27/95	NS	NS	NS	NS	NS	NS	NS	-
	03/26/96	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	-
	06/05/96	NS	NS	NS	NS	NS	NS	NS	-
	09/16/96	170	NA	NA	10	2.9	44	15	<5.0
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	84	NA	NA	2.3	<0.50	14	2.6	<5.0
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS
	09/29/97	740	NA	NA	61	9.8	42	61	<5.0
	12/01/97	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	05/28/98	NS	NS	NS	NS	NS	NS	NS	NS
	08/31/98	320	NA	NA	6.7	1.0	10	9.3	3.4
	12/08/98	NS	NS	NS	NS	NS	NS	NS	NS
	02/17/99	310	NA	NA	<5.0	8.6	1.8	13	14
	06/10/99	NS	NS	NS	NS	NS	NS	NS	NS
	09/07/99	99	NA	NA	4.2	0.51	4.0	3.0	<5.0
	12/13/99	NS	NS	NS	NS	NS	NS	NS	NS
	3/16/00	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	6/12/00	NS	NA	NA	NS	NS	NS	NS	NS
	9/5/00	240	NA	NA	3.0	0.53	9.6	4.0	<5.0
	11/13/00	NS	NA	NA	NS	NS	NS	NS	NS

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Well ID	Sample Date	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-4	2/26/01	100	NA	NA	0.84	<0.50	3.5	1.7	0.84
	6/12/01	NS	NS	NS	NS	NS	NS	NS	NS
	8/27/01[3]	-	-	-	-	-	-	-	
	05/18/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	08/11/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	11/05/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	03/01/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	06/02/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	09/09/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	12/20/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	03/08/95	NS	NS	NS	NS	NS	NS	NS	-
	06/14/95	NS	NS	NS	NS	NS	NS	NS	-
	09/26/95	NS	NS	NS	NS	NS	NS	NS	-
	12/27/95	NS	NS	NS	NS	NS	NS	NS	-
	03/26/96	NS	NS	NS	NS	NS	NS	NS	-
	06/05/96	NS	NS	NS	NS	NS	NS	NS	-
	09/16/96	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	NS	NS	NS	NS	NS	NS	NS	NS
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS
	09/29/97	NS	NS	NS	NS	NS	NS	NS	NS
	12/01/97	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/98	NS	NS	NS	NS	NS	NS	NS	NS
	05/28/98	NS	NS	NS	NS	NS	NS	NS	NS
	08/31/98	NS	NS	NS	NS	NS	NS	NS	NS
	12/08/98	NS	NS	NS	NS	NS	NS	NS	NS
	02/17/99	NS	NS	NS	NS	NS	NS	NS	NS
	06/10/99	NS	NS	NS	NS	NS	NS	NS	NS
	09/07/99	NS	NS	NS	NS	NS	NS	NS	NS
	12/13/99	NS	NS	NS	NS	NS	NS	NS	NS
	3/16/00	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/00	NS	NS	NS	NS	NS	NS	NS	NS
	9/5/00	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/00	NS	NS	NS	NS	NS	NS	NS	NS
	2/26/01	NS	NS	NS	NS	NS	NS	NS	NS
	6/12/01	NS	NS	NS	NS	NS	NS	NS	NS
	8/27/01[3]	-	-	-	-	-	-	-	-
MW-5	05/18/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	08/11/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-

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	11/05/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	03/01/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	06/02/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	09/09/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
MW-5	12/20/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
(cont.)	03/08/95	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	06/14/95	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	09/26/95	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	-
	12/27/95	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	-
	03/26/96	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	-
	06/05/96	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	15
	09/16/96	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	20
	12/02/96	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	12
	03/10/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	7.0
	06/12/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	7.2
	09/29/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	12/01/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	03/19/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	05/28/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	08/31/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50
	12/08/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	02/17/99	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	06/10/99	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	09/07/99	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	12/13/99	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	3/16/00	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	6/12/00	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	9/5/00	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	11/13/00	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50
	2/26/01	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50
	6/12/01	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50
	8/27/01[3]	-	-	-	-	-	-	-	-
MW-6	05/18/93	170	NA	NA	<0.5	<0.5	<0.5	<0.5	
	08/11/93	78	NA	NA	<0.5	<0.5	<0.5	<0.5	
	11/05/93	170	NA	NA	<0.5	<0.5	<0.5	<0.5	
	03/01/94	210	NA	NA	<0.5	<0.5	<0.5	<0.5	
	06/02/94	190	NA	NA	<0.5	<0.5	<0.5	<0.5	
	09/09/94	140	NA	NA	<0.5	<0.5	<0.5	<0.5	
	12/20/94	210	NA	NA	<0.5	<0.5	<0.5	<0.5	

