Alameda-Contra Costa Transit District

April 2, 2010

Mr. Stephen Plunkett
Alameda County Health Division
Division of Environmental Protection
Department of Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502

Dear Mr. Plunkett:

Subject: Groundwater Monitoring Report – First Quarter 2010
AC Transit, 1177 47th Street, Emeryville

AC Transit hereby submits the enclosed groundwater monitoring report for the AC Transit facility located at 1177 47th Street in Emeryville. The report was prepared by our consultant, Cameron-Cole, and contains the results of groundwater monitoring performed on February 18 and 19 and March 11, 2010, from monitoring wells 16 on-site and three off-site wells. Well MW-13 was measured to have 0.35 feet of free product and was not sampled for chemical analysis.

Sampling results indicated gasoline-range hydrocarbons were measured in monitoring wells MW-6 (1,790 ppb), MW-7 (173 ppb), MW-10 (72.9 ppb), MW-12 (107 ppb) and W-1 (5,820 ppb). Total petroleum hydrocarbons as degraded diesel was detected in MW-6 (2,330 ppb) and MW-10 (398 ppb). Methyl tertiary butyl ether (MTBE) was detected above the environmental screening level of 5 ppb in monitoring wells MW-14, MW-15 and MW-16. Benzene was detected above the Maximum Contaminant Level (MCL) of 1.0 ppb in MW-6 (39.8 ppb) and W-1 (12.4 ppb). Monthly purging of well MW-13 continues to be performed as an interim remedial measure.

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

If you have any questions or comments regarding the enclosed report, please call me at (510) 577-8869.

Sincerely,

Suzanne Chaewsky

Suzanne Chaewsky, P.E.
Environmental Engineer

Enclosure

GROUNDWATER MONITORING REPORT FOR THE AC TRANSIT FACILITY LOCATED AT 1177 47th STREET, EMERYVILLE, CALIFORNIA

March 2010

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GROUNDWATER MONITORING REPORT FOR THE AC TRANSIT FACILITY LOCATED AT 1177 47th STREET, EMERYVILLE, CALIFORNIA

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INTRODUCTION

This report presents the results from the first quarter 2010 groundwater monitoring event for the AC Transit Facility located at 1177 47th Street, Emeryville, California (Figure 1, Site Location Map). Cameron-Cole performed groundwater sampling of monitor wells MW-1 through MW-16 and W-1 on February 18, 19 and March 11, 2010, in accordance with directives from Alameda County Health Care Services (ACHCS).

GROUNDWATER MONITORING

Work performed during these sampling events included measuring depth to water in all monitor wells and collecting groundwater samples from monitor wells MW-1 through MW-16 and W-1. A groundwater sample was not collected from MW-13 due to the presence of a free-phase hydrocarbon layer. Groundwater samples were analyzed for total extractable petroleum hydrocarbons (TEPH) using Environmental Protection Agency (EPA) Method 8015 Modified and for benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method 8260B.

A site map displaying the monitor well locations is presented as Figure 2. Chain-of-custody documents, field data sheets, and certified analytical reports are included in Appendix A.

Groundwater Elevations and Flow Direction

On February 18, 2010, all 19 monitor wells (16 on-site and 3 off-site; MW-1 through MW-16, W-1, W-3, and W-4) were inspected and measured for the presence of free-phase hydrocarbons and depth to groundwater. Measurements of depths to groundwater are presented in Table 1 and were used to construct the groundwater elevation contours in Figure 2. As shown, groundwater flow is to the west at a gradient of 0.026 feet/foot. Monitor well MW-13 was the only well with a free-phase hydrocarbon layer detected. The free-phase hydrocarbon layer in MW-13 measured 0.35 feet.

On March 12, 2010, monitor wells MW-1, MW-4, MW-6, and W-1 were resampled, because sample bottles from these wells collected during the original sampling event arrived at the laboratory broken.

Groundwater Sampling Activities

The monitor wells were purged a minimum of three casing volumes using a centrifugal pump, and samples were collected using disposable polyethylene bailers. During well purging, field parameters for temperature, electrical conductivity, pH, and turbidity were monitored using calibrated field meters. Due to the presence of the hydrocarbon layer measured in monitor well MW-13, a groundwater sample was not collected. However, MW-13 was purged to remove the product layer, an activity that has been repeated monthly as an interim remedial measure.

