Mr. Jerry Wickham, P.G.
Alameda County Environmental Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Document Transmittal**
Eagle Gas Station, 4301 San Leandro, Oakland, California
LOP StID#2118, ACEHS Case No. RO0000096, USTCF Claim No. 014551

Dear Mr. Wickham:

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

Sincerely,

Mr. Muhammad Jamil, on behalf of Ms. Farah Naz

STRATUS
ENVIRONMENTAL, INC.

3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

October 19, 2011
Project No. 2085-4301-01

Mr. Jerry Wickham, P.G.
Alameda County Environmental Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Quarterly Groundwater Monitoring and Sampling Report – Third Quarter 2011**
Eagle Gas Station, 4301 San Leandro, Oakland, California
LOP StID#2118, ACEHS Case No. RO0000096, USTCF Claim No. 014551

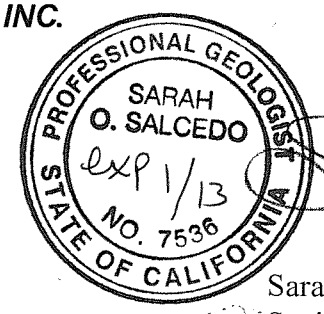
Dear Mr. Wickham:

Stratus Environmental, Inc. (Stratus) is submitting the attached report, which presents an update of work performed during the third quarter 2011 on behalf of Mr. Muhammad Jamil and Ms. Farah Naz, for the Eagle Gas Station facility located at 4301 San Leandro Street, Oakland, California. Stratus representatives, whose signatures appear below, declare under penalty of perjury, that the information contained in the attached report are true and correct to the best of our knowledge.

If you have any questions regarding this project, please contact Mr. Kasey Jones at (415) 516-0373.

Sincerely,

STRATUS ENVIRONMENTAL, INC.



Kasey Jones
Project Manager

Sarah O. Salcedo, P.G.
Senior Geologist

Attachment: Quarterly Groundwater Monitoring and Sampling Report, Third Quarter 2011

cc: Mr. Muhammad Kafil

October 19, 2011

EAGLE GAS STATION
QUARTERLY GROUNDWATER MONITORING AND SAMPLING REPORT

Facility Address:	4301 San Leandro Street, Oakland, California 94601
Consulting Co. / Contact Person:	Stratus Environmental, Inc. / Kasey Jones
Consultant Project No:	2085-4301-01
Primary Agency/Regulatory ID No:	Jerry Wickham, Alameda County, Environmental Health Services (ACEHS) Case No. RO0000096

WORK PERFORMED THIS QUARTER (Third Quarter 2011):

1. On July 13 and 14, 2011, Stratus conducted the third quarter 2011 annual groundwater monitoring and 3-volume purge sampling of all 25 existing monitoring wells at the site, with the exception of MW-9 which was inaccessible at the time of monitoring and sampling. Groundwater samples were analyzed at a state-certified analytical laboratory for diesel range organics (DRO), gasoline range organics (GRO) by EPA Method SW8015B/DHS LUFT Manual, and for benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tert-butyl ether (MTBE), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), di-isopropyl ether (DIPE), and tertiary butyl alcohol (TBA) by EPA Method SW8260B. Field data sheets, sampling procedures and laboratory analytical reports are included as Appendices A, B, and C, respectively. Tabulated historical groundwater elevation data/analytical results and well construction details are summarized in Table 1.

WORK PROPOSED FOR NEXT QUARTER (Fourth Quarter 2011):

1. In accordance with the ACEHS-approved reduced frequency groundwater monitoring and sampling program (approved in email dated June 29, 2010), no groundwater monitoring and sampling will be conducted at the site during the fourth quarter 2011.

2. As requested by ACEHS, in a letter dated August 3, 2011, Stratus is currently researching and sampling a mailing list composed of neighbors within a 200 foot radius of the site. The mailing list will be submitted to ACEHS during fourth quarter 2011 for review.

3. Upon receipt of ACEHS approval of the June 30, 2011 *Corrective Action Plan*, Stratus will begin implementation of the plan.

Current Phase of Project:	Groundwater Monitoring / Corrective Action Plan
Frequency of Groundwater Monitoring and Sampling:	All Wells = Annually (3Q)
Groundwater Sampling Date:	July 13 and 14, 2011
Is Free Product (FP) Present on Site:	No ; Sheen noted MW-4, MW-8, IS-3, IS-4, IS-5 & EW-1
Approximate Depth to Groundwater (shallow):	6.87 to 10.98 feet below top of well casing
Approximate Depth to Groundwater (deep):	12.67 to 15.35 feet below top of well casing
Groundwater Flow Direction / Gradient (shallow):	Variable / 0.02 to 0.20 ft/ft

Groundwater Flow Direction / Gradient (deep): South-southeast/ 0.001 ft/ft

DISCUSSION:

On July 13 and 14, 2011, Stratus conducted the third quarter 2011 annual groundwater monitoring and 3-volume purge sampling of all 25 existing monitoring wells at the site, with the exception of MW-9, which was inaccessible at the time of sampling. Field data sheets, sampling procedures and laboratory analytical reports are included as Appendices A, B, and C, respectively. Tabulated groundwater elevation data/analytical results are summarized in Table 1.

Shallow Zone

A total of eighteen permanent groundwater monitoring wells (MW-1 through MW-10, IS-1 through IS-6, EW-1, and EW-2) have been screened from 10 to 25 feet below ground surface (bgs) (except MW-9 and MW-10 which are screened 5 to 15 feet bgs) to monitor groundwater occurrence and quality in the first encountered water-bearing zone (known as the 'shallow" or 'A' zone herein). These wells' screens penetrate a soil column of primarily clays, with thin discontinuous meandering horizons of clayey gravels. Historically, groundwater in the shallow monitoring well array has been measured as shallow as approximately 6 feet bgs to as deep as approximately 20 feet bgs, with a historical average of approximately 9.5 feet bgs. The tops of the well screens have been submerged during the majority of the historical monitoring period. Seasonal fluctuations in water table levels on the order of 1 to 2 feet are typical. Historic determinations of the groundwater flow in Zone A indicated an apparent mounding of the groundwater surface on site, with steep gradients to the northwest, southwest, northeast, and southeast. Late 2006 investigations determined that on-site leakage of the domestic water supply and sewer are likely contributing to mounding. Based on geomorphology, surface terrain and nearby sites, overall groundwater flow towards the bay (to the south and southwest) is likely (distribution of offsite groundwater impact also supports an overall southwesterly flow).

At the time of the July 2011 groundwater monitoring event, depth to groundwater was measured at 6.87 to 10.98 feet bgs in the shallow screened monitoring wells, with the exception of MW-9 which was inaccessible at the time of monitoring/sampling. Depth to groundwater data were converted to elevation in feet above mean sea level (MSL) and used to prepare a shallow-zone groundwater elevation contour map (Figure 2). As is typical at the site, groundwater flow direction on the site property appears highly variable, controlled by hydraulic lows in the northern corner of the property (MW-6 and MW-3). In offsite areas, a southerly flow is apparent. Hydraulic gradients ranging from 0.02 to 0.20 ft/ft were calculated.

During the third quarter 2011, groundwater samples were collected from 17 of the shallow zone monitoring wells, following a 3-volume purge. Tabulated groundwater analytical data are summarized in Table 1. Chemicals-of-concern (COCs) at the site include GRO, DRO, benzene, MTBE, TAME, and TBA. Groundwater in the shallow zone beneath the site is highly impacted, and the impact is widespread on the site property. DRO, MTBE and TBA were reported in all sampled wells during the third quarter 2011. DRO and GRO concentrations in the shallow-zone wells ranged between 52 micrograms per liter (µg/L) and 4,400 µg/L and 670 µg/L and 24,000 µg/L, respectively. Benzene was reported in 11 of the sampled wells with a maximum concentration of 930 µg/L (MW-6). Concentrations of MTBE ranged between 49 µg/L and 6,000 µg/L, and TBA concentrations ranged between 2,700 µg/L and 330,000 µg/L. Some detection limits were increased due to elevated concentrations of target analytes. GRO, DRO, benzene, MTBE, and TBA concentrations for groundwater samples collected from the shallow zone during the third quarter 2011 are presented in Figure 3.

Deep Zone

A total of seven permanent groundwater monitoring wells (MW-1D, MW-4D, MW-5D, MW-7D, MW-9D, MW-10D, and MW-11D) have been discretely screened (variably) from approximately 35 to 55 bgs to monitor groundwater occurrence and quality in a deeper portion of the saturated zone (known as the 'deep" or 'B' zone herein). These wells' screens penetrate a soil column of primarily sandy soils (poorly

to well-graded sand and silty sand) with thin interbeds of lean clay. Historically, groundwater in the deep monitoring well array has been measured as shallow as 12.7 feet bgs to as deep as 19.2 feet bgs, with a historical average of approximately 15.5 feet bgs. Seasonal fluctuations in water table levels on the order of 1 to 2 feet are typical. Historic determinations of the groundwater flow in Zone B indicate north, east, and southeast and south-southwest flow directions at shallow gradients.

During the July 2011 groundwater monitoring event, depth to groundwater was measured at 12.67 to 15.35 feet bgs in the deep screened monitoring wells. Depth to groundwater data were converted to elevation in feet above mean sea level (MSL) and used to prepare a deep-zone groundwater elevation contour map (Figure 4). Based on data collected during this event, groundwater flow within the B zone was to the south-southeast at a gradient of approximately 0.001 ft/ft.

During the third quarter 2011, groundwater samples were also collected from all seven of the deep zone monitoring wells, following a 3-volume purge. Tabulated groundwater analytical data are summarized in Table 1. Current COCs within the deeper zone include only GRO, MTBE and TBA. During the third quarter 2011 sampling event, GRO was reported only in wells MW-9D (230 µg/L) and MW-10D (59 µg/L). MTBE was reported in wells MW-4D, MW-7D and MW-9D at concentrations of 30 µg/L, 8.1 µg/L and 2.2 µg/L, respectively, and TBA was only reported in well MW-4D (16 µg/L). No concentrations of DRO, BTEX, DIPE, ETBE or TAME were reported in any of the deep-zoned wells during the July 2011 sampling event. GRO, DRO, benzene, MTBE, and TBA concentrations for groundwater samples collected from the deep zone during the third quarter 2011 are presented in Figure 5.

ATTACHMENTS:

- Table 1 Groundwater Elevation and Analytical Summary
- Figure 1 Site Location Map
- Figure 2 Groundwater Elevation Contour Map , Shallow Screened Wells
- Figure 3 Groundwater Analytical Summary, Shallow Screened Wells
- Figure 4 Groundwater Elevation Contour Map, Deep Screened Wells
- Figure 5 Groundwater Analytical Summary, Deep Screened Wells
- Appendix A Field Data Sheets
- Appendix B Sampling and Analyses Procedures
- Appendix C Laboratory Analytical Reports and Chain-of-Custody Documentation
- Appendix D GeoTracker Electronic Submittal Confirmations

