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Alameda County Environmental Health

WORK PLAN FOR ADDITIONAL SITE ASSESSMENT

FORMER EZ SERVE STATION NO. 100877 525 WEST A STREET HAYWARD, CALIFORNIA ACEH FUEL LEAK CASE NO. RO0000023

Submitted to:
ALAMEDA COUNTY ENVIRONMENTAL HEALTH

Prepared for:
RESTRUCTURE PETROLEUM MARKETING SERVICES OF CALIFORNIA

NOVEMBER 2008

GEOENVIRO SERVICES, INC.

November 21, 2008 Project No. 07-131

Alameda County Department of Environmental Health 1131 Harbor Bay Park Way Alameda, California 94502

Attention: Paresh C. Khatri

SITE: FORMER EZ-SERVE LOCATION 100877

525 WEST A STREET HAYWARD, CALIFORNIA ACEH CASE NO. RO0000023

RE: TECHNICAL WORK PLAN FOR ADDITIONAL SITE ASSESSMENT

Dear Mr. Paresh:

GeoEnviro Services Inc. (GESI) has prepared this technical work plan for additional site assessment on behalf of Restructure Petroleum Marketing Services of California (RPMS of CA) for work to be conducted to the west of the Former EZ-Serve No. 100877 located at 525 West A Street, Hayward, California (Site).

Based upon groundwater monitoring activities completed through the Third Quarter 2008 (3Q08), the lateral extent of groundwater impacted with petroleum hydrocarbons is not completely defined to the west of the Site. This proposed work is being conducted prior to installation of additional groundwater monitoring well(s) west of the Site.

If you have any questions regarding this report, please contact us at (805) 642-1668 or at joe@geoenviroservices.com.

Sincerely,

GEOENVIRO SERVICES, INC.

Joseph P. Schaaf, P.G, C.Hg.

Principal Geologist

No. 526
CERTIFIED
HYDROGEOLOGIST
EXP. 5109

cc: Mr. Jack Ceccarelli, Restructure Petroleum Marketing Services of CA

Mr. Aziz Kandahari, KB Chevron, Property Owner

State Water Resources Control Board, Geotracker Database

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1.0 INTRODUCTION

At the request of Restructure Petroleum Marketing Services of California (RPMS), GeoEnviro Services, Inc (GESI) has prepared this work plan that describes the methodology to conduct additional site assessment activities at the Former EZ-Serve No. 100877 located at 525 West A Street, Hayward, California (Site). The location of the Site is shown on Figure 1 - Site Location Map.

Based upon recent groundwater monitoring data collected during Third Quarter 2008 and data previously collected from monitoring well MW-2 (formerly located in the northwestern portion of the Site) the lateral extent of dissolved phase petroleum hydrocarbons has not been defined to the west of the Site. On December 5, 2007, the Alameda County Environmental Health (ACEH) issued a letter requesting the replacement of well MW-2 that was previously abandoned. Prior to installing the replacement well for MW-2, GESI recommends that several Geoprobe borings be completed for collection of soil samples and for hydropunch groundwater samples to further evaluate the lateral extent of petroleum hydrocarbons and fuel oxygenates in the soil and groundwater to the west of the Site.

The proposed work includes the following tasks:

- Obtain a permit to complete 5 temporary Geoprobe borings for the collection of soil and groundwater samples from the County of Alameda Public Works Agency;
- Obtain a right of entry from the adjacent property owner to advance the drill holes;
- Mark the locations of the proposed hydropunch soil borings for utility clearance prior to advancement. Coordinate the site assessment field activities with appropriate regulatory agencies;
- Advance 5 soil borings using a Geoprobe drilling system. Each Geoprobe boring will be advanced to a depth of 22 feet. Soil samples will be continuously collected from 5 feet below ground surface (bgs) to at least 22 feet bgs. Soil sampling will be continued to depths greater than 22 feet if field indications of the presence of petroleum hydrocarbons in the soil are observed. At least two soil samples will be selected for preservation and submittal to an analytical laboratory for analysis.
- One groundwater sample will be collected from each Geoprobe boring location using a hydropunch sampler;
- Soil and groundwater samples will be analyzed for the presence of total petroleum hydrocarbons (TPH) identified as gasoline (TPH-G) using U.S. EPA Method 8015 modified, and for benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates: methyl-tert-butyl-ether (MTBE); di-isoproplyether (DIPE); tert-amyl methyl ether (TAME); ethyl tert-butyl ether (ETBE); and tert-butyl alcohol (TBA) using U.S. EPA Method 8260B;

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• Based upon the laboratory analytical data from soil and groundwater samples collected from the 5 soil borings, the location of additional groundwater monitoring well(s) to the west of the site will be selected. A report will be prepared documenting the site assessment methodology and the soil and groundwater sample analytical results. The report will include a work plan for the installation of the proposed groundwater monitoring well(s).

2.0 ENVIRONMENTAL SETTING

The following discussion summarizes the geologic, hydrogeologic, and other data necessary to understand the physical setting of the Project Site.

2.1 PROJECT LOCATION

The Site is an active gasoline service station and contains one building utilized as the station store building. The Site has recently been completely remodeled including new USTs and system components, new fuel dispenser islands and canopy, and a new station building. The Site has been identified by the ACED as Fuel Leak Case No. RO0000023. The Site is located on the northwest corner of West A Street and Garden Street in the City of Hayward (Figure 1). The area to the north and northeast of the Site is utilized for residential housing. Commercial property is located to the east and south of the Site. The property located adjacent to the Site to the west is developed for mixed use as residential and retail/commercial.

The Site is a approximate rectangular parcel measuring approximately 160 feet east to west by approximately 90 feet north to south. The Site contains two active underground storage tanks (USTs) used for gasoline and diesel fuel storage on the western portion of the Site and one UST used for bio-diesel fuel storage on the southern portion of the Site. Two fuel dispenser islands are located in the central portion of the Site. The existing USTs were installed in late 2007 and 2008. A map of the Site is shown on Figure 2. Four USTs were formerly located in the northwestern portion of the Site and were removed in 1990.

2.2 PHYSICAL SETTING

The Site is in the East Bay Area of the San Francisco Bay Area of California. The elevation of the Site is approximately 44 feet above mean sea level. The area of the Site slopes gradually to the west. The Hayward Airport is located approximately 0.5 miles west of the Site and State Route 880 is located approximately 500 feet east of the Site. The nearest surface water includes Lorenzo Creek located approximately 1.5 mile north of the Site and the San Francisco Bay located approximately 2.5 miles west of the Site.

2.3 GEOLOGY / HYDROGEOLOGY

The Site is located within the San Leandro Cone, a low gradient alluvial fan originating at the mouth of Castro Valley and spreads westward on to the Bay Plain. This alluvial cone overlies marine clay and intertidal deposits of sands and silts. Based upon soil samples

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collected from previous soil borings at the Site, the shallow soils consist of clay, silt silty sand, and sand to 30 feet bgs (maximum depth explored).

The shallowest regional aquifer is the Newark Aquifer that begins approximately 200 feet bgs. The Newark Aquifer consists of a series of laterally discontinuous lenses of fine to coarse sediments ranging from 10 feet to 100 feet in thickness. The regional hydraulic gradient is to the west towards San Francisco Bay.

Groundwater is present under unconfined conditions below the Site. Between February 1992 and August 2008 the depth to groundwater has ranged from a minimum of approximately 10 feet (June 1998) to a maximum depth of approximately 21 feet (February 1992). During the groundwater monitoring event completed in August 2008, the depth to groundwater ranged from approximately 15.37 feet (MW-1) to 17.37 feet (MW-12). The groundwater flow direction has typically been to the northwest to southwest. The hydraulic groundwater gradient has historically been on the order of 0.01 feet per foot. The most recent groundwater gradient map from Third Quarter 2008 is shown on Figure 2.

3.0 RECENT GROUNDWATER ANALYTICAL DATA

Available groundwater monitoring data collected through the Third Quarter 2008 is summarized on Table 1. Contour maps of groundwater elevations and dissolved phase concentrations of TPH-G, Benzene, and MTBE as measured during the Third Quarter 2008 are shown on Figures 3 through 5.

Based upon a review of recent groundwater monitoring data, GESI presents the following conclusions:

- The groundwater gradient was approximately 0.01 to the west to northwest.
- The depth to groundwater in well MW-2 (the closest to the proposed hydropunch soil borings) has ranged from 22.35 feet (in February 1992) to 11.58 feet (April 1998). Well MW-2 was abandoned in March 2006. The depth to groundwater in well MW-1, the second closest well to the proposed soil boring was 15.37 feet as measured in August 2008.
- Dissolved phase concentrations of total petroleum hydrocarbons as gasoline (TPHg) in well MW-2 ranged from 67,000 micrograms per liter (ug/L) in February 1992 to 8,700 ug/L in March 2006. Dissolved phase concentrations of benzene in well MW-2 ranged from 13,000 ug/L in February 1992 to 170 ug/L in March 2006. Dissolved phase concentrations of MTBE in well MW-2 ranged from 1,200 ug/L in November 1997 to 3.8 ug/L in March 2006.

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4.0 WORK PLAN FOR ADDITIONAL SITE ASSESSMENT ACTIVITIES

Additional assessment activities will include the advancement of five temporary soil borings using a Geoprobe sampling system. The locations of the proposed soil borings are shown on Figure 6.

4.1 PERMITTING AND ACCESS AGREEMENT

A permit to complete five temporary Geoprobe soil borings will be obtained from the County of Alameda Public Works Department. All five proposed boring locations will be located on the adjacent property to the west. An access agreement will be obtained from the adjacent property owner to complete the soil borings.

4.2 HEALTH AND SAFETY PLAN, UTILITY CLEARANCE, AND NOTIFICATION

A health and safety plan has been prepared and is included with this work plan as Appendix B. The health and safety plan outlines safety requirements for the project that will provide for worker and public safety in accordance with applicable CAL-OSHA and ACDH requirements.

GESI will mark the locations of the proposed soil borings and notify Underground Service Alert approximately 72-hours prior to the initiation of field activities to provide utility clearance for the Site. The soil borings will be advanced to a depth of approximately 5-feet using a hand auger.

The schedule for field activities will be coordinated with the ACHD and the property owner.

4.3 SOIL BORING ADVANCEMENT AND SAMPLE COLLECTION

GESI proposes to advance 5 soil borings (SB-1 through SB-5) for the collection of soil and groundwater samples to define the lateral extent of petroleum hydrocarbons and fuel oxygenates in the soil and groundwater to the west of the Site (Figure 6). During field activities, a geologist will be onsite to collect soil and groundwater samples for chemical analysis. Soil samples will be continuously cored during advancement of the soil borings from 5 feet to at least 22 feet bgs. Soil samples will be field screened for the potential presence of volatile hydrocarbons using a photo-ionization detector (PID). Field PID readings and soil descriptions will be included on field logs prepared by the geologist. Soil samples will be selected and preserved for laboratory analysis based upon field observations and PID readings. At least two soil samples per boring will be selected for analysis. If field indications of the presence of petroleum hydrocarbons are observed at soil samples collected at 22 feet bgs, the soil borings will be advanced to a greater depth for collections of deeper soil samples. Soil sampling will be terminated once field indications of the presence of petroleum hydrocarbons in the soil are not observed.

Upon completion of soil sampling activities, each soil boring will be further advanced to a depth of approximately 24 feet using a stainless steel hydropunch sampler. Once the hydropunch sampler reaches the target depth, the outer casing will be retracted two feet to expose the inner

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screened section. Water will enter the sampler through the screened section and will be extracted to the surface using 1/4-inch diameter polyethylene tubing equipped with a stainless steel check valve at the tip.

Water samples will be preserved in 40 milliliter VOA vials. All soil and groundwater sample containers will be labeled and preserved in a cooler on ice during transport to the analytical laboratory. Chain-of-custody documentation will accompany the samples to a State approved analytical laboratory for analysis. The soil borings will be backfilled with bentonite and sealed to match the surface using an asphalt or concrete patch.

4.4 CHEMICAL ANALYSIS OF SOIL AND GROUNDWATER SAMPLES

Soil and groundwater samples collected from the soil borings will be submitted for chemical analyses for the presence of TPH-G by U.S. EPA Method 8015 Modified, and for benzene, toluene, ethylbenzene, total xylenes (BTEX) and fuel oxygenates: methyl-tert-butyl-ether (MTBE); di-isoproplyether (DIPE); tert-amyl methyl ether (TAME); ethyl tert-butyl ether (ETBE); and tert-butyl alcohol (TBA) by U.S. EPA Method 8260B.

4.5 REPORTING

GESI will prepare a report documenting the field methodology and the laboratory analytical results. The report will include conclusions concerning the lateral extent of petroleum hydrocarbons and fuel oxygenates in the soil and groundwater to the west of the Site. Based upon the laboratory analytical data, the location of additional groundwater monitoring well(s) to west of the site will be selected. A report will be prepared documenting the site assessment methodology and the soil and groundwater sample analytical results. The report will include a work plan for the installation of the proposed groundwater monitoring well(s).