Groundwater samples were collected in 40-milliliter glass vials preserved with hydrochloric acid and one-liter non-preserved amber glass containers and placed in an ice-filled cooler for shipment under chain-of-custody to a State of California certified laboratory. A trip blank was submitted for analysis by EPA Method 8260B.

Groundwater Analytical Results

Table 2 presents groundwater analytical results for the first quarter 2010 sampling event. TPH as degraded diesel was detected in monitor wells MW-6 and MW-10. TPH as degraded gasoline was detected in monitor wells MW-6, MW-7, MW-10, MW-12, and W-1. Benzene was detected above the State of California maximum contaminant level (MCL) of 1.0 micrograms per liter (ug/l) in monitor well MW-6. Xylenes were detected above the ESL of 20 ug/l in W-1 and MTBE was detected above the ESL of 5 ug/l in monitor wells MW-14, MW-15, and MW-16, but below the MCL level of 13 ug/l. Elevated gasoline concentration in W-1 required a 10 fold dilution resulting in elevated reporting limits for benzene and MTBE over the MCL and ESL, respectively. All other compounds were below laboratory limits. No analytes were detected in the trip blank or method blank. A lab control spike and lab control spike duplicate passed the EPA's criteria for acceptance.

SUMMARY OF RESULTS

- Groundwater flow is to the west at a gradient of 0.026 feet/foot.
- TPH as degraded diesel was detected in MW-6 (2,330 ug/l) and MW-10 (398 ug/l).
- TPH as degraded gasoline was detected in MW-6 (1,790 ug/l), MW-7 (173 ug/l), MW-10 (72.9 ug/l), MW-12 (107 ug/l), and W-1 (5,820 ug/l).
- Benzene was detected above the MCL of 1.0 ug/l in MW-6 (39.8 ug/l) and W-1 (12.4 ug/l).
- Xylenes was detected above the ESL of 20 ug/l in W-1 (20.3 ug/l).
- MTBE was detected above the ESL of 5 ug/l in MW-14 (7.5 ug/l), MW-15 (6.5 ug/l) and MW-16 (7.5 ug\l).

PROJECTED WORK AND RECOMMENDATIONS

Quarterly groundwater monitoring of monitor wells MW-11 through MW-16 is scheduled for May 2010. This event will include site-wide depth to groundwater level measurements including inspection of each monitor well for free-phase hydrocarbon. Additionally, monthly over purging of MW-13 to remove the free-phase hydrocarbon layer will continue.