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
UPPER ZONE MONITORING WELLS																			
MW-1	10/03/00	18.37	8.96	9.41	460	93,000	<500	<500	<500	<500	130,000	<10,000	<10,000	<10,000	<2,000	--	--	--	--
	10/27/00	18.37	7.27	11.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/26/01	18.37	7.60	10.77	1,600	51,000	270	<100	<100	<100	77,000	<5,000	<5,000	<5,000	<20,000	--	--	--	--
	05/08/01	18.37	7.50	10.87	470	36,000	<100	<100	<100	<100	15,000	<5,000	<5,000	<5,000	<20,000	--	--	--	--
	08/03/01	18.37	7.09	11.28	2,200	19,000	<50	59	<50	<50	96,000	<5,000	<5,000	<5,000	<20,000	--	--	--	--
	07/01/03	18.37	7.59	10.78	3,000	<25,000	<250	<250	<250	<250	170,000	<250	<250	980	8,700	--	--	--	--
	10/01/03	18.37	8.36	10.01	2,600	<20,000	<200	<200	<200	<200	69,000	<200	<200	270	15,000	--	--	--	--
	02/13/04	18.37	8.80	9.57	1,800	<10,000	<100	<100	<100	<100	85,000	<100	<100	390	79,000	--	--	--	--
	05/17/04	18.37	10.92	7.45	5,400	<15,000	<150	<150	<150	<150	60,000	<150	<150	260	160,000	--	--	--	--
	08/06/04	18.37	7.76	10.61	510	<10,000	<100	<100	<100	<100	26,000	<100	<100	100	250,000	--	--	--	--
	11/12/04	18.37	9.25	9.12	3,500	<5,000	<50	<50	<50	<50	25,000	<50	<50	150	160,000	--	--	--	--
	02/15/05	18.37	10.12	8.25	2,900	<5,000	<50	<50	<50	<50	12,000	<50	<50	70	160,000	--	--	--	--
	05/09/05	18.37	9.58	8.79	1,700	<5,000	<50	<50	<50	<50	11,000	<50	<50	53	200,000	--	--	--	--
	08/08/05	20.08	10.09	9.99	2,000	<5,000	<50	<50	<50	<50	8,500	<50	<50	<50	250,000	--	--	--	--
	11/16/05	20.08	9.81	10.27	3,600	<5,000	<50	<50	<50	<50	3,800	<50	<50	<50	140,000	<5,000	<500	<50	<50
	02/22/06	20.08	9.58	10.50	2,600	<5,000	<50	<50	<50	<50	5,800	<50	<50	<50	120,000	<5,000	<500	<50	<50
	05/16/06	20.08	6.89	13.19	4,700	<5,000	<50	<50	<50	<50	3,700	<50	<50	<50	150,000	<5,000	<500	<50	<50
	08/23/06	20.08	9.21	10.87	2,000	<5,000	<50	<50	<50	<50	3,700	<50	<50	<50	110,000	<5,000	<500	<50	<50
	11/13/06	20.08	8.55	11.53	--	<4,000	<40	<40	<40	<40	2,000	<40	<40	<40	79,000	--	--	--	--
	02/13/07	20.08	7.11	12.97	900	<2,500	<25	<25	<25	<25	3,700	<25	<25	25	63,000	--	--	--	--
	05/15/07	20.08	6.63	13.45	3,000	<2,500	<25	<25	<25	<25	1,100	<25	<25	<25	52,000	--	--	--	--
	08/15/07	20.08	9.61	10.47	1,000	<1,000	<10	<10	<10	<10	230	<10	<10	<10	34,000	--	--	--	--
	11/13/07	20.08	13.63	6.45	170	<150	<1.5	<1.5	<1.5	<1.5	630	<1.5	<1.5	3.1	200	--	--	--	--
	02/19/08	20.08	6.13	13.95	1,800	240	<1.5	<1.5	1.7	1.8	53	<1.5	<1.5	<1.5	2,500	--	--	--	--
	06/25/08	20.08	6.72	13.36	1,300	640	<0.50	<0.50	<0.50	<0.50	77	<0.50	<0.50	0.6	3,800	--	--	--	--
	09/17/08	20.08	8.45	11.63	2,300	430	<1.5	<1.5	<1.5	<1.5	86	<1.5	<1.5	<1.5	4,100	--	--	--	--
	12/08/08	26.64	6.49	20.15	4,600	360	2.4	<1.5	<1.5	<1.5	540	<1.5	<1.5	4.2	15,000	--	--	--	--
	07/01/09	26.64	7.14	19.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	26.64	8.08	18.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	26.64	6.90	19.74	430	<2,000[1]	<10[1]	<10[1]	<10[1]	<10[1]	64	<20[1]	<20[1]	<20[1]	17,000	--	--	--	--
	07/14/11	26.64	7.05	19.59	440	670	<2.5[1]	<2.5[1]	<2.5[1]	<2.5[1]	49	<5.0[1]	<5.0[1]	<5.0[1]	7,900	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
MW-2	10/03/00	20.28	20.26	0.02	210	250,000	<1,250	<1,250	<1,250	<1,250	400,000	<25,000	<25,000	<25,000	<100,000	--	--	--	--
	10/27/00	20.28	13.88	6.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/26/01	20.28	12.10	8.18	6,000	740,000	3,800	<500	940	1,600	1,000,000	<50,000	<50,000	<50,000	<200,000	--	--	--	--
	05/08/01	20.28	12.05	8.23	2,100	140,000	2,800	<250	780	640	840,000	<50,000	<50,000	<50,000	<200,000	--	--	--	--
	08/03/01	20.28	13.30	6.98	2,600	42,000	1,100	63	230	130	880,000	<25,000	<25,000	<25,000	<100,000	--	--	--	--
	07/01/03	20.28	14.98	5.30	2,200	<200,000	<2,000	<2,000	<2,000	<2,000	790,000	<2,000	<2,000	3,400	<20,000	--	--	--	--
	10/01/03	20.28	15.99	4.29	870	<100,000	<1,000	<1,000	<1,000	<1,000	620,000	<1,000	<1,000	2,700	<20,000	--	--	--	--
	02/13/04	20.28	13.88	6.40	1,200	<20,000	860	<200	260	<200	710,000	<200	<200	2,000	<25,000	--	--	--	--
	05/17/04	20.38	14.68	5.70	2,500	<50,000	860	<500	<500	<500	760,000	<500	<500	2,500	13,000	--	--	--	--
	08/06/04	20.38	15.36	5.02	420	<50,000	590	<500	<500	<500	810,000	<500	<500	3,600	17,000	--	--	--	--
	11/12/04	20.38	15.49	4.89	500	<150,000	<1,500	<1,500	<1,500	<1,500	700,000	<1,500	<1,500	2,800	25,000	--	--	--	--
	02/15/05	20.38	14.16	6.22	990	<150,000	<1,500	<1,500	<1,500	<1,500	630,000	<1,500	<1,500	2,600	32,000	--	--	--	--
	05/09/05	20.38	13.62	6.76	1,100	<150,000	<1,500	<1,500	<1,500	<1,500	570,000	<1,500	<1,500	2,300	32,000	--	--	--	--
	08/08/05	22.05	13.36	8.69	770	<150,000	<1,500	<1,500	<1,500	<1,500	770,000	<1,500	<1,500	2,200	85,000	--	--	--	--
	11/16/05	22.05	14.51	7.54	890	<70,000	<700	<700	<700	<700	430,000	<700	<700	2,100	130,000	<100,000	<7,000	<700	<700
	02/22/06	22.05	12.69	9.36	<1,500	<70,000	800	<700	<700	<700	400,000	<700	<700	1,700	130,000	<70,000	<7,000	<700	<700
	05/16/06	22.05	12.01	10.04	1,100	<70,000	<700	<700	<700	<700	250,000	<700	<700	940	140,000	<70,000	<7,000	<700	<700
	08/23/06	21.98	11.33	10.65	660	<40,000	<400	<400	<400	<400	200,000	<400	<400	830	170,000	<40,000	<4,000	<400	<400
	11/13/06	21.98	13.64	8.34	--	<40,000	<400	<400	<400	<400	140,000	<400	<400	490	170,000	--	--	--	--
	02/13/07	21.98	12.78	9.20	780	<20,000	250	<200	<200	<200	100,000	<200	<200	240	130,000	--	--	--	--
	05/15/07	21.98	13.17	8.81	800	<7,000	150	<70	<70	<70	44,000	<70	<70	120	130,000	--	--	--	--
	08/15/07	21.98	13.48	8.50	610	<5,000	100	<50	<50	<50	21,000	<50	<50	<80	100,000	--	--	--	--
	11/13/07	21.98	14.11	7.87	480	<4,000	140	<40	<40	<40	10,000	<40	<40	<40	100,000	--	--	--	--
	02/19/08	21.98	14.02	7.96	2,600	1,400	88	0.96	4.4	4.4	5,000	<0.50	4.6	14	76,000	--	--	--	--
	06/25/08	21.98	14.63	7.35	340	<4,000	<40	<40	<40	<40	1,300	<40	<40	<40	98,000	--	--	--	--
	09/17/08	21.98	14.76	7.22	370	410	7.5	<0.50	1.8	2.7	1,200	<0.50	4.9	2.3	120,000	--	--	--	--
	12/08/08	28.54	15.90	12.64	<2,000	6,400	940	5.7	390	140	12,000	<0.50	9.7	200	130,000	--	--	--	--
	07/01/09	28.54	14.00	14.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	28.54	10.70	17.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	28.54	9.53	19.01	120	<2,000[1]	22	<10[1]	<10[1]	<10[1]	170	<20[1]	<20[1]	<20[1]	18,000	--	--	--	--
	07/13/11	28.54	8.45	20.09	93	<1,000[1]	<5.0[1]	<5.0[1]	<5.0[1]	<5.0[1]	59	<10[1]	<10[1]	<10[1]	9,900	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
MW-3	10/03/00	18.98	--	--	120	83,000	<500	<500	<500	<500	33,000	<2,500	<2,500	<2,500	<10,000	--	--	--	--
	10/27/00	18.98	18.75	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/26/01	18.98	13.38	5.60	900	230,000	930	<500	<500	<500	330,000	<25,000	<25,000	<25,000	<100,000	--	--	--	--
	05/08/01	18.98	11.82	7.16	1,100	95,000	840	<250	<250	<250	390,000	<12,500	<12,500	<12,500	<50,000	--	--	--	--
	08/03/01	18.98	13.44	5.54	290	30,000	<50	51	<50	<50	270,000	<12,500	<12,500	<12,500	<50,000	--	--	--	--
	07/01/03	18.98	12.67	6.31	620	<50,000	<500	<500	<500	<500	230,000	<500	<500	1,800	<5,000	--	--	--	--
	10/01/03	18.98	14.04	4.94	370	<20,000	<200	<200	<200	<200	120,000	<200	<200	1,200	<5,000	--	--	--	--
	02/13/04	18.98	12.20	6.78	430	<20,000	280	<200	<200	<200	210,000	<200	<200	1,200	<5,000	--	--	--	--
	05/17/04	18.98	11.87	7.11	920	<25,000	<250	<250	<250	<250	150,000	<250	<250	1,100	5,600	--	--	--	--
	08/06/04	18.98	13.07	5.91	78	<20,000	<200	<200	<200	<200	110,000	<200	<200	760	<2,500	--	--	--	--
	11/12/04	18.98	12.83	6.15	120	<20,000	<200	<200	<200	<200	100,000	<200	<200	660	6,000	--	--	--	--
	02/15/05	18.98	11.95	7.03	130	<25,000	<250	<250	<250	<250	110,000	<250	<250	760	12,000	--	--	--	--
	05/09/05	18.98	10.51	8.47	320	<15,000	<150	<150	<150	<150	97,000	<150	<150	780	30,000	--	--	--	--
	08/08/05	20.73	10.98	9.75	180	<15,000	<150	<150	<150	<150	75,000	<150	<150	500	44,000	--	--	--	--
	11/16/05	20.73	12.89	7.84	<200	<5,000	<50	<50	<50	<50	37,000	<50	<50	190	38,000	<5,000	<500	<50	<50
	02/22/06	20.73	10.31	10.42	<600	<5,000	88	<50	<50	<50	57,000	<50	<50	420	65,000	<9,000	<500	<50	<50
	05/16/06	20.73	9.03	11.70	<600	<9,000	110	<90	<90	<90	42,000	<90	<90	340	68,000	<9,000	<900	<90	<90
	08/23/06	20.68	10.81	9.87	<200	<4,000	<40	<40	<40	<40	18,000	<40	<40	120	60,000	<4,000	<400	<40	<40
	11/13/06	20.68	12.29	8.39	--	<2,000	<20	<20	<20	<20	6,100	<20	<20	30	54,000	--	--	--	--
	02/13/07	20.68	11.23	9.45	<200	<4,000	52	<40	<40	<40	13,000	<40	<40	82	65,000	--	--	--	--
	05/15/07	20.68	10.39	10.29	<300	<4,000	67	<40	<40	<40	12,000	<40	<40	77	71,000	--	--	--	--
	08/15/07	20.68	11.81	8.87	<200	<4,000	42	<40	<40	<40	4,500	<40	<40	<40	64,000	--	--	--	--
	11/13/07	20.68	12.26	8.42	<100	<2,000	27	<20	<20	<20	3,300	25	<20	<20	49,000	--	--	--	--
	02/19/08	20.68	10.72	9.96	<300	<2,000	64	<20	<20	<20	3,500	<20	<20	31	52,000	--	--	--	--
	06/25/08	20.68	11.30	9.38	140	<2,000	<20	<20	<20	<20	1,100	<20	<20	<20	54,000	--	--	--	--
	09/17/08	20.68	12.82	7.86	110	<900	<9.0	<9.0	<9.0	<9.0	1,000	19	<9.0	<9.0	29,000	--	--	--	--
	12/08/08	27.24	12.91	14.33	94	<900	<9.0	<9.0	<9.0	<9.0	640	16	<9.0	<9.0	24,000	--	--	--	--
	07/01/09	27.24	11.71	15.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	27.24	12.80	14.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	27.24	11.28	15.96	52	<2,000[1]	<10[1]	<10[1]	<10[1]	<10[1]	700	22	<20[1]	<20[1]	22,000	--	--	--	--
	07/14/11	27.24	10.77	16.47	260[5,2]	<1,000[1]	<5.0[1]	<5.0[1]	<5.0[1]	<5.0[1]	690	14	<10[1]	<10[1]	16,000	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
MW-4	02/22/06	21.63	7.87	13.76	<8,000	<150,000	3,200	2,000	1,600	3,800	770,000	<1,500	<1,500	3,300	59,000	<150,000	<15,000	<1,500	<1,500
	05/16/06	21.63	8.04	13.59	3,800	<70,000	2,100	<700	930	1,500	410,000	<700	<700	2,500	110,000	<70,000	<7,000	<700	<700
	08/23/06	21.53	9.77	11.76	8,400	89,000	4,500	<700	2,100	2,800	870,000	<700	<700	4,000	89,000	<70,000	<7,000	<700	<700
	11/13/06	21.53	8.78	12.75	--	<150,000	3,700	<1,500	<1,500	2,400	950,000	<1,500	<1,500	4,000	110,000	--	--	--	--
	02/13/07	21.53	7.56	13.97	2,000	<150,000	2,000	<1,500	<1,500	<1,500	640,000	<1,500	<1,500	2,900	130,000	--	--	--	--
	05/15/07	21.53	7.97	13.56	1,900	<70,0000	3,200	<700	1,000	940	430,000	<700	<700	2,300	160,000	--	--	--	--
	08/15/07	21.53	9.03	12.50	4,400	<150,000	2,400	<1,500	<1,500	<1,500	630,000	<1,500	<1,500	4,300	130,000	--	--	--	--
	11/13/07	21.53	8.52	13.01	2,200	<70,000	4,900	<700	1,000	<700	620,000	<700	<700	3,600	150,000	--	--	--	--
	02/19/08	21.53	7.51	14.02	3,200	<70,000	3,900	<700	1,400	<1,500	350,000	<700	<700	2,100	130,000	<70,000	<7,000	--	--
	06/25/08	21.53	8.10	13.43	13,000	<70,000	4,000	<700	<700	<700	360,000	<700	<700	2,300	330,000	--	--	--	--
	09/17/08	21.53	9.66	11.87	7,600	<40,000	3,500	<400	<400	<400	220,000	<400	<400	1,400	490,000	--	--	--	--
	12/08/08	28.09	8.90	19.19	14,000	69,000	3,600	1,400	2,400	10,000	360,000	<150	<150	2,000	660,000	--	--	--	--
	07/01/09	28.09	8.64	19.45	4,600	<50,000	5,000	<500	2,200	6,600	400,000	<500	<500	3,400	240,000	--	--	--	--
	01/07/10	28.09	10.07	18.02	3,200	<9,000	510	<90	330	1,100	34,000	<90	<90	180	290,000	--	--	--	--
	07/21/10	28.09	8.54	19.55	19,000[4]	100,000	980	<100[1]	1,800	5,510	13,000	<200[1]	<200[1]	<200[1]	280,000	--	--	--	--
	07/13/11	28.09	7.98	20.11	1,700	<20,000[1]	190	<100[1]	370	1,200[1]	1,700	<200[1]	<200[1]	<200[1]	160,000	--	--	--	--
MW-5	02/22/06	20.48	6.63	13.85	<3,000	<10,000	460	<100	170	<100	480,000	<100	<100	3,000	95,000	<90,000	<1,000	<100	<100
	05/16/06	20.48	6.62	13.86	1,600	<90,000	<900	<900	<900	<900	480,000	<900	<900	2,300	130,000	<90,00	<9,000	<900	<900
	08/23/06	20.41	7.62	12.79	1,400	<90,000	<900	<900	<900	<900	510,000	<900	<900	2,400	270,000	<90,000	<9,000	<900	<900
	11/13/06	20.41	7.31	13.10	--	<90,000	<900	<900	<900	<900	430,000	<900	<900	2,200	350,000	--	--	--	--
	02/13/07	20.41	6.54	13.87	1,000	<50,000	<500	<500	<500	<500	260,000	<500	<500	740	350,000	--	--	--	--
	05/15/07	20.41	6.79	13.62	2,200	<15,000	650	<150	<150	<150	73,000	<150	<150	610	240,000	--	--	--	--
	08/15/07	20.41	7.99	12.42	950	<25,000	<250	<250	<250	<250	130,000	<250	<250	550	620,000	--	--	--	--
	11/13/07	20.41	7.51	12.90	800	<15,000	<150	<150	<150	<150	92,000	<150	<150	250	300,000	--	--	--	--
	02/19/08	20.41	8.41	12.00	3,400	<15,000	160	<150	<150	<150	38,000	<150	<150	<150	480,000	--	--	--	--
	06/25/08	20.41	9.00	11.41	850	<15,000	<150	<150	<150	<150	33,000	<150	<150	<150	520,000	--	--	--	--
	09/17/08	20.41	8.35	12.06	900	<15,000	<150	<150	<150	<150	22,000	<150	<150	<150	520,000	--	--	--	--
	12/08/08	26.97	7.41	19.56	1,600	<9,000	<90	<90	<90	<90	23,000	<90	<90	<90	500,000	--	--	--	--
	07/01/09	26.97	7.14	19.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	26.97	9.13	17.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	26.97	7.46	19.51	140	<50,000[1]	<250[1]	<250[1]	<250[1]	<250[1]	2,000	<500[1]	<500[1]	<500[1]	440,000	--	--	--	--
	07/14/11	26.97	6.87	20.10	190	<20,000[1]	<100[1]	<100[1]	<100[1]	<100[1]	350	<200[1]	<200[1]	<200[1]	330,000	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
MW-6	02/22/06	20.45	9.88	10.57	2,900	<10,000	620	<100	<100	<100	50,000	<100	<100	210	24,000	<10,000	<1,000	<100	<100
	05/16/06	20.45	9.35	11.10	3,200	<9,000	1,500	<90	<90	<90	50,000	<90	<90	280	27,000	<10,000	<900	<90	<90
	08/23/06	20.47	10.48	9.99	3,400	<9,000	1,600	<90	<90	<90	39,000	<90	<90	190	55,000	<9,000	<900	<90	<90
	11/13/06	20.47	10.86	9.61	--	<5,000	1,200	<50	<50	<50	17,000	<50	<50	66	71,000	--	--	--	--
	02/13/07	20.47	10.31	10.16	2,400	4,900	1,800	<25	<25	<25	14,000	<25	<25	65	55,000	--	--	--	--
	05/15/07	20.47	10.35	10.12	2,600	4,900	1,900	21	<20	<20	12,000	<20	<20	55	60,000	--	--	--	--
	08/15/07	20.47	10.74	9.73	2,900	4,000	1,300	<20	<20	<20	7,000	<20	<20	32	69,000	--	--	--	--
	11/13/07	20.47	10.91	9.56	2,400	5,400	2,000	<20	<20	<20	3,300	<20	<20	<20	63,000	--	--	--	--
	02/19/08	20.47	9.82	10.65	2,300	2,000	660	6.7	<1.5	4.6	280	<1.5	<1.5	2	4,500	--	--	--	--
	06/25/08	20.47	10.43	10.04	2,500	2,700	880	<20	<20	<20	1,400	<20	<20	<20	74,000	--	--	--	--
	09/17/08	20.47	11.76	8.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	27.03	11.08	15.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/01/09	27.03	10.85	16.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	27.03	12.48	14.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	27.03	11.41	15.62	650[4]	4,700	1,400	<20[1]	<20[1]	<20[1]	500	<40[1]	<40[1]	<40[1]	50,000	--	--	--	--
	07/14/11	27.03	10.98	16.05	770	2,300	930	11	<10[1]	<10[1]	270	<20[1]	<20[1]	<20[1]	29,000	--	--	--	--
MW-7	02/22/06	21.13	11.72	9.41	400	<10,000	<100	<100	<100	<100	88,000	<100	<100	430	90,000	<10,000	<1,000	<100	<100
	05/16/06	21.13	8.72	12.41	340	<5,000	<50	<50	<50	<50	28,000	<50	<50	120	47,000	<5,000	<500	<50	<50
	08/23/06	21.14	11.34	9.80	280	<9,000	<90	<90	<90	<90	62,000	<90	<90	280	160,000	<18,000	<900	<90	<90
	11/13/06	21.14	12.53	8.61	--	<9,000	<90	<90	<90	<90	49,000	<90	<90	280	130,000	--	--	--	--
	02/13/07	21.14	11.83	9.31	210	<7,000	<70	<70	<70	<70	33,000	<70	<70	170	130,000	--	--	--	--
	05/15/07	21.14	10.99	10.15	250	<5,000	<50	<50	<50	<50	36,000	<50	<50	190	140,000	--	--	--	--
	08/15/07	21.14	12.41	8.73	390	<9,000	<90	<90	<90	<90	37,000	<90	<90	170	160,000	--	--	--	--
	11/13/07	21.14	13.41	7.73	310	<9,000	<90	<90	<90	<90	45,000	<90	<90	220	150,000	--	--	--	--
	02/19/08	21.14	9.51	11.63	190	<500	<5	<5	<5	<5	3,000	<5	<5	15	13,000	--	--	--	--
	06/25/08	21.14	10.03	11.11	240	<4,000	<40	<40	<40	<40	21,000	<40	<40	99	100,000	--	--	--	--
	09/17/08	21.14	13.68	7.46	230	<9,000	<90	<90	<90	<90	34,000	<90	<90	180	70,000	--	--	--	--
	12/08/08	27.70	14.13	13.57	180	<15,000	<150	<150	<150	<150	98,000	<150	<150	740	100,000	--	--	--	--
	07/01/09	27.70	12.00	15.70	350	<4,000	<40	<40	<40	<40	19,000	<40	<40	100	70,000	--	--	--	--
	01/07/10	27.70	16.15	11.55	230	<400	<4.0	<4.0	<4.0	<4.0	3,600	<4.0	<4.0	7.8	9,000	--	--	--	--
	07/21/10	27.70	10.75	16.95	92	9,300	<20[1]	<20[1]	<20[1]	<20[1]	11,000	<40[1]	<40[1]	<40[1]	35,000	--	--	--	--
	07/13/11	27.70	9.62	18.08	52	2,400	<10[1]	<10[1]	<10[1]	<10[1]	5,400	<20[1]	<20[1]	<20[1]	33,000	--	--	--	--