		Top of Casing	Screen	Free	Depth to	Groundwater
Well	Date	Elevation*	Interval	Product	Water	Elevation
ID	Monitored	(feet)	(fbg)		(feet)	(feet)
MW-1	02/05/92	41.75	15-29		20.82	20.93
MW-1	09/11/92	41.75	15-29		20.08	21.67
MW-1	12/22/92	41.75	15-29		19.79	21.96
MW-1	03/03/93	41.75	15-29		16.23	25.52
MW-1	06/23/93	41.75	15-29		16.86	24.89
MW-1	09/30/93	41.75	15-29		18.04	23.71
MW-1	02/06/94	41.75	15-29		18.15	23.60
MW-1	05/02/94	41.75	15-29		17.26	24.49
MW-1	07/01/94	41.75	15-29		17.60	24.15
MW-1	09/20/94	41.75	15-29		20.59	21.16
MW-1	12/05/92	41.75	15-29		17.83	23.92
MW-1	03/10/95	41.75	15-29		14.67	27.08
MW-1	03/15/95	41.75	15-29		14.43	27.32
MW-1	09/23/96	41.75	15-29		14.92	26.83
MW-1	12/04/96	41.75	15-29		15.61	26.14
MW-1	04/08/97	41.75	15-29		13.25	28.50
MW-1	06/30/97	41.75	15-29		14.68	27.07
MW-1	11/25/97	41.75	15-29		15.99	25.76
MW-1	06/01/98	41.75	15-29		9.98	31.77
MW-1	06/14/01	41.75	15-29		15.05	26.70
MW-1	11/07/01	41.75	15-29		16.31	25.44
MW-1	01/30/02	41.75	15-29		14.15	27.60
MW-1	05/29/02	41.75	15-29		14.55	27.20
MW-1	08/14/02	41.75	15-29		15.56	26.19
MW-1	11/15/02	41.75	15-29		16.10	25.65
MW-1	10/25/04	41.75	15-29		15.99	25.76
MW-1	12/23/04	41.75	15-29		15.64	26.11
MW-1	02/25/05	41.75	15-29		12.79	28.96
MW-1	05/19/05	41.75	15-29		12.27	29.48
MW-1	09/15/05	41.75	15-29		14.30	27.45
MW-1	03/20/06	41.75	15-29		11.44	30.31
MW-1	05/25/06	41.75	15-29		11.05	30.70
MW-1	08/23/06	41.75	15-29		12.75	29.00
MW-1	03/14/07	41.75	15-29		13.12	28.63
MW-1	06/11/07	41.75	15-29		14.42	27.33
MW-1	08/01/07	41.75	15-29		14.97	26.78
MW-1	02/27/08	41.75	15-29		13.35	28.40
MW-1	05/13/08	41.75	15-29		14.51	27.24
MW-1	08/27/08	41.75	15-29		15.37	26.38
MW-1A	06/23/93	43.40		0.21	17.80	25.75
MW-1A	09/30/93	43.40				
MW-1A	02/06/94	43.40			18.89	24.51
MW-1A	05/02/94	43.40		0.09	18.35	38.40
MW-1A	07/01/94	43.40			18.45	24.95
MW-1A	09/20/94	43.40		0.22	21.72	21.84
MW-1A	12/05/94	43.40		0.07	18.87	24.58

Well ID	Date Monitored	Top of Casing Elevation* (feet)	Screen Interval (fbg)	Free Product	Depth to Water (feet)	Groundwater Elevation (feet)
MW-1A	03/10/95	43.40			15.83	27.57
MW-1A	03/15/95	43.40		0.05	15.55	27.89
MW-1A	09/23/96	43.40		0.01	16.00	27.41
MW-1A	12/04/96	43.40			16.55	26.85
MW-1A	04/08/97	43.40		SHEEN	14.15	29.25
MW-1A	06/30/97	43.40			15.57	27.83
MW-1A	11/25/97	43.40			16.91	26.49
MW-1A	06/01/98	43.40			10.78	32.62
MW-1A	06/14/01	43.40		0.01	15.93	27.48
MW-1A	11/07/01	43.40			17.32	26.08
MW-1A	01/30/02	43.40			15.05	28.35
MW-1A	05/29/02	43.40			15.49	27.91
MW-1A	08/14/02	43.40			16.50	26.90
MW-1A	11/15/02	43.40			17.04	26.36
MW-1A	10/25/04	43.40			16.90	26.50
MW-1A	12/23/04	43.40			16.60	26.80
MW-1A	02/25/05	43.40			13.75	29.65
MW-1A	05/19/05	43.40			13.12	30.28
MW-1A	09/15/05	43.40			15.16	28.24
MW-1A	11/10/05	43.40			15.78	27.62
MW-1A	03/20/06	43.40			12.64	30.76
MW-1A	05/25/06	43.40			11.85	31.55
MW-1A	08/23/06	43.40			13.55	29.85
MW-1A	03/14/07	43.40			14.00	29.40
MW-1A	06/12/07	43.40			15.30	28.10
MW-1A	08/01/07	43.40			15.84	27.56
MW-1A	02/27/08	43.40			14.10	29.30
MW-1A	05/13/08	43.40	Well Not Acce	essable		
MW-1A	08/27/08	43.40	Well Dry			
MW-2	02/05/92	43.26	15-29		22.35	20.91
MW-2	09/11/92	43.26	15-29		21.67	21.59
MW-2	12/22/92	43.26	15-29		21.39	21.87
MW-2	03/03/93	43.26	15-29		17.75	25.51
MW-2	06/23/93	43.26	15-29		18.42	24.84
MW-2	09/30/93	43.26	15-29		19.63	23.63
MW-2	02/06/94	43.26	15-29		19.61	23.65
MW-2	05/02/94	43.26	15-29		19.84	23.42
MW-2	07/01/94	43.26	15-29		19.18	24.08
MW-2	09/20/94	43.26	15-29		22.17	21.09
MW-2	12/06/94	43.26	15-29		19.37	23.89
MW-2	03/10/95	43.26	15-29		16.33	26.93
MW-2	03/15/95	43.26	15-29		16.89	26.37
MW-2	09/23/96	43.26	15-29		16.61	26.65
MW-2	12/04/96	43.26	15-29		17.19	26.07
MW-2	04/08/97	43.26	15-29		14.86	28.40
MW-2	06/30/97	43.26	15-29		16.28	26.98

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Well ID	Date Monitored	Top of Casing Elevation* (feet)	Screen Interval (fbg)	Free Product	Depth to Water (feet)	Groundwater Elevation (feet)
MW-2	11/25/97	43.26	15-29		17.56	25.70
MW-2	06/01/98	43.26	15-29		11.58	31.68
MW-2	06/14/01	43.26	15-29		16.63	26.63
MW-2	11/07/01	43.26	15-29		17.85	25.41
MW-2	01/30/02	43.26	15-29		15.65	27.61
MW-2	05/29/02	43.26	15-29		16.12	27.14
MW-2	08/14/02	43.26	15-29		17.20	26.06
MW-2	11/15/02	43.26	15-29		17.63	25.63
MW-2	10/25/04	43.26	15-29		17.53	25.73
MW-2	12/23/04	43.26	15-29		17.15	26.11
MW-2	02/25/05	43.26	15-29		14.30	28.96
MW-2	05/19/05	43.26	15-29		13.81	29.45
MW-2	09/15/05	43.26	15-29	Inaccessible	e due to temp	
MW-2	11/10/05	43.26	15-29		16.39	26.87
MW-2	03/20/06	43.26	15-29		13.00	30.26
MW-2	05/25/06	43.26	15-29	Destroy	yed on March	
MW-3	02/05/92	43.89	15-29		21.85	22.04
MW-3	09/11/92	43.89	15-29		21.13	22.76
MW-3	12/22/92	43.89	15-29		20.88	23.01
MW-3	03/03/93	43.89	15-29		17.29	26.60
MW-3	06/23/93	43.89	15-29		17.88	26.01
MW-3	09/30/93	43.89	15-29		19.18	24.71
MW-3	02/06/94	43.89	15-29		19.21	24.68
MW-3	05/02/94	43.89	15-29		18.30	25.59
MW-3	07/01/94	43.89	15-29		18.63	25.26
MW-3	09/20/94	43.89	15-29		21.64	22.25
MW-3	12/06/94	43.89	15-29		19.15	24.74
MW-3	03/10/95	43.89	15-29		16.33	27.56
MW-3	03/15/95	43.89	15-29		16.89	27.00
MW-3	09/23/96	43.89	15-29		16.11	27.78
MW-3	12/04/96	43.89	15-29		16.63	27.26
MW-3	04/08/97	43.89	15-29		14.25	29.64
MW-3	06/30/97	43.89	15-29		15.70	28.19
MW-3	11/25/97	43.89	15-29		16.99	26.90
MW-3	06/01/98	43.89	15-29			
MW-3	06/14/01	43.89	15-29		16.02	27.87
MW-3	11/07/01	43.89	15-29		17.33	26.56
MW-3	01/30/02	43.89	15-29		15.10	28.79
MW-3	05/29/02	43.89	15-29		15.63	28.26
MW-3	08/14/02	43.89	15-29		16.63	27.26
MW-3	11/15/02	43.89	15-29		17.10	26.79
MW-3	10/25/04	43.89	15-29		17.01	26.88
MW-3	12/20/04	43.89	15-29		16.64	27.25
MW-3	02/25/05	43.89	15-29			ampled instead
MW-3	05/19/05	43.89	15-29			ampled instead
MW-3	09/15/05	43.89	15-29		Couldn't locat	e

Well ID	Top of Casi Date Elevation ^a Monitored (feet)		g Screen Free Interval Product (fbg)		Depth to Water (feet)	Groundwater Elevation (feet)
MW-3	11/10/05	43.89	15-29		Couldn't locate	 e
MW-3	03/20/06	43.89	15-29		12.44	31.45
MW-3	05/25/06	43.89	15-29		12.05	31.84
MW-3	08/23/06	43.89	15-29		13.75	30.14
MW-3	03/14/07	43.89	15-29		14.11	29.78
MW-3	06/12/07	43.89	15-29		15.43	28.46
MW-3	08/01/07	43.89	15-29		15.97	27.92
MW-3	02/27/08	43.89	15-29		14.40	29.49
MW-3	05/13/08	43.89	15-29		15.52	28.37
MW-3	08/27/08	43.89	15-29		16.79	27.10
MW-4	02/05/92	42.76	15-29		21.31	21.45
MW-4	09/11/92	42.76	15-29		20.62	22.14
MW-4	12/22/92	42.76	15-29		20.37	22.39
MW-4	03/03/93	42.76	15-29		16.78	25.98
MW-4	06/23/93	42.76	15-29		17.45	25.31
MW-4	09/30/93	42.76	15-29		18.64	24.12
MW-4	02/06/94	42.76	15-29		18.59	24.17
MW-4	05/02/94	42.76	15-29		17.81	24.95
MW-4	07/01/94	42.76	15-29		18.13	24.63
MW-4	09/20/94	42.76	15-29		21.13	21.63
MW-4	12/06/94	42.76	15-29		18.36	24.40
MW-4	03/10/95	42.76	15-29		15.25	27.51
MW-4	03/15/95	42.76	15-29		14.89	27.87
MW-4	09/23/96	42.76	15-29		15.56	27.20
MW-4	12/04/96	42.76	15-29		16.11	26.65
MW-4	04/08/97	42.76	15-29		13.73	29.03
MW-4	06/30/97	42.76	15-29		15.19	27.57
MW-4	11/25/97	42.76	15-29		16.49	26.27
MW-4	06/01/98	42.76	15-29		10.42	32.34
MW-4	06/14/01	42.76	15-29		15.55	27.21
MW-4	11/07/01	42.76	15-29		16.81	25.95
MW-4	01/30/02	42.76	15-29		14.60	28.16
MW-4	05/29/02	42.76	15-29		15.14	27.62
MW-4	08/14/02	42.76	15-29		16.07	26.69
MW-4	11/15/02	42.76	15-29		16.61	26.15
MW-4	10/25/04	42.76	15-29		16.50	26.26
MW-4	12/23/04	42.76	15-29		16.20	26.56
MW-4	02/25/05	42.76	15-29		13.30	29.46
MW-4	05/19/05	42.76	15-29		12.74	30.02
MW-4	09/15/05	42.76	15-29		14.80	27.96
MW-4	11/10/06	42.76	15-29		15.45	27.31
MW-4	03/20/06	42.76	15-29		11.93	30.83
MW-4	05/25/06	42.76	15-29		11.49	31.27
MW-4	08/23/06	42.76	15-29		13.23	29.53
MW-4	03/14/07	42.76	15-29		13.65	29.11
MW-4	06/12/07	42.76	15-29		14.92	27.84

Well ID	Date Monitored	Top of Casing Elevation* (feet)	Screen Free Interval Product (fbg)		Depth to Water (feet)	Groundwater Elevation (feet)
MW-4	08/01/07	42.76	15-29		15.48	27.28
MW-4	02/27/08	42.76	15-29		Could not loc	ate well
MW-4	05/13/08	42.76	15-29		15.02	27.74
MW-4	08/27/08	42.76	15-29		16.28	26.48
MW-5	02/05/92	42.10	15-29		20.93	21.17
MW-5	09/11/92	42.10	15-29		20.27	21.83
MW-5	12/22/92	42.10	15-29		19.99	22.11
MW-5	03/03/93	42.10	15-29		16.49	25.61
MW-5	06/23/93	42.10	15-29		17.02	25.08
MW-5	09/30/93	42.10	15-29		18.25	23.85
MW-5	02/06/94	42.10	15-29		18.26	23.84
MW-5	05/02/94	42.10	15-29		17.50	24.60
MW-5	07/01/94	42.10	15-29		17.79	24.31
MW-5	09/20/94	42.10	15-29		20.77	21.33
MW-5	15/5/92	42.10	15-29		18.02	24.08
MW-5	03/10/95	42.10	15-29		14.93	27.17
MW-5	03/15/95	42.10	15-29		14.70	27.40
MW-5	09/23/96	42.10	15-29		15.19	26.91
MW-5	12/04/96	42.10	15-29		15.78	26.32
MW-5	04/08/97	42.10	15-29		13.39	28.71
MW-5	06/30/97	42.10	15-29		14.83	27.27
MW-5	11/25/97	42.10	15-29		16.14	25.96
MW-5	06/01/98	42.10	15-29		10.10	32.00
MW-5	06/14/01	42.10	15-29		15.19	26.91
MW-5	11/07/01	42.10	15-29		16.47	25.63
MW-5	01/30/02	42.10	15-29		14.27	27.83
MW-5	05/29/02	42.10	15-29		14.73	27.37
MW-5	08/14/02	42.10	15-29		15.73	26.37
MW-5	11/15/02	42.10	15-29		16.27	25.83
MW-5	10/25/04	42.10	15-29		16.15	25.95
MW-5	12/23/04	42.10	15-29		15.88	26.22
MW-5	02/25/05	42.10	15-29		12.97	29.13
MW-5	05/19/05	42.10	15-29		12.48	29.62
MW-5	09/15/05	42.10	15-29		15.47	26.63
MW-5	11/10/08	42.10	15-29		15.03	27.07
MW-5	03/20/06	42.10	15-29		11.79	30.31
MW-5	05/25/06	42.10	15-29		11.15	30.95
MW-5	08/23/06	42.10	15-29		12.88	29.22
MW-5	03/14/07	42.10	15-29		13.28	28.82
MW-5	06/11/07	42.10	15-29		14.56	27.54
MW-5	08/01/07	42.10	15-29		15.11	26.99
MW-5	02/27/08	42.10	15-29		13.49	28.61
MW-5	05/13/08	42.10	15-29		14.64	27.46
MW-5	08/27/08	42.10	15-29		15.93	26.17
MW-6	02/05/92	42.33	15-29		21.29	21.04

		Top of Casing	Screen	Free	Depth to	Groundwater
Well	Date	Elevation*	Interval	Product	Water	Elevation
ID	Monitored	(feet)	(fbg)		(feet)	(feet)
NAVA C	00/44/00	40.00	45.00		20.50	24.77
MW-6 MW-6	09/11/92 12/22/92	42.33 42.33	15-29 15-29		20.56 20.31	21.77 22.02
MW-6	03/03/93	42.33 42.33	15-29		16.83	25.50
MW-6	06/23/93	42.33 42.33	15-29		17.30	25.03
MW-6	09/30/93	42.33	15-29	<u></u>	19.05	23.28
MW-6	02/06/94	42.33	15-29		18.55	23.78
MW-6	05/02/94	42.33	15-29		17.74	24.59
MW-6	07/01/94	42.33	15-29		18.09	24.24
MW-6	09/20/94	42.33	15-29		21.05	21.28
MW-6	12/06/94	42.33	15-29		18.33	24.00
MW-6	03/10/95	42.33	15-29		15.35	26.98
MW-6	03/15/95	42.33	15-29		14.91	27.42
MW-6	09/23/96	42.33	15-29		15.50	26.83
MW-6	12/04/96	42.33	15-29		16.06	26.27
MW-6	04/08/97	42.33	15-29		13.64	28.69
MW-6	06/30/97	42.33	15-29		15.08	27.25
MW-6	11/25/97	42.33	15-29		16.40	25.93
MW-6	06/01/98	42.33	15-29		10.31	32.02
MW-6	06/14/01	42.33	15-29		15.46	26.87
MW-6	11/07/01	42.33	15-29		16.71	25.62
MW-6	01/30/02	42.33	15-29		14.60	27.73
MW-6	05/29/02	42.33	15-29		14.99	27.34
MW-6	08/14/02	42.33	15-29		16.03	26.30
MW-6	11/15/02	42.33	15-29		16.53	25.80
MW-6	10/25/04	42.33	15-29		16.43	25.90
MW-6	12/23/04	42.33	15-29		16.12	26.21
MW-6	02/25/05	42.33	15-29		13.13	29.20
MW-6	05/19/05	42.33	15-29		12.61	29.72
MW-6	09/15/05	42.33	15-29		14.69	27.64
MW-6	11/10/05	42.33	15-29		15.30	27.03
MW-6	03/20/06	42.33	15-29		11.88	30.45
MW-6	05/25/06	42.33	15-29		11.38	30.45
MW-6	08/23/06	42.33	15-29		13.10	29.23
MW-6	03/14/07	42.33	15-29		13.52	28.81
MW-6	06/12/07	42.33	15-29		14.80	27.53
MW-6	08/01/07	42.33	15-29		15.38	26.95
MW-6	02/27/08	42.33	15-29		13.79	28.54
MW-6	05/13/08	42.33	15-29		14.93	27.40
MW-6	08/27/08	42.33	15-29		Well Not Acc	
	30,21,00	.2.00	.0 20			, 000an 10
MW-7	06/23/93	42.70	10-29		17.87	24.83
MW-7	09/30/93	42.70	10-29		18.94	23.76
MW-7	02/06/94	42.70	10-29	0.06	19.11	23.63
MW-7	05/02/94	42.70	10-29		18.11	24.59
MW-7	07/01/94	42.70	10-29		18.72	23.98
MW-7	09/20/94	42.70	10-29		21.41	21.29
MW-7	12/05/94	42.70	10-29		18.66	24.04