FIGURES

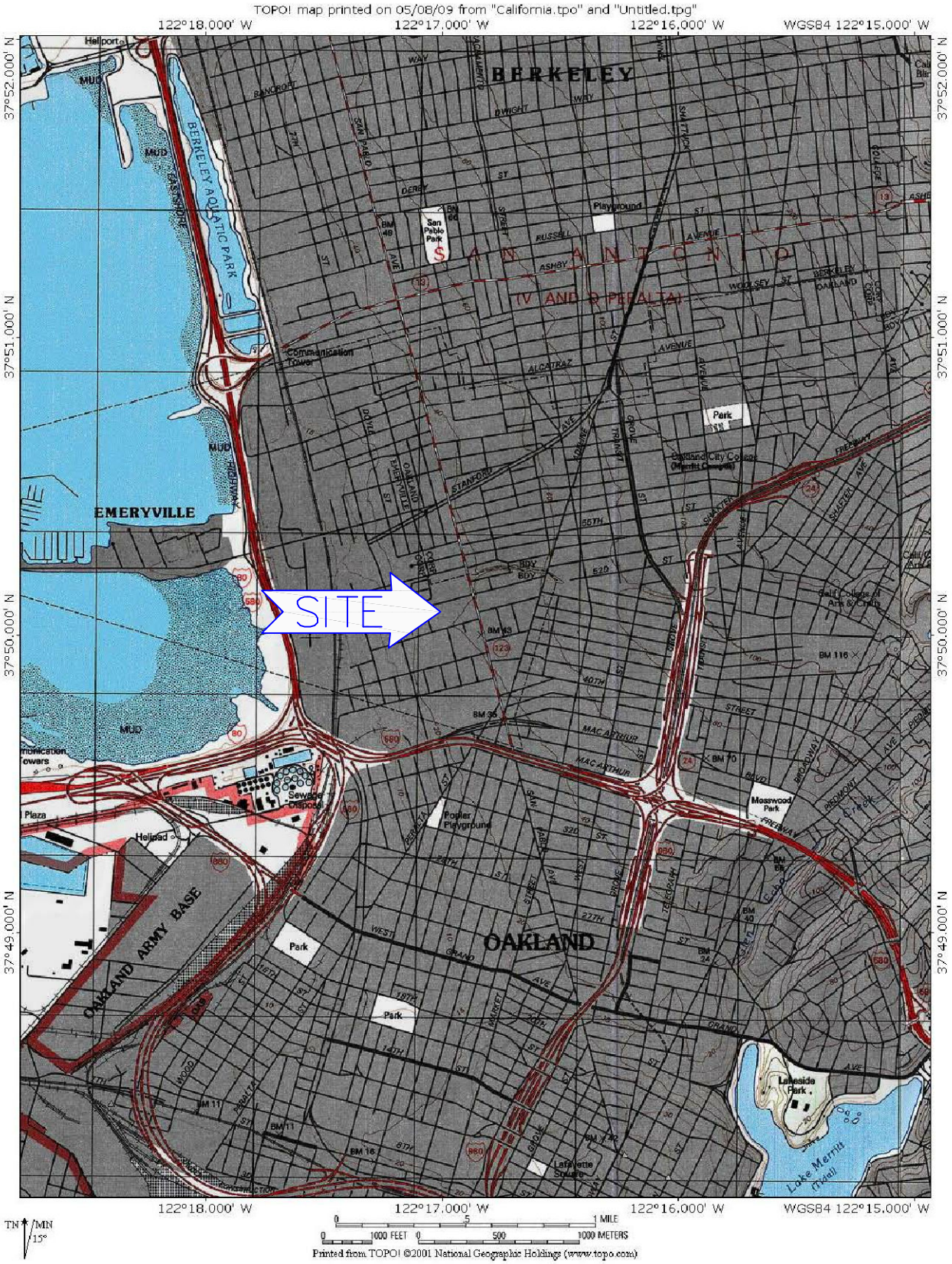

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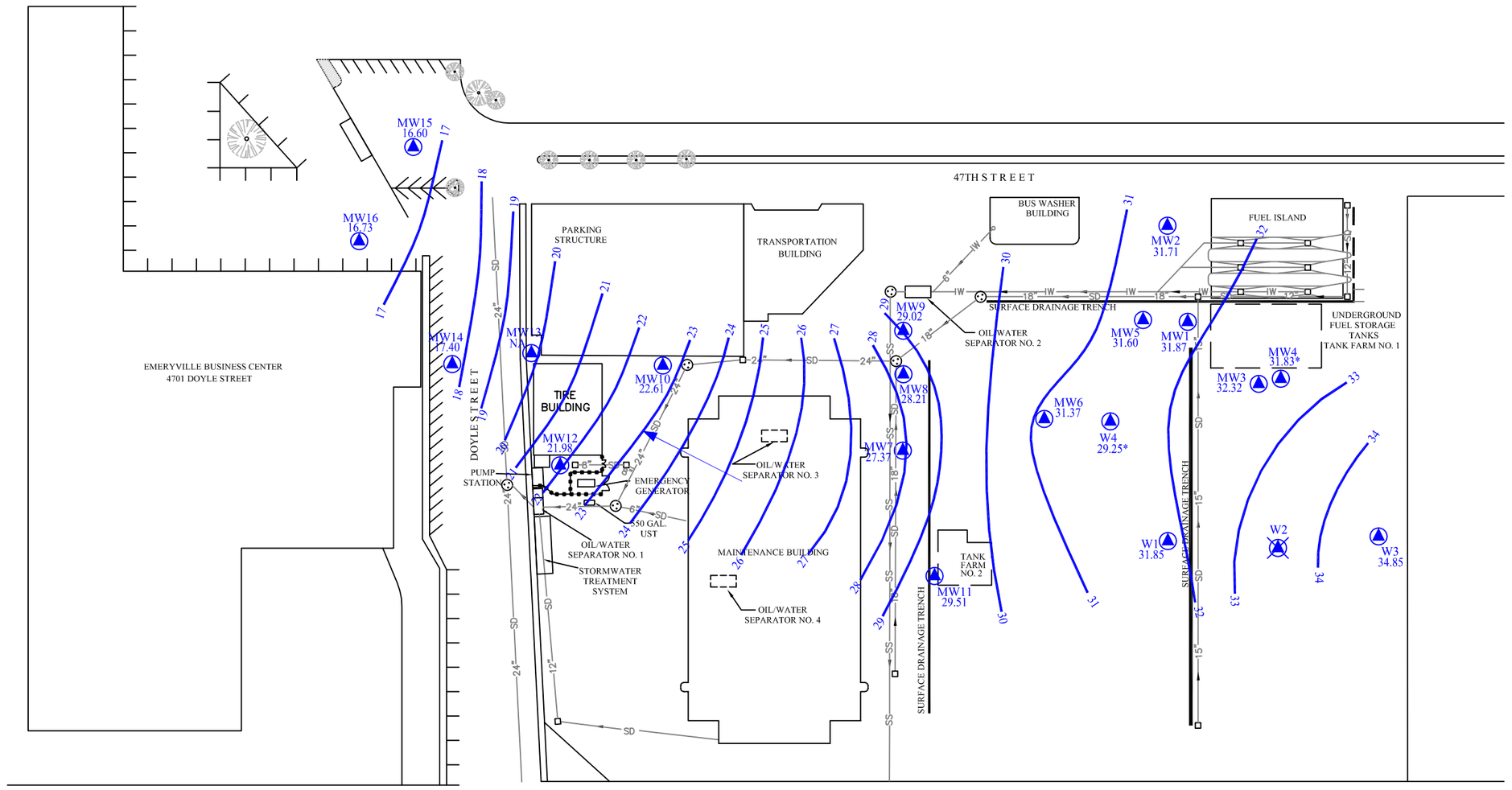
FIGURE 1