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GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
MW-8	02/22/06	21.03	7.28	13.75	6,800	<10,000	1,200	<100	270	220	400,000	<100	<100	2,100	63,000	<300,000	<1,000	<100	<100
	05/16/06	21.03	7.48	13.55	3,800	<90,000	1,600	<900	<900	<900	620,000	<900	<900	3,000	46,000	<90,000	<9,000	<900	<900
	08/23/06	20.95	8.19	12.76	17,000	<90,000	940	<900	<900	<900	340,000	<900	<900	1,200	74,000	<90,000	<9,000	<900	<900
	11/13/06	20.95	8.15	12.80	--	<25,000	490	<250	<250	<250	120,000	<250	<250	360	130,000	--	--	--	--
	02/13/07	20.95	6.58	14.37	4,100	<90,000	1,700	<900	<900	<900	410,000	<900	<900	1,700	160,000	--	--	--	--
	05/15/07	20.95	7.24	13.71	3,300	<50,000	650	<500	<500	<500	190,000	<500	<500	750	170,000	--	--	--	--
	08/15/07	20.95	8.61	12.34	4,400	<25,000	420	<250	<250	<250	150,000	<250	<250	460	210,000	--	--	--	--
	11/13/07	20.95	8.21	12.74	89,000	<25,000	<250	<250	<250	<250	120,000	<250	<250	<250	250,000	--	--	--	--
	02/19/08	20.95	7.01	13.94	120,000	<10,000	650	<100	<100	160	56,000	<100	<100	210	260,000	--	--	--	--
	06/25/08	20.95	7.59	13.36	3,200	<15,000	210	<150	<150	<150	70,000	<150	<150	190	320,000	--	--	--	--
	09/17/08	20.95	9.24	11.71	8,300	<25,000	<250	<250	37,000	<250	100,000	<250	<250	<250	450,000	--	--	--	--
	12/08/08	27.51	8.62	18.89	<2,000,000	1,700,000	2,300	<250	<250	67,000	91,000	<250	<250	1,500	410,000	--	--	--	--
	07/01/09	27.51	8.42	19.09	4,100	<25,000	600	<250	<250	<250	220,000	<250	<250	610	350,000	--	--	--	--
	01/07/10	27.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	27.51	8.52	18.99	2,200[2]	12,000	230	<50[1]	<50[1]	<50[1]	10,000	<100[1]	<100[1]	<100[1]	170,000	--	--	--	--
	07/14/11	27.51	7.75	19.76	1,900[2]	<10,000[1]	120	<50[1]	<50[1]	<50[1]	2,900	<100[1]	<100[1]	<100[1]	110,000	--	--	--	--
MW-9	12/08/08	25.35	6.96	18.39	<800	1,200	4.2	<2.5	13	9.4	1,300	<2.5	<2.5	10	240	<300	<25	<2.5	<2.5
	07/01/09	25.35	7.40	17.95	360	1,400	7.9	1.4	0.86	5.1	400	<0.50	<0.50	3.6	24	--	--	--	--
	01/07/10	25.35	6.81	18.54	<50	120	0.52	<0.50	<0.50	<0.50	53	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	07/21/10	25.35	7.28	18.07	68[3]	4,500	20	4.8	16	8.1[1]	890	<3.0[1]	<3.0[1]	6.6	120	--	--	--	--
	07/13/11	Well not Sampled - Inaccessible																	
MW-10	12/08/08	25.23	8.20	17.03	<2,000	8,000	560	41	35	150	500	5.1	<1.0	<1.0	13	<200	<10	78	<1.0
	07/01/09	25.23	8.20	17.03	920	7,200	370	41	150	200	410	3.1	<0.90	<0.90	8.4	--	--	--	--
	01/07/10	25.23	7.36	17.87	<500	5,400	270	21	94	110	440	3.0	<0.90	<0.90	10	--	--	--	--
	07/21/10	25.23	8.47	16.76	190[3]	12,000	380	29	390	193	500	<10[1]	<10[1]	<10[1]	<100[1]	--	--	--	--
	07/13/11	25.23	7.75	17.48	210[3]	11,000	390	28	430	168	950	<10[1]	<10[1]	<10[1]	2,700	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
IS-1	02/22/06	20.57	6.91	13.66	4,400	<5,000	160	<50	<50	<50	21,000	<50	<50	64	130,000	<5,000	<500	<50	<50
	05/16/06	20.57	7.01	13.56	3,800	<5,000	150	<50	<50	<50	24,000	<50	<50	58	130,000	<5,000	<500	<50	<50
	08/23/06	20.58	7.82	12.76	3,800	<5,000	65	<50	<50	<50	5,800	<50	<50	<50	110,000	<5,000	<500	<50	<50
	11/13/06	20.58	8.21	12.37	--	<5,000	<50	<50	<50	<50	1,000	<50	<50	<50	100,000	--	--	--	--
	02/13/07	20.58	6.14	14.44	1,800	<4,000	<40	<40	<40	<40	3,600	<40	<40	<40	110,000	--	--	--	--
	05/15/07	20.58	7.04	13.54	2,000	<4,000	49	<40	<40	<40	2,800	<40	<40	<40	98,000	--	--	--	--
	08/15/07	20.58	8.06	12.52	2,700	<4,000	<40	<40	<40	<40	4,200	<40	<40	<40	90,000	--	--	--	--
	11/13/07	20.58	7.61	12.97	1,400	<700	<7.0	<7.0	<7.0	<7.0	470	<7.0	<7.0	<7.0	25,000	--	--	--	--
	02/19/08	20.58	6.42	14.16	1,800	410	2	<0.50	<0.50	<0.50	1,000	<0.50	1.8	2.7	80,000	--	--	--	--
	06/25/08	20.58	7.04	13.54	2,500	<4,000	<40	<40	<40	<40	3,300	<40	<40	<40	94,000	--	--	--	--
	09/17/08	20.58	8.85	11.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	27.14	7.81	19.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/01/09	27.14	7.62	19.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	27.14	8.84	18.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	27.14	7.55	19.59	570[2]	<2,000[1]	<10[1]	<10[1]	<10[1]	<10[1]	120	<20[1]	<20[1]	<20[1]	22,000	--	--	--	--
	07/14/11	27.14	7.05	20.09	600	<2,000[1]	<10[1]	<10[1]	<10[1]	<10[1]	63	<20[1]	<20[1]	<20[1]	19,000	--	--	--	--
IS-2	02/22/06	20.87	6.92	13.95	<4,000	8,600	1,200	<9.0	240	17	190,000	<9.0	9	1,700	29,000	<150,000	<90	<9.0	<9.0
	05/16/06	20.87	6.99	13.88	<3,000	<15,000	500	<150	<150	<150	130,000	<150	<150	880	24,000	<15,000	<1,500	<150	<150
	08/23/06	20.78	7.91	12.87	2,700	<40,000	490	<400	<400	<400	150,000	<400	<400	1,200	39,000	<40,000	<4,000	<400	<400
	11/13/06	20.78	8.23	12.55	--	<40,000	<400	<400	<400	<400	160,000	<400	<400	990	120,000	--	--	--	--
	02/13/07	20.78	6.76	14.02	<1,500	<5,000	230	<50	<50	<50	28,000	<50	<50	250	72,000	--	--	--	--
	05/15/07	20.78	6.87	13.91	<3,000	<7,000	690	<70	120	<70	35,000	<70	<70	370	32,000	--	--	--	--
	08/15/07	20.78	8.08	12.70	<3,000	<7,000	500	<70	<70	<70	20,000	<70	<70	160	160,000	--	--	--	--
	11/13/07	20.78	7.69	13.09	<4,000	15,000	1,100	<70	240	<70	29,000	<70	<70	380	25,000	--	--	--	--
	02/19/08	20.78	6.63	14.15	<3,000	5,300	550	5	32	7.6	7,400	<0.50	3.2	94	65,000	--	--	--	--
	06/25/08	20.78	7.21	13.57	4,300	5,500	440	<40	<40	<40	3,100	<40	<40	<40	110,000	--	--	--	--
	09/17/08	20.78	8.67	12.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	27.34	8.02	19.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/01/09	27.34	7.85	19.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	27.34	8.76	18.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	27.34	7.85	19.49	1,100	<5,000[1]	<25[1]	<25[1]	<25[1]	<25[1]	120	<50[1]	<50[1]	<50[1]	79,000	--	--	--	--
	07/14/11	27.34	7.46	19.88	440	3,700	180	<15[1]	<15[1]	<15[1]	210	<30[1]	<30[1]	<30[1]	38,000	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
IS-3	02/22/06	20.99	7.32	13.67	<4,000	29,000	2,700	820	1,100	2,900	750,000	<100	<100	3,400	40,000	<80,000	<1,000	<100	<100
	05/16/06	20.99	7.86	13.13	8,000	<20,000	1,110	<200	450	<200	300,000	<200	<200	1,600	65,000	<20,000	<2,000	<200	<200
	08/23/06	20.87	8.19	12.68	4,800	<50,000	2,900	<500	1,100	660	970,000	<500	<500	3,900	54,000	<50,000	<5,000	<500	<500
	11/13/06	20.87	8.03	12.84	--	<200,000	2,800	<2,000	<2,000	<2,000	1,100,000	<2,000	<2,000	4,500	65,000	--	--	--	--
	02/13/07	20.87	7.03	13.84	<3,000	<150,000	3,200	<1,500	<1,500	<1,500	600,000	<1,500	<1,500	3,300	49,000	--	--	--	--
	05/15/07	20.87	7.17	13.70	<4,000	<150,000	2,900	<1,500	<1,500	<1,500	630,000	<1,500	<1,500	3,400	88,000	--	--	--	--
	08/15/07	20.87	8.43	12.44	<3,000	<150,000	2,800	<1,500	<1,500	<1,500	960,000	<1,500	<1,500	4,300	98,000	--	--	--	--
	11/13/07	20.87	7.93	12.94	1,900	<150,000	2,600	<1,500	<1,500	<1,500	880,000	2,000	<1,500	3,600	130,000	--	--	--	--
	02/19/08	20.87	6.01	14.86	1,200	2,700	660	4.8	160	<150	32,000	0.63	1.8	200	3,600	--	--	--	--
	06/25/08	20.87	6.59	14.28	3,500	<150,000	3,600	<1,500	<1,500	<1,500	840,000	<1,500	<1,500	4,000	200,000	--	--	--	--
	09/17/08	20.87	9.12	11.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	27.43	8.64	18.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/01/09	27.43	8.43	19.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	27.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	27.43	8.77	18.66	1,100[3]	69,000	620	<100[1]	510	650[1]	74,000	<200[1]	<200[1]	240	240,000	--	--	--	--
	07/14/11	27.43	7.85	19.58	1,300	<20,000[1]	570	<100[1]	170	390	6,000	<200[1]	<200[1]	<200[1]	160,000	--	--	--	--
IS-4	02/22/06	20.79	6.95	13.84	3,100	11,000	790	<100	120	<100	280,000	<100	<100	2,400	51,000	<10,000	<1,000	<100	<100
	05/16/06	20.79	7.17	13.62	5,600	<15,000	610	<150	<150	<150	220,000	<150	<150	1,700	53,000	<15,000	<1,500	<150	<150
	08/23/06	20.68	7.83	12.85	4,300	6,100	280	<40	<40	<40	270,000	<40	<40	1,600	100,000	<80,000	<400	<40	<40
	11/13/06	20.68	8.46	12.22	--	<50,000	<500	<500	<500	<500	230,000	<500	<500	1,100	220,000	--	--	--	--
	02/13/07	20.68	9.02	11.66	1,500	<25,000	380	<250	<250	<250	160,000	<250	<250	570	250,000	--	--	--	--
	05/15/07	20.68	6.99	13.69	1,700	<25,000	<250	<250	<250	<250	150,000	<250	<250	820	260,000	--	--	--	--
	08/15/07	20.68	8.05	12.63	1,000	<15,000	<150	<150	<150	<150	85,000	<150	<150	360	280,000	--	--	--	--
	11/13/07	20.68	6.38	14.30	760	<9,000	<90	<90	<90	<90	45,000	<90	<90	220	110,000	--	--	--	--
	02/19/08	20.68	6.11	14.57	1,100	980	39	0.94	3.1	1.2	870	<0.50	3.4	7.6	42,000	--	--	--	--
	06/25/08	20.68	6.70	13.98	4,000	<9,000	<90	<90	<90	<90	6,300	<90	<90	<90	300,000	--	--	--	--
	09/17/08	20.68	8.59	12.09	<1,500	2,600	14	0.96	2.6	1.9	3,100	<1.0	9.1	8.4	280,000	--	--	--	--
	12/08/08	27.24	7.94	19.30	4,000	20,000	1,100	360	710	3,000	110,000	1.1	20	630	540,000	--	--	--	--
	07/01/09	27.24	7.79	19.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	27.24	9.00	18.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	27.24	7.74	19.50	340[3]	<10,000[1]	<50[1]	<50[1]	<50[1]	<50[1]	850	<100[1]	<100[1]	<100[1]	140,000	--	--	--	--
	07/14/11	27.24	7.56	19.68	510	4,500	81	<10[1]	<10[1]	<10[1]	60	<20[1]	<20[1]	<20[1]	39,000	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
IS-5	02/22/06	21.02	7.17	13.85	35,000	66,000	4,100	<250	3,100	7,700	420,000	<250	<250	4,600	40,000	<25,000	<2,500	<250	<250
	05/16/06	21.02	6.81	14.21	11,000	33,000	2,800	<200	1,700	1,900	350,000	<200	<200	3,400	29,000	<20,000	<2,000	<200	<200
	08/23/06	20.91	8.12	12.79	11,000	71,000	5,200	<500	6,200	4,500	350,000	<500	<500	3,900	32,000	<50,000	<5,000	<500	<500
	11/13/06	20.91	8.41	12.50	--	<50,000	930	<500	<500	<500	440,000	<500	<500	2,800	89,000	--	--	--	--
	02/13/07	20.91	6.78	14.13	<5,000	<50,000	3,600	<500	2,200	3,800	240,000	<500	<500	3,600	28,000	--	--	--	--
	05/15/07	20.91	7.15	13.76	<5,000	<50,000	4,500	<500	<500	<500	200,000	<500	<500	2,700	24,000	--	--	--	--
	08/15/07	20.91	8.32	12.59	<10,000	<50,000	4,300	<500	2,100	990	310,000	<500	<500	3,400	48,000	--	--	--	--
	11/13/07	20.91	7.71	13.20	<5,000	<50,000	2,100	<500	1,900	3,600	260,000	<500	<500	2,600	5,500	--	--	--	--
	02/19/08	20.91	7.35	13.56	<18,000	73,000	5,200	67	2,800	5,300	110,000	1.9	8.3	2,500	250,000	--	--	--	--
	06/25/08	20.91	7.93	12.98	27,000	<50,000	3,400	<500	740	1,300	180,000	<500	<500	2,600	94,000	--	--	--	--
	09/17/08	20.91	8.96	11.95	10,000,000	680,000	2,400	50	18,000	27,000	190,000	<10	13	2,200	240,000	--	--	--	--
	12/08/08	27.47	8.38	19.09	140,000	47,000	2,900	44	4,000	7,100	89,000	1.3	14	1,600	230,000	--	--	--	--
	07/01/09	27.47	8.05	19.42	7,200	50,000	4,400	<250	2,800	3,200	150,000	<250	<250	2,600	150,000	--	--	--	--
	01/07/10	27.47	9.95	17.52	<4,000	29,000	2,200	<70	3,200	3,100	8,000	<70	<70	210	140,000	--	--	--	--
	07/21/10	27.47	8.04	19.43	51,000	390,000	1,500	<100[1]	14,000	13,000[1]	12,000	<200[1]	<200[1]	220	160,000	--	--	--	--
	07/14/11	27.47	7.39	20.08	4,400	24,000	650	<50[1]	1,300	1,800	840	<100[1]	<100[1]	<100[1]	110,000	--	--	--	--
IS-6	02/22/06	20.56	6.89	13.67	3,000	11,000	1,000	<100	560	180	130,000	<100	<100	1,400	210,000	<15,000	<1,000	<100	<100
	05/16/06	20.56	6.44	14.12	3,300	<20,000	1,300	<200	730	<200	96,000	<200	<200	1,300	260,000	<25,000	<2,500	<200	<200
	08/23/06	20.47	7.69	12.78	2,900	<20,000	580	<200	<200	<200	54,000	<200	<200	500	370,000	<20,000	<2,000	<200	<200
	11/13/06	20.47	7.72	12.75	--	<9,000	220	<90	<90	<90	20,000	<90	<90	170	260,000	--	--	--	--
	02/13/07	20.47	6.12	14.35	1,600	<9,000	360	<90	<90	<90	28,000	<90	<90	210	310,000	--	--	--	--
	05/15/07	20.47	6.67	13.80	1,700	9,100	1,400	<70	300	<70	21,000	<70	<70	240	240,000	--	--	--	--
	08/15/07	20.47	7.91	12.56	1,700	<9,000	560	<90	<90	<90	8,000	<90	<90	100	220,000	--	--	--	--
	11/13/07	20.47	7.22	13.25	880	<5,000	200	<50	<50	<50	3,700	<50	<50	220	190,000	--	--	--	--
	02/19/08	20.47	6.49	13.98	1,200	3,500	360	2.3	41	1.6	6,100	0.66	8.6	55	220,000	--	--	--	--
	06/25/08	20.47	7.07	13.40	1,900	<7,000	200	<70	<70	<70	1,600	<70	<70	<90	250,000	--	--	--	--
	09/17/08	20.47	8.37	12.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	27.03	7.75	19.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/01/09	27.03	7.55	19.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	27.03	8.91	18.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	27.03	7.55	19.48	730	<10,000[1]	<50[1]	<50[1]	<50[1]	<50[1]	440	<100[1]	<100[1]	<100[1]	83,000	--	--	--	--
	07/14/11	27.03	6.95	20.08	260	<2,000[1]	100	<10[1]	<10[1]	<10[1]	240	<20[1]	<20[1]	<20[1]	40,000	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
EW-1	02/22/06	21.74	8.06	13.68	3,200	<150,000	3,100	<1,500	<1,500	<1,500	700,000	<1,500	<1,500	5,100	59,000	<150,000	<15,000	<1,500	<1,500
	05/16/06	21.74	7.97	13.77	1,600	<100,000	2,000	<1,000	<1,000	<1,000	630,000	<1,000	<1,000	4,700	57,000	<100,000	<10,000	<1,000	<1,000
	08/23/06	21.65	9.61	12.04	2,600	<150,000	2,200	<1,500	<1,500	<1,500	1,000,000	<1,500	<1,500	5,200	79,000	<150,000	<15,000	<1,500	<1,500
	11/13/06	21.65	8.78	12.87	--	<100,000	<1,000	<1,000	<1,000	<1,000	610,000	<1,000	<1,000	4,000	110,000	--	--	--	--
	02/13/07	21.65	6.31	15.34	840	<70,000	1,200	<700	<700	<700	530,000	<700	<700	2,500	100,000	--	--	--	--
	05/15/07	21.65	8.13	13.52	1,500	<70,000	1,700	<700	<700	<700	990,000	<700	<700	3,900	150,000	--	--	--	--
	08/15/07	21.65	8.71	12.94	1,400	<80,000	1,900	<800	<800	<800	680,000	<800	<800	3,400	210,000	--	--	--	--
	11/13/07	21.65	8.70	12.95	860	<70,000	<700	<700	<700	<700	440,000	<700	<700	1,700	280,000	--	--	--	--
	02/19/08	21.65	7.71	13.94	800	<25,000	340	1.5	<250	<250	300,000	<5.0	26	1,200	340,000	--	--	--	--
	06/25/08	21.65	8.30	13.35	1,200	<40,000	580	<400	<400	<400	260,000	<400	<400	1,100	450,000	--	--	--	--
	09/17/08	21.65	9.82	11.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	28.21	9.09	19.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/01/09	28.21	8.84	19.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	28.21	10.02	18.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	28.21	9.41	18.80	7,000[4]	<20,000[1]	<100[1]	<100[1]	<100[1]	<100[1]	1,500	<200[1]	<200[1]	<200[1]	130,000	--	--	--	--
	07/13/11	28.21	8.10	20.11	2,300[4]	<5,000[1]	110	<25[1]	35	<25[1]	460	<50[1]	<50[1]	<50[1]	88,000	--	--	--	--
EW-2	02/22/06	20.46	7.31	13.15	<3,000	10,000	1,800	<100	700	670	120,000	<100	<100	1,200	36,000	<80,000	<1,000	<100	<100
	05/16/06	20.46	7.25	13.21	<3,000	<25,000	2,400	<250	1,110	880	180,000	<250	<250	1,400	45,000	<25,000	<2,500	<250	<250
	08/23/06	20.37	8.31	12.06	<2,000	<25,000	1,600	<250	520	<250	120,000	<250	<250	930	35,000	<25,000	<2,500	<250	<250
	11/13/06	20.37	8.18	12.19	--	<10,000	610	<100	170	<100	60,000	<100	<100	380	25,000	--	--	--	--
	02/13/07	20.37	7.15	13.22	<2,000	<15,000	1,100	<150	230	<150	81,000	<150	<150	700	49,000	--	--	--	--
	05/15/07	20.37	7.74	12.63	<3,000	9,900	1,700	<50	460	170	96,000	<50	<50	870	65,000	--	--	--	--
	08/15/07	20.37	9.45	10.92	<2,000	<15,000	1,300	<150	250	<150	100,000	<150	<150	700	75,000	--	--	--	--
	11/13/07	20.37	9.64	10.73	<1,500	8,100	820	5.5	190	91	30,000	<0.50	4.6	230	47,000	--	--	--	--
	02/19/08	20.37	7.91	12.46	<2,000	11,000	1,500	<50	610	300	78,000	<50	<50	590	130,000	--	--	--	--
	06/25/08	20.37	8.50	11.87	1,600	<5,000	730	<50	<50	<50	11,000	<50	<50	120	130,000	--	--	--	--
	09/17/08	20.37	10.24	10.13	1,300	<5,000	310	<50	<50	<50	3,500	<50	<50	<50	160,000	--	--	--	--
	12/08/08	26.93	9.15	17.78	<1,500	<5,000	650	<50	210	68	9,600	<50	<50	150	140,000	--	--	--	--
	07/01/09	26.93	9.10	17.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	26.93	9.58	17.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	26.93	7.90	19.03	460[3]	<20,000[1]	140	<100[1]	<100[1]	<100[1]	1,000	<200[1]	<200[1]	<200[1]	110,000	--	--	--	--
	07/13/11	26.93	7.45	19.48	350[3]	<5,000[1]	41	<25[1]	<25[1]	<25[1]	270	<50[1]	<50[1]	<50[1]	78,000	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
DEEP ZONE MONITORING WELLS																			
MW-1D	11/13/07	19.98	15.61	4.37	140	71	<0.50	<0.50	<0.50	<0.50	600	<0.50	<0.50	3.4	550	<50	<5.0	<0.50	<0.50
	11/27/07	19.98	15.52	4.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	19.98	13.81	6.17	180	<50	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	06/25/08	19.98	14.43	5.55	<50	<50	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	09/17/08	19.98	15.77	4.21	<50	<50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	09/22/08	19.98	15.68	4.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	26.54	15.93	10.61	<50	<50	<0.50	<0.50	<0.50	<0.50	0.91	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	07/01/09	26.54	14.65	11.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/17/09	26.54	14.93	11.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	26.54	15.04	11.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	26.54	13.97	12.57	<50	<50	<0.50	<0.50	<0.50	<0.50	0.91	<1.0	<1.0	<1.0	<10	--	--	--	--
	07/14/11	26.54	13.76	12.78	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<10	--	--	--	--
MW-4D	02/22/06	21.54	15.58	5.96	<50	<90	<0.90	<0.90	<0.90	<0.90	440	<0.90	<0.90	1.8	<5.0	<90	<9.0	<0.90	<0.90
	05/16/06	21.54	13.23	8.31	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	<0.50	<0.50
	08/23/06	21.44	15.33	6.11	<50	<50	<0.50	<0.50	<0.50	<0.50	1	<0.50	<0.50	<0.50	<5.0	93	8	<0.50	<0.50
	11/13/06	21.44	16.23	5.21	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	02/13/07	21.44	15.73	5.71	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	05/15/07	21.44	15.38	6.06	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	08/15/07	21.44	16.42	5.02	130	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	11/13/07	21.44	17.21	4.23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	11/27/07	21.44	15.85	5.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	21.44	15.41	6.03	170	<50	<0.50	<0.50	<0.50	<1.0	0.64	<0.50	<0.50	<0.50	<5.0	<50	<5.0	--	--
	06/25/08	21.44	16.01	5.43	<50	<50	<0.50	<0.50	<0.50	<0.50	7.9	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	09/17/08	21.44	17.36	4.08	72	<50	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	09/22/08	21.44	17.23	4.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	28.00	17.56	10.44	<50	<50	<0.50	<0.50	<0.50	<0.50	150	<0.50	<0.50	0.98	74	--	--	--	--
	07/01/09	28.00	16.26	11.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/17/09	28.00	16.53	11.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	28.00	16.68	11.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	28.00	15.55	12.45	<50	<300[1]	<1.5[1]	<1.5[1]	<1.5[1]	<1.5[1]	140	<3.0[1]	<3.0[1]	<3.0[1]	1,700	--	--	--	--
	07/13/11	28.00	15.35	12.65	<50	<50	<0.50	<0.50	<0.50	<0.50	30	<1.0	<1.0	<1.0	16	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