Well ID	Date Monitored	Top of Casing Elevation* (feet)	Screen Interval (fbg)	Free Product	Depth to Water (feet)	Groundwater Elevation (feet)
MW-7	03/10/95	42.70	10-29		15.72	26.98
MW-7	03/14/95	42.70	10-29		15.23	27.47
MW-7	09/23/96	42.70	10-29		15.94	26.76
MW-7	12/04/96	42.70	10-29		16.43	26.27
MW-7	04/08/97	42.70	10-29		14.10	28.60
MW-7	06/30/97	42.70	10-29		15.51	27.19
MW-7	11/25/97	42.70	10-29		16.80	25.90
MW-7	06/01/98	42.70	10-29		10.31	32.39
MW-7	06/14/01	42.70	10-29		15.46	27.24
MW-7	11/07/01	42.70	10-29			
MW-7	01/30/02	42.70	10-29		14.97	27.73
MW-7	05/29/02	42.70	10-29		15.49	27.21
MW-7	08/14/02	42.70	10-29		16.44	26.26
MW-7	11/15/02	42.70	10-29		16.91	25.79
MW-7	10/25/04	42.70	10-29	C	Could not locate	!
MW-7	05/19/05	42.70	10-29		13.06	29.64
MW-7	09/15/05	42.70	10-29	C	Could not locate	
MW-7	11/10/05	42.70	10-29		15.78	26.92
MW-7	03/20/06	42.70	10-29		Could not locate	
MW-7	05/25/06	42.70	10-29	Well w	as blocked by o	
MW-7	08/23/06	42.70	10-29		13.60	29.10
MW-7	03/14/07	42.70	10-29		14.00	28.70
MW-7	06/12/07	42.70	10-29	Well not s	afe to access d	•
MW-7	08/01/07	42.70	10-29		15.82	26.88
MW-7	02/27/08	42.70	10-29		14.24	28.46
MW-7	05/13/08	42.70	10-29		14.37	28.33
MW-7	08/27/08	42.70	10-29		16.62	26.08
MW-8	06/23/93	97.61	10-29		17.64	79.97
MW-8	09/30/93	97.61	10-29		18.85	78.76
MW-8	02/06/94	97.61	10-29		18.91	78.70
MW-8	05/02/94	97.61	10-29		18.11	79.50
MW-8	07/01/94	97.61	10-29		18.43	79.18
MW-8	09/20/94	97.61	10-29		21.43	76.18
MW-8	12/05/94	97.61	10-29		18.72	78.89
MW-8	03/10/95	97.61	10-29		18.69	78.92
MW-8	03/15/95	97.61	10-29		14.83	82.78
MW-8	09/23/96	97.61	10-29		15.83	81.78
	Not sampled	l, well inaccessib	le since 4th	quarter, 1996		
MW-9	06/23/93	95.41	10-29		15.94	79.47
MW-9	09/30/93	95.41	10-29		17.05	78.36
MW-9	02/06/94	95.41	10-29		17.07	78.34
MW-9	05/02/94	95.41	10-29		16.24	79.17
MW-9	07/01/94	95.41	10-29		15.59	79.82
MW-9	09/20/94	95.41	10-29		16.61	78.80
MW-9	12/05/94	95.41	10-29		16.58	78.83

		Top of Casing	Screen	Free	Depth to	Groundwater
Well	Date	Elevation*	Interval	Product	Water	Elevation
ID	Monitored	(feet)	(fbg)		(feet)	(feet)
		. ,				
MW-9	03/10/95	95.41	10-29			
MW-9	03/15/95	95.41	10-29		14.18	81.23
	Not sampled	l, well inaccessib	ie since 1st	quarter, 1995		
MW-10	06/23/93	97.11	10-29		17.39	79.72
MW-10	09/30/93	97.11	10-29		18.58	78.53
MW-10	02/06/94	97.11	10-29		18.61	78.50
MW-10	05/02/94	97.11	10-29		17.83	79.28
MW-10	07/01/94	97.11	10-29		18.17	78.94
MW-10	09/20/94	97.11	10-29		21.15	75.96
MW-10	12/05/94	97.11	10-29		18.43	78.68
MW-10	03/10/95	97.11	10-29		15.37	81.74
MW-10	03/15/95	97.11	10-29		15.97	81.14
MW-10	09/23/96	97.11	10-29		15.59	81.52
MW-10	12/04/96	97.11	10-29		16.15	80.96
		l, well inaccessib		quarter, 1996		
	•			•		
MW-11	02/10/95	92.68	5-29		11.80	80.88
MW-11	03/10/95	92.68	5-29		11.58	81.10
MW-11	03/15/95	92.68	5-29		13.96	78.72
MW-11	09/23/96	92.68	5-29		12.29	80.39
MW-11	12/04/96	92.68	5-29			
MW-11	04/08/97	92.68	5-29		10.51	82.17
	Not sampled	l, well inaccessib	le since 2nd	l quarter, 1997		
MW-12	02/10/95	43.25	10-30		16.30	26.95
MW-12	03/10/95	43.25	10-30		16.37	26.88
MW-12	03/14/95	43.25	10-30		15.69	27.56
MW-12	09/23/96	43.25	10-30		16.67	26.58
MW-12	12/04/96	43.25	10-30		17.16	26.09
MW-12	04/08/97	43.25	10-30		14.88	28.37
MW-12	06/30/97	43.25	10-30		16.33	26.92
MW-12	11/25/97	43.25	10-30		17.61	25.64
MW-12	06/01/98	43.25	10-30		11.58	31.67
MW-12	06/14/01	43.25	10-30		16.62	26.63
MW-12	11/07/01	43.25	10-30		17.91	25.34
MW-12	01/30/02	43.25	10-30		15.60	27.65
MW-12	05/29/02	43.25	10-30		16.24	27.01
MW-12	08/14/02	43.25	10-30		17.20	26.05
MW-12	11/15/02	43.25	10-30		17.62	25.63
MW-12	10/25/04	43.25	10-30	Well not sam	npled, cars pa	
MW-12	02/25/05	43.25	10-30		14.72	28.53
MW-12	05/19/05	43.25	10-30		13.80	29.45
MW-12	09/15/05	43.25	10-30		15.94	27.31
MW-12	11/10/05	43.25	10-30		16.51	26.74
MW-12	03/20/06	43.25	10-30		13.04	30.21
MW-12	05/25/06	43.25	10-30		12.65	30.60
1V1VV 12	00,20,00	10.20	10 00		12.00	55.00

Well ID	Date Monitored	Top of Casing Elevation* (feet)	Screen Interval (fbg)	Free Product	Depth to Water (feet)	Groundwater Elevation (feet)
MW-12	08/23/06	43.25	10-30		14.44	28.81
MW-12	03/14/07	43.25	10-30		14.70	28.55
MW-12	06/11/07	43.25	10-30		16.02	27.23
MW-12	08/01/07	43.25	10-30		16.57	26.68
MW-12	02/27/08	43.25	10-30		14.99	28.26
MW-12	05/13/08	43.25	10-30		16.12	27.13
MW-12	08/27/08	43.25	10-30		17.37	25.88
MW-13	02/10/95	40.97	10-30		14.45	26.52
MW-13	03/10/95	40.97	10-30		14.30	26.67
MW-13	03/14/95	40.97	10-30		15.81	25.16
MW-13	09/23/96	40.97	10-30		14.60	26.37
MW-13	12/04/96	40.97	10-30			
MW-13	04/08/97	40.97	10-30		12.75	28.22
MW-13	06/30/97	40.97	10-30		14.13	26.84
MW-13	11/25/97	40.97	10-30		15.48	25.49
MW-13	06/01/98	40.97	10-30		9.58	31.39
MW-13	06/14/01	40.97	10-30		14.51	26.46
MW-13	11/07/01	40.97	10-30		15.85	25.12
MW-13	01/30/02	40.97	10-30		13.65	27.32
MW-13	05/29/02	40.97	10-30		14.10	26.87
MW-13	08/14/02	40.97	10-30		15.13	25.84
MW-13	11/15/02	40.97	10-30			
MW-13	10/25/04	40.97	Well not s	ampled. Unable	to locate well:	since 10/25/04
MW-14	02/10/95	43.19	10-30		16.28	26.91
MW-14	03/10/95	43.19	10-30		16.33	26.86
MW-14	03/14/95	43.19	10-30		14.87	28.32
MW-14	09/23/96	43.19	10-30		16.67	26.52
MW-14	12/04/96	43.19	10-30		17.06	26.13
MW-14	04/08/97	43.19	10-30		14.77	28.42
MW-14	06/30/97	43.19	10-30		16.22	26.97
MW-14	11/25/97	43.19	10-30		17.52	25.67
MW-14	06/01/98	43.19	10-30		11.46	31.73
MW-14	06/14/01	43.19	10-30		16.53	26.66
MW-14	11/07/01	43.19	10-30		17.84	25.35
MW-14	01/30/02	43.19	10-30		15.55	27.64
MW-14	05/29/02	43.19	10-30		16.14	27.05
MW-14	08/14/02	43.19	10-30		17.12	26.07
MW-14	11/15/02	43.19	10-30	 	17.56	25.63
MW-14	10/25/04	43.19		npled. Unable to		•
MW-14	02/25/05	43.19	10-30		14.20	28.99
MW-14	05/19/05	43.19	10-30	 \\/-!!+	13.71	29.48
MW-14	09/15/05	43.19	10-30			of traffic control
MW-14	11/10/05	43.19	10-30	•		k of traffic control
MW-14	03/20/06	43.19	10-30		12.94	30.25
MW-14	05/25/06	43.19	10-30		12.68	30.51

Well ID	Date Monitored	Top of Casing Elevation* (feet)	Screen Interval (fbg)	Free Product	Depth to Water (feet)	Groundwater Elevation (feet)
MW-14	08/23/06	43.19	10-30		15.32	27.87
MW-14	03/14/07	43.19	10-30		14.58	28.61
MW-14	06/11/07	43.19	10-30		15.95	27.24
MW-14	08/01/07	43.19	10-30		16.47	26.72
MW-14	02/27/08	43.19	10-30		14.91	28.28
MW-14	05/13/08	43.19	10-30		16.03	27.16
MW-14	08/27/08	43.19	10-30		17.28	25.91
EX-1	08/14/02		10-35		16.58	
EX-1	11/15/02		10-35		17.02	
EX-1	10/25/04		10-35		16.91	
EX-1	12/23/04		10-35		16.60	
EX-1	02/25/05		10-35		13.72	
EX-1	05/19/05		10-35		13.13	
EX-1	09/15/05		10-35		15.10	
EX-1	11/10/05		10-35		15.80	
EX-1	03/20/06		10-35		12.35	
EX-1	05/25/06		10-35		11.88	
EX-1	08/23/06		10-35		13.62	
EX-1	03/14/07		10-35		14.00	
EX-1	06/11/07		10-35		15.34	
EX-1	08/01/07		10-35		15.89	
EX-1	02/27/08		10-35		Could not loc	ate well
EX-1	05/13/08		10-35		Could not loc	
EX-1	08/27/08		10-35		16.70	
VEAS-2	02/25/05		5-15/28-30		13.68	
VEAS-2 VEAS-2	05/19/05		5-15/28-30		13.11	
VEAS-2 VEAS-2	11/10/05		5-15/28-30		DRY	
V LAG-2	11/10/03		J-13/20-30		ואוט	

Elevations are in feet above mean sea level.

Groundwater elevation calculated as follows:

surface elevation - depth to water

Notes: Free Product = liquid-phase hydrocarbons

fbg = feet below grade

-- = not encountered or no data available

Note: No known groundwater sampling was conducted between June 1, 1998 and June 14, 2001 or June 14, 2001 and November 7, 2001. Wellhead elevations resurveyed on January 30, 2002.