SITE LOCATION MAP
AC TRANSIT – EMERYVILLE
EMERYVILLE, CALIFORNIA

SCALE:	DATE:
AS NOTED	05–08–09

2036–003A



LEGEND

- MANHOLE
- CATCH BASIN
- MONITOR WELL
- ABANDONED MONITOR WELL
- 21.98 — POTENTIOMETRIC SURFACE ELEVATION
- * — VALUE NOT USED IN CONTOURING
- POTENTIOMETRIC SURFACE CONTOUR
- GROUNDWATER FLOW DIRECTION
- PROPOSED SOIL BORING
- SD — STORM DRAIN PIPELINE
- SS — SANITARY SEWER PIPELINE
- IW — INDUSTRIAL WASTE PIPELINE
- CHAIN LINK FENCE

0 100 FEET

	BY	DATE
DRAWN	SPS	3/9/10
CHECKED		
APPROVED		
APPROVED		
APPROVED		

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FIGURE 2
POTENTIOMETRIC SURFACE CONTOUR MAP FEBRUARY 18, 2010
AC TRANSIT, EMERYVILLE FACILITY - OAKLAND, CA

SCALE: 1" = 100'

DWG. NO.: 2036-009A

TABLES

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	DTW (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
MW-1	8/31/1999	32.56	None	3.24	29.32	NA
	11/23/1999		None	4.55	28.01	NA
	3/1/2000		None	3.65	28.91	NA
	5/17/2000		None	4.08	28.48	NA
	8/30/2000		None	5.18	27.38	NA
	12/18/2000		None	4.86	27.7	NA
	3/20/2001		None	4.22	28.34	NA
	6/7/2001		None	4.88	27.68	NA
	9/20/2001		None	4.97	27.59	NA
	12/14/2001		None	3.59	28.97	NA
	2/27/2002		None	4.03	28.53	NA
	5/16/2002		None	4.32	28.24	NA
	9/18/2002		None	4.61	27.95	NA
	10/30/2002		None	4.74	27.82	NA
	2/6/2003		None	4.08	28.48	NA
	5/1/2003		None	3.68	28.88	NA
	8/26/2003		None	4.64	27.92	NA
	11/20/2003		None	4.57	27.99	NA
	2/10/2004		None	3.95	28.61	NA
	5/18/2004		None	4.45	28.11	NA
	8/30/2004		None	5.14	27.42	NA
	11/17/2004		None	4.2	28.36	NA
	2/23/2005		None	3.55	29.01	NA
	11/2/2005**		None	5.14	27.42	NA
	5/28/2006**		None	4.05	28.51	NA
	11/12/2006**		None	3.36	29.20	NA
	5/27/2007**		None	4.90	27.66	NA
	11/10/2007**		None	4.65	27.91	NA
	5/25/2008**		None	4.65	27.91	NA
	3/24/2009	**35.66**	None	3.86	31.80	NA
	6/11/2009		None	4.39	31.27	NA
	8/27/2009		None	5.00	30.66	NA
	11/24/2009		None	4.41	31.25	NA
	2/18/2010		**None**	**3.79**	**31.87**	**NA**
MW-2	8/31/1999	32.12	None	5.24	26.88	NA
	11/23/1999		None	4.03	28.09	NA
	3/1/2000		None	3.11	29.01	NA
	5/17/2000		None	3.66	28.46	NA
	8/30/2000		None	4.65	27.47	NA
	12/18/2000		None	4.06	28.06	NA
	3/20/2001		None	3.91	28.21	NA
	6/7/2001		None	4.40	27.72	NA
	9/20/2001		None	4.45	27.67	NA
	12/14/2001		None	3.19	28.93	NA
	2/27/2002		None	3.45	28.67	NA
	5/16/2002		None	3.74	28.38	NA
	9/18/2002		None	4.20	27.92	NA
	10/30/2002		None	4.23	27.89	NA
	2/6/2003		None	3.70	28.42	NA
	5/1/2003		None	3.59	28.53	NA
	8/26/2003		None	4.24	27.88	NA
	11/20/2003		None	4.35	27.77	NA
	2/10/2004		None	3.61	28.51	NA
	5/18/2004		None	3.91	28.21	NA
	8/30/2004		None	4.62	27.50	NA
	11/17/2004		None	3.91	28.21	NA
	2/23/2005		None	3.05	29.07	NA