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	03/08/95	180[1]	NA	NA	<0.5	<0.5	<0.5	<0.5	
	06/14/95	220[1]	NA	NA	<0.5	<0.5	<0.5	<0.5	
	09/26/95	110[1]	NA	NA	<0.50	<0.50	<0.50	<0.50	
	12/27/95	130[1]	NA	NA	<0.50	<0.50	<0.50	<0.50	
	03/08/95	100[1]	NA	NA	<0.50	<0.50	<0.50	<0.50	
MW-6	06/05/96	100[1]	NA	NA	<0.50	<0.50	<0.50	<0.50	430
(cont.)	09/16/96	170	NA	NA	<0.50	<0.50	<0.50	<0.50	430
	12/02/96	160	NA	NA	<0.50	<0.50	<0.50	<0.50	160
	03/10/97	140	NA	NA	<0.50	<0.50	<0.50	<0.50	390
	06/12/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	330
	09/29/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	130
	12/01/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	200
	03/19/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	240
	05/28/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	290
	08/31/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	290
	12/08/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	230
	02/17/99	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	200
	06/10/99	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	290
	09/07/99	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	230
	12/13/99	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	180
	3/16/00	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	260
	6/12/00	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	160
	9/5/00	<50	NA	NA	<0.50	0.50	<0.50	0.81	170
	11/13/00	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	190
	2/26/01	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	130
	6/12/01	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	96
	8/27/01[3]	-	-	-	-	-	-	-	-
MW-7	05/18/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	
	08/11/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	
	11/05/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	
	03/01/94	60	NA	NA	<0.5	<0.5	<0.5	<0.5	
	06/02/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	
	09/09/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	
	12/20/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	
	03/08/95	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	
	06/14/95	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	
	09/26/95	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	
	12/27/95	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	

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	03/08/95	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	
	06/05/96	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	20
	09/16/96	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	26
	12/02/96	140	NA	NA	<0.50	<0.50	<0.50	<0.50	140
	03/10/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	29
	06/12/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	28
	09/29/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	27
MW-7	12/01/97	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	29
(cont.)	03/19/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	6.0
	05/28/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	25
	08/31/98	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	20
	12/08/98[2]								
MW-8	05/18/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	08/11/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	11/05/93	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	03/01/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	06/02/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	09/09/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	12/20/94	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	-
	03/08/95	NS	NS	NS	NS	NS	NS	NS	-
	06/14/95	NS	NS	NS	NS	NS	NS	NS	-
	09/26/95	NS	NS	NS	NS	NS	NS	NS	-
	12/27/95	NS	NS	NS	NS	NS	NS	NS	-
	03/08/95	NS	NS	NS	NS	NS	NS	NS	-
	06/05/96	NS	NS	NS	NS	NS	NS	NS	-
	09/16/96	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<5.0
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	NS	NS	NS	NS	NS	NS	NS	NS
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS
	09/29/97	NS	NS	NS	NS	NS	NS	NS	NS
	12/01/97	NS	NS	NS	NS	NS	NS	NS	NS
	03/19/98	NS	NS	NS	NS	NS	NS	NS	NS
	05/28/98	NS	NS	NS	NS	NS	NS	NS	NS
	08/31/98	NS	NS	NS	NS	NS	NS	NS	NS
	12/08/98[2]								

Notes:
<: Below indicated detection limit.
NS : Not sampled.
NA: Not Analyzed.

Table 3
Summary of Groundwater Analytical Results
Former Beacon Station # 12574 - Castro Valley, California

Well ID	Sample Date	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)

[1] : Product not typical gasoline.
[2] : Well abandoned
[3] : As directed by Alameda County, Monitoring wells not sampled.

ATTACHMENT E

GEOTRACKER ELECTRONIC DATA DELIVERABLE

CONFIRMATION SHEETS

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	GEO_WELL
Submittal Title:	1574-Q109
Facility Global ID:	T0600100155
Facility Name:	BEACON #12574
File Name:	GEO_WELL.zip
Organization Name:	Horizon Environmental Inc.
Username:	HORIZON
IP Address:	76.167.104.234
Submittal Date/Time:	3/23/2009 11:16:01 PM
Confirmation Number:	9458031773

UPLOADING A GEO_REPORT FILE

SUCCESS

Your GEO_REPORT file has been successfully submitted!

Submittal Type:	GEO_REPORT
Report Title:	12574-Q308-SAMR
Report Type:	Monitoring Report - Semi-Annually
Report Date:	9/30/2008
Facility Global ID:	T0600100155
Facility Name:	BEACON #12574
File Name:	12574-SAMR-Q308.pdf
Username:	Horizon Environmental Inc.
Username:	HORIZON
IP Address:	158.222.14.113
Submittal Date/Time:	9/30/2008 12:06:49 PM
Confirmation Number:	2463710963