TABLE 2
RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
October 1992 through August 2008
EZ Serve 100877, 525 West A Street, Hayward, CA

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
-											
MW-1	02/05/92	46,000	7,600	2,300	2,400	6,500					
MW-1	09/11/92	48,000	9,000	1,200	1,800	4,600					
MW-1	12/22/92	84,000	22,000	1,600	4,800	17,000					
MW-1	03/03/93	54,000	16,000	1,600	1,900	4,300					
MW-1	06/23/93	30,000	18,000	1,100	1,400	3,700					
MW-1	09/30/93	33,000	10,000	440	940	1,700					
MW-1	02/06/94	64,000	18,000	1,600	4,700	12,000					
MW-1	05/02/94	7,200	2,100	29	490	520					
MW-1	07/01/94	13,000	3,700	150	550	12,000					
MW-1	09/20/94	10,000	3,100	75	440	870					
MW-1	12/05/92	8,700	3,700	87	520	950					
MW-1	03/10/95										
MW-1	03/15/95	290	56	2	12	47					
MW-1	09/23/96	20,000	5,200	860	700	1,100			270		
MW-1	12/04/96	17,000	3,100	64	610	1,200			280		
MW-1	04/08/97	2,100	430	15	52	85			100		
MW-1	06/30/97	10,000	2,100	<	<	320			<		
MW-1	11/25/97	16,000	2,100	23	76	240			<		
MW-1	06/01/98	19,000	6,100	460	1,100	2,300			420		
MW-1	06/14/01	6,000	380	8.4	260	180			<25		
MW-1	11/07/01	12,000	1,000	30	1,000	740	<5.0	<5.0	11	<5.0	<50
MW-1	01/30/02	8,800	690	16	480	270	<5.0	<5.0	14	<5.0	<50
MW-1	05/29/02	6,400	330	13	250	260	2.5	<2.0	12	<2.0	<20
MW-1	08/14/02	5,500	470	14	360	160	<10	<10	10	<10	<100
MW-1	11/15/02	10,000	440	16	310	150	<10	<10	15	<10	<100
MW-1	10/25/04	4,300	260	3.3	150	32	< 0.90	< 0.90	14	< 0.90	5.8
MW-1	12/23/04	11,000	860	6.1	880	280	< 0.90	< 0.90	16	< 0.90	11
MW-1	02/25/05	11,000	710	6.7	720	330	<1.5	<1.5	24	<1.5	11
MW-1	05/19/05	7,500	610	12	370	140	<1.5	<1.5	20	<1.5	11
MW-1	09/15/05	6,100	300	3.5	280	71	< 0.90	< 0.90	12	< 0.90	7.8
MW-1	03/20/06	6,400	290	3.2	330	61	< 0.90	< 0.90	8.8	< 0.90	6
MW-1	05/25/06	4,200	300	6.4	100	40	< 0.90	< 0.90	11	< 0.90	6.7
MW-1	08/23/06	3,400	140	1.9	92	9.2	< 0.50	< 0.50	4.2	< 0.50	<5.0
MW-1	03/14/07	5,600	75	0.83	160	20	< 0.50	< 0.50	2.5	< 0.50	<5.0
MW-1	06/11/07	5,400	90	<1.0	220	12	<1.0	<1.0	2.4	<1.0	<5.0
MW-1	08/01/07	5,300	130	< 0.74	450	36	< 0.60	< 0.63	<0.77	< 0.83	<35

TABLE 2
RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
October 1992 through August 2008
EZ Serve 100877, 525 West A Street, Hayward, CA

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
N 43 A / A	00/07/00	4.000	4.4	.0.04	40	0.4	.0.40	.0.00	0.40	.0.40	.40
MW-1	02/27/08	1,090	11 77	< 0.24	40 457	9.1	<0.18	< 0.23	<0.19	<0.19 <2.5	<10
MW-1 MW-1	05/13/08 08/27/08	4,530	45	<0.25 1.1	457 261	56 16	<2.5 <0.5	<2.5 <0.5	6.9 12	<2.5 <0.5	<25.0 9.1
IVI VV - I	00/2//00	3,350	45	1.1	201	10	<0.5	<0.5	12	<0.5	9.1
MW-1A	06/23/93										
MW-1A	09/30/93										
MW-1A	02/06/94	8,900	1,700	42	1,000	400					
MW-1A	05/02/94										
MW-1A	07/01/94	12,000	1,100	<1	920	1,100					
MW-1A	09/20/94										
MW-1A	12/05/94										
MW-1A	03/10/95										
MW-1A	03/15/95										
MW-1A	09/23/96										
MW-1A	12/04/96	52,000	420	140	1,000	3,500			130		
MW-1A	04/08/97										
MW-1A	06/30/97	17,000	180	<	140	1,100			<		
MW-1A	11/25/97	19,000	110	37	290	910			<		
MW-1A	06/01/98	18,000	200	17	230	820			91		
MW-1A	06/14/01	27,000	29	<5.0	620	520			<50		
MW-1A	11/07/01	21,000	51	<5.0	700	510	<5.0	<5.0	<5.0	<5.0	<50
MW-1A	01/30/02	24,000	22	<5.0	390	330	<5.0	<5.0	<5.0	<5.0	<50
MW-1A	05/29/02	12,000	32	<5.0	550	270	<5.0	<5.0	<5.0	<5.0	<50
MW-1A	08/14/02	14,000	22	<2.0	510	240	<2.0	<2.0	<2.0	<2.0	<20
MW-1A	11/15/02	17,000	59	2.4	630	250	<2.0	<2.0	<2.0	<2.0	<20
MW-1A	10/25/04	2,200	1.3	< 0.50	58	3.7	< 0.50	< 0.50	<0.50	< 0.50	<5.0
MW-1A	12/23/04	3,100	2.2	< 0.50	96	5.4	< 0.50	< 0.50	<0.50	< 0.50	<5.0
MW-1A	02/25/05	7,300	4.7	1.1	140	24	< 0.50	< 0.50	<0.50	< 0.50	<5.0
MW-1A	05/19/05	13,000	3.1	1.7	190	50	<1.5	<1.5	<1.5	<1.5	<7.0
MW-1A	09/15/05	4,000	0.84	< 0.50	52	2.5	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
MW-1A	11/10/05	12,000	<2.0	0.76	130	3.6	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
MW-1A	03/20/06	3,300	1.1	< 0.50	17	1	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
MW-1A	05/25/06	1,600	0.79	< 0.50	22	0.94	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
MW-1A	08/23/06	4,700	1.6	1.1	84	1.8	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
MW-1A	03/14/07	610	< 0.50	< 0.50	12	< 0.50	< 0.50	< 0.50	7.5	< 0.50	<5.0
MW-1A	06/12/07	3,200	1.1	0.84	79	0.76	< 0.50	< 0.50	20	< 0.50	<5.0

TABLE 2
RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
October 1992 through August 2008
EZ Serve 100877, 525 West A Street, Hayward, CA

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
B 43 4 4 A	00/04/07	4.40	0.04	0.45	0.0	0.04	0.40	0.40	70	0.47	0.0
MW-1A	08/01/07	440	0.31	<0.15	6.2 50	< 0.34	<0.12	< 0.13	79 21	<0.17	<6.9
MW-1A	02/27/08	1,660	<0.18	<0.24	50	<0.45	<0.20	<0.23	21	<0.19	<10
MW-2	02/05/92	67,000	13,000	4,700	820	1,300					
MW-2	09/11/92	57,000	9,000	1,400	1,200	8,400					
MW-2	12/22/92	31,000	9,900	350	2,000	4,100					
MW-2	03/03/93	17,000	5,100	1,300	720	1,900					
MW-2	06/23/93	60,000	23,000	1,500	4,500	17,000					
MW-2	09/30/93	38,000	12,000	780	1,500	6,500					
MW-2	02/06/94	34,000	8,900	450	2,000	5,500					
MW-2	05/02/94	18,000	3,800	260	1,100	3,500					
MW-2	07/01/94	18,000	3,700	510	870	2,600					
MW-2	09/20/94	19,000	4,500	300	1,200	4,000					
MW-2	12/06/94	22,000	4,700	340	1,400	4,500					
MW-2	03/10/95										
MW-2	03/15/95	29,000	5,600	350	1,900	6,300					
MW-2	09/23/96	29,000	3,700	150	1,000	4,300			860		
MW-2	12/04/96	31,000	3,800	140	2,000	5,100			690		
MW-2	04/08/97	20,000	2,500	80	1,300	3,400			880		
MW-2	06/30/97	41,000	2,700	130	1,200	4,000			890		
MW-2	11/25/97	51,000	2,900	140	1,800	7,000			1,200		
MW-2	06/01/98	33,000	2,700	130	1,800	5,700			610		
MW-2	06/14/01	18,000	860	14	1,100	2,200			<100		
MW-2	11/07/01	20,000	880	20	1,100	2,600	< 5.0	<5.0	21	<5.0	<50
MW-2	01/30/02	19,000	880	19	1,100	2,400	< 5.0	< 5.0	56	<5.0	<50
MW-2	05/29/02	8,100	390	16	560	1,400	< 5.0	< 5.0	32	<5.0	<50
MW-2	08/14/02	19,000	820	21	1,200	2,600	<20	<20	29	<20	<200
MW-2	11/15/02	34,000	910	31	1,000	1,400	<20	<20	39	<20	<200
MW-2	10/25/04	9,300	280	3.8	500	980	<2.0	<2.0	8.2	<2.0	<9.0
MW-2	12/23/04	10,000	310	3.9	470	840	<2.0	<2.0	9.5	<2.0	<9.0
MW-2	02/25/05	15,000	320	4.8	860	1,600	<2.0	<2.0	7.7	<2.0	<9.0
MW-2	05/19/05	15,000	300	3.6	770	1,200	<2.5	<2.5	9.2	<2.5	<15
MW-2	09/15/05										
MW-2	11/10/05	14,000	230	2.6	530	1,000	<2.5	<2.5	6.2	<2.5	<15
MW-2	03/20/06	8,700	170	<1.5	360	530	<1.5	<1.5	3.8	<1.5	<7.0
MW-2	05/25/06										

TABLE 2
RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
October 1992 through August 2008
EZ Serve 100877, 525 West A Street, Hayward, CA

Ethyl- Total	
Well Date TPH-G Benzene Toluene benzene Xylenes DIPE ETBE MTI	BE TAME TBA
Number Sampled (ug/l) (ug/l) (ug/l) (ug/l) (ug/l) (ug/l) (ug/l) (ug/l)	
	, <u>(, (, (,)</u>
MW-3 02/05/92 16,000 2,700 410 <1 3,400	
MW-3 09/11/92 43,000 7,600 1,600 1,400 4,100	
MW-3 12/22/92 29,000 8,800 1,200 1,500 3,700	
MW-3 03/03/93 17,000 5,000 1,500 680 1,700	
MW-3 06/23/93 5,700 3,000 120 560 790	
MW-3 09/30/93 21,000 7,000 2,100 970 2,600	
MW-3 02/06/94 24,000 7,200 1,600 990 3,200	
MW-3 05/02/94 10,000 2,200 440 470 1,200	
MW-3 07/01/94 8,200 2,000 370 350 930	
MW-3 09/20/94 7,200 2,000 360 380 1,000	
MW-3 12/06/94 9,000 2,300 400 440 1,100	
MW-3 03/10/95	
MW-3 03/15/95 4,300 980 47 370 780	
MW-3 09/23/96 10,000 950 20 700 780 80	
MW-3 12/04/96 13,000 1,100 25 1,000 1,100 67	·
MW-3 04/08/97 3,800 210 4.6 270 280 56	;
MW-3 06/30/97 3,500 280 < 32 180 <	
MW-3 11/25/97 6,800 230 < 370 290 13	0
MW-3 06/01/98	
MW-3 06/14/01 2,100 9 <0.5 78 43 <5	0
MW-3 11/07/01 7,700 75 <5.0 410 150 <5.0 <5.0 <5.0	0 <5.0 <50
MW-3 01/30/02 3,600 27 <5.0 120 34 <5.0 <5.0 <5.0	0 <5.0 <50
MW-3 05/29/02 2,000 18 <5.0 53 13 <5.0 <5.0 <5.0	0 <5.0 <50
MW-3 08/14/02 2,400 19 <0.5 50 6.5 <0.5 <0.5	5 <0.5 <5.0
MW-3 11/15/02 4,300 7.5 <0.5 22 1.1 0.5 0.5 0.5	5 0.5 <5.0
MW-3 10/25/04 460 0.6 <0.50 9.6 1.7 <0.50 <0.50 <0.50	50 <0.50 <5.0
MW-3 12/20/04 5,400 9 <0.50 280 74 <0.50 <0.50 <0.50	50 <0.50 <5.0
MW-3 02/25/05 Could not locate, VEAS-2 sampled instead	
MW-3 05/19/05 Could not locate, VEAS-2 sampled instead	
MW-3 09/15/05 Could not locate	
MW-3 11/10/05 Could not locate	
MW-3 03/20/06 800 0.76 <0.50 19 3.7 <0.50 <0.50 <0.50	50 <0.50 <5.0
MW-3 05/25/06 500 0.59 <0.50 3.8 0.96 <0.50 <0.50 <0.50	
MW-3 08/23/06 550 <0.50 <0.50 2.2 <0.50 <0.50 <0.50 <0.50	
MW-3 03/14/07 660 0.85 <0.50 22 3.7 <0.50 <0.50 1.3	

TABLE 2
RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
October 1992 through August 2008
EZ Serve 100877, 525 West A Street, Hayward, CA

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
NAVA / O	00/40/07	540	.0.50	.0.50	4.4	0.0	.0.50	.0.50	0.0	.0.50	.E.O
MW-3	06/12/07	540	<0.50 2.3	< 0.50	14	2.2	< 0.50	< 0.50	6.0	< 0.50	<5.0
MW-3	08/01/07	2,300		<0.15	87	13	<0.12	< 0.13	<0.15	<0.17	<6.9
MW-3	02/27/08	1,360	<0.18	<0.24	32	3	<0.20	< 0.23	7.7	<0.19	<10
MW-3	05/13/08	1,160	1.2	0.6	28	2.2	< 0.5	< 0.5	31	< 0.5	< 5.0
MW-3	08/27/08	2,790	1.4	<0.5	56	4.0	<0.5	<0.5	40	<0.5	18
MW-4	02/05/92	16,000	2,700	410	<1	3,400					
MW-4	09/11/92	43,000	7,600	1,600	1,400	4,100					
MW-4	12/22/92	29,000	8,800	1,200	1,500	3,700					
MW-4	03/03/93	17,000	5,000	1,500	680	1,700					
MW-4	06/23/93	5,700	3,000	120	560	790					
MW-4	09/30/93	21,000	7,000	2,100	970	2,600					
MW-4	02/06/94	24,000	7,200	1,600	990	3,200					
MW-4	05/02/94	10,000	2,200	440	470	1,200					
MW-4	07/01/94	8,200	2,000	370	350	930					
MW-4	09/20/94	7,200	2,000	360	380	1,000					
MW-4	12/06/94	9,000	2,300	400	440	1,100					
MW-4	03/10/95										
MW-4	03/15/95	15,000	4,400	600	770	2,660					
MW-4	09/23/96	32,000	7,400	540	1,500	2,800			2,100		
MW-4	12/04/96	23,000	7,800	140	1,200	1,200			1,900		
MW-4	04/08/97	16,000	3,900	680	850	2,300			980		
MW-4	06/30/97	63,000	7,000	430	1,400	4,400			1,700		
MW-4	11/25/97	30,000	4,300	61	810	1,500			880		
MW-4	06/01/98	33,000	5,700	710	1,700	2,900			720		
MW-4	06/14/01	9,500	690	45	560	600	<5.0	<5.0	<50	< 5.0	<50
MW-4	11/07/01	6,000	710	20	630	190	<5.0	<5.0	27	< 5.0	<50
MW-4	01/30/02	4,800	830	16	600	61	<20	<20	42	<20	<200
MW-4	05/29/02	5,300	720	57	600	200	<2.0	<2.0	35	<2.0	<20
MW-4	08/14/02	5,000	640	15	550	35	<2.0	<2.0	28	<2.0	<20
MW-4	11/15/02	3,700	330	10	260	200	< 0.50	< 0.50	20	< 0.50	< 5.0
MW-4	10/25/04	4,000	180	15	200	190	< 0.90	< 0.90	4.1	< 0.90	< 5.0
MW-4	12/23/04	7,400	280	24	340	340	< 0.90	< 0.90	7.9	< 0.90	< 5.0
MW-4	02/25/05	4,200	160	15	280	420	<4.0	<4.0	6.2	<4.0	<20
MW-4	05/19/05	15,000	480	76	1,100	1,600	< 0.90	< 0.90	14	< 0.90	5.4
MW-4	09/15/05	5,400	220	22	250	430	< 0.50	< 0.50	10	< 0.50	<5.0

TABLE 2
RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
October 1992 through August 2008
EZ Serve 100877, 525 West A Street, Hayward, CA