	11/2/2005**		None	4.65	27.47	NA
	5/28/2006**		None	3.55	28.57	NA
	11/16/2006**		None	3.60	28.52	NA
	5/27/2007**		None	3.73	28.39	NA
	11/10/2007**		None	4.20	27.92	NA
	5/25/2008**		None	4.10	28.02	NA
	3/24/2009	**35.14**	None	3.52	31.62	NA
	6/11/2009		None	4.02	31.12	NA
	8/27/2009		None	4.63	30.51	NA
	11/24/2009		None	4.01	31.13	NA
	2/18/2010		**None**	**3.43**	**31.71**	**NA**

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	DTW (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
MW-3	8/31/1999	34.06	None	6.15	27.91	NA
	11/23/1999		None	5.78	28.28	NA
	3/1/2000		None	4.82	29.24	NA
	5/17/2000		None	5.29	28.77	NA
	8/30/2000		None	6.20	27.86	NA
	12/18/2000		None	5.65	28.41	NA
	3/20/2001		None	5.18	28.88	NA
	6/7/2001		None	6.01	28.05	NA
	9/20/2001		None	5.9	28.16	NA
	12/14/2001		None	4.66	29.40	NA
	2/27/2002		None	5.00	29.06	NA
	5/16/2002		None	5.21	28.85	NA
	9/18/2002		None	5.61	28.45	NA
	10/30/2002		None	5.72	28.34	NA
	2/6/2003		None	4.97	29.09	NA
	5/1/2003		None	4.89	29.17	NA
	8/26/2003		None	5.82	28.24	NA
	11/20/2003		None	5.92	28.14	NA
	2/10/2004		None	4.99	29.07	NA
	5/18/2004		None	5.52	28.54	NA
	8/30/2004		None	6.25	27.81	NA
	11/17/2004		None	5.25	28.81	NA
	2/23/2005		None	4.80	29.26	NA
	11/2/2005**		None	6.21	27.85	NA
	5/28/2006**		None	4.95	29.11	NA
	11/16/2006**		None	5.50	28.56	NA
	5/27/2007**		None	5.28	28.78	NA
	11/10/2007**		None	5.75	28.31	NA
	5/25/2008**		None	5.70	28.36	NA
	3/24/2009	**37.15**	None	4.79	32.36	NA
	6/11/2009		None	5.40	31.75	NA
	8/27/2009		None	6.22	30.93	NA
	11/24/2009		None	5.50	31.65	NA
	2/18/2010		**None**	**4.83**	**32.32**	**NA**
MW-4	8/31/1999	34.11	None	6.22	27.89	NA
	11/23/1999		None	6.01	28.10	NA
	3/1/2000		None	4.74	29.37	NA
	5/17/2000		None	5.33	28.78	NA
	8/30/2000		None	6.26	27.85	NA
	12/18/2000		None	5.66	28.45	NA
	3/20/2001		None	5.46	28.65	NA
	6/7/2001		None	6.02	28.09	NA
	9/20/2001		None	6.06	28.05	NA
	12/14/2001		None	5.39	28.72	NA
	2/27/2002		None	5.28	28.83	NA
	5/16/2002		None	5.39	28.72	NA
	9/18/2002		None	5.61	28.50	NA
	10/30/2002		None	5.70	28.41	NA
	2/6/2003		None	5.39	28.72	NA
	5/1/2003		None	5.25	28.86	NA
	8/26/2003		None	5.88	28.23	NA
	11/20/2003		None	5.84	28.27	NA
	2/10/2004		None	5.10	29.01	NA
	5/18/2004		None	5.58	28.53	NA
	8/30/2004		None	6.30	27.81	NA
	11/17/2004		None	5.34	28.77	NA
	2/23/2005		None	4.75	29.36	NA
	11/2/2005**		None	6.30	27.81	NA
	5/28/2006**		None	5.15	28.96	NA
	11/16/2006**		None	5.40	28.71	NA
	5/27/2007**		None	5.61	28.50	NA
	11/10/2007**		None	5.85	28.26	NA
	5/25/2008**		None	5.80	28.31	NA
	3/24/2009	**37.15**	None	5.12	32.03	NA
	6/11/2009		None	5.62	31.53	NA
	8/27/2009		None	6.21	30.94	NA
	11/24/2009		None	5.84	31.31	NA
	2/18/2010		**None**	**5.32**	**31.83**	**NA**