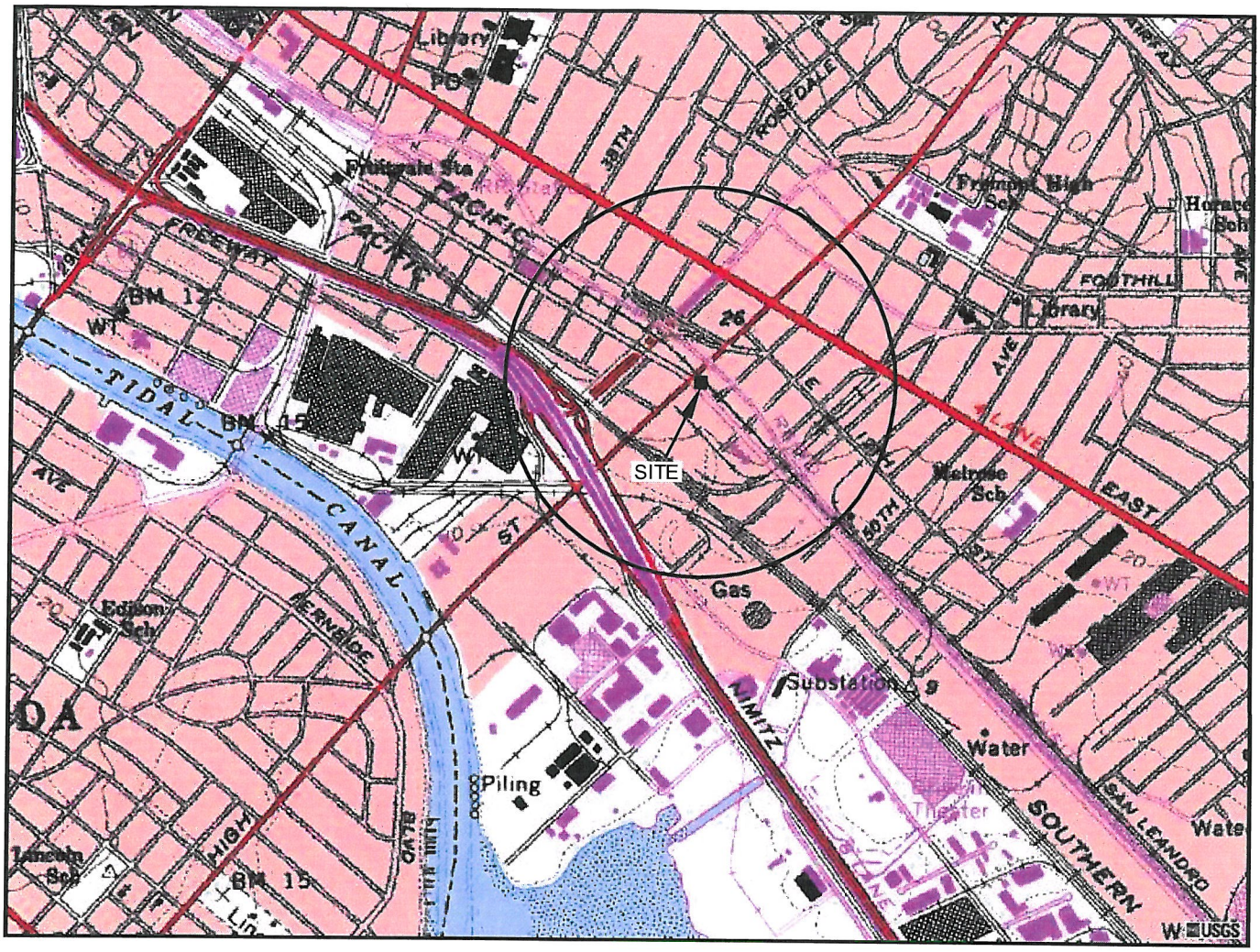
Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
MW-5D	02/22/06	20.32	13.68	6.64	<50	<50	<0.50	<0.50	<0.50	<0.50	8.1	<0.50	<0.50	<0.50	5.5	<50	<5.0	<0.50	<0.50
	05/16/06	20.32	12.72	7.60	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	<0.50	<0.50
	08/23/06	20.22	14.48	5.74	<50	<50	<0.50	<0.50	<0.50	<0.50	56	<0.50	<0.50	<0.50	<5.0	120	6	<0.50	<0.50
	11/13/06	20.22	14.98	5.24	--	<50	<0.50	<0.50	<0.50	<0.50	81	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	02/13/07	20.22	14.48	5.74	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	05/15/07	20.22	14.13	6.09	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	08/15/07	20.22	15.21	5.01	330	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	11/13/07	20.22	15.94	4.28	3,700	51	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	11/27/07	20.22	15.85	4.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	20.22	14.17	6.05	12,000	<50	<0.50	<0.50	<0.50	<0.50	190	<0.50	<0.50	0.83	36	--	--	--	--
	06/25/08	20.22	14.77	5.45	74	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	09/17/08	20.22	6.11	14.11	65	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	09/22/08	20.22	16.00	4.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	26.78	16.33	10.45	<50	<50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	07/01/09	26.78	15.02	11.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/17/09	26.78	15.27	11.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	26.78	15.40	11.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/21/10	26.78	14.32	12.46	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<10	--	--	--	--
	07/13/11	26.78	14.11	12.67	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<10	--	--	--	--
MW-7D	11/13/07	21.36	19.21	2.15	760	<150	<1.5	<1.5	<1.5	<1.5	760	<1.5	<1.5	5.3	<5.0	<150	31	<1.5	<1.5
	11/27/07	21.36	17.02	4.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	21.36	15.78	5.58	280	<150	<1.5	<1.5	<1.5	2.4	1,000	<1.5	<1.5	7.5	17	--	--	--	--
	06/25/08	21.36	16.36	5.00	92	<100	<1.0	<1.0	<1.0	<1.0	690	<1.0	<1.0	5.9	63	--	--	--	--
	09/17/08	21.36	17.24	4.12	52	<300	<3.0	<3.0	<3.0	<3.0	1,300	<3.0	<3.0	10	24	--	--	--	--
	09/22/08	21.36	17.39	3.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/08/08	27.92	17.41	10.51	<50	<50	<0.50	<0.50	<0.50	<0.50	320	<0.50	<0.50	3.2	<5.0	--	--	--	--
	07/01/09	27.92	16.75	11.17	<50	<50	<0.50	<0.50	<0.50	<0.50	24	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	07/17/09	27.92	16.43	11.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	27.92	12.52	15.40	<1,500	4,900	350	10	62	420	61,000	0.71	9.2	360	200,000	--	--	--	--
	07/21/10	27.92	15.49	12.43	<50	<50	<0.50	<0.50	<0.50	<0.50	32	<1.0	<1.0	<1.0	<10	--	--	--	--
	07/13/11	27.92	15.24	12.68	<50	<50	<0.50	<0.50	<0.50	<0.50	8.1	<1.0	<1.0	<1.0	<10	--	--	--	--
MW-9D	12/08/08	25.49	14.98	10.51	150	420	0.6	<0.50	1.7	3.4	1.7	<0.50	<0.50	<0.50	<5.0	<50	<5.0	0.54	<0.50
	07/01/09	25.49	13.71	11.78	<50	440	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	01/07/10	25.49	14.11	11.38	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	07/21/10	25.49	13.11	12.38	<50	320	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<10	--	--	--	--
	07/13/11	25.49	12.82	12.67	<50	230	<0.50	<0.50	<0.50	<0.50	2.2	<1.0	<1.0	<1.0	<10	--	--	--	--

TABLE 1
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
Eagle Gas Station
4301 San Leandro Street, Oakland, California

Well Number	Date	Well Casing Elevation (ft MSL)	Depth to Water (ft)	Groundwater Elevation (ft MSL)	DRO µg/L	GRO µg/L	Benzene µg/L	Toluene µg/L	Ethyl benzene µg/L	Total Xylenes µg/L	MTBE µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L	TBA µg/L	Methanol µg/L	Ethanol µg/L	1,2-DCA µg/L	EDB µg/L
MW-10D	12/08/08	25.29	14.81	10.48	120	120	0.64	<0.50	0.63	1.3	1.5	<0.50	<0.50	<0.50	<5.0	<50	<5.0	0.51	<0.50
	07/01/09	25.29	13.38	11.91	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	01/07/10	25.29	13.90	11.39	<50	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	07/21/10	25.29	12.90	12.39	<50	100	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<10	--	--	--	--
	07/13/11	25.29	12.67	12.62	<50	59	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<10	--	--	--	--
MW-11D	12/08/08	27.23	16.75	10.48	<50	<50	<0.50	<0.50	<0.50	<0.50	3.0	<0.50	<0.50	<0.50	<5.0	<50	<5.0	<0.50	<0.50
	07/01/09	27.23	15.45	11.78	<50	<50	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	07/17/09	27.23	15.72	11.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/07/10	27.23	15.82	11.41	120	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	07/21/10	27.23	14.76	12.47	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<10	--	--	--	--
	07/14/11	27.23	14.53	12.70	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<10	--	--	--	--

Notes:
ft MSL = feet above Mean Sea Level
-- = Not measured/not analyzed
µg/L = micrograms per liter
[1] = Reporting limits were increased due to high concentrations of target analytes.
[2] = DRO concentration may include contributions from heavier-end hyydrocarbons that elute in the DRO range.
[3] = DRO concentration may include contributions from lighter-end hyydrocarbons that elute in the DRO range.
[4] = DRO concentration may include contributions from lighter-end and heavier-end hyydrocarbons that elute in the DRO range.
[5] = Reported concentration includes additional compunds uncharacteristic of common fuels and lubricants.
Analysis:
GRO and DRO analyzed by EPA Method 8015B
BTEX, MTBE, DIPE, ETBE, TAME, TBA, Methanol, Ethanol, 1,2-DCA, and EDB analyzed by EPA Method 8260B.

DRO = Diesel Range Organics C13-C22
GRO = Gasoline Range Organics C4-C13
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tert-amyl methyl ether
TBA = Tert-Butanol
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane



GENERAL NOTES:
BASE MAP FROM U.S.G.S.
OAKLAND, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1978

N

QUADRANGLE LOCATION

0 1800 FT

APPROXIMATE SCALE

STRATUS
ENVIRONMENTAL, INC.

EAGLE GAS STATION
4301 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

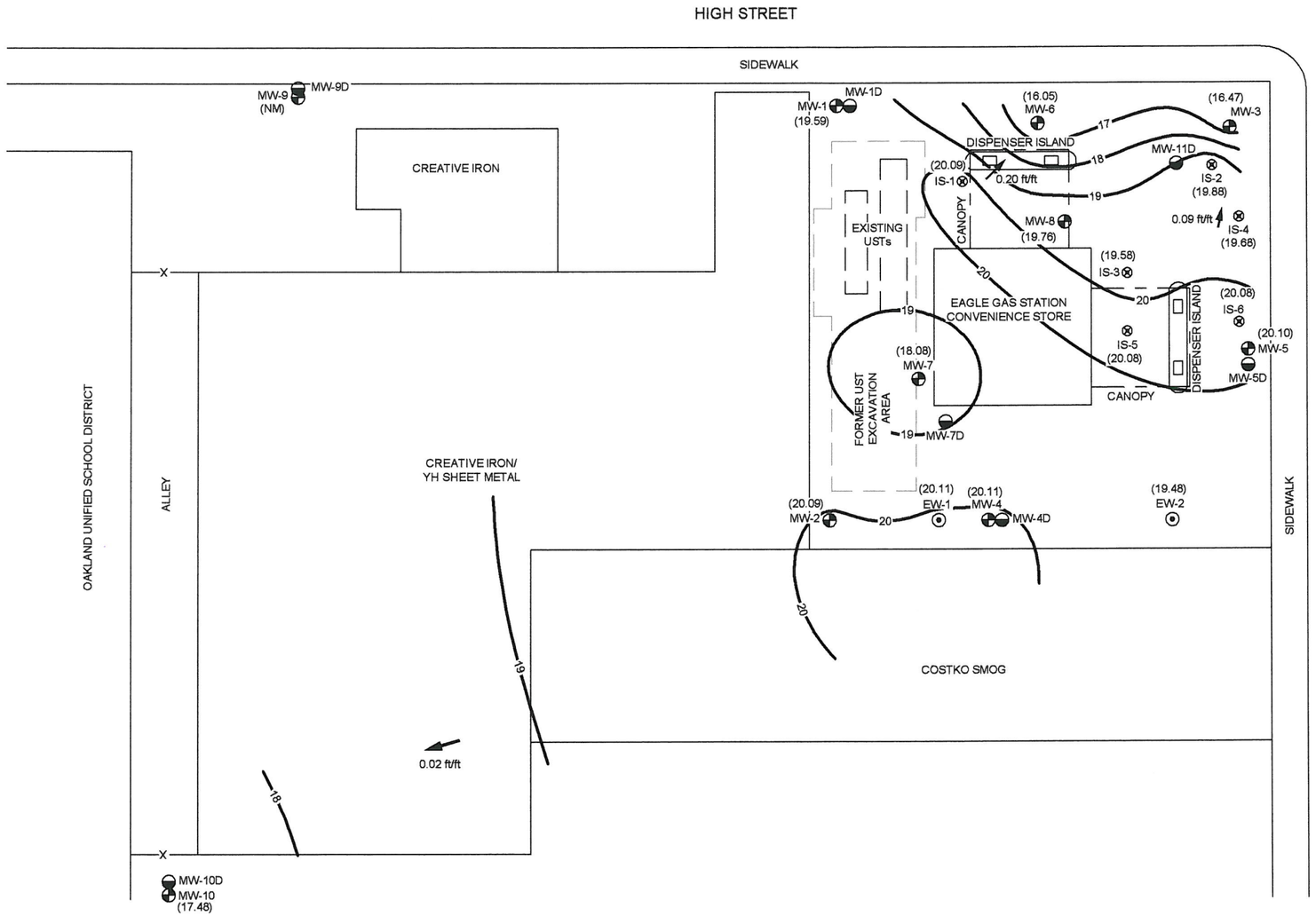
SITE LOCATION MAP

FIGURE
1
PROJECT NO.
2085-4301-01

LEGEND

- MW-1 SHALLOW MONITORING WELL LOCATION
- MW-1D DEEP MONITORING WELL LOCATION
- EW-1 EXTRACTION WELL LOCATION
- IS-1 INJECTION WELL LOCATION
- (19.59) GROUND WATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
- 18 WATER TABLE CONTOUR IN FEET RELATIVE TO MEAN SEA LEVEL
- INFERRED DIRECTION OF GROUND WATER FLOW

WELLS MEASURED: 7/13/11
(NM) = NOT MEASURED



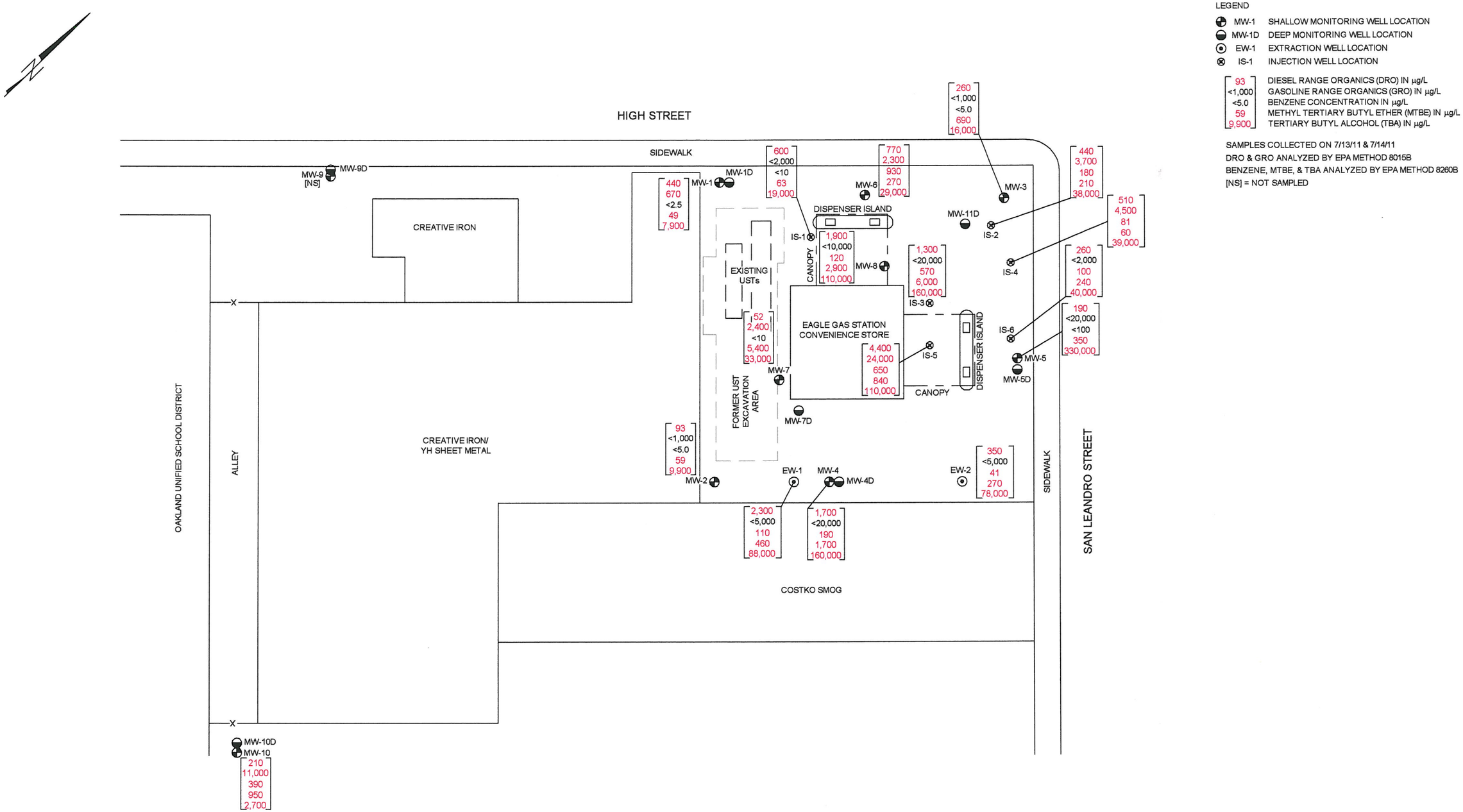
STRATUS ENVIRONMENTAL, INC.

0 30 FT
SCALE

EAGLE GAS STATION
4301 SAN LEANDRO STREET
OAKLAND, CALIFORNIA
GROUNDWATER ELEVATION CONTOUR MAP
SHALLOW SCREENED WELLS
3rd QUARTER 2011

FIGURE
2
PROJECT NO.
2038-4301-01

Eagle Gas\Oakland\Quarterly JMP REV August 8, 2011 Eagle Oakland Quarterly Figures



LEGEND

⊕	MW-1	SHALLOW MONITORING WELL LOCATION
⊖	MW-1D	DEEP MONITORING WELL LOCATION
⊙	EW-1	EXTRACTION WELL LOCATION
⊗	IS-1	INJECTION WELL LOCATION

93	DIESEL RANGE ORGANICS (DRO) IN µg/L
<1,000	GASOLINE RANGE ORGANICS (GRO) IN µg/L
<5.0	BENZENE CONCENTRATION IN µg/L
59	METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L
9,900	TERTIARY BUTYL ALCOHOL (TBA) IN µg/L

SAMPLES COLLECTED ON 7/13/11 & 7/14/11
DRO & GRO ANALYZED BY EPA METHOD 8015B
BENZENE, MTBE, & TBA ANALYZED BY EPA METHOD 8260B
[NS] = NOT SAMPLED

STRATUS ENVIRONMENTAL, INC.