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
N 4) A / 4	44/40/00	0.000	220	27	500	670	.0.50	.0.50	0.0	.0.50	
MW-4 MW-4	11/10/06 03/20/06	8,000 3,900	320 91	37 26	530 5.8	670 360.0	<0.50 <0.50	<0.50 <0.50	9.3 5.7	<0.50 <0.50	<5.0 <5.0
MW-4	05/25/06	8,300	300	20 77	5.6 570	730	<0.50	< 0.50	5.7 5.4	< 0.50	<5.0 <5.0
MW-4	08/23/06	9,400	240	77 79	490	860	<0.50	<0.50	6.1	<0.50	<5.0
MW-4	03/14/07	4,600	100	20	350	570	<0.50	<0.50	2.3	<0.50	<5.0
MW-4	06/12/07	3,700	120	14	150	230	<0.50	<0.50	2.5	<0.50	<5.0
MW-4	08/01/07	3,700	120	15	280	310	<0.60	< 0.63	<0.77	<0.83	<35
MW-4	02/27/08	Could not le									
MW-4	05/13/08	2,800	102	18	329	343	<2.5	<2.5	8.0	<2.5	<25.0
MW-4	08/27/08	4,730	72	12	318	233	<0.5	<0.5	33	<0.5	18
	33.21,33	.,					10.0	10.0		10.0	
MW-5	02/05/92	78,000	7,900	5,000	2,900	1,800					
MW-5	09/11/92	49,000	4,700	400	1,400	4,100					
MW-5	12/22/92	34,000	8,600	340	2,200	4,800					
MW-5	03/03/93	22,000	7,500	640	1,300	3,400					
MW-5	06/23/93	15,000	5,800	120	1,100	2,100					
MW-5	09/30/93	25,000	7,600	410	1,000	4,400					
MW-5	02/06/94	23,000	6,000	180	2,000	5,900					
MW-5	05/02/94	8,000	1,300	29	440	770					
MW-5	07/01/94	10,000	1,700	97	600	1,400					
MW-5	09/20/94	8,400	1,600	54	650	1,400					
MW-5	15/5/92	10,000	1,800	<50	620	1,400					
MW-5	03/10/95										
MW-5	03/15/95	5,300	1,100	11	180	320					
MW-5	09/23/96	9,800	1,800	11	470	510			100		
MW-5	12/04/96	10,000	2,200	9	550	430			70		
MW-5	04/08/97	11,000	1,300	15	450	720			180		
MW-5	06/30/97	3,800	500	<	75	84			<		
MW-5	11/25/97	8,200	1,300	14	310	220			<		
MW-5	06/01/98	3,600	290	12	52	52			81		
MW-5	06/14/01	5,100	44	0.71	110	23			< 5.0		
MW-5	11/07/01	7,600	220	<5.0	550	30	<5.0	<5.0	< 5.0	<5.0	<50
MW-5	01/30/02	6,200	180	<20	310	130	<20	<20	<20	<20	<200
MW-5	05/29/02	3,900	66	0.8	110	7.4	2	<0.5	0.9	<0.5	< 5.0
MW-5	08/14/02	4,300	80	0.9	150	12	<0.5	<0.5	1.1	<0.5	<5.0
MW-5	11/15/02	7,000	99	<5.0	250	500	<5.0	<5.0	<5.0	<5.0	<5.0

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
	<u>-</u>		- - -								
MW-5	10/25/04	4,800	27	0.5	50	3.7	< 0.50	< 0.50	0.79	< 0.50	<5.0
MW-5	12/23/04	6,300	55	< 0.90	140	5.6	< 0.90	< 0.90	< 0.90	< 0.90	<5.0
MW-5	02/25/05	4,700	44	0.59	110	4.8	< 0.50	< 0.50	0.85	< 0.50	<5.0
MW-5	05/19/05	3,800	32	0.61	66	4.4	< 0.50	< 0.50	1	<0.50	<5.0
MW-5	09/15/05	4,500	22	0.65	78	4	< 0.50	< 0.50	9.5	< 0.50	<5.0
MW-5	11/10/08	4,000	19	0.52	77	4.3	< 0.50	< 0.50	8.0	< 0.50	<5.0
MW-5	03/20/06	4,000	9.5	< 0.50	4.9	4	< 0.50	< 0.50	1.5	< 0.50	<5.0
MW-5	05/25/06	3,400	12	< 0.50	46	3.8	< 0.50	< 0.50	1.6	< 0.50	<5.0
MW-5	08/23/06	4,000	5.6	0.75	42	3.6	< 0.50	< 0.50	1.3	< 0.50	<5.0
MW-5	03/14/07	3,500	3.1	1	31	1.6	< 0.50	< 0.50	1.8	< 0.50	<5.0
MW-5	06/11/07	2,500	3.0	0.83	14	1.4	< 0.50	< 0.50	1.9	< 0.50	<5.0
MW-5	08/01/07	2,700	3.6	1.1	21	1.1	<0.12	<0.12	<0.15	<0.12	<6.9
MW-5	02/27/08	628	1.5	<0.24	8.9	4.2	< 0.20	< 0.23	1.6	<0.19	<10
MW-5	05/13/08	752	1.3	1.1	1.9	1.8	<0.5	<0.5	7.9	<0.5	<5.0
MW-5	08/27/08	3,100	2.9	2.9	12	6.8	<0.5	<0.5	64	<0.5	30
MW-6	02/05/92	51,000	5,400	3,500	3,600	10,000					
MW-6	02/05/92	24,000	5,400 2,500	3,500 830	1,400	2,300					
MW-6	12/22/92	23,000	2,500 5,100	630	2,000	2,300 3,100					
MW-6	03/03/93	18,000	4,400	820	2,000 1,400	2,400					
MW-6	06/23/93	18,000	4,400	850	2,700	3,400					
MW-6	09/30/93		4,600	630	2,700	3,400					
MW-6	09/30/93	20,000	4,600	690	2,100	2,500					
MW-6	05/02/94	5,300	930	54	610	2,500					
MW-6	05/02/94	10,000	1,500	160	850	690					
MW-6	07/01/94	11,000	2,000	140	1,200	760					
MW-6	12/06/94	8,600	1,300	87	980	610					
MW-6	03/10/95	o,600 	1,300	0 <i>1</i> 	900				 		
MW-6	03/10/95	9,800	1,600	110	1,000	1,000					
MW-6	03/13/93	12,000	520	55	930	350			 51		
									130		
MW-6 MW-6	12/04/96 04/08/97	11,000 17,000	390 700	25 92	680 1,400	170 900			2,700		
			700 270						•		
MW-6	06/30/97	11,000		37	590 500	450 450			< 210		
MW-6	11/25/97	9,100	130	26 50	500	150			310		
MW-6	06/01/98	14,000	190	50	680	400 55			160		
MW-6	06/14/01	6,400	29	6.3	200	55			<20		

TABLE 2
RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
October 1992 through August 2008
EZ Serve 100877, 525 West A Street, Hayward, CA

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
MW-6	11/07/01	7,200	34	8.7	180	31	<5.0	<5.0	< 5.0	<5.0	<50
MW-6	01/30/02	6,600	32	7.2	130	28	<5.0	<5.0	<5.0	<5.0	<50
MW-6	05/29/02	5,200	26	7	150	27	<0.5	<0.5	<5.0	<0.5	<50
MW-6	08/14/02	5,300	24	6.6	120	22	<2.0	<2.0	<2.0	<2.0	<20
MW-6	11/15/02	5,000	19	4.7	70	38	< 0.5	<0.5	<0.5	<0.5	<5.0
MW-6	10/25/04	3,600	9.8	2.1	83	16	< 0.50	< 0.50	2.3	< 0.50	<5.0
MW-6	12/23/04	2,100	8.2	1.3	10	2.4	< 0.90	< 0.90	1.5	< 0.90	<5.0
MW-6	02/25/05	2,500	6.6	1.4	29	5.2	< 0.50	< 0.50	0.74	< 0.50	<5.0
MW-6	05/19/05	3,800	7.5	2.2	54	12	< 0.50	< 0.50	3.1	< 0.50	<5.0
MW-6	09/15/05	1,900	2.9	0.88	12	2.7	< 0.50	< 0.50	0.94	<0.50	<5.0
MW-6	11/10/05	1,700	2.1	0.6	5.4	1.7	< 0.50	< 0.50	0.81	< 0.50	<5.0
MW-6	03/20/06	2,300	3.6	1.0	12	3.9	< 0.50	< 0.50	1.1	< 0.50	<5.0
MW-6	05/25/06	2,400	5	1.8	31	14	< 0.50	< 0.50	3	< 0.50	<5.0
MW-6	08/23/06	2,300	2.3	0.84	7.8	4.2	< 0.50	< 0.50	1.7	< 0.50	<5.0
MW-6	03/14/07	3,300	2.8	0.7	49	6.5	< 0.50	< 0.50	10	< 0.50	<5.0
MW-6	06/12/07	2,000	1.4	0.54	3.2	2.1	< 0.50	< 0.50	32	< 0.50	<5.0
MW-6	08/01/07	1,500	0.99	0.4	2.1	1.2	< 0.12	<0.13	50	< 0.17	<6.9
MW-6	02/27/08	1,520	<0.18	< 0.24	2.4	1.3	< 0.20	< 0.23	140	< 0.19	<10
MW-6	05/13/08	1,530	1.0	0.8	4.0	1.5	< 0.5	< 0.5	127	< 0.5	<5.0
MW-6	08/27/08	Not Access	sable								
MW-7	06/23/93	29,000	4,200	71	4,400	5,600					
MW-7	09/30/93	30,000	3,200	71	2,800	3,400					
MW-7	02/06/94										
MW-7	05/02/94	5,700	630	13	660	400					
MW-7	07/01/94	3,100	180	99	160	520					
MW-7	09/20/94	6,100	540	6	750	730					
MW-7	12/05/94	3,700	280	<10	430	350					
MW-7	03/10/95	3,900	310	<10	540	540					
MW-7	03/14/95	1,900	290	4	26	296					
MW-7	09/23/96	6,300	76	<	420	270			15		
MW-7	12/04/96	7,800	67	<	600	350			22		
MW-7	04/08/97	5,600	42	<	240	96			<		
MW-7	06/30/97	5,500	<	79	<	44			280		
MW-7	11/25/97	2,400	23	5.4	<	54			120		
MW-7	06/01/98	14,000	190	50	680	400			160		

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
	00/44/04	0.400		•	000						
MW-7	06/14/01	6,400	29	6	200	55			<20		
MW-7	11/07/01	 6,200	 1.5	 -0.50	 96	 4.6	 -0 <i>E</i>	 -0 <i>E</i>	 -0 <i>E</i>	 -0 <i>E</i>	 -EO
MW-7	01/30/02			< 0.50		4.6	<0.5	<0.5	< 0.5	<0.5	<50
MW-7 MW-7	05/29/02 08/14/02	1,600 4,100	1 1.3	<0.50 <0.50	3.4	1.9 1.3	< 0.5	< 0.5	<0.5 <0.5	< 0.5	< 5.0
MW-7	11/15/02	4,100 1,000	0.6		74 -0.5	0.6	<0.5 <0.5	<0.5 <0.5		< 0.5	<5.0 <5.0
MW-7	10/25/04	Could not le		<0.50 	<0.5	U.6 	<0.5 		<0.5	<0.5	
MW-7	05/19/05	660	<0.50	<0.50	 1.8	<0.50	<0.50	 <0.50	 -0.50	 <0.50	 <5.0
MW-7	09/15/05			<0.50	1.8	<0.50	<0.50	<0.50 	<0.50 	<0.50	<5.U
MW-7	11/10/05	Could not le 340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50			<5.0
				<0.50					<0.50	<0.50	<5.U
MW-7 MW-7	03/20/06 05/25/06	Could not le									
			locked by deb								
MW-7 MW-7	08/23/06 03/14/07	380 170	<0.50 <0.50	<0.50 <0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 5.0
MW-7					<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
MW-7	06/12/07		fe to access of		 4 7	 0.5					 <6.9
	08/01/07	470	<0.12	< 0.15	1.7	0.5	<0.12	<0.13	<0.15	<0.17	
MW-7	02/27/08	257	<0.18	< 0.24	< 0.21	< 0.45	<0.20	< 0.23	<0.19	< 0.19	<10
MW-7 MW-7	05/13/08	241 514	<0.5 <0.5	< 0.5	< 0.5	< 0.5	<0.5	<0.5	< 0.5	<0.5	<5.0 <5.0
IVI VV-7	08/27/08	514	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-8	06/23/93	350	43	9	35	67					
MW-8	09/30/93	2,700	190	340	170	720					
MW-8	02/06/94	<100	<1	1	1	2					
MW-8	05/02/94	<100	<1	3	<1	7					
MW-8	07/01/94	300	18	48	19	37					
MW-8	09/20/94	<100	<1	<1	<1	<1					
MW-8	12/05/94	<50	< 0.5	< 0.5	< 0.5	< 0.5					
MW-8	03/10/95										
MW-8	03/15/95	<50	< 0.5	< 0.5	< 0.5	1					
MW-8	09/23/96	<	<	<	<	<	<	<	<	<	<
_			ssible since 4	th quarter, 1							
	•			•							
MW-9	06/23/93	45,000	14,000	1,200	2,800	12,000					
MW-9	09/30/93	86,000	22,000	1,100	3,300	15,000					
MW-9	02/06/94	43,000	10,000	460	2,100	7,500					
MW-9	05/02/94	17,000	5,400	270	1,300	4,700					

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
MW-9	07/01/94	10,000	2,100	120	450	1,300					
MW-9	09/20/94	7,500	2,200	97	400	1,200					
MW-9	12/05/94	10,000	2,700	130	530	1,600					
MW-9	03/10/95										
MW-9	03/15/95	18,000	5,900	270	1,200	3,680					
	Not sampled	, well inacce	ssible since 1	st quarter, 1	99						
MW-10	06/23/93	35,000	980	640	3,500	12,000					
MW-10	09/30/93	4,000	230	12	100	680					
MW-10	02/06/94	2,000	69	12	220	120					
MW-10	05/02/94	710	16	6	85	62					
MW-10	07/01/94	2,000	52	43	120	210					
MW-10	09/20/94	2,800	34	16	270	560					
MW-10	12/05/94	2,700	30	13	260	430					
MW-10	03/10/95										
MW-10	03/15/95	1,400	18	6	200	239					
MW-10	09/23/96	3,800	4	2.9	220	170			397		
MW-10	12/04/96	4,600	1.6	7.7	260	150			20		
10100 10	Not sampled					100			20		
	riot dampida	, won macoo		itii quaitoi, i	00						
MW-11	02/10/95	7,000	140	22	600	1,000					
MW-11	03/10/95										
MW-11	03/15/95	6,000	200	17	750	1,276					
MW-11	09/23/96	27,000	55	81	300	3,500			40		
MW-11	12/04/96										
MW-11	04/08/97	24,000	280	130	3,000	3,700			<		
	Not sampled	, well inacce	ssible since 2	2nd quarter,							
MW-12	02/10/95	<50	<0.5	<0.5	<0.5	<0.5					
MW-12	03/10/95	~30 	~0.5 	~0.5 	~0.5 						
MW-12	03/14/95	<50	<0.5	<0.5	<0.5	0.9					
MW-12	09/23/96	< >		1.6		< 0.9					
MW-12	12/04/96		< 3.2		< 1.9	3.4					
MW-12	04/08/97	<		<							
MW-12	04/08/97	< 	< 	< 	< 	< 					
MW-12	11/25/97										
IVIVV-IZ	11/25/97										