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	DTW (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
MW-5	8/31/1999	31.70	None	4.51	27.19	NA
	11/23/1999		None	4.00	27.70	NA
	3/1/2000		None	3.31	28.39	NA
	5/17/2000		None	3.59	28.11	NA
	8/30/2000		None	4.53	27.17	NA
	12/18/2000		None	3.97	27.73	NA
	3/20/2001		None	3.68	28.02	NA
	6/7/2001		None	4.37	27.33	NA
	9/20/2001		None	4.46	27.24	NA
	12/14/2001		None	3.23	28.47	NA
	2/27/2002		None	3.44	28.26	NA
	5/16/2002		None	3.68	28.02	NA
	9/18/2002		None	4.04	27.66	NA
	10/30/2002		None	4.21	27.49	NA
	2/6/2003		None	3.61	28.09	NA
	5/1/2003		None	3.15	28.55	NA
	8/26/2003		None	4.00	27.70	NA
	11/20/2003		None	4.20	27.50	NA
	2/10/2004		None	3.38	28.32	NA
	5/18/2004		None	3.75	27.95	NA
	8/30/2004		None	4.55	27.15	NA
	11/17/2004		None	3.62	28.08	NA
	2/23/2005		None	2.98	28.72	NA
	11/2/2005**		None	4.55	27.15	NA
	5/28/2006**		None	3.62	28.08	NA
	11/12/2006**		None	2.50	29.20	NA
	5/27/2007**		None	3.64	28.06	NA
	11/10/2007**		None	4.10	27.60	NA
	5/25/2008**		None	4.05	27.65	NA
	3/24/2009	**34.84**	None	3.22	31.62	NA
	6/11/2009		None	3.85	30.99	NA
	8/27/2009		None	4.47	30.37	NA
	11/24/2009		None	3.87	30.97	NA
	2/18/2010		**None**	**3.24**	**31.60**	**NA**
MW-6	8/31/1999	31.02	None	4.40	26.62	NA
	11/23/1999		None	3.81	27.21	NA
	3/1/2000		None	2.88	28.14	NA
	5/17/2000		None	3.44	27.58	NA
	8/30/2000		None	4.40	26.62	NA
	12/18/2000		None	3.61	27.41	NA
	3/20/2001		None	3.16	27.86	NA
	6/7/2001		None	4.18	26.84	NA
	9/20/2001		Sheen	4.22	26.80	NA
	12/14/2001		None	3.62	27.40	NA
	2/27/2002		None	2.94	28.08	NA
	5/16/2002		None	3.53	27.49	NA
	9/18/2002		None	3.97	27.05	NA
	10/30/2002		None	3.96	27.06	NA
	2/6/2003		None	2.97	28.05	NA
	5/1/2003		None	3.98	27.04	NA
	8/26/2003		None	3.82	27.20	NA
	11/20/2003		None	3.78	27.24	NA
	2/10/2004		None	2.94	28.08	NA
	5/18/2004		None	3.47	27.55	NA
	8/30/2004		None	4.22	26.80	NA
	11/17/2004		None	3.19	27.83	NA
	2/23/2005		None	2.32	28.70	NA
	11/2/2005**		None	4.21	26.81	NA
	5/28/2006**		None	3.00	28.02	NA
	11/16/2006**		None	3.30	27.72	NA
	5/27/2007**		None	3.20	27.82	NA
	11/10/2007**		None	3.65	27.37	NA
	5/25/2008**		None	3.70	27.32	NA
	3/24/2007	**34.09**	None	2.78	31.31	NA
	6/11/2009		None	3.46	30.63	NA
	8/27/2009		None	4.10	29.99	NA
	11/24/2009		None	3.47	30.62	NA
	2/18/2010		**None**	**2.72**	**31.37**	**NA**