0 30 FT
SCALE

EAGLE GAS STATION
4301 SAN LEANDRO STREET
OAKLAND, CALIFORNIA
GROUNDWATER ANALYTICAL SUMMARY
SHALLOW SCREENED WELLS
3rd QUARTER 2011

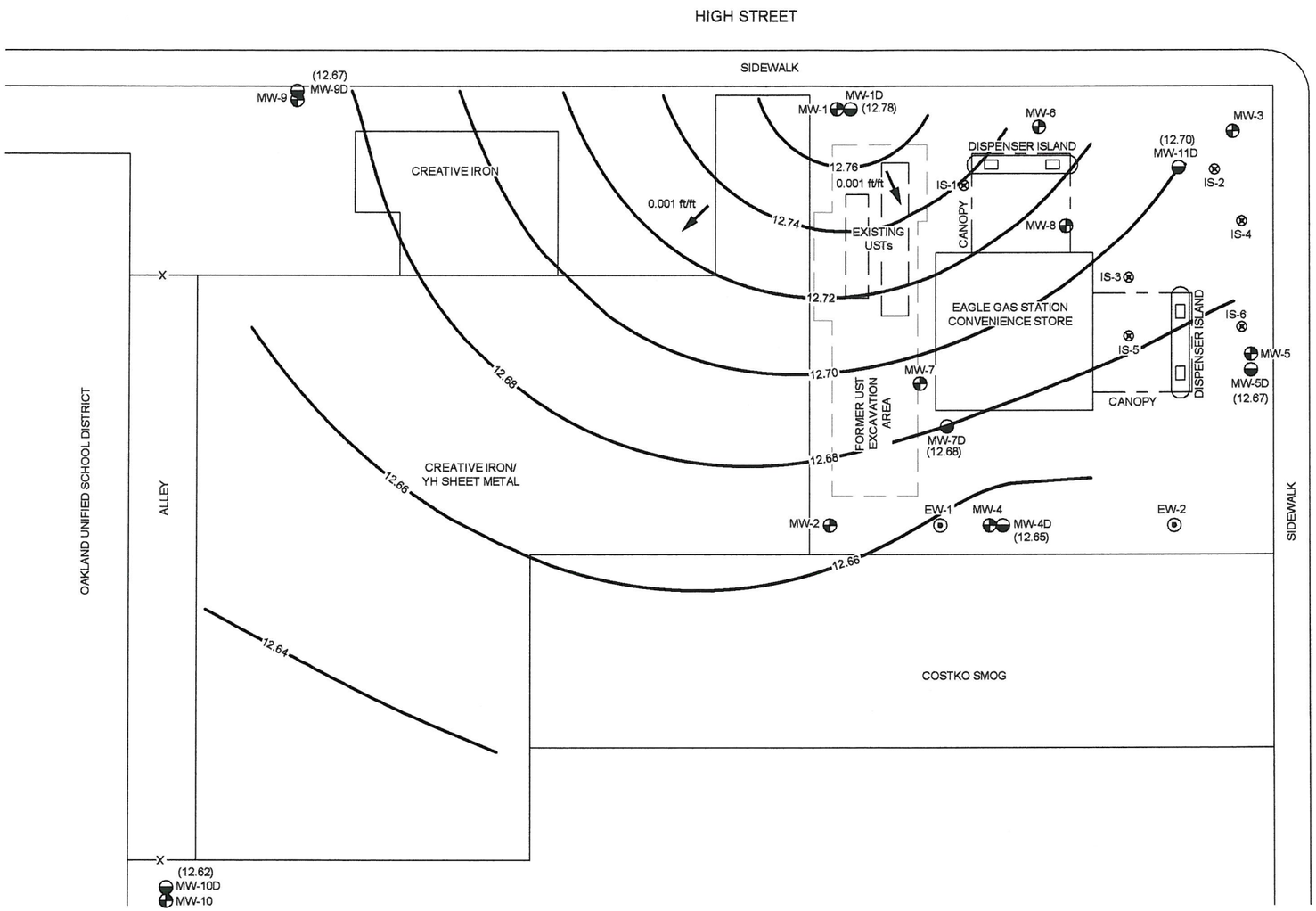
FIGURE
3
PROJECT NO.
2038-4301-01

Eagle Gas\Oakland\Quarterly JMP REV August 8, 2011 Eagle Oakland Quarterly Figures

LEGEND

- MW-1 SHALLOW MONITORING WELL LOCATION
- MW-1D DEEP MONITORING WELL LOCATION
- EW-1 EXTRACTION WELL LOCATION
- IS-1 INJECTION WELL LOCATION
- (12.78) GROUND WATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
- 12.70 WATER TABLE CONTOUR IN FEET RELATIVE TO MEAN SEA LEVEL
- INFERRED DIRECTION OF GROUND WATER FLOW

WELLS MEASURED: 7/13/11



STRATUS ENVIRONMENTAL, INC.

0 30 FT

SCALE

EAGLE GAS STATION
4301 SAN LEANDRO STREET
OAKLAND, CALIFORNIA
GROUNDWATER ELEVATION CONTOUR MAP
DEEP SCREENED WELLS
3rd QUARTER 2011

FIGURE
4
PROJECT NO.
2038-4301-01

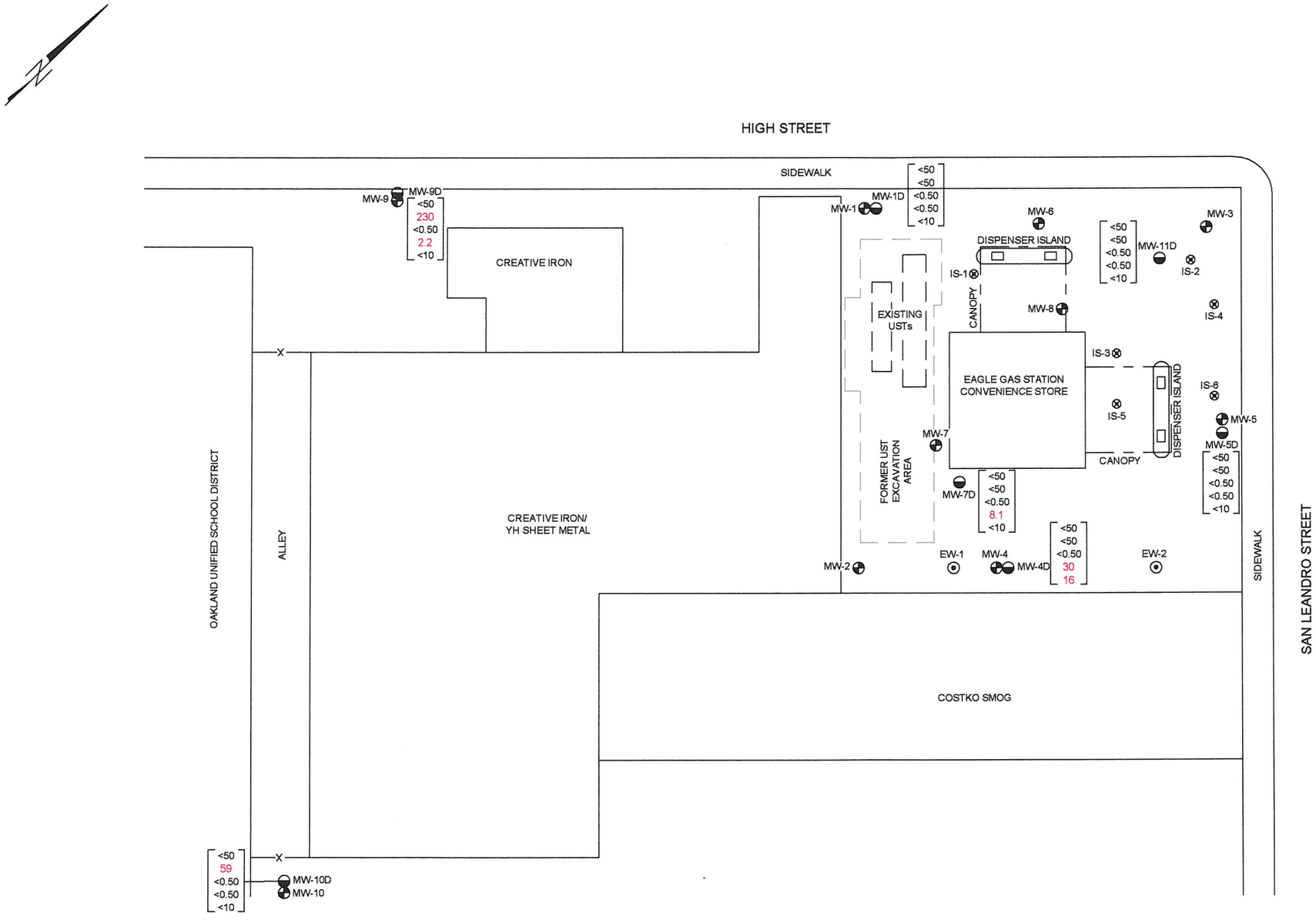
Eagle Gas\Oakland\Quarterly JMP REV August 8, 2011 Eagle Oakland Quarterly Figures

LEGEND

- MW-1 SHALLOW MONITORING WELL LOCATION
- MW-1D DEEP MONITORING WELL LOCATION
- EW-1 EXTRACTION WELL LOCATION
- IS-1 INJECTION WELL LOCATION

[<50 DIESEL RANGE ORGANICS (DRO) IN µg/L
<50 GASOLINE RANGE ORGANICS (GRO) IN µg/L
<0.50 BENZENE CONCENTRATION IN µg/L
<0.50 METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L
<10] TERTIARY BUTYL ALCOHOL (TBA) IN µg/L

SAMPLES COLLECTED ON 7/13/11 & 7/14/11
DRO & GRO ANALYZED BY EPA METHOD 8015B
BENZENE, MTBE, & TBA ANALYZED BY EPA METHOD 8260B



STRATUS ENVIRONMENTAL, INC.

0 30 FT
SCALE

EAGLE GAS STATION
4301 SAN LEANDRO STREET
OAKLAND, CALIFORNIA
GROUNDWATER ANALYTICAL SUMMARY
DEEP SCREENED WELLS
3rd QUARTER 2011

FIGURE
5

PROJECT NO.
2038-4301-01

Eagle Gas\Oakland\Quarterly JMP REV August 8, 2011 Eagle Oakland Quarterly Figures

APPENDIX A

FIELD DATA SHEETS

ORIGINAL

STRATUS ENVIRONMENTAL, INC.

Site Address: 4301 San Leandro Blvd
City: Oakland
Sampled by: Vince Zalutka
Signature: VZ

Site Number: Eagle Gas Oakland
Project Number: 2085-4301-01
Project PM: Sarah Salcedo
DATE: 7-13-11

Water Level Data					Purge Volume Calculations					Purge Method				Sample Record			Field Data
Well ID	Time	Depth to Product (feet)	Depth to Water (feet)	Total Depth (feet)	Water column (feet)	Diameter (inches)	Multiplier	3 casing volumes (gallons)	Actual water purged (gallons)	No Purge	Bailer	Pump	other	DTW at sample time (feet)	Sample I.D	Sample Time	DO (mg/L)
MW-1	0656		7.05	24.50	17.45	2	.5	8.73							MW-1		
1D	0653		13.76	43.00	29.24			14.62							1D		
2	0603		8.45	24.60	16.15			8.08	7.00		X		Dry	12.58	2	1254	2.38
3	0701		10.77	23.00	12.23			6.12							3		
4	0557	Sheen	7.98	24.30	16.32			8.16	8.00		X		Low	8.08	4	1243	2.15
4D	0550		15.35	41.70	26.35			13.18	13.00		X			15.40	4D	1101	2.23
5	0623		6.87	25.45	17.58			8.79							5		
5D	0626		14.11	42.40	28.29			14.15	14.00		X			14.20	5D	1421	2.73
6	0648		10.98	25.25	14.27			7.14							6		
7	0607		9.62	25.90	16.28			8.14	8.00		X		Low	20.75	7	1343	2.16
7D	0605		15.24	43.20	27.96			13.98	14.00		X		Low	15.28	7D	1317	2.16
8	0618	Sheen	7.75	24.60	16.85			8.43	1100		X				8		
9	07		12.82	39.70	26.88			13.44							9		
9D	0711		12.82	39.70	26.88			13.44	13.50		X			12.84	9D	0746	1.12
10	0815		7.75	14.85	7.10			3.55	3.50		X		Low	7.88	10	0941	1.74
10D	0817		12.67	52.00	39.33			19.67	19.50		X			12.69	10D	0923	1.92
11D	0645		14.53	44.90	30.37			15.19							11D		
15-1	0651		7.05	24.80	17.75			8.88							15-1		
2	0643		7.46	24.65	17.19			8.60							2		
3	0615	Sheen	7.85	24.00	16.15			8.08							3		
4	0640	Sheen	7.56	24.85	17.29			8.65							4		
5	0611	Sheen	7.39	15.80	8.41	2	.5	4.21							5		
6	0620		6.95	25.35	18.40	2	.5	9.20							6		
EW-1	0601	Sheen	8.10	25.10	17.00	4	2	34.00	17.50		X		Dry	8.21	EW-1	1308	2.40
2	0541		7.45	25.15	17.70	4	2	35.40	20.00		X		Dry	20.88	2	1436	1.98

Multiplier
2" = 0.5 3" = 1.0 4" = 2.0 6" = 4.4

Please refer to groundwater sampling field procedures
pH/Conductivity/temperature Meter - Oakton Model PC-10
DO Meter - Oakton 300 Series (DO is always measured before purge)

CALIBRATION DATE
pH VZ 7-13-11
Conductivity
DO

T:\Forms

ORIGINAL

STRATUS ENVIRONMENTAL, INC.

Site Address: 4301 San Leandro Blvd
City: Oakland
Sampled by: Vince Zalutka
Signature: VZ

Site Number: Eagle Gas Oakland
Project Number: 2085-4301-01
Project PM: Sarah Salcedo
DATE: 7-14-11

Water Level Data					Purge Volume Calculations					Purge Method				Sample Record			Field Data
Well ID	Time	Depth to Product (feet)	Depth to Water (feet)	Total Depth (feet)	Water column (feet)	Diameter (inches)	Multiplier	3 casing volumes (gallons)	Actual water purged (gallons)	No Purge	Bailer	Pump	other	DTW at sample time (feet)	Sample I.D	Sample Time	DO (mg/L)
								8.73	8.50		X		Low	18.38	MW-1	1227	2.73
								14.62	14.50		X			13.83	1D	1007	2.18
								6.12	5.00		X		Dry	19.03	3	1239	2.19
								8.79	9.00		X		Low	7.37	5	1134	1.81
								7.14	6.50		X		Dry	19.27	6	1100	2.25
	MW-8	Sheen						9.43	11.00		X		Low	11.61	8	1212	1.98
								1					N/S		9		
								15.19	15.00		X			14.57	11D	0622	2.00
								8.88	9.00		X		Low	7.55	15-1	1048	3.45
								8.60	8.50		X		Low	8.25	2	1111	2.35
	IS-3	Sheen						8.08	8.00		X			8.47	3	1206	1.78
	IS-4	Sheen						8.65	8.50		X		Low	8.16	4	1035	2.41
	IS-5	Sheen						4.21	4.00		X		Low	7.43	5	1143	1.74
								9.20	9.00		X		Low	7.52	6	1123	1.89

Multiplier
2" = 0.5 3" = 1.0 4" = 2.0 6" = 4.4

Please refer to groundwater sampling field procedures
pH/Conductivity/temperature Meter - Oakton Model PC-10
DO Meter - Oakton 300 Series (DO is always measured before purge)

CALIBRATION DATE
pH VZ 7-14-11
Conductivity
DO

T:\Forms

STRATUS ENVIRONMENTAL, INC.

Site Address 4301 San Leandro
City Oakland
Sampled By: Vince Zalutka
Signature VZ

Site Number Eagle Gas - Oakland
Project Number 2085-4301-01
Project PM Sarah Salcedo
DATE 7-13-11

Well ID	MW-9D			
Purge start time	0723		Odor	Y (N)
Bail	Temp C	pH	cond	gallons
time 0723	17.8	7.05	500	⊗
time 0735	18.1	6.88	502	7.0
time 0746	17.9	6.79	508	13.5
time				
purge stop time	0746		ORP	96

Well ID	MW-10			
Purge start time	0841		Odor	(Y) N
Bail	Temp C	pH	cond	gallons
time 0841	15.9	6.72	584	⊗
time 0845	15.9	6.69	589	2.0
time 0848	Low @		3.5	gal
time 0941	15.9	6.70	570	(3.5)
purge stop time	0848		ORP	114

Well ID	MW-10D			
Purge start time	0854		Odor	Y (N)
Bail	Temp C	pH	cond	gallons
time 0854	15.6	6.78	537	⊗
time 0909	16.4	6.81	532	10
time 0923	16.5	6.83	535	19.5
time				
purge stop time	0923		ORP	97

Well ID	MW-2			
Purge start time	1004		Odor	Y (N)
Bail	Temp C	pH	cond	gallons
time 1004	16.1	7.14	422	⊗
time 1013	16.2	6.99	423	4.0
time 1018	Dry @		7.0	gal
time 1254	17.0	6.80	406	(7.0)
purge stop time	1018		ORP	99

Well ID	EW-1 sheen			
Purge start time	1026		Odor	(Y) N
Bail	Temp C	pH	cond	gallons
time 1026	17.2	6.64	563	⊗
time 1033	16.8	6.72	546	16
time 1035	Dry @		17.5	gal
time ~~1308~~ 1308	18.7	6.59	505	(17.5)
purge stop time	1035		ORP	74

Well ID	MW-4D			
Purge start time	1043		Odor	Y (N)
Bail	Temp C	pH	cond	gallons
time 1043	17.0	6.82	477	⊗
time 1043	17.4	6.83	478	7.0
time 1101	17.5	6.78	488	13.0
time				
purge stop time	1101		ORP	−16

Well ID	MW-4 sheen			
Purge start time	1114		Odor	(Y) N
Bail	Temp C	pH	cond	gallons
time 1114	17.5	6.60	568	⊗
time 1120	17.5	6.58	557	4.0
time 1126	Low @		8.00	~~8.0~~
time 1243	18.9	6.68	529	(8.0)
purge stop time	1126		ORP	−18

Well ID	MW-7			
Purge start time	1130		Odor	Y (N)
Bail	Temp C	pH	cond	gallons
time 1130	17.3	6.73	577	⊗
time 1136	17.1	6.82	595	4
time 1142	Low @		8.60	
time 1343	17.9	6.97	571	(8.0)
purge stop time	1142		ORP	−44

STRATUS ENVIRONMENTAL, INC.

Site Address: 4301 San Leandro
City: Oakland
Sampled By: Vince Zalutka
Signature: VZ

Site Number: Eagle Gas Oakland
Project Number: 2085-4301-01
Project PM: Sarah Salcedo
DATE: 7-13-11

Well ID: MW-7D
Purge start time: 1147 — **Odor:** Y (N) (circled N)

Bail	Temp C	pH	cond	gallons
time 1147	17.3	7.00	519	0
time 1159	17.7	6.99	502	7
time 1211	Low		@ 14	gal
time 1317	17.8	6.71	475	(14)

purge stop time: 1211 — **ORP:** -1

Well ID: EW-2
Purge start time: 1217 — **Odor:** (Y) N (circled Y)

Bail	Temp C	pH	cond	gallons
time 1217	17.4	6.52	558	0
time 1225	17.1	6.55	560	17.0
time 1230	Dry	@	20	gal
time 1436	17.[illegible]	6.[illegible]	560	(20.0)

purge stop time: 1230 — **ORP:** -45

Well ID: MW-5D
Purge start time: 1355 — **Odor:** Y (N) (circled N)

Bail	Temp C	pH	cond	gallons
time 1355	18.4	6.90	469	0
time 1408	18.8	6.83	468	7
time 1421	18.3	6.81	469	14
time				

purge stop time: 1421 — **ORP:** 45

Well ID:
Purge start time: — **Odor:** Y N

	Temp C	pH	cond	gallons
time				
time				
time				
time				

purge stop time: — **ORP:**

Well ID:
Purge start time: — **Odor:** Y N

	Temp C	pH	cond	gallons
time				
time				
time				
time				

purge stop time: — **ORP:**

Well ID:
Purge start time: — **Odor:** Y N

	Temp C	pH	cond	gallons
time				
time				
time				
time				

purge stop time: — **ORP:**

Well ID:
Purge start time: — **Odor:** Y N

	Temp C	pH	cond	gallons
time				
time				
time				
time				

purge stop time: — **ORP:**

Well ID:
Purge start time: — **Odor:** Y N

	Temp C	pH	cond	gallons
time				
time				
time				
time				

purge stop time: — **ORP:**

STRATUS ENVIRONMENTAL, INC.