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
MW-12	06/01/98										
MW-12	06/14/01	<50	< 0.50	< 0.50	< 0.50	<0.50			<5.0		
MW-12	11/07/01	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-12	01/30/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-12	05/29/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-12	08/14/02	<50	<0.5	<0.5	<0.5	<0.5	< 0.5	<0.5	<0.5	<0.5	<5.0
MW-12	11/15/02	<50	<0.5	<0.5	<0.5	<0.5	< 0.5	<0.5	<0.5	<0.5	<5.0
MW-12	10/25/04		impled, cars p								
MW-12	02/25/05	<50	<0.5	<0.5	<0.5	<0.5	< 0.5	<0.5	<0.5	<0.5	<5.0
MW-12	05/19/05	<50	<0.5	<0.5	<0.5	<0.5	< 0.5	<0.5	<0.5	<0.5	<5.0
MW-12	09/15/05	<50	<0.5	<0.5	<0.5	<0.5	< 0.5	<0.5	<0.5	<0.5	<5.0
MW-12	11/10/05	<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<0.50	< 0.50	<5.0
MW-12	03/20/06	<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<0.50	< 0.50	<5.0
MW-12	05/25/06	<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
MW-12	08/23/06	<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
MW-12	03/14/07	<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
MW-12	06/11/07	<50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
MW-12	08/01/07	45	<0.12	<0.15	<0.17	< 0.34	<0.12	<0.13	<0.15	<0.17	<6.9
MW-12	02/27/08	<6.6	<0.18	<0.24	<0.21	< 0.45	< 0.20	<0.23	<0.19	<0.19	<10
MW-12	05/13/08	<50	< 0.5	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-12	08/27/08	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-13	02/10/95	<50	<0.5	<0.5	<0.5	<0.5					
MW-13	02/10/95		<0.5 		<0.5 			 			
MW-13	03/10/95	<50	<0.5	<0.5	<0.5	1					
MW-13	09/23/96	<	<	0.8	1	<			<		
MW-13	12/04/96										
MW-13	04/08/97	<	<	<	<	<			<		
MW-13	06/30/97										
MW-13	11/25/97										
MW-13	06/01/98										
MW-13	06/14/01	<50	< 0.50	< 0.50	< 0.50	< 0.50			<5.0		
MW-13	11/07/01	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-13	01/30/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-13	05/29/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
MW-13	08/14/02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
IVIVV	30/17/02	\00	\0.0	\0.0	~ 0.0	~ 0.0	\0.0	~ 0.0	~ 0.0	\0.0	\0.0

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
MW-13	11/15/02										
MW-13	10/25/04	vveii not sa	ımpled. Unabl	e to locate w	ell due to pa	rked cars					
MW-14	02/10/95	12,000	42	8	740	2,100					
MW-14	03/10/95										
MW-14	03/14/95	1,400	6	2	36	298					
MW-14	09/23/96	6,400	2.8	<	690	96			9.6		
MW-14	12/04/96	9,500	6.3	<	1,100	400			30		
MW-14	04/08/97	2,900	<	2.7	220	21			<		
MW-14	06/30/97	74	1.3	<	0.51	0.68			<		
MW-14	11/25/97	<	<	<	<	<			<		
MW-14	06/01/98	<50	< 0.5	< 0.5	<0.5	< 0.5			<5		
MW-14	06/14/01	470	< 0.5	< 0.5	2.8	1			<5		
MW-14	11/07/01	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	01/30/02	<50	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	05/29/02	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	08/14/02	<50	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	11/15/02	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	10/25/04	Well not sa	ımpled. Unabl	e to locate w	ell due to pa	rked cars					
MW-14	02/25/05	210	<0.5	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	05/19/05	230	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-14	09/15/05	Well not sa	impled due to	lack of traffic	c contro						
MW-14	11/10/05	Well not sa	mpled due to	lack of traffic	c contro						
MW-14	03/20/06	180	· <0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	05/25/06	<50	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	08/23/06	99	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	03/14/07	<50	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	06/11/07	<50	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	08/01/07	53	< 0.12	< 0.15	< 0.17	< 0.34	<0.12	< 0.13	<0.15	< 0.17	<6.9
MW-14	02/27/08	<6.6	<0.18	< 0.24	< 0.21	< 0.45	< 0.20	< 0.23	< 0.19	< 0.19	<10
MW-14	05/13/08	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<5.0
MW-14	08/27/08	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
EV. 4	00/44/00	050	0.4	0.5	0.5		0.5	0.5	4.4	0.5	5 0
EX-1	08/14/02	250	31	< 0.5	< 0.5	4	<0.5	<0.5	1.4	< 0.5	< 5.0
EX-1	11/15/02	67	4.1	< 0.5	< 0.5	<0.5	<0.5	<0.5	0.7	<0.5	<5.0
EX-1	10/25/04	96	2.1	< 0.50	4.9	1.8	<0.5	<0.5	<0.5	<0.5	<5.0

TABLE 2
RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER SAMPLES
October 1992 through August 2008
EZ Serve 100877, 525 West A Street, Hayward, CA

					Ethyl-	Total					
Well	Date	TPH-G	Benzene	Toluene	benzene	Xylenes	DIPE	ETBE	MTBE	TAME	TBA
Number	Sampled	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)
	-										
EX-1	12/23/04	<50	< 0.50	< 0.50	0.87	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
EX-1	02/25/05	59	1.4	< 0.50	2	0.87	< 0.50	< 0.50	< 0.50	< 0.50	<5.0
EX-1	05/19/05	200	3.4	< 0.50	3.7	1.8	< 0.50	< 0.50	1.3	< 0.50	<5.0
EX-1	09/15/05	290	7.5	< 0.50	2.8	0.66	< 0.50	< 0.50	1.2	< 0.50	<5.0
EX-1	11/10/05	270	5.1	< 0.50	9.2	1.5	< 0.50	< 0.50	0.94	< 0.50	<5.0
EX-1	03/20/06	820	7.5	< 0.50	15	7.2	< 0.50	< 0.50	0.94	< 0.50	<5.0
EX-1	05/25/06	100	< 0.50	< 0.50	1	0.9	< 0.50	< 0.50	0.79	< 0.50	<5.0
EX-1	08/23/06	440	7.3	< 0.50	0.72	0.61	< 0.50	< 0.50	1.2	< 0.50	<5.0
EX-1	03/14/07	360	1.6	< 0.50	8.8	1.8	< 0.50	< 0.50	1.7	< 0.50	<5.0
EX-1	06/11/07	240	1.1	< 0.50	6.0	1.4	< 0.50	< 0.50	4.3	< 0.50	<5.0
EX-1	08/01/07	410	2.5	< 0.15	4.2	0.92	< 0.12	< 0.13	3.6	< 0.17	<6.9
EX-1	Could not loc	ate well									
EX-1	08/27/08	348	0.9	<0.5	8.0	<0.5	<0.5	<0.5	94	<0.5	22
VEAS-2	02/25/05	90	1.1	<0.50	0.7	1.3	<0.50	<0.50	1.4	<0.50	<5.0
VEAS-2	05/19/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
VEAS-2	11/10/05										

Notes:

TPH-G = total petroleum hydrocarbons with gasoline distinction

MTBE = methyl tertiary butyl ether

DIPE = di-isopropyl ether

ETBE = ethyl-tert-butyl ether

TAME = tert-amyl methyl ether

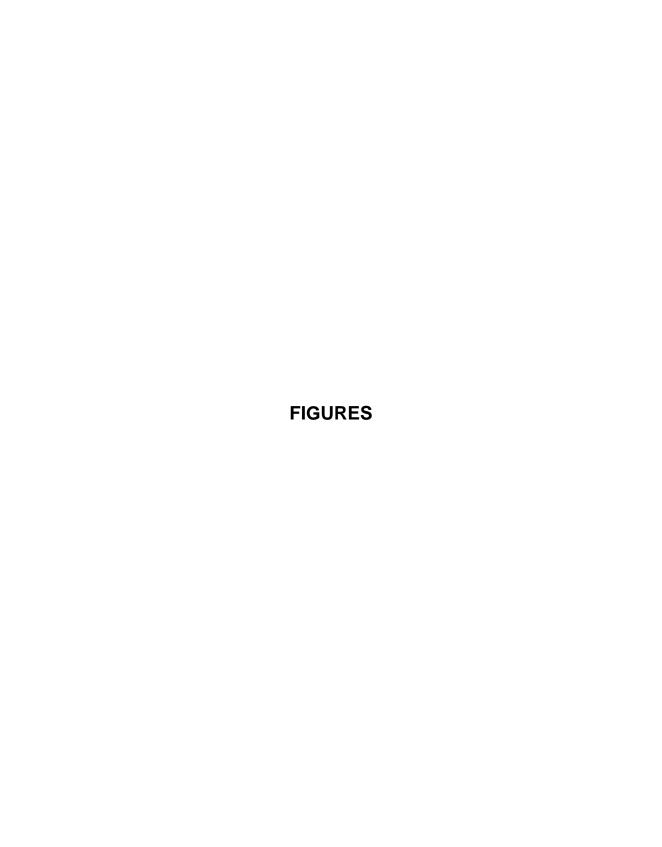
TBA = tert butanol

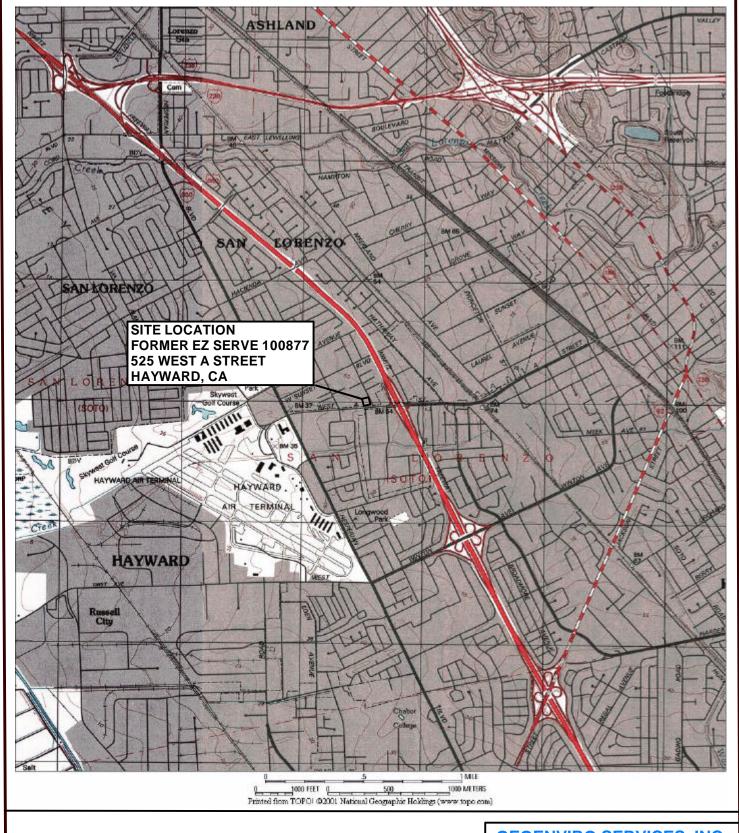
ug/l = micrograms per liter

-- = not analyzed, measured, or collected

< = Sample reported as "not detected", in previous tables, reporting limit not known (Delta Environmental)

Note: No known groundwater sampling was conducted between June 1, 1998 and June 14, 2001, June 14, 2001 and November 7, 2001 Wellhead elevations resurveyed on January 30, 2002.





GEOENVIRO SERVICES, INC.