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	DTW (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
MW-7	8/31/1999	29.62	None	5.47	24.15	NA
	11/23/1999		None	4.93	24.69	NA
	3/1/2000		None	4.06	25.56	NA
	5/17/2000		None	4.69	24.93	NA
	8/30/2000		None	5.50	24.12	NA
	12/18/2000		None	5.78	23.84	NA
	3/20/2001		None	4.83	24.79	NA
	6/7/2001		None	4.80	24.82	NA
	9/20/2001		None	5.19	24.43	NA
	12/14/2001		None	4.68	24.94	NA
	2/27/2002		None	4.53	25.09	NA
	5/16/2002		None	4.34	25.28	NA
	9/18/2002		None	5.28	24.34	NA
	10/30/2002		None	5.51	24.11	NA
	2/6/2003		None	4.36	25.26	NA
	5/1/2003		None	4.76	24.86	NA
	8/26/2003		None	5.25	24.37	NA
	11/20/2003		None	5.26	24.36	NA
	2/10/2004		None	4.31	25.31	NA
	5/18/2004		None	4.46	25.16	NA
	8/30/2004		None	5.61	24.01	NA
	11/17/2004		None	4.82	24.80	NA
	2/23/2005		None	4.14	25.48	NA
	11/2/2005**		None	5.50	24.12	NA
	5/28/2006**		None	4.25	25.37	NA
	11/16/2006**		None	5.70	23.92	NA
	5/27/2007**		None	4.54	25.08	NA
	11/10/2007**		None	5.15	24.47	NA
	5/25/2008**		None	5.40	24.22	NA
	3/24/2009	**32.67**	None	4.31	28.36	NA
	6/11/2009		None	5.16	27.51	NA
	8/27/2009		None	5.39	27.28	NA
	11/24/2009		None	5.19	27.48	NA
	2/18/2010		**None**	**5.30**	**27.37**	**NA**
MW-8	8/31/1999	29.43	None	5.35	24.08	NA
	11/23/1999		None	4.75	24.68	NA
	3/1/2000		None	4.48	24.95	NA
	5/17/2000		None	4.78	24.65	NA
	8/30/2000		None	5.02	24.41	NA
	12/18/2000		None	5.23	24.20	NA
	3/20/2001		None	4.70	24.73	NA
	6/7/2001		None	5.13	24.30	NA
	9/20/2001		None	5.68	23.75	NA
	12/14/2001		None	4.26	25.17	NA
	2/27/2002		None	4.18	25.25	NA
	5/16/2002		None	4.58	24.85	NA
	9/18/2002		None	4.96	24.47	NA
	10/30/2002		None	4.99	24.44	NA
	2/6/2003		None	4.41	25.02	NA
	5/1/2003		None	4.29	25.14	NA
	8/26/2003		None	4.58	24.85	NA
	11/20/2003		None	4.69	24.74	NA
	2/10/2004		None	4.22	25.21	NA
	5/18/2004		None	4.52	24.91	NA
	8/30/2004		None	4.79	24.64	NA
	11/17/2004		None	4.56	24.87	NA
	2/23/2005		None	4.08	25.35	NA
	11/2/2005**		None	5.05	24.38	NA
	5/28/2006**		None	4.95	24.48	NA
	11/12/2006**		None	4.70	24.73	NA
	5/27/2007**		None	4.08	25.35	NA
	11/10/2007**		None	4.70	24.73	NA
	5/25/2008**		None	4.70	24.73	NA
	3/24/2009	**32.44**	None	4.21	28.23	NA
	6/11/2009		None	4.56	27.88	NA
	8/27/2009		None	4.90	27.54	NA
	11/24/2009		None	4.64	27.80	NA
	2/18/2010		**None**	**4.23**	**28.21**	**NA**