Site Address 4301 San Leandro
City Oakland
Sampled By: Vince Zalutka
Signature VZ

Site Number Eagle Gas Oaklnad
Project Number 2085-4301-01
Project PM Sarah Salcedo
DATE 7-14-11

Well ID	MW-3				
Purge start time	0526		Odor	(Y) N	
Bail	Temp C	pH	cond	gallons	
time 0526	18.2	6.86	496	∅	
time 0537	18.2	6.73	498	3.0	
time 0541	Dry @		5.0		
time 1239	18.0	7.25	462	(5.0)	
purge stop time	0541		ORP	66	

Well ID	MW-11D				
Purge start time	0600		Odor	Y (N)	
Bail	Temp C	pH	cond	gallons	
time 0600	17.4	6.82	420	∅	
time 0610	17.5	6.88	431	7.5	
time 0622	17.8	6.85	434	15.0	
time					
purge stop time	0622		ORP	-12	

Well ID	MW-8				
Purge start time	0648		Odor	(Y) N	
Bail	Temp C	pH	cond	gallons	
time 0648	17.6	6.64	453	∅	
time 0656	17.5	6.68	451	3.5	
time 0700	Dry @		6.5	gal	
time 1100	18.1	6.75	541	(6.5)	
purge stop time	0700		ORP	-73	

Well ID	IS-6				
Purge start time	0721		Odor	Y (N)	
Bail	Temp C	pH	cond	gallons	
time 0721	18.1	6.67	434	∅	
time 0729	17.5	6.63	451	4.5	
time 0737	Low @		9	gal	
time 1123	19.9	6.64	507	(9.0)	
purge stop time	0737		ORP	-50	

Well ID	RMW IS-4				sheen
Purge start time	0545		Odor	(Y) N	
Bail	Temp C	pH	cond	gallons	
time 0545	19.4	6.55	491	∅	
time 0551	18.3	6.59	498	4.0	
time 0558	Low	@		8.5	
time 1035	20.0	6.64	542	(8.5)	
purge stop time	0558		ORP	18	

Well ID	IS-1				
Purge start time	0627		Odor	(Y) N	
Bail	Temp C	pH	cond	gallons	
time 0627	17.0	6.53	436	∅	
time 0634	17.0	6.57	445	4.5	
time 0644	Low @		9.0	gal	
time 1048	18.9	6.62	525	(9.0)	
purge stop time	0644		ORP	-10	

Well ID	IS-2				
Purge start time	0703		Odor	Y (N)	
Bail	Temp C	pH	cond	gallons	
time 0703	18.3	6.65	401	∅	
time 0711	18.3	6.64	439	4.5	
time 0717	Low @		8.5	gal	
time 1111	20.4	6.84	494	(8.5)	
purge stop time	0717		ORP	-45	

Well ID	MW-5				
Purge start time	0750		Odor	Y (N)	
Bail	Temp C	pH	cond	gallons	
time 0750	17.7	6.58	453	∅	
time 0751	17.9	6.65	443	4.5	
time 0804		low	@	9.0	
time 1134	20.2	6.89	529	(9.0)	
purge stop time	0804		ORP	-33	

STRATUS ENVIRONMENTAL, INC.

Site Address: ~~1970 Seminary Ave~~ Eagle Gas
City: Oakland
Sampled By: Vince Zalutka
Signature:

Site Number: ~~Grimit Auto~~
Project Number: ~~2090-1970-01~~
Project PM: ~~Scott Bittinger~~
DATE: 7-14-11

Well ID	IS-5			sheen	Odor (Y) N
Purge start time	0808				
Bail	Temp C	pH	cond	gallons	
time 0808	17.1	6.51	442	Q	
time 0813	17.0	6.53	437	2	
time 0818	Low @ 4 gal				
time 1143	18.0	6.52	510	4.0	
purge stop time	0818		ORP	-78	

Well ID	IS-3			sheen	Odor (Y) N
Purge start time	0821				
Bail	Temp C	pH	cond	gallons	
time 0821	17.0	6.55	417	Q	
time 0828	17.0	6.58	197	4.0	
time 0835	Low @		8.0		
time 1200	17.9	6.59	484	8.0	
purge stop time	0835		ORP	-91	

Well ID	MW-8			sheen	Odor (Y) N
Purge start time	0841				
Bail	Temp C	pH	cond	gallons	
time 0841	17.0	6.59	426	Q	
time 0900	16.5	6.86	191	8.0	
time 0905	Low @		11.00		
time 1212	17.4	6.65	517	11.00	
purge stop time	0905		ORP	-88	

Well ID	MW-1				Odor Y (N)
Purge start time	0918				
Bail	Temp C	pH	cond	gallons	
time 0918	17.0	6.80	401	Q	
time 0928	17.4	6.78	402	4.0	
time 0942	Low @		8.5 gal		
time 1227	17.5	7.07	396	8.5	
purge stop time	0942		ORP	-104	

Well ID	MW-1D				Odor Y (N)
Purge start time	0950				
Bail	Temp C	pH	cond	gallons	
time 0950	17.1	6.83	482	Q	
time 0958	17.1	6.82	506	7.0	
time 1007	17.1	6.81	493	14.5	
time					
purge stop time			ORP	-8	

Well ID	MW-2				Odor (Y) N
Purge start time					
	Temp C	pH	cond	gallons	
time					
time					
time					
time					
purge stop time			ORP		

Well ID					Odor Y N
Purge start time					
	Temp C	pH	cond	gallons	
time					
time					
time					
time					
purge stop time			ORP		

APPENDIX B

SAMPLING AND ANALYSES PROCEDURES

SAMPLING AND ANALYSIS PROCEDURES

The sampling and analysis procedures as well as the quality assurance plan are contained in this appendix. The procedures and adherence to the quality assurance plan will provide for consistent and reproducible sampling methods; proper application of analytical methods; accurate and precise analytical results; and finally, these procedures will provide guidelines so that the overall objectives of the monitoring program are achieved.

Ground Water and Liquid-Phase Petroleum Hydrocarbon Depth Assessment

A water/hydrocarbon interface probe is used to assess the liquid-phase petroleum hydrocarbon (LPH) thickness, if present, and a water level indicator is used to measure the ground water depth in monitoring wells that do not contain LPH. Depth to ground water or LPH is measured from a datum point at the top of each monitoring well casing. The datum point is typical a notch cut in the north side of the casing edge. If a water level indicator is used, the tip is subjectively analyzed for hydrocarbon sheen.

Subjective Analysis of Ground Water

Prior to purging, a water sample is collected from the monitoring well for subjective assessment. The sample is retrieved by gently lowering a clean, disposable bailer to approximately one-half the bailer length past the air/liquid interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating LPH and the appearance of a LPH sheen.

Monitoring Well Purging and Sampling

Monitoring wells are purged using a pump or bailer until pH, temperature, and conductivity of the purge water has stabilized and a minimum of three well volumes of water have been removed. If three well volumes can not be removed in one half hour's time the well is allowed to recharge to 80% of original level. After recharging, a ground water sample is then removed from each of the wells using a disposable bailer.

A Teflon bailer, electric submersible or bladder pump will be the only equipment used for well sampling. When samples for volatile organic analysis are being collected, the pump flow will be regulated at approximately 100 milliliters per minute to minimize pump effluent turbulence and aeration. Glass bottles of at least 40-milliliters volume and fitted with Teflon-lined septa will be used in sampling for volatile organics. These bottles will be filled completely to prevent air from remaining in the bottle. A positive meniscus forms when the bottle is completely full. A convex Teflon septum will be placed over the positive meniscus to eliminate air. After the bottle is capped, it is inverted and tapped to verify that it contains no air bubbles. The sample containers for other parameters will be filled, filtered as required, and capped.

The water sample is collected, labeled, and handled according to the Quality Assurance Plan. Water generated during the monitoring event is disposed of accruing to regulatory accepted method pertaining to the site.

QUALITY ASSURANCE PLAN

Procedures to provide data quality should be established and documented so that conditions adverse to quality, such as deficiencies, deviations, nonconforments, defective material, services, and/or equipment, can be promptly identified and corrected.

General Sample Collection and Handling Procedures

Proper collection and handling are essential to ensure the quality of a sample. Each sample is collected in a suitable container, preserved correctly for the intended analysis, and stored prior to analysis for no longer than the maximum allowable holding time. Details on the procedures for collection and handling of samples used on this project can be found in this section.

Soil and Water Sample Labeling and Preservation

Label information includes a unique sample identification number, job identification number, date, and time. After labeling all soil and water samples are placed in a Ziploc® type bag and placed in an ice chest cooled to approximately 4° Celsius. Upon arriving at Stratus' office the samples are transferred to a locked refrigerator cooled to approximately 4° Celsius. Chemical preservation is controlled by the required analysis and is noted on the chain-of-custody form. Trip blanks supplied by the laboratory accompany the groundwater sample containers and groundwater samples.

Upon recovery, the sample container is sealed to minimize the potential of volatilization and cross-contamination prior to chemical analysis. Soil sampling tubes are typically closed at each end with Teflon® sheeting and plastic caps. The sample is then placed in a Ziploc® type bag and sealed. The sample is labeled and refrigerated at approximately 4° Celsius for delivery, under strict chain-of-custody, to the analytical laboratory.

Sample Identification and Chain-of-Custody Procedures

Sample identification and chain-of-custody procedures document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis has a label affixed to identify the job number, sampler, date and time of sample collection, and a sample number unique to that sample. This information, in addition to a description of the sample, field measurements made, sampling methodology, names of on-site personnel, and any other pertinent field observations, is recorded on the borehole log or in the field records. The samples are analyzed by a California-certified laboratory.

A chain-of-custody form is used to record possession of the sample from time of collection to its arrival at the laboratory. When the samples are shipped, the person in custody of them relinquishes the samples by signing the chain-of-custody form and

noting the time. The sample-control officer at the laboratory verifies sample integrity and confirms that the samples are collected in the proper containers, preserved correctly, and contain adequate volumes for analysis. These conditions are noted on a Laboratory Sample Receipt Checklist that becomes part of the laboratory report upon request.

If these conditions are met, each sample is assigned a unique log number for identification throughout analysis and reporting. The log number is recorded on the chain-of-custody form and in the legally-required log book maintained by the laboratory. The sample description, date received, client's name, and other relevant information is also recorded.

Equipment Cleaning

Sample bottles, caps, and septa used in sampling for volatile and semivolatile organics will be triple rinsed with high-purity deionized water. After being rinsed, sample bottles will be dried overnight at a temperature of 200°C. Sample caps and septa will be dried overnight at a temperature of 60°C. Sample bottles, caps, and septa will be protected from solvent contact between drying and actual use at the sampling site. Sampling containers will be used only once and discarded after analysis is complete.

Plastic bottles and caps used in sampling for metals will be soaked overnight in a 1-percent nitric acid solution. Next, the bottles and caps will be triple rinsed with deionized water. Finally, the bottles and caps will be air dried before being used at the site. Plastic bottles and caps will be constructed of linear polyethylene or polypropylene. Sampling containers will be used only once and discarded after analysis is complete. Glass and plastic bottles used by Stratus to collect groundwater samples are supplied by the laboratory.

Before the sampling event is started, equipment that will be placed in the well or will come in contact with groundwater will be disassembled and cleaned thoroughly with detergent water, and then steam cleaned with deionized water. Any parts that may absorb contaminants, such as plastic pump valves, etc. will be cleaned as described above or replaced.

During field sampling, equipment surfaces that are placed in the well or contact groundwater will be steam cleaned with deionized water before the next well is purged or sampled. Equipment blanks will be collected and analyzed from non-disposable sampling equipment that is used for collecting groundwater samples at the rate of one blank per twenty samples collected.

Internal Quality Assurance Checks

Internal quality assurance procedures are designed to provide reliability of monitoring and measurement of data. Both field and laboratory quality assurance checks are necessary to evaluate the reliability of sampling and analysis results. Internal quality assurance procedures generally include:

- Laboratory Quality Assurance

- Documentation of instrument performance checks
- Documentation of instrument calibration
- Documentation of the traceability of instrument standards, samples, and data
- Documentation of analytical and QC methodology (QC methodology includes use of spiked samples, duplicate samples, split samples, use of reference blanks, and check standards to check method accuracy and precision)

- Field Quality Assurance

- Documentation of sample preservation and transportation
- Documentation of field instrument calibration and irregularities in performance

Internal laboratory quality assurance checks will be the responsibility of the contract laboratories. Data and reports submitted by field personnel and the contract laboratory will be reviewed and maintained in the project files.

Types of Quality Control Checks

Samples are analyzed using analytical methods outlined in EPA Manual SW 846 and approved by the California Regional Water Quality Control Board-Central Valley Region in the Leaking Underground Fuel Tanks (LUFT) manual and appendices. Standard contract laboratory quality control may include analysis or use of the following:

- Method blanks – reagent water used to prepare calibration standards, spike solutions, etc. is analyzed in the same manner as the sample to demonstrate that analytical interferences are under control.
- Matrix spiked samples – a known amount of spike solution containing selected constituents is added to the sample at concentrations at which the accuracy of the analytical method is to satisfactorily monitor and evaluate laboratory data quality.
- Split samples – a sample is split into two separate aliquots before analysis to assess the reproducibility of the analysis.
- Surrogate samples – samples are spiked with surrogate constituents at known concentrations to monitor both the performance of the analytical system and the effectiveness of the method in dealing with the sample matrix.
- Control charts – graphical presentation of spike or split sample results used to track the accuracy or precision of the analysis.
- Quality control check samples – when spiked sample analysis indicates atypical instrument performance, a quality check sample, which is prepared independently of the calibration standards and contains the constituents of interest, is analyzed to confirm that measurements were performed accurately.

- Calibration standards and devices – traceable standards or devices to set instrument response so that sample analysis results represent the absolute concentration of the constituent.

Field QA samples will be collected to assess sample handling procedures and conditions. Standard field quality control may include the use of the following, and will be collected and analyzed as outlined in EPA Manual SW 846.

- Field blanks – reagent water samples are prepared at the sampling location by the same procedure used to collect field groundwater samples and analyzed with the groundwater samples to assess the impact of sampling techniques on data quality. Typically, one field blank per twenty groundwater samples collected will be analyzed per sampling event.
- Field replicates – duplicate or triplicate samples are collected and analyzed to assess the reproducibility of the analytical data. One replicate groundwater sample per twenty samples collected will be analyzed per sampling event, unless otherwise specified. Triplicate samples will be collected only when specific conditions warrant and generally are sent to an alternate laboratory to confirm the accuracy of the routinely used laboratory.
- Trip blanks – reagent water samples are prepared before field work, transported and stored with the samples and analyzed to assess the impact of sample transport and storage for data quality. In the event that any analyte is detected in the field blank, a trip blank will be included in the subsequent groundwater sampling event.

Data reliability will be evaluated by the certified laboratory and reported on a cover sheet attached to the laboratory data report. Analytical data resulting from the testing of field or trip blanks will be included in the laboratory's report. Results from matrix spike, surrogate, and method blank testing will be reported, along with a statement of whether the samples were analyzed within the appropriate holding time.

Stratus will evaluate the laboratory's report on data reliability and note significant QC results that may make the data biased or unacceptable. Data viability will be performed as outlined in EPA Manual SW 846. If biased or unacceptable data is noted, corrective actions (including re-sample/re-analyze, etc.) will be evaluated on a site-specific basis.

APPENDIX C

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

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ANALYTICAL REPORT

Stratus Environmental
3330 Cameron Park Drive
Cameron Park, CA 956828861

Attn: Sarah Salcedo
Phone: (530) 313-9966
Fax: (530) 676-6005
Date Received : 07/16/11

Job: Eagle Gas

Total Petroleum Hydrocarbons - Extractable (TPH-E) EPA Method SW8015B
Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B
Volatile Organic Compounds (VOCs) EPA Method SW8260B

		Parameter	Concentration		Reporting Limit	Date Extracted	Date Analyzed
Client ID :	**MW-1**						
Lab ID :	STR11071860-01A	TPH-E (DRO)	440		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 12:27	TPH-P (GRO)	670		500 µg/L	07/22/11	07/22/11
		Tertiary Butyl Alcohol (TBA)	7,900		50 µg/L	07/22/11	07/22/11
		Methyl tert-butyl ether (MTBE)	49		2.5 µg/L	07/22/11	07/22/11
		Di-isopropyl Ether (DIPE)	ND	V	5.0 µg/L	07/22/11	07/22/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	5.0 µg/L	07/22/11	07/22/11
		Benzene	ND	V	2.5 µg/L	07/22/11	07/22/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	5.0 µg/L	07/22/11	07/22/11
		Toluene	ND	V	2.5 µg/L	07/22/11	07/22/11
		Ethylbenzene	ND	V	2.5 µg/L	07/22/11	07/22/11
		m,p-Xylene	ND	V	2.5 µg/L	07/22/11	07/22/11
		o-Xylene	ND	V	2.5 µg/L	07/22/11	07/22/11
Client ID :	**MW-1D**						
Lab ID :	STR11071860-02A	TPH-E (DRO)	ND		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 10:07	TPH-P (GRO)	ND		50 µg/L	07/20/11	07/20/11
		Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	07/20/11	07/20/11
		Methyl tert-butyl ether (MTBE)	ND		0.50 µg/L	07/20/11	07/20/11
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	07/20/11	07/20/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	07/20/11	07/20/11
		Benzene	ND		0.50 µg/L	07/20/11	07/20/11
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	07/20/11	07/20/11
		Toluene	ND		0.50 µg/L	07/20/11	07/20/11
		Ethylbenzene	ND		0.50 µg/L	07/20/11	07/20/11
		m,p-Xylene	ND		0.50 µg/L	07/20/11	07/20/11
		o-Xylene	ND		0.50 µg/L	07/20/11	07/20/11
Client ID :	**MW-3**						
Lab ID :	STR11071860-03A	TPH-E (DRO)	260	CL	50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 12:39	TPH-P (GRO)	ND	V	1,000 µg/L	07/22/11	07/22/11
		Tertiary Butyl Alcohol (TBA)	16,000		100 µg/L	07/22/11	07/22/11
		Methyl tert-butyl ether (MTBE)	690		5.0 µg/L	07/22/11	07/22/11
		Di-isopropyl Ether (DIPE)	14		10 µg/L	07/22/11	07/22/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	10 µg/L	07/22/11	07/22/11
		Benzene	ND	V	5.0 µg/L	07/22/11	07/22/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	10 µg/L	07/22/11	07/22/11
		Toluene	ND	V	5.0 µg/L	07/22/11	07/22/11
		Ethylbenzene	ND	V	5.0 µg/L	07/22/11	07/22/11
		m,p-Xylene	ND	V	5.0 µg/L	07/22/11	07/22/11
		o-Xylene	ND	V	5.0 µg/L	07/22/11	07/22/11

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Client ID :	**MW-5**						
Lab ID :	STR11071860-04A	TPH-E (DRO)	190		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 11:34	TPH-P (GRO)	ND	V	20,000 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	330,000		2,000 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	350		100 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND	V	200 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	200 µg/L	07/21/11	07/21/11
		Benzene	ND	V	100 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	200 µg/L	07/21/11	07/21/11
		Toluene	ND	V	100 µg/L	07/21/11	07/21/11
		Ethylbenzene	ND	V	100 µg/L	07/21/11	07/21/11
		m,p-Xylene	ND	V	100 µg/L	07/21/11	07/21/11
		o-Xylene	ND	V	100 µg/L	07/21/11	07/21/11
Client ID :	**MW-6**						
Lab ID :	STR11071860-05A	TPH-E (DRO)	770		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 11:00	TPH-P (GRO)	2,300		2,000 µg/L	07/20/11	07/20/11
		Tertiary Butyl Alcohol (TBA)	29,000		200 µg/L	07/20/11	07/20/11
		Methyl tert-butyl ether (MTBE)	270		10 µg/L	07/20/11	07/20/11
		Di-isopropyl Ether (DIPE)	ND	V	20 µg/L	07/20/11	07/20/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	20 µg/L	07/20/11	07/20/11
		Benzene	930		10 µg/L	07/20/11	07/20/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	20 µg/L	07/20/11	07/20/11
		Toluene	11		10 µg/L	07/20/11	07/20/11
		Ethylbenzene	ND	V	10 µg/L	07/20/11	07/20/11
		m,p-Xylene	ND	V	10 µg/L	07/20/11	07/20/11
		o-Xylene	ND	V	10 µg/L	07/20/11	07/20/11
Client ID :	**MW-8**						
Lab ID :	STR11071860-06A	TPH-E (DRO)	1,900	L	50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 12:12	TPH-P (GRO)	ND	V	10,000 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	110,000		1,000 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	2,900		50 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND	V	100 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	100 µg/L	07/21/11	07/21/11
		Benzene	120		50 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	100 µg/L	07/21/11	07/21/11
		Toluene	ND	V	50 µg/L	07/21/11	07/21/11
		Ethylbenzene	ND	V	50 µg/L	07/21/11	07/21/11
		m,p-Xylene	ND	V	50 µg/L	07/21/11	07/21/11
		o-Xylene	ND	V	50 µg/L	07/21/11	07/21/11
Client ID :	**MW-11D**						
Lab ID :	STR11071860-07A	TPH-E (DRO)	ND		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 06:22	TPH-P (GRO)	ND		50 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	ND		0.50 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	07/21/11	07/21/11
		Benzene	ND		0.50 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	07/21/11	07/21/11
		Toluene	ND		0.50 µg/L	07/21/11	07/21/11
		Ethylbenzene	ND		0.50 µg/L	07/21/11	07/21/11
		m,p-Xylene	ND		0.50 µg/L	07/21/11	07/21/11
		o-Xylene	ND		0.50 µg/L	07/21/11	07/21/11