SITE LOCATION MAP

FORMER EZ SERVE STATION NO. 100877 525 WEST A STREET HAYWARD, CA

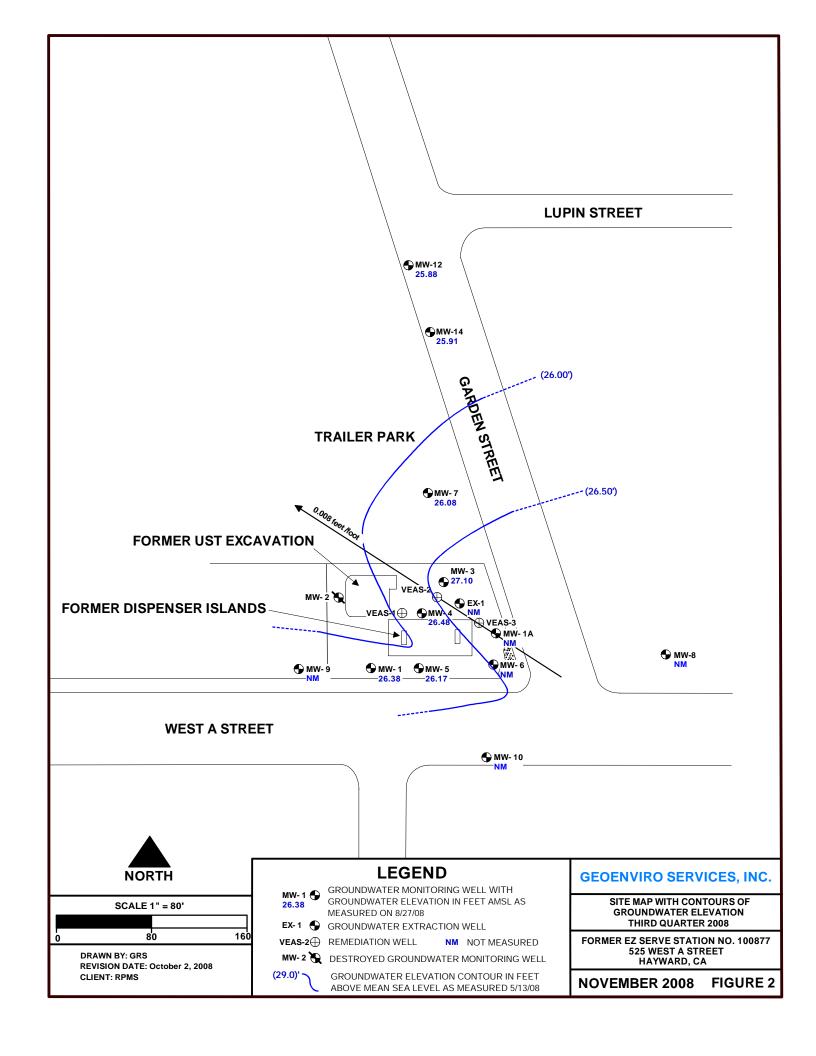
NOVEMBER 2008

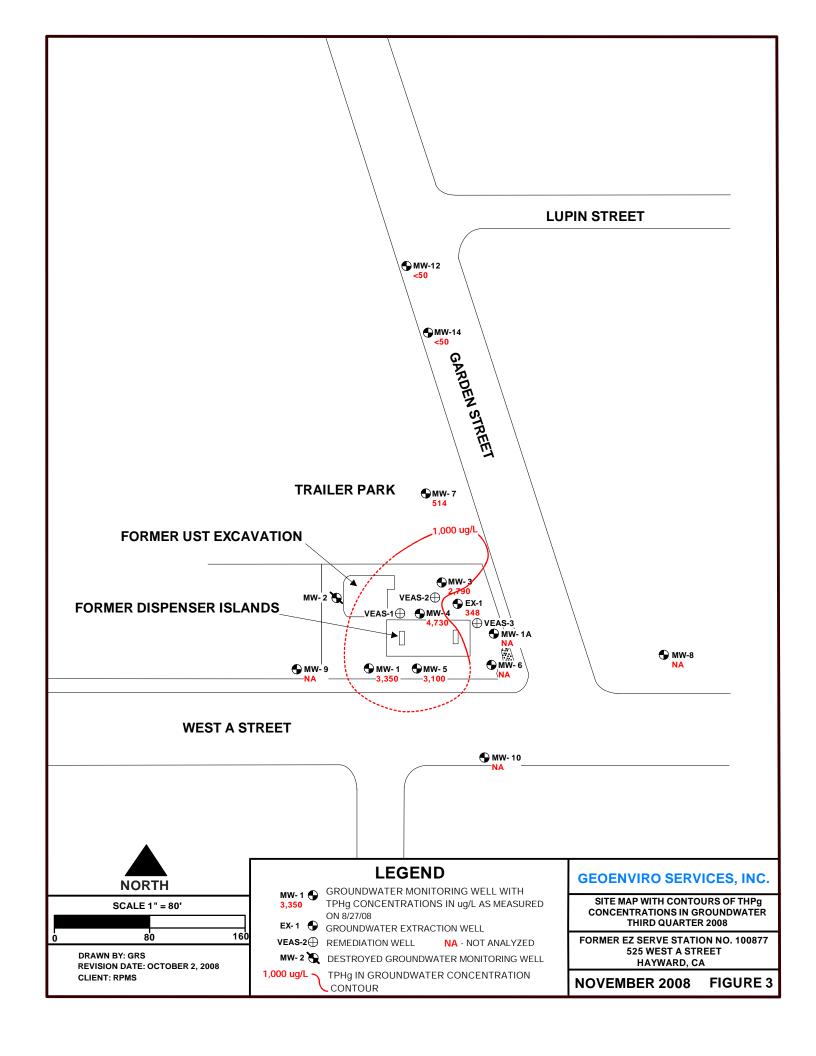
FIGURE 1

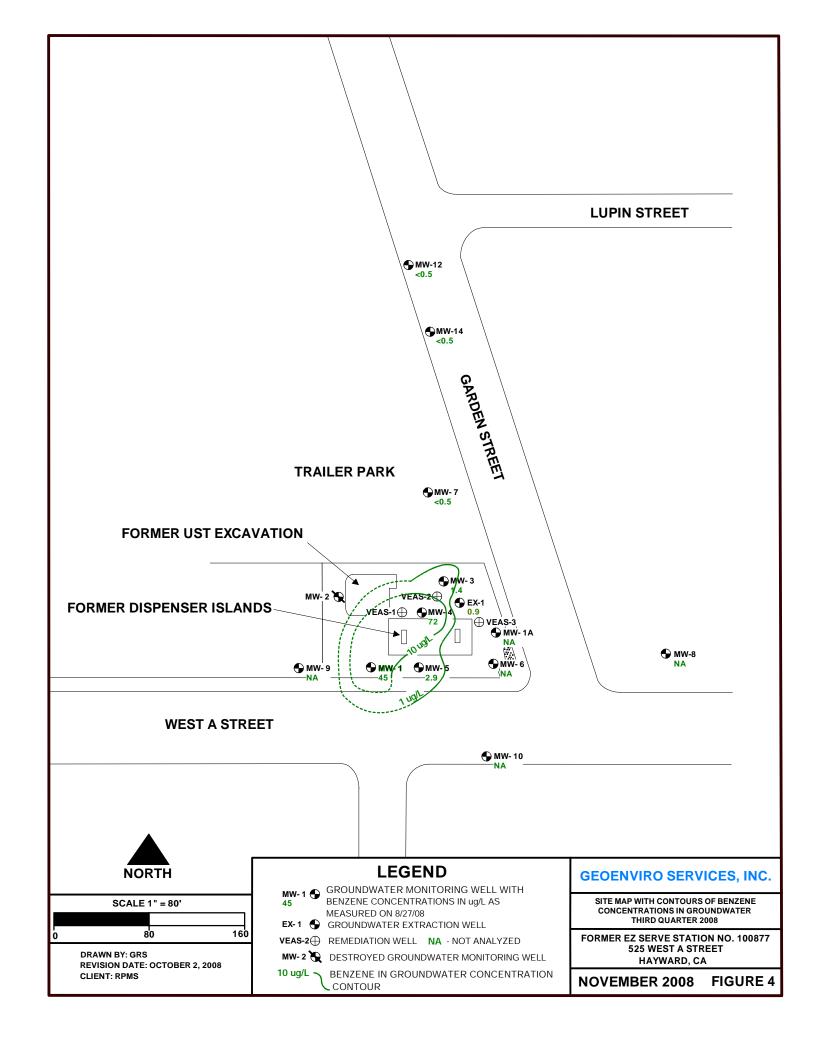
DRAWN BY: JPS

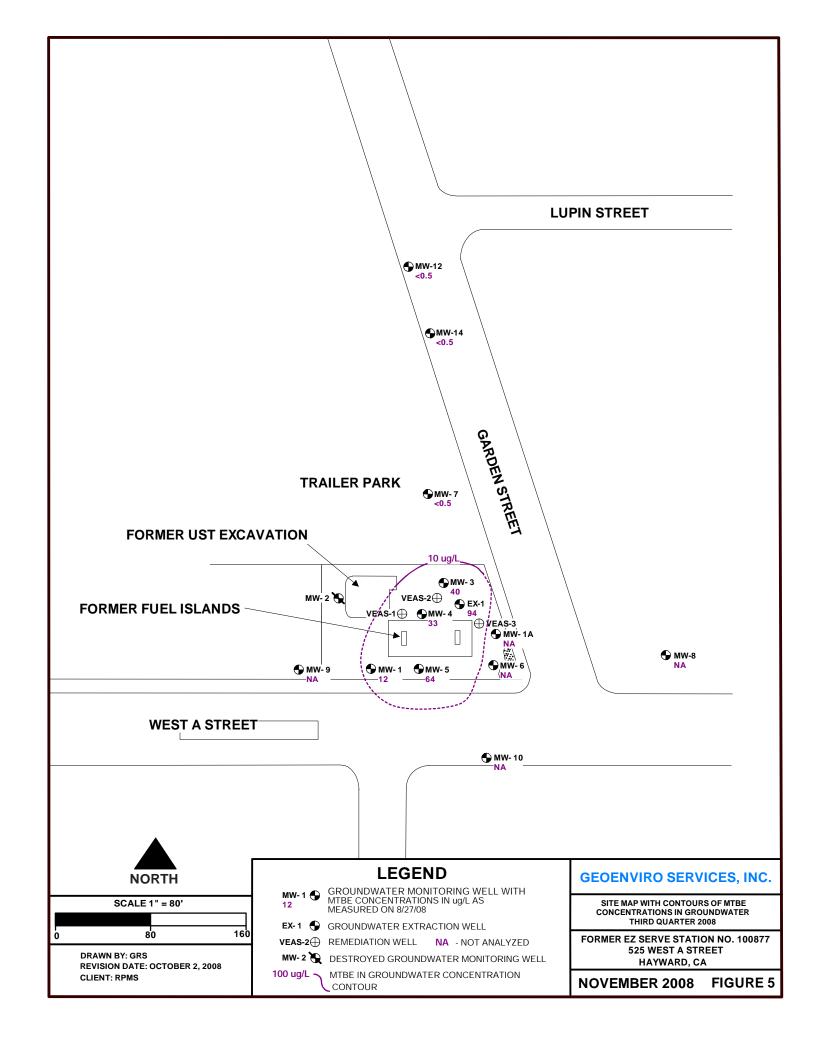
CLIENT: RPMS

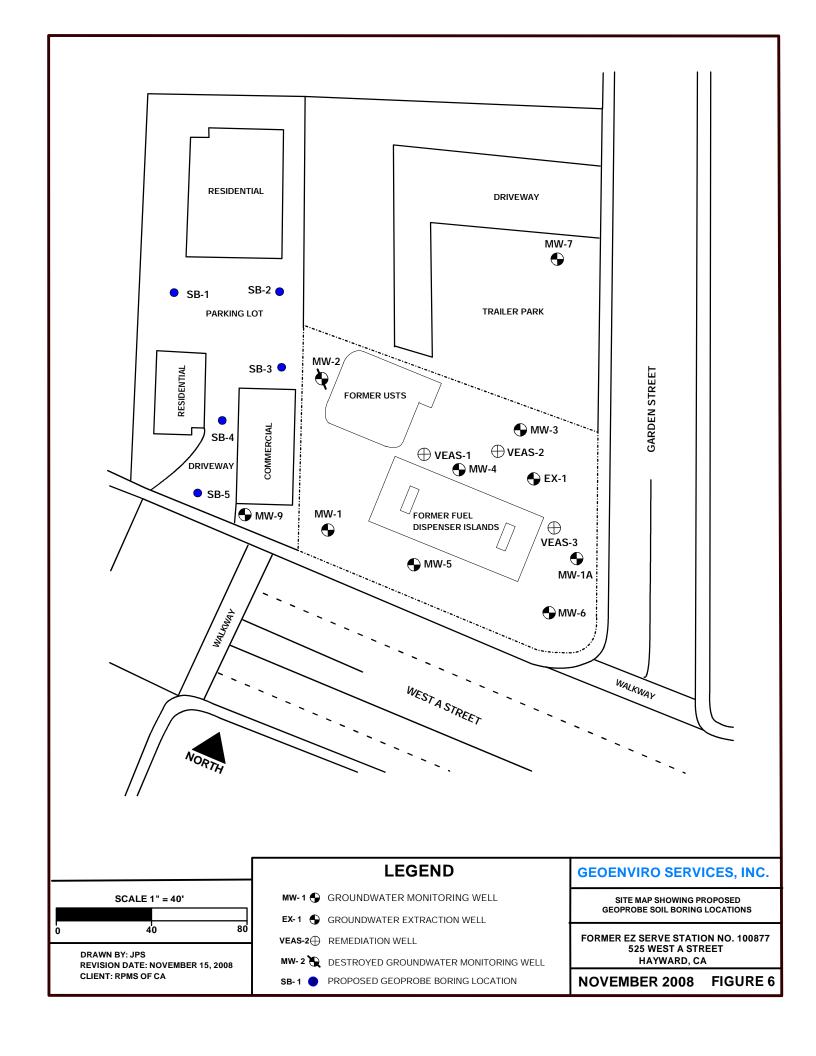












APPENDIX A AGENCY CORRESPONDENCE

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY



DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

NOTICE TO COMPLY

September 26, 2008

Jack Ceccarelli Restructure Petroleum Marketing Service 205 S. Hoover Blvd., Suite 101 Tampa, FL 33609-905

Brian Cobb EZ Serve Petroleum Marketing 100700 North I45, Suite 500 Houston, TX 77037-1187

Margaret S. Thompson Harker Marketing of California 1675 Manzanita Avenue Chico, CA 95926-1633 Vinod & Janak Bansal 1777 Beach Park Blvd. Foster City, CA 94404-1403

Azizolah Kandahari Himalaya Trading Company, Inc. 5196 Grayhawk Lane Dublin, CA 94568-7764

Subject: Fuel Leak Case No. RO0000023 and Geotracker Global ID T0600100483, EZ Serve #100877, 525 West A Street, Hayward, CA 94541

Dear Responsible Parties:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site and determined that the site is currently not in compliance with our October 24, 2002 and December 5, 2007 directive letters (enclosed). Our October 24, 2002 directive letter approved monitoring well abandonment for the proposed soil excavation remedial alternative to clean up the site. Our December 5, 2007 directive letter identified that the site is not in compliance and required that the decommissioned monitoring well MW-2 be replaced and the subsequent Soil and Groundwater Investigation Report be submitted by January 15, 2008. Over eight months have lapsed since the due date and the required report has not been received.

More importantly, ACEH understands that an excavation to facilitate UST installation at the site began in December 2007. Therefore, it appears that only a portion of the approved remedial action has been conducted. ACEH is perplexed that the remedial excavation was not conducted contemporaneously with site redevelopment as it would appear to be the most cost-effective remedial solution for the site. Since the partial remedial excavation now appears to be an interim remedial action (IRA), a report summarizing the remediation is required.

In order to re-gain compliance status, please install the required replacement monitoring well, as detailed in our October 24, 2002 and December 5, 2007 directive letters, and submit the IRA report (documenting excavation activities, sample results, disposal manifests, bill of lading, etc.) due by the dates specified below. Failure to perform the required work and submit reports by the due dates specified below will result in an issuance of a Notice of Violation and possible referral

to the District Attorney for enforcement action and/or ineligibility for reimbursement of corrective action costs incurred at the site from the Underground Storage Tank Clean-up Fund. Pursuant to Chapter 6.7, California Health and Safety code, civil penalties up to \$10,000 for each UST for each day of violation may be imposed. Once removed from the Clean-up Fund, the costs associated with the subsurface investigation work that is required will not be reimbursed. Please note that civil penalties for non-compliance are assessed from the original due date (January 15, 2008).

ACEH requests that you address the technical comments below as well as the comments presented in our October 24, 2002 and December 5, 2007 directive letters and send us the technical reports described below.

TECHNICAL COMMENTS

Joint Groundwater Contaminant Plume Monitoring – Groundwater monitoring is required
at this site as well at 580 West A Street located across the street and down-gradient of the
subject site. At this time, please conduct joint groundwater monitoring at both sites to gain a
better understating of site hydrogeology. Please coordinate the groundwater sampling
activities with Gary Aguilar with Hydro Analysis, Inc. Mr. Aguilar can be contacted at (510)
620-0891 or by e-mail at gary@hydroanalysis.com. It is recommended that all the
groundwater monitoring wells are surveyed by the same surveyor and that depth to water
measuring instruments are calibrated to one another.

Once the groundwater monitoring wells are all restored and/or replace and the site is adequately characterized, the need to complete the approved remedial excavation may be evaluated.

TECHNICAL REPORT REQUEST

Please submit technical reports to ACEH (Attention: Paresh Khatri), according to the following schedule:

- October 27, 2008 IRA Report
- October 30, 2008 Quarterly Monitôring Report (3rd Quarter 2008)
- December 24, 2008 Monitoring Well Installation Report
- January 30, 2009 Quarterly Monitoring Report (4th Quarter 2008)
- April 30, 2009 Quarterly Monitoring Report (1st Quarter 2009)
- July 30, 2009 Quarterly Monitoring Report (2nd Quarter 2009)

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotrackor (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 777-2478 or send me an electronic mail message at paresh.khatri@acgov.org.

Sincerely,

Paresh C. Khatri

Hazardous Materials Specialist

Donna L. Drogos, PE

Supervising Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

December 5, 2007 ACEH Directive Letter October 24, 2002 ACEH Directive Letter

cc: Joseph Schaaf, Geoenviro Services, Inc., 5529 Kailas Street, Ventura, CA 93003
Hugh Murphy. City of Hayward Fire Dept., 777 B Street, Hayward, CA 94541
Gary Aguilar, Hydro Analysis, Inc., 11100 San Pablo Ave., Suite 200-A, El Cerrito, CA 94530
Donna Drogos, ACEH
Paresh Khatri, ACEH

File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)

ISSUE DATE: July 5, 2005

REVISION DATE: December 16, 2005

PREVIOUS REVISIONS: October 31, 2005

SECTION: Miscellaneous Administrative Topics & Procedures

SUBJECT: Electronic Report Upload (ftp) Instructions

Effective January 31, 2006, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

Fntire report including cover letter must be submitted to the ftp site as a single portable document format (PDF) with no password protection. (Please do not submit reports as attachments to electronic mail.)