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Client ID :	**IS-1**						
Lab ID :	STR11071860-08A	TPH-E (DRO)	600		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 10:48	TPH-P (GRO)	ND	V	2,000 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	19,000		200 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	63		10 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND	V	20 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	20 µg/L	07/21/11	07/21/11
		Benzene	ND	V	10 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	20 µg/L	07/21/11	07/21/11
		Toluene	ND	V	10 µg/L	07/21/11	07/21/11
		Ethylbenzene	ND	V	10 µg/L	07/21/11	07/21/11
		m,p-Xylene	ND	V	10 µg/L	07/21/11	07/21/11
		o-Xylene	ND	V	10 µg/L	07/21/11	07/21/11
Client ID :	**IS-2**						
Lab ID :	STR11071860-09A	TPH-E (DRO)	440		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 11:11	TPH-P (GRO)	3,700		3,000 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	38,000		300 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	210		15 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND	V	30 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	30 µg/L	07/21/11	07/21/11
		Benzene	180		15 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	30 µg/L	07/21/11	07/21/11
		Toluene	ND	V	15 µg/L	07/21/11	07/21/11
		Ethylbenzene	ND	V	15 µg/L	07/21/11	07/21/11
		m,p-Xylene	ND	V	15 µg/L	07/21/11	07/21/11
		o-Xylene	ND	V	15 µg/L	07/21/11	07/21/11
Client ID :	**IS-3**						
Lab ID :	STR11071860-10A	TPH-E (DRO)	1,300		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 12:00	TPH-P (GRO)	ND	V	20,000 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	160,000		2,000 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	6,000		100 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND	V	200 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	200 µg/L	07/21/11	07/21/11
		Benzene	570		100 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	200 µg/L	07/21/11	07/21/11
		Toluene	ND	V	100 µg/L	07/21/11	07/21/11
		Ethylbenzene	170		100 µg/L	07/21/11	07/21/11
		m,p-Xylene	390		100 µg/L	07/21/11	07/21/11
		o-Xylene	ND	V	100 µg/L	07/21/11	07/21/11
Client ID :	**IS-4**						
Lab ID :	STR11071860-11A	TPH-E (DRO)	510		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 10:35	TPH-P (GRO)	4,500		2,000 µg/L	07/20/11	07/20/11
		Tertiary Butyl Alcohol (TBA)	39,000		200 µg/L	07/20/11	07/20/11
		Methyl tert-butyl ether (MTBE)	60		10 µg/L	07/20/11	07/20/11
		Di-isopropyl Ether (DIPE)	ND	V	20 µg/L	07/20/11	07/20/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	20 µg/L	07/20/11	07/20/11
		Benzene	81		10 µg/L	07/20/11	07/20/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	20 µg/L	07/20/11	07/20/11
		Toluene	ND	V	10 µg/L	07/20/11	07/20/11
		Ethylbenzene	ND	V	10 µg/L	07/20/11	07/20/11
		m,p-Xylene	ND	V	10 µg/L	07/20/11	07/20/11
		o-Xylene	ND	V	10 µg/L	07/20/11	07/20/11

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Client ID :	**IS-5**						
Lab ID :	STR11071860-12A	TPH-E (DRO)	4,400		50 µg/L	07/18/11	07/18/11
Date Sampled	07/14/11 11:43	TPH-P (GRO)	24,000		10,000 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	110,000		1,000 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	840		50 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND	V	100 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	100 µg/L	07/21/11	07/21/11
		Benzene	650		50 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	100 µg/L	07/21/11	07/21/11
		Toluene	ND	V	50 µg/L	07/21/11	07/21/11
		Ethylbenzene	1,300		50 µg/L	07/21/11	07/21/11
		m,p-Xylene	1,800		50 µg/L	07/21/11	07/21/11
		o-Xylene	ND	V	50 µg/L	07/21/11	07/21/11
Client ID :	**IS-6**						
Lab ID :	STR11071860-13A	TPH-E (DRO)	260		50 µg/L	07/18/11	07/19/11
Date Sampled	07/14/11 11:23	TPH-P (GRO)	ND	V	2,000 µg/L	07/20/11	07/20/11
		Tertiary Butyl Alcohol (TBA)	40,000		200 µg/L	07/20/11	07/20/11
		Methyl tert-butyl ether (MTBE)	240		10 µg/L	07/20/11	07/20/11
		Di-isopropyl Ether (DIPE)	ND	V	20 µg/L	07/20/11	07/20/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	20 µg/L	07/20/11	07/20/11
		Benzene	100		10 µg/L	07/20/11	07/20/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	20 µg/L	07/20/11	07/20/11
		Toluene	ND	V	10 µg/L	07/20/11	07/20/11
		Ethylbenzene	ND	V	10 µg/L	07/20/11	07/20/11
		m,p-Xylene	ND	V	10 µg/L	07/20/11	07/20/11
		o-Xylene	ND	V	10 µg/L	07/20/11	07/20/11
Client ID :	**MW-2**						
Lab ID :	STR11071860-14A	TPH-E (DRO)	93		50 µg/L	07/18/11	07/19/11
Date Sampled	07/13/11 12:54	TPH-P (GRO)	ND	V	1,000 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	9,900		100 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	59		5.0 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND	V	10 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	10 µg/L	07/21/11	07/21/11
		Benzene	ND	V	5.0 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	10 µg/L	07/21/11	07/21/11
		Toluene	ND	V	5.0 µg/L	07/21/11	07/21/11
		Ethylbenzene	ND	V	5.0 µg/L	07/21/11	07/21/11
		m,p-Xylene	ND	V	5.0 µg/L	07/21/11	07/21/11
		o-Xylene	ND	V	5.0 µg/L	07/21/11	07/21/11
Client ID :	**MW-4**						
Lab ID :	STR11071860-15A	TPH-E (DRO)	1,700		50 µg/L	07/18/11	07/19/11
Date Sampled	07/13/11 12:43	TPH-P (GRO)	ND	V	20,000 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	160,000		2,000 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	1,700		100 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND	V	200 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	200 µg/L	07/21/11	07/21/11
		Benzene	190		100 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	200 µg/L	07/21/11	07/21/11
		Toluene	ND	V	100 µg/L	07/21/11	07/21/11
		Ethylbenzene	370		100 µg/L	07/21/11	07/21/11
		m,p-Xylene	1,200		100 µg/L	07/21/11	07/21/11
		o-Xylene	ND	V	100 µg/L	07/21/11	07/21/11

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Client ID :	**MW-4D**						
Lab ID :	STR11071860-16A	TPH-E (DRO)	ND		50 µg/L	07/18/11	07/19/11
Date Sampled	07/13/11 11:01	TPH-P (GRO)	ND		50 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	16		10 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	30		0.50 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	07/21/11	07/21/11
		Benzene	ND		0.50 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	07/21/11	07/21/11
		Toluene	ND		0.50 µg/L	07/21/11	07/21/11
		Ethylbenzene	ND		0.50 µg/L	07/21/11	07/21/11
		m,p-Xylene	ND		0.50 µg/L	07/21/11	07/21/11
		o-Xylene	ND		0.50 µg/L	07/21/11	07/21/11
Client ID :	**MW-5D**						
Lab ID :	STR11071860-17A	TPH-E (DRO)	ND		50 µg/L	07/18/11	07/19/11
Date Sampled	07/13/11 14:21	TPH-P (GRO)	ND		50 µg/L	07/20/11	07/20/11
		Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	07/20/11	07/20/11
		Methyl tert-butyl ether (MTBE)	ND		0.50 µg/L	07/20/11	07/20/11
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	07/20/11	07/20/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	07/20/11	07/20/11
		Benzene	ND		0.50 µg/L	07/20/11	07/20/11
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	07/20/11	07/20/11
		Toluene	ND		0.50 µg/L	07/20/11	07/20/11
		Ethylbenzene	ND		0.50 µg/L	07/20/11	07/20/11
		m,p-Xylene	ND		0.50 µg/L	07/20/11	07/20/11
		o-Xylene	ND		0.50 µg/L	07/20/11	07/20/11
Client ID :	**MW-7**						
Lab ID :	STR11071860-18A	TPH-E (DRO)	52		50 µg/L	07/18/11	07/19/11
Date Sampled	07/13/11 13:43	TPH-P (GRO)	2,400		2,000 µg/L	07/20/11	07/20/11
		Tertiary Butyl Alcohol (TBA)	33,000		200 µg/L	07/20/11	07/20/11
		Methyl tert-butyl ether (MTBE)	5,400		10 µg/L	07/20/11	07/20/11
		Di-isopropyl Ether (DIPE)	ND	V	20 µg/L	07/20/11	07/20/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	20 µg/L	07/20/11	07/20/11
		Benzene	ND	V	10 µg/L	07/20/11	07/20/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	20 µg/L	07/20/11	07/20/11
		Toluene	ND	V	10 µg/L	07/20/11	07/20/11
		Ethylbenzene	ND	V	10 µg/L	07/20/11	07/20/11
		m,p-Xylene	ND	V	10 µg/L	07/20/11	07/20/11
		o-Xylene	ND	V	10 µg/L	07/20/11	07/20/11
Client ID :	**MW-7D**						
Lab ID :	STR11071860-19A	TPH-E (DRO)	ND		50 µg/L	07/18/11	07/19/11
Date Sampled	07/13/11 13:17	TPH-P (GRO)	ND		50 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	8.1		0.50 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	07/21/11	07/21/11
		Benzene	ND		0.50 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	07/21/11	07/21/11
		Toluene	ND		0.50 µg/L	07/21/11	07/21/11
		Ethylbenzene	ND		0.50 µg/L	07/21/11	07/21/11
		m,p-Xylene	ND		0.50 µg/L	07/21/11	07/21/11
		o-Xylene	ND		0.50 µg/L	07/21/11	07/21/11

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Client ID :	**MW-9D**						
Lab ID :	STR11071860-20A	TPH-E (DRO)	ND		50 µg/L	07/18/11	07/19/11
Date Sampled	07/13/11 07:46	TPH-P (GRO)	230		100 µg/L	07/22/11	07/22/11
		Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	07/22/11	07/22/11
		Methyl tert-butyl ether (MTBE)	2.2		0.50 µg/L	07/22/11	07/22/11
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	07/22/11	07/22/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	07/22/11	07/22/11
		Benzene	ND		0.50 µg/L	07/22/11	07/22/11
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	07/22/11	07/22/11
		Toluene	ND		0.50 µg/L	07/22/11	07/22/11
		Ethylbenzene	ND		0.50 µg/L	07/22/11	07/22/11
		m,p-Xylene	ND		0.50 µg/L	07/22/11	07/22/11
		o-Xylene	ND		0.50 µg/L	07/22/11	07/22/11
Client ID :	**MW-10**						
Lab ID :	STR11071860-21A	TPH-E (DRO)	210	K	50 µg/L	07/19/11	07/19/11
Date Sampled	07/13/11 09:41	TPH-P (GRO)	11,000		1,000 µg/L	07/19/11	07/19/11
		Tertiary Butyl Alcohol (TBA)	2,700		100 µg/L	07/19/11	07/19/11
		Methyl tert-butyl ether (MTBE)	950		5.0 µg/L	07/19/11	07/19/11
		Di-isopropyl Ether (DIPE)	ND	V	10 µg/L	07/19/11	07/19/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	10 µg/L	07/19/11	07/19/11
		Benzene	390		5.0 µg/L	07/19/11	07/19/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	10 µg/L	07/19/11	07/19/11
		Toluene	28		5.0 µg/L	07/19/11	07/19/11
		Ethylbenzene	430		5.0 µg/L	07/19/11	07/19/11
		m,p-Xylene	150		5.0 µg/L	07/19/11	07/19/11
		o-Xylene	18		5.0 µg/L	07/19/11	07/19/11
Client ID :	**MW-10D**						
Lab ID :	STR11071860-22A	TPH-E (DRO)	ND		50 µg/L	07/19/11	07/19/11
Date Sampled	07/13/11 09:23	TPH-P (GRO)	59		50 µg/L	07/19/11	07/19/11
		Tertiary Butyl Alcohol (TBA)	ND		10 µg/L	07/19/11	07/19/11
		Methyl tert-butyl ether (MTBE)	ND		0.50 µg/L	07/19/11	07/19/11
		Di-isopropyl Ether (DIPE)	ND		1.0 µg/L	07/19/11	07/19/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND		1.0 µg/L	07/19/11	07/19/11
		Benzene	ND		0.50 µg/L	07/19/11	07/19/11
		Tertiary Amyl Methyl Ether (TAME)	ND		1.0 µg/L	07/19/11	07/19/11
		Toluene	ND		0.50 µg/L	07/19/11	07/19/11
		Ethylbenzene	ND		0.50 µg/L	07/19/11	07/19/11
		m,p-Xylene	ND		0.50 µg/L	07/19/11	07/19/11
		o-Xylene	ND		0.50 µg/L	07/19/11	07/19/11
Client ID :	**EW-1**						
Lab ID :	STR11071860-23A	TPH-E (DRO)	2,300	Z	50 µg/L	07/19/11	07/19/11
Date Sampled	07/13/11 13:08	TPH-P (GRO)	ND	V	5,000 µg/L	07/21/11	07/21/11
		Tertiary Butyl Alcohol (TBA)	88,000		500 µg/L	07/21/11	07/21/11
		Methyl tert-butyl ether (MTBE)	460		25 µg/L	07/21/11	07/21/11
		Di-isopropyl Ether (DIPE)	ND	V	50 µg/L	07/21/11	07/21/11
		Ethyl Tertiary Butyl Ether (ETBE)	ND	V	50 µg/L	07/21/11	07/21/11
		Benzene	110		25 µg/L	07/21/11	07/21/11
		Tertiary Amyl Methyl Ether (TAME)	ND	V	50 µg/L	07/21/11	07/21/11
		Toluene	ND	V	25 µg/L	07/21/11	07/21/11
		Ethylbenzene	35		25 µg/L	07/21/11	07/21/11
		m,p-Xylene	ND	V	25 µg/L	07/21/11	07/21/11
		o-Xylene	ND	V	25 µg/L	07/21/11	07/21/11

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Client ID : **EW-2**

Lab ID : STR11071860-24A

Date Sampled 07/13/11 14:36

TPH-E (DRO)	350	K	50 µg/L	07/19/11	07/19/11
TPH-P (GRO)	ND	V	5,000 µg/L	07/21/11	07/21/11
Tertiary Butyl Alcohol (TBA)	78,000		500 µg/L	07/21/11	07/21/11
Methyl tert-butyl ether (MTBE)	270		25 µg/L	07/21/11	07/21/11
Di-isopropyl Ether (DIPE)	ND	V	50 µg/L	07/21/11	07/21/11
Ethyl Tertiary Butyl Ether (ETBE)	ND	V	50 µg/L	07/21/11	07/21/11
Benzene	41		25 µg/L	07/21/11	07/21/11
Tertiary Amyl Methyl Ether (TAME)	ND	V	50 µg/L	07/21/11	07/21/11
Toluene	ND	V	25 µg/L	07/21/11	07/21/11
Ethylbenzene	ND	V	25 µg/L	07/21/11	07/21/11
m,p-Xylene	ND	V	25 µg/L	07/21/11	07/21/11
o-Xylene	ND	V	25 µg/L	07/21/11	07/21/11

C = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

Diesel Range Organics (DRO) C13-C22

Gasoline Range Organics (GRO) C4-C13

K = DRO concentration may include contributions from lighter-end hydrocarbons that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons that elute in the DRO range.

V = Reporting Limits were increased due to high concentrations of target analytes.

Z = DRO concentration may include contributions from lighter-end and heavier-end hydrocarbons that elute in the DRO range.

ND = Not Detected

Reported in micrograms per Liter, per client request.

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer

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Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available California (#2019) and NELAC (01154CA) certifications for the data reported. Test results relate only to reported samples.

7/25/11

Report Date

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VOC Sample Preservation Report

Work Order: STR11071860 **Job:** Eagle Gas

Alpha's Sample ID	Client's Sample ID	Matrix	pH
11071860-01A	MW-1	Aqueous	2
11071860-02A	MW-1D	Aqueous	2
11071860-03A	MW-3	Aqueous	2
11071860-04A	MW-5	Aqueous	2
11071860-05A	MW-6	Aqueous	2
11071860-06A	MW-8	Aqueous	2
11071860-07A	MW-11D	Aqueous	2
11071860-08A	IS-1	Aqueous	2
11071860-09A	IS-2	Aqueous	2
11071860-10A	IS-3	Aqueous	2
11071860-11A	IS-4	Aqueous	2
11071860-12A	IS-5	Aqueous	2
11071860-13A	IS-6	Aqueous	2
11071860-14A	MW-2	Aqueous	2
11071860-15A	MW-4	Aqueous	2
11071860-16A	MW-4D	Aqueous	2
11071860-17A	MW-5D	Aqueous	2
11071860-18A	MW-7	Aqueous	2
11071860-19A	MW-7D	Aqueous	2
11071860-20A	MW-9D	Aqueous	2
11071860-21A	MW-10	Aqueous	2
11071860-22A	MW-10D	Aqueous	2
11071860-23A	EW-1	Aqueous	2
11071860-24A	EW-2	Aqueous	2

7/25/11
Report Date

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Date: *25-Jul-11*

QC Summary Report

Work Order: 11071860

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8015B/C Ext**

File ID: **1A07181105.D** Batch ID: **26932** Analysis Date: **07/18/2011 16:08**

Sample ID: **MBLK-26932** Units : **µg/L** Run ID: **FID_1_110718A** Prep Date: **07/18/2011 14:25**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	ND	50								
Surr: Nonane	164		150		109	49	145			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8015B/C Ext**

File ID: **1A07181106.D** Batch ID: **26932** Analysis Date: **07/18/2011 16:33**

Sample ID: **LCS-26932** Units : **µg/L** Run ID: **FID_1_110718A** Prep Date: **07/18/2011 14:25**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2220	50	2500		89	70	130			
Surr: Nonane	172		150		115	49	145			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8015B/C Ext**

File ID: **1A07181116.D** Batch ID: **26932** Analysis Date: **07/18/2011 20:44**

Sample ID: **11071860-09AMS** Units : **µg/L** Run ID: **FID_1_110718A** Prep Date: **07/18/2011 14:25**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2700	50	2500	442	90	53	150			
Surr: Nonane	183		150		122	49	145			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8015B/C Ext**

File ID: **1A07181117.D** Batch ID: **26932** Analysis Date: **07/18/2011 21:09**

Sample ID: **11071860-09AMSD** Units : **µg/L** Run ID: **FID_1_110718A** Prep Date: **07/18/2011 14:25**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2810	50	2500	442	95	53	150	2702	3.8(47)	
Surr: Nonane	173		150		115	49	145			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Reported in micrograms per Liter, per client request.

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Date: *25-Jul-11*

QC Summary Report

Work Order: 11071860

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8015B/C Ext**

File ID: **2A07181133.D** Batch ID: **26940** Analysis Date: **07/19/2011 12:29**

Sample ID: **MBLK-26940** Units : **µg/L** Run ID: **FID_2_110719A** Prep Date: **07/19/2011 10:52**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	ND	50								
Surr: Nonane	146		150		97	49	145			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8015B/C Ext**

File ID: **2A07181134.D** Batch ID: **26940** Analysis Date: **07/19/2011 12:54**

Sample ID: **LCS-26940** Units : **µg/L** Run ID: **FID_2_110719A** Prep Date: **07/19/2011 10:52**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2300	50	2500		92	70	130			
Surr: Nonane	157		150		105	49	145			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8015B/C Ext**

File ID: **2A07181150.D** Batch ID: **26940** Analysis Date: **07/19/2011 19:36**

Sample ID: **11071802-05AMS** Units : **µg/L** Run ID: **FID_2_110719A** Prep Date: **07/19/2011 10:52**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2140	50	2500	0	85	53	150			
Surr: Nonane	153		150		102	49	145			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8015B/C Ext**

File ID: **2A07181151.D** Batch ID: **26940** Analysis Date: **07/19/2011 20:01**

Sample ID: **11071802-05AMSD** Units : **µg/L** Run ID: **FID_2_110719A** Prep Date: **07/19/2011 10:52**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	2070	50	2500	0	83	53	150	2137	3.0(47)	
Surr: Nonane	166		150		111	49	145			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Reported in micrograms per Liter, per client request.

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Date: 25-Jul-11

QC Summary Report

Work Order: 11071860

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8015B/C**
File ID: **11071905.D** Batch ID: **MS12W0719B** Analysis Date: **07/19/2011 15:48**
Sample ID: **MBLK MS12W0719B** Units : **µg/L** Run ID: **MSD_12_110719A** Prep Date: **07/19/2011 15:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	9.79		10		98	70	130			
Surr: Toluene-d8	9.74		10		97	70	130			
Surr: 4-Bromofluorobenzene	8.89		10		89	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8015B/C**
File ID: **11071903.D** Batch ID: **MS12W0719B** Analysis Date: **07/19/2011 14:16**
Sample ID: **GLCS MS12W0719B** Units : **µg/L** Run ID: **MSD_12_110719A** Prep Date: **07/19/2011 14:16**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	412	50	400		103	70	130			
Surr: 1,2-Dichloroethane-d4	9.65		10		97	70	130			
Surr: Toluene-d8	9.81		10		98	70	130			
Surr: 4-Bromofluorobenzene	9.55		10		96	70	130			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8015B/C**
File ID: **11071923.D** Batch ID: **MS12W0719B** Analysis Date: **07/19/2011 22:40**
Sample ID: **11071860-22AGS** Units : **µg/L** Run ID: **MSD_12_110719A** Prep Date: **07/19/2011 22:40**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1980	250	2000	59.02	96	51	144			
Surr: 1,2-Dichloroethane-d4	50.8		50		102	70	130			
Surr: Toluene-d8	47.5		50		95	70	130			
Surr: 4-Bromofluorobenzene	48.5		50		97	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8015B/C**
File ID: **11071924.D** Batch ID: **MS12W0719B** Analysis Date: **07/19/2011 23:03**
Sample ID: **11071860-22AGSD** Units : **µg/L** Run ID: **MSD_12_110719A** Prep Date: **07/19/2011 23:03**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2110	250	2000	59.02	102	51	144	1976	6.5(29)	
Surr: 1,2-Dichloroethane-d4	54.5		50		109	70	130			
Surr: Toluene-d8	48.1		50		96	70	130			
Surr: 4-Bromofluorobenzene	46.1		50		92	70	130			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Reported in micrograms per Liter, per client request.

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: 25-Jul-11

QC Summary Report

Work Order: 11071860

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8015B/C**

File ID: **11072005.D** Batch ID: **MS12W0720B** Analysis Date: **07/20/2011 10:54**

Sample ID: **MBLK MS12W0720B** Units : **µg/L** Run ID: **MSD_12_110720A** Prep Date: **07/20/2011 10:54**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	50								
Surr: 1,2-Dichloroethane-d4	10.2		10		102	70	130			
Surr: Toluene-d8	9.62		10		96	70	130			
Surr: 4-Bromofluorobenzene	8.6		10		86	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8015B/C**

File ID: **11072003.D** Batch ID: **MS12W0720B** Analysis Date: **07/20/2011 10:08**

Sample ID: **GLCS MS12W0720B** Units : **µg/L** Run ID: **MSD_12_110720A** Prep Date: **07/20/2011 10:08**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	417	50	400		104	70	130			
Surr: 1,2-Dichloroethane-d4	9.75		10		98	70	130			
Surr: Toluene-d8	9.84		10		98	70	130			
Surr: 4-Bromofluorobenzene	9.54		10		95	70	130			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8015B/C**

File ID: **11072011.D** Batch ID: **MS12W0720B** Analysis Date: **07/20/2011 13:34**

Sample ID: **11071860-02AGS** Units : **µg/L** Run ID: **MSD_12_110720A** Prep Date: **07/20/2011 13:34**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	1990	250	2000	0	99	51	144			
Surr: 1,2-Dichloroethane-d4	51.7		50		103	70	130			
Surr: Toluene-d8	48.6		50		97	70	130			
Surr: 4-Bromofluorobenzene	48.3		50		97	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8015B/C**

File ID: **11072012.D** Batch ID: **MS12W0720B** Analysis Date: **07/20/2011 13:56**

Sample ID: **11071860-02AGSD** Units : **µg/L** Run ID: **MSD_12_110720A** Prep Date: **07/20/2011 13:56**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	2100	250	2000	0	105	51	144	1990	5.2(29)	
Surr: 1,2-Dichloroethane-d4	53		50		106	70	130			
Surr: Toluene-d8	48.9		50		98	70	130			
Surr: 4-Bromofluorobenzene	46.5		50		93	70	130			

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Reported in micrograms per Liter, per client request.

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: 25-Jul-11

QC Summary Report

Work Order: 11071860

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8260B**

File ID: **11071905.D** Batch ID: **MS12W0719A** Analysis Date: **07/19/2011 15:48**

Sample ID: **MBLK MS12W0719A** Units : **µg/L** Run ID: **MSD_12_110719A** Prep Date: **07/19/2011 15:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Tertiary Butyl Alcohol (TBA)	ND	10								
Methyl tert-butyl ether (MTBE)	ND	0.5								
Di-isopropyl Ether (DIPE)	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	9.79		10		98	70	130			
Surr: Toluene-d8	9.74		10		97	70	130			
Surr: 4-Bromofluorobenzene	8.89		10		89	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8260B**

File ID: **11071904.D** Batch ID: **MS12W0719A** Analysis Date: **07/19/2011 14:39**

Sample ID: **LCS MS12W0719A** Units : **µg/L** Run ID: **MSD_12_110719A** Prep Date: **07/19/2011 14:39**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	10	0.5	10		100	65	140			
Benzene	10.1	0.5	10		101	70	130			
Toluene	9.94	0.5	10		99	80	120			
Ethylbenzene	10.6	0.5	10		106	80	120			
m,p-Xylene	10.3	0.5	10		103	70	130			
o-Xylene	10.3	0.5	10		103	70	130			
Surr: 1,2-Dichloroethane-d4	9.97		10		99.7	70	130			
Surr: Toluene-d8	9.88		10		99	70	130			
Surr: 4-Bromofluorobenzene	9.82		10		98	70	130			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8260B**

File ID: **11071921.D** Batch ID: **MS12W0719A** Analysis Date: **07/19/2011 21:54**

Sample ID: **11071803-02AMS** Units : **µg/L** Run ID: **MSD_12_110719A** Prep Date: **07/19/2011 21:54**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	46.4	1.3	50	0	93	47	150			
Benzene	42.4	1.3	50	0	85	59	138			
Toluene	40.7	1.3	50	0	81	68	130			
Ethylbenzene	44	1.3	50	0	88	68	130			
m,p-Xylene	42.5	1.3	50	0	85	68	131			
o-Xylene	43	1.3	50	0	86	70	130			
Surr: 1,2-Dichloroethane-d4	51.2		50		102	70	130			
Surr: Toluene-d8	48.8		50		98	70	130			
Surr: 4-Bromofluorobenzene	49.2		50		98	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8260B**

File ID: **11071922.D** Batch ID: **MS12W0719A** Analysis Date: **07/19/2011 22:17**

Sample ID: **11071803-02AMSD** Units : **µg/L** Run ID: **MSD_12_110719A** Prep Date: **07/19/2011 22:17**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	50.2	1.3	50	0	100	47	150	46.37	8.0(40)	
Benzene	45.1	1.3	50	0	90	59	138	42.39	6.3(21)	
Toluene	44.2	1.3	50	0	88	68	130	40.74	8.2(20)	
Ethylbenzene	47.7	1.3	50	0	95	68	130	44.03	8.0(20)	
m,p-Xylene	46.5	1.3	50	0	93	68	131	42.5	9.0(20)	
o-Xylene	46.9	1.3	50	0	94	70	130	42.95	8.8(20)	
Surr: 1,2-Dichloroethane-d4	51.7		50		103	70	130			
Surr: Toluene-d8	49.1		50		98	70	130			
Surr: 4-Bromofluorobenzene	48.2		50		96	70	130			

Alpha Analytical, Inc.

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Date: *25-Jul-11*

QC Summary Report

Work Order: 11071860

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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Date: 25-Jul-11

QC Summary Report

Work Order: 11071860

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8260B**

File ID: **11072005.D** Batch ID: **MS12W0720A** Analysis Date: **07/20/2011 10:54**

Sample ID: **MBLK MS12W0720A** Units : **µg/L** Run ID: **MSD_12_110720A** Prep Date: **07/20/2011 10:54**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Tertiary Butyl Alcohol (TBA)	ND	10								
Methyl tert-butyl ether (MTBE)	ND	0.5								
Di-isopropyl Ether (DIPE)	ND	1								
Ethyl Tertiary Butyl Ether (ETBE)	ND	1								
Benzene	ND	0.5								
Tertiary Amyl Methyl Ether (TAME)	ND	1								
Toluene	ND	0.5								
Ethylbenzene	ND	0.5								
m,p-Xylene	ND	0.5								
o-Xylene	ND	0.5								
Surr: 1,2-Dichloroethane-d4	10.2		10		102	70	130			
Surr: Toluene-d8	9.62		10		96	70	130			
Surr: 4-Bromofluorobenzene	8.6		10		86	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8260B**

File ID: **11072004.D** Batch ID: **MS12W0720A** Analysis Date: **07/20/2011 10:31**

Sample ID: **LCS MS12W0720A** Units : **µg/L** Run ID: **MSD_12_110720A** Prep Date: **07/20/2011 10:31**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	9.66	0.5	10		97	65	140			
Benzene	10.1	0.5	10		101	70	130			
Toluene	10.1	0.5	10		101	80	120			
Ethylbenzene	10.8	0.5	10		108	80	120			
m,p-Xylene	10.5	0.5	10		105	70	130			
o-Xylene	10.4	0.5	10		104	70	130			
Surr: 1,2-Dichloroethane-d4	9.83		10		98	70	130			
Surr: Toluene-d8	9.86		10		99	70	130			
Surr: 4-Bromofluorobenzene	9.66		10		97	70	130			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8260B**

File ID: **11072009.D** Batch ID: **MS12W0720A** Analysis Date: **07/20/2011 12:48**

Sample ID: **11071860-02AMS** Units : **µg/L** Run ID: **MSD_12_110720A** Prep Date: **07/20/2011 12:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	48.3	1.3	50	0.82	95	47	150			
Benzene	47.5	1.3	50	0	95	59	138			
Toluene	45.2	1.3	50	0	90	68	130			
Ethylbenzene	49	1.3	50	0	98	68	130			
m,p-Xylene	47.2	1.3	50	0	94	68	131			
o-Xylene	47.7	1.3	50	0	95	70	130			
Surr: 1,2-Dichloroethane-d4	52.7		50		105	70	130			
Surr: Toluene-d8	47.4		50		95	70	130			
Surr: 4-Bromofluorobenzene	48.6		50		97	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8260B**

File ID: **11072010.D** Batch ID: **MS12W0720A** Analysis Date: **07/20/2011 13:11**

Sample ID: **11071860-02AMSD** Units : **µg/L** Run ID: **MSD_12_110720A** Prep Date: **07/20/2011 13:11**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Methyl tert-butyl ether (MTBE)	49.5	1.3	50	0.82	97	47	150	48.3	2.5(40)	
Benzene	48.7	1.3	50	0	97	59	138	47.51	2.5(21)	
Toluene	46.8	1.3	50	0	94	68	130	45.24	3.5(20)	
Ethylbenzene	51.1	1.3	50	0	102	68	130	49	4.1(20)	
m,p-Xylene	49	1.3	50	0	98	68	131	47.22	3.6(20)	
o-Xylene	49.2	1.3	50	0	98	70	130	47.7	3.1(20)	
Surr: 1,2-Dichloroethane-d4	51.5		50		103	70	130			
Surr: Toluene-d8	48.5		50		97	70	130			
Surr: 4-Bromofluorobenzene	48.4		50		97	70	130			

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: *25-Jul-11*

QC Summary Report

Work Order: 11071860

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Billing Information :

CHAIN-OF-CUSTODY RECORD

CA

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : STR11071860

Report Due By : 5:00 PM On : 25-Jul-11

Report Attention	Phone Number	EMail Address
Sarah Salcedo	(530) 313-9966 x	ssalcedo@stratusinc.net

Client:
Stratus Environmental
3330 Cameron Park Drive
Suite 550
Cameron Park, CA 95682-8861

PO :

Client's COC # : 54994, 54995 Job : Eagle Gas

EDD Required : **Yes**

Sampled by : Vince Z.

Cooler Temp	Samples Received	Date Printed
5 °C	16-Jul-11	**18-Jul-11**

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests TPH/E_W	TPH/P_W	VOC_W						Sample Remarks
STR11071860-01A	MW-1	AQ	07/14/11 12:27	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-02A	MW-1D	AQ	07/14/11 10:07	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-03A	MW-3	AQ	07/14/11 12:39	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-04A	MW-5	AQ	07/14/11 11:34	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-05A	MW-6	AQ	07/14/11 11:00	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-06A	MW-8	AQ	07/14/11 12:12	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-07A	MW-11D	AQ	07/14/11 06:22	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-08A	IS-1	AQ	07/14/11 10:48	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-09A	IS-2	AQ	07/14/11 11:11	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-10A	IS-3	AQ	07/14/11 12:00	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						

Comments: Security seals intact. Frozen Ice. Saturday delivery. Samples received 7/16/11, kept cold and secure until login 7/18/11. :

	Signature	Print Name	Company	Date/Time
Logged in by:		Cheryl Gamble	Alpha Analytical, Inc.	7/18/11 11:09

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

CHAIN-OF-CUSTODY RECORD

CA

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : STR11071860

Report Due By : 5:00 PM On : 25-Jul-11

Client:
Stratus Environmental
3330 Cameron Park Drive
Suite 550
Cameron Park, CA 95682-8861

Report Attention	Phone Number	EMail Address
Sarah Salcedo	(530) 313-9966 x	ssalcedo@stratusinc.net

EDD Required : **Yes**

Sampled by : Vince Z.

PO :

Client's COC # : 54994, 54995 Job : Eagle Gas

Cooler Temp	Samples Received	Date Printed
5 °C	16-Jul-11	18-Jul-11

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests TPH/E_W	TPH/P_W	VOC_W						Sample Remarks
STR11071860-11A	IS-4	AQ	07/14/11 10:35	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-12A	IS-5	AQ	07/14/11 11:43	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-13A	IS-6	AQ	07/14/11 11:23	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-14A	MW-2	AQ	07/13/11 12:54	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-15A	MW-4	AQ	07/13/11 12:43	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-16A	MW-4D	AQ	07/13/11 11:01	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-17A	MW-5D	AQ	07/13/11 14:21	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-18A	MW-7	AQ	07/13/11 13:43	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-19A	MW-7D	AQ	07/13/11 13:17	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-20A	MW-9D	AQ	07/13/11 07:46	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						

Comments: Security seals intact. Frozen Ice. Saturday delivery. Samples received 7/16/11, kept cold and secure until login 7/18/11. :

	Signature	Print Name	Company	Date/Time
Logged in by:		Cheryl Gamble	Alpha Analytical, Inc.	7/18/11 11:09

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

CHAIN-OF-CUSTODY RECORD

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

CA

WorkOrder : STR11071860

Report Due By : 5:00 PM On : 25-Jul-11

Client:
Stratus Environmental
3330 Cameron Park Drive
Suite 550
Cameron Park, CA 95682-8861

Report Attention	Phone Number	EMail Address
Sarah Salcedo	(530) 313-9966 x	ssalcedo@stratusinc.net

EDD Required : **Yes**

Sampled by : Vince Z.

PO :

Client's COC # : 54994, 54995 Job : Eagle Gas

Cooler Temp	Samples Received	Date Printed
5 °C	16-Jul-11	18-Jul-11

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests TPH/E_W	TPH/P_W	VOC_W						Sample Remarks
STR11071860-21A	MW-10	AQ	07/13/11 09:41	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-22A	MW-10D	AQ	07/13/11 09:23	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-23A	EW-1	AQ	07/13/11 13:08	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						
STR11071860-24A	EW-2	AQ	07/13/11 14:36	8	0	5	TPH/E_C	GAS-C	BTEX/OXY_C						

Comments: Security seals intact. Frozen Ice. Saturday delivery. Samples received 7/16/11, kept cold and secure until login 7/18/11. :

	Signature	Print Name	Company	Date/Time
Logged in by:		Cheryl Gamble	Alpha Analytical, Inc.	7/18/11 11:09

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

54995

Billing Information:
Company Name STRATUS ENV
Attn: Sarah.
Address 3330 Cameron Park Dr #550
City, State, Zip Cameron Park CA
Phone Number 530·676·6004 Fax 530·676·6005

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21
Sparks, Nevada 89431-5778
Phone (775) 355-1044
Fax (775) 355-0406

Samples Collected From Which State?
AZ ____ CA X NV ____ WA ____ DOD Site ____
ID ____ OR ____ OTHER ____ Page # 1 of 2

Consultant / Client Name: Eagle Gas
Address: 4301 San Leandro Blvd.
City, State, Zip: Oakland CA
Job #: ____ Job Name: ____
Report Attention / Project Manager
Name: Sarah Salcedo
Email: ____
Phone: ____ Mobile: ____

Analyses Required: DRO & GRO 8015B; BTEX; MTBE; TBA; DIPE; ETBE; TAME (8260B)
Data Validation Level: III or IV
EDD / EDF? YES X NO ____
Global ID # T0600143649

Time Sampled	Date Sampled 2011	Matrix* See Key Below	P.O. # / Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**	DRO & GRO 8015B	BTEX	MTBE	TBA	DIPE	ETBE	TAME	REMARKS
1227	0714	AQ	STR1107186O-01A	MW-1	Std		8v	X	X	X	X	X	X	X	
1007			02A	MW-1D											
1239			03A	MW-3											
1134			04A	MW-5											
1100			05A	MW-6											
1212			06A	MW-8											
0622			07A	MW-11D											
1048			08A	IS-1											
1111			09A	MW-2											
1200			10A	MW-3											
1035			11A	MW-4											
1143			12A	MW-5											
1123	0714		13A	MW-6				X	X	X	X	X	X	X	

FOR LAB USE ONLY

ADDITIONAL INSTRUCTIONS:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: Vince Zaluetta

Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
Vince Zaluetta - Sampler		7-14-11	1612
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
	Alpha	7/18/11	10:59
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

54994

Billing Information:
Company Name STRATUS ENV
Attn: SARAH
Address 3330 Cameron Park Dr #550
City, State, Zip Cameron Park CA
Phone Number 530-676-6004 Fax 530-676-6005

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21
Sparks, Nevada 89431-5778
Phone (775) 355-1044
Fax (775) 355-0406

Samples Collected From Which State?
AZ ____ CA X NV ____ WA ____ DOD Site ____
ID ____ OR ____ OTHER ____ Page # 2 of 2

Consultant / Client Name: EAGLE GAS
Address: 4301 SAN LEANDRO
City, State, Zip: OAKLAND CA
Job #: ____ Job Name: ____
Report Attention / Project Manager
Name: Sarah Salcedo
Email: ____
Phone: ____ Mobile: ____

Analyses Required: DRO / GRO 8015B | BTEX | MTBE 8260B | TBA | DIPE | ETBE | TAME
Data Validation Level: III or IV
EDD / EDF? YES X NO ____
Global ID # T0600143649

Time Sampled	Date Sampled 2011	Matrix* See Key Below	P.O. # / Lab ID Number	Office (Use Only)	Sample Description	TAT	Field Filtered	# Containers**	REMARKS
1254	07/13	AQ		-14A	MW-2	Std		8V	
1243				-15A	-4				
1101				-16A	-4D				
1421				-17A	-5D				
1343				-18A	-7				
1317				-19A	-7D				
0746				-20A	-9D				
0941				-21A	-10				
0923				-22A	-10D				
1308				-23A	EW-1				
1436	07/13	AQ		-24A	EW-2				

FOR LAB USE ONLY

ADDITIONAL INSTRUCTIONS:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: Vince Zaletta

Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
Vince Zaletta - Sampler		7-14-11	1612
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
	Alpha	7/18/11	10:59
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

APPENDIX D

GEOTRACKER ELECTRONIC SUBMITTAL CONFIRMATIONS

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

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

Submittal Type:	**GEO_WELL**
Submittal Title:	**GeoWell July 2011**
Facility Global ID:	**T0600143649**
Facility Name:	**EAGLE GAS**
File Name:	**GEO_WELL.zip**
Organization Name:	**Stratus Environmental, Inc.**
Username:	**STRATUS NOCAL**
IP Address:	**12.186.106.98**
Submittal Date/Time:	**8/15/2011 11:49:54 AM**
Confirmation Number:	**8933649718**

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

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

Submittal Type:	**EDF - Monitoring Report - Quarterly**
Submittal Title:	**Analytical 7-14-11**
Facility Global ID:	**T0600143649**
Facility Name:	**EAGLE GAS**
File Name:	**11071860_EDF.zip**
Organization Name:	**Stratus Environmental, Inc.**
Username:	**STRATUS NOCAL**
IP Address:	**12.186.106.98**
Submittal Date/Time:	**8/16/2011 2:59:26 PM**
Confirmation Number:	**8860245704**

VIEW QC REPORT

VIEW DETECTIONS REPORT