It is preferable that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather

Signature pages and perjury statements must be included and have either original or electronic signature.

Do not password protect the document. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password.
Documents with password protection will not be accepted.

Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer

monitor.

Reports must be named and saved using the following naming convention:

RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in Excel format.
 These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:

- a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org

OI

ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.

- b) In the subject line of your request, be sure to include "ftp PASSWORD REQUEST" and in the body of your request, include the Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by Report Upload. (e.g., Subject: RO1234 Report Upload)

ALAMEDA COUNTY HEALTH CARE SERVICES

AGENCY





ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PHOTECTION 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

December 5, 2007

Mr. Jack Ceccarelli Restructure Petroleum Marketing Service 205 S. Hoover Blvd., Suite 101 Tampa, FL 33609-905

Vinod & Janak Bansal 1777 Beach Park Blvd. Foster City, Ca 944041-1403

Mr. Aziz Kandahari Himalaya Trading Company Inc 32785 Olympiad Court Union City, CA 94587-1905 Mr. Brain Cobb EZ Serve Petroleum Marketing 100700 North 145, Suite 500 Houston, TX 77037-1187

Levonard and Margret Thomsen PO Box 16290 Houston, TX 77222

Subject: Fuel Leak Case No. RO000023 (Global ID # T0600100483), EZ Serve #100877, 525

West A Street, Hayward, CA

Dear Mr. Ceccarelli and Mr. Cobb:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the documents entitled, "Work Plan for the Replacement and Installation of Monitoring Wells," "Well Destruction Report," and "Quarterly Groundwater Monitoring Report – First Quarter 2007" dated March 17, 2006, April 28, 2006 and May 10, 2007. Currently, the site is undergoing redevelopment as a gasoline service station.

Historically, dissolved phase petroleum hydrocarbon contamination was detected in groundwater collected from monitoring well MW-2 at concentrations of up to 60,000 ppb TPHg and 23,000 ppb benzene. MW-2 is an important component in the monitoring well network and must be replaced. This is not an extension of the due date for the monitoring well installation and reports for you site are late.

We request that you perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

Monitoring Well MW-2 Replacement. MW-2 was decommissioned on April 6, 2006 with the
concurrence of ACEH. However, our approval of the well decomissioning was contingent on
a timely replacement of MW-2. In a correspondence dated March 22, 2006 ACEH approved
the installation of replacement well MW-2A. To date, ACEH has not received a monitoring

Mr. Jack Ceccarelli and Mr. Brain Cobb December 2, 2007 Page 2

well installation report or any other indication the replacement well has been installed. Consequently, your site is out of compliance with directive from this office. ACEH requires that monitoring well MW-2 must be replaced. The proposed location of MW-2A is sited on an adjacent property that will require an access agreement with the property owner prior to the installation of the replacement well. ACEH requests that you immediately pursue any offsite access agreements that may be necessary to expedite the well installation process. Furthermore, coincidence with the replacement of MW-2, ACEH approved the installation of two additional monitoring wells downgradient of the site. The purpose of the additional off site monitoring wells is to evaluate if dissolved plume is impacting the downgradient site located at 580 West A Street.

ACEH does not agree with the proposed monitoring well construction with a screened Interval of 20 feet. We recommend the installation of monitoring wells designed with filter pack intervals of 5 feet or less, as these wells will be representative of depth discrete groundwater conditions. Upon completion of the monitoring well installation ACEH request that you submit all well construction design details, technical specifications and well logs in the report requested below. In addition, we request that a licensed professional surveyor survey all the new monitoring well locations. ACEH requests that a site map be prepared showing the location of the former UST, all onsite buildings, new monitoring locations and any other site feature that may be pertinent. Please present the results from the monitoring well installation in the report requested below.

- 2. Soil Sampling and Analysis. ACEH requests soil samples be collected from soil borings at changes in lithology, areas of obvious hydrocarbon contamination or when elevated PID readings occurs. If no changes in lithology, obvious contamination or elevated PID reading occurs, soil samples shall be collected at the capillary fringe and approximately 5 feet interval until the total depth of the boring is reached. All soil samples are to be submitted for the following laboratory analysis; TPHg, TPHd, BTEX and MtBE. Please present results from Monitoring Well Installation report requested below.
- Groundwater Sampling and Analysis. The water samples are to be analyzed for TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDD, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please present the results from groundwater monitoring and sampling in the report requested below.
- 4. Hydrogeologic Cross Sections. Please incorporate historical soil boring and monitoring well data including soil and groundwater analytical data, static water level and first water encountered, well screen interval, distinct geologic contacts and the location of former UST tank pit and appurtenance into a minimum of two cross sections that are parallel and perpendicular to groundwater flow. Please present the cross sections in the Monitoring Well Installation Report requested below.
- 5. Geotracker EDF Submittals Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collected groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD

Mr. Jack Ceccarelli and Mr. Brain Cobb December 2, 2007 Page 3

83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). In order to remain in regulatory compliance, please upload all analytical data (collected on or after September 1, 2001), to the SWRCB's Geotracker database website in accordance with the above-cited regulation.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Steve Plunkett), according to the following schedule:

January 15, 2008 – Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Hoalth and Safety Codo Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

Mr. Jack Ceccarelli and Mr. Brain Cobb December 2, 2007 Page 4

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

ACENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please feel free to call me at (510) 383-1767.

Sincerely,

Steven Plunkett

Hazardous Materials Specialist

cc: Thomas B. Lawrence
Delta Consultants
3164 Gold Camp Drive
Rancho Cordova, CA 95670

Donna Drogos, ACEH, Steven Plunkett, ACEH, File

APPENDIX B HEALTH AND SAFETY PLAN

Project Title: Former EZ-Serve 100877

Project Address: 525 West A Street, Hayward, California

Project Manager: Joseph P. Schaaf Work Phone: (805) 642-1668

Project Supervisor: Joseph Schaaf

INTRODUCTION

The purpose of this Site Safety Plan is to establish requirements for protecting the health and safety of site workers for the above-listed project. It contains safety information, instructions, and procedures.

ORGANIZATION

The following personnel are designated to carry out the stated job functions pertaining to the site work. All site personnel have read this safety plan and are familiar with its provisions.

				Name			Sig	natur	е	
Site Safety Of	fficer:		Jos	seph Schaaf						
Project Team	Lead	er:	R	yan Shafer						
Field Team Le	eader	:	R	yan Shafer						
Field Personr	nel:									
		accomplished				-	Plan,	with	the	following
Site Safety Of	fficer:									
•										
Date:										

(RETURN ORIGINAL COPY TO JOB FILE WITH SIGNATURES)

EZ-SERVE 100877 – 525 WEST A STREET, HAYWARD, CA NOVEMBER 2008

EMERGENCY RESPONSE (DIAL 9-1-1)

Nearest phone located: Within GeoEnviro Services vehicle Closest **Emergency** Facility: Eden **Emergency** Medicine Group

Address: 20103 Lake Chabot Rd.

Castro Valley, CA 94546

Phone: (510) 889-5015
Ambulance response time: 5 minutes or less

Fire and Police will also be contacted by dialing 911. Ambulance service is to be used in emergencies if the injured person cannot safely be transported by a GeoEnviro Services vehicle. When in doubt as to the severity of the situation, call 911.

SITE DESCRIPTION

Location: Former gasoline service station located in a residential/commercial area of

Stockton.

Hazards: General hazards associated with the operation of a drilling rig and dual-phase

extraction equipment. Potential unintentional of unmarked utilities during drilling activities. Potential for exposure to petroleum hydrocarbon vapors, or

petroleum hydrocarbon impacted soil and/or groundwater.

Area Affected: Subsurface soil and groundwater

Land Use: Commercial Topography: Generally flat

Weather Conditions: Dry and warm

PROJECT OBJECTIVE

The objective of this project is to install extraction / injection / monitoring wells using a hollowstem auger drilling rig, complete site remediation activities using a mobile high-vacuum, dualphase extraction system.

AGENCY REPRESENTATIVE(S)

Name: Mr. Paresh Khatri

Agency: Alameda County Environmental Health

Phone Number: (510) 777-2478

SITE SETUP

A safe perimeter will be established at the work site. The area will be restricted to required personnel only. No unauthorized personnel will be allowed within the safe perimeter stated above. Control boundaries will be marked with caution tape if necessary to maintain the established safe perimeter. The onsite command post will be established at the CalClean vehicle.

EZ-SERVE 100877 – 525 WEST A STREET, HAYWARD, CA NOVEMBER 2008

HAZARD EVALUATION

Chemicals Onsite. The following substance(s) are known or suspected to be onsite. The primary hazards of each are identified along with their concentrations, if known.

Substance Involved	Primary Hazard	Concentration
Gasoline and/or Diesel	BTEX and MTBE Exposure	As great as 5,000 mg/kg
Oxygen	Combustion Accelerator	

Physical Hazards Onsite. Normal physical hazards are present from subsurface exploration equipment and remediation equipment. Personnel are required to follow the GeEnviro Services general health and safety plan, a copy of which is kept at the office of GeEnviro Services and has been reviewed and discussed by all Geo Enviro Services personnel.

GENERAL SAFETY RULES

- 1. There will be no eating, drinking, or smoking within the safe perimeter set up.
- 2. Fire extinguishers will be onsite on or near GeoEnviro Services vehicle.
- 3. A first aid kit is located at the onsite command post.

EQUIPMENT

Personal Protective Equipment. On the basis of the evaluation of potential hazards, the level of protection deemed appropriate for this site is Level D. If organic vapor concentrations in the breathing zone exceed 50 parts per million by volume (ppmv), EPA Level C personal protective equipment will be used. These concentrations are based on personnel exposure limits (PELs) and threshold limit values (TLVs) of the various contaminants anticipated, with some consideration given to possible contaminants encountered in combination.

Level D equipment includes:

hard hat steel toe and shank boots safety glasses or goggles latex gloves rubber gloves long sleeve shirt or coveralls

Level C equipment includes:

full or half face respirator
dual cartridge with organic vapor/acid gas hepa filtration
steel toe neoprene boots
Tyvek suits
latex inner gloves
PVC outer gloves
duct tape

EZ-SERVE 100877 – 525 WEST A STREET, HAYWARD, CA NOVEMBER 2008

DECONTAMINATION PROCEDURES

Personnel and equipment leaving the job site shall be decontaminated. The following procedures shall be followed:

- 1. Soil samplers will be washed with TSP (non-phosphate) solution and rinsed in clean water prior to being used.
- 2. Personnel will wash as soon as possible after completion of work and prior to eating, drinking, smoking, etc.

MONITORING

Safety Monitoring

- 1. The designated Site Safety Officer is responsible for onsite safety recommendations during site field activities.
- 2. A safety meeting will be conducted onsite by the Site Safety Officer prior to initiation of activities. The technical work plan and Health and Safety Plan will be discussed and any other topic considered relevant by the Site Safety Officer.

Environmental Monitoring

- 1. The following environmental monitoring instruments shall be used during the site assessment: Photoionization Detector and/or organic vapor analyzer.
- 2. The Site Safety Officer shall be notified of any onsite emergencies or potential hazards noticed by other site personnel. The Site Safety Officer is responsible for determining whether it is safe to proceed. If the Site Safety Officer does not or cannot make the determination, then the project manager shall be contacted prior to continuing with the investigation.
- 3. If any equipment onsite fails to operate properly, the Field Team Leader and Site Safety Officer shall be notified. It will be determined as to the effect of this failure on continuing operations on the site. If the failure affects the safety of personnel or prevents completion of the work plan tasks, all personnel shall leave the job site until the situation is evaluated and appropriate actions taken.

Personal Monitoring. The following personal monitoring will be in effect onsite:

Site personnel will be observed by the Site Safety Officer to determine whether they are operating in a safe manner. Special attention will be given to observing for heat stress.

EZ-SERVE 100877 – 525 WEST A STREET, HAYWARD, CA NOVEMBER 2008

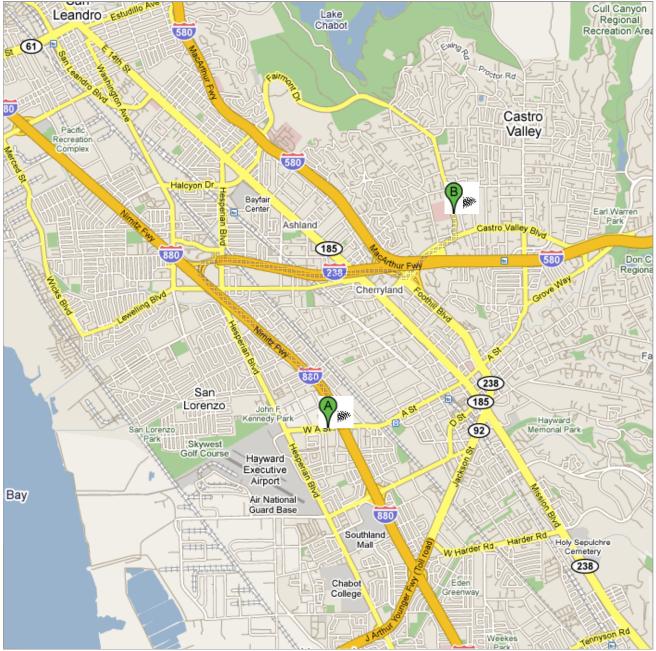
TRAINING REQUIREMENTS

All personnel will be up-to-date on the requirements set forth in 29 CFR 1910.120. It is the responsibility of the Corporate Health and Safety Coordinator, Mr. Joseph P. Schaaf, to maintain the required annual 8-hour OSHA Hazardous Waste Operations (HAZWOPER) refresher training for all personnel.



Directions to 20103 Lake Chabot Rd, Castro Valley, CA 94546 5.5 mi – about 12 mins





525 W A St Hayward, CA 94541

	•	
1.	Head west on W A St toward Victory Dr	go 82 ft total 82 ft
S 2.	Make a U-turn at Victory Dr About 2 mins	go 0.2 mi total 0.2 mi
880 3.	Turn left to merge onto I-880 N toward Oakland About 2 mins	go 1.7 mi total 1.9 mi
238 4.	Take the exit onto I-238 S toward Castro Valley/I-580/Stockton About 3 mins	go 2.2 mi total 4.1 mi
5.	Take the Castro Valley Blvd exit About 1 min	go 0.5 mi total 4.6 mi
ኅ 6.	Turn left at Castro Valley Blvd (signs for Castro Valley Blvd) About 3 mins	go 0.6 mi total 5.2 mi
5 7.	Slight left to stay on Castro Valley Blvd	go 407 ft total 5.3 mi
។ 8.	Turn left at Lake Chabot Rd Destination will be on the left About 1 min	go 0.2 mi total 5.5 mi
_,	03 Lake Chabot Rd tro Valley, CA 94546	

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2008 Tele Atlas