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	DTW (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
MW-9	8/31/1999	29.18	None	4.15	25.03	NA
	11/23/1999		None	3.93	25.25	NA
	3/1/2000		None	3.69	25.49	NA
	5/17/2000		None	3.56	25.62	NA
	8/30/2000		None	4.64	24.54	NA
	12/18/2000		None	4.02	25.16	NA
	3/20/2001		None	3.92	25.26	NA
	6/7/2001		None	4.28	24.90	NA
	9/20/2001		None	5.12	24.06	NA
	12/14/2001		None	3.87	25.31	NA
	2/27/2002		None	4.48	24.70	NA
	5/16/2002		None	5.13	24.05	NA
	9/18/2002		None	4.48	24.70	NA
	10/30/2002		None	3.90	25.28	NA
	2/6/2003		None	3.65	25.53	NA
	5/1/2003		None	4.50	24.68	NA
	8/26/2003		None	4.33	24.85	NA
	11/20/2003		None	3.83	25.35	NA
	2/10/2004		None	3.17	26.01	NA
	5/18/2004		None	3.42	25.76	NA
	8/30/2004		None	3.45	25.73	NA
	11/17/2004		None	3.44	25.74	NA
	2/23/2005		None	3.28	25.90	NA
	11/2/2005**		None	4.26	24.92	NA
	5/28/2006**		None	3.70	25.48	NA
	11/12/2006**		None	3.50	25.68	NA
	5/27/2007**		None	3.43	25.75	NA
	11/10/2007**		None	3.75	25.43	NA
	5/25/2008**		None	2.80	26.38	NA
	3/24/2009	**32.31**	None	3.31	29.00	NA
	6/11/2009		None	3.48	28.83	NA
	8/27/2009		None	3.58	28.73	NA
	11/24/20090		None	3.69	28.62	NA
	2/18/2010		**None**	**3.29**	**29.02**	**NA**
MW-10	8/31/1999	29.13	None	9.59	19.54	NA
	11/23/1999		None	9.44	19.69	NA
	3/1/2000		None	9.06	20.07	NA
	5/17/2000		None	9.31	19.82	NA
	8/30/2000		None	9.68	19.45	NA
	12/18/2000		None	9.41	19.72	NA
	3/20/2001		None	9.23	19.90	NA
	6/7/2001		None	9.60	19.53	NA
	9/20/2001		None	9.70	19.43	NA
	12/14/2001		None	8.83	20.30	NA
	2/27/2002		None	9.15	19.98	NA
	5/16/2002		None	9.45	19.68	NA
	9/18/2002		None	9.65	19.48	NA
	10/30/2002		None	9.73	19.40	NA
	2/6/2003		None	9.34	19.79	NA
	5/1/2003		None	9.14	19.99	NA
	8/26/2003		None	9.69	19.44	NA
	11/20/2003		None	9.62	19.51	NA
	2/10/2004		None	9.20	19.93	NA
	5/18/2004		None	9.58	19.55	NA
	8/30/2004		None	9.85	19.28	NA
	11/17/2004		None	9.26	19.87	NA
	2/23/2005		None	8.60	20.53	NA
	11/2/2005**		None	9.81	19.32	NA
	5/28/2006**		None	9.55	19.58	NA
	11/16/2006**		**Well not accessible.**			
	2/24/2007**		None	9.00	20.13	NA
	5/27/2007**		None	9.45	19.68	NA
	11/10/2007**		None	9.70	19.43	NA
	5/25/2008**		None	10.15	18.98	NA
	3/24/2009	**31.92**	None	9.45	22.47	NA
	6/11/2009		None	9.93	21.99	NA
	8/27/2009		None	9.89	22.03	NA
	11/24/2009		None	9.46	22.46	NA
	2/18/2010		**None**	**9.31**	**22.61**	**NA**

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	DTW (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
MW-11	9/20/2001	28.93	None	4.41	24.52	NA
	12/14/2001		None	1.82	27.11	NA
	2/27/2002		None	2.39	26.54	NA
	5/16/2002		None	2.98	25.95	NA
	9/18/2002		None	4.00	24.93	NA
	10/30/2002		None	4.14	24.79	NA
	2/6/2003		None	2.59	26.34	NA
	5/1/2003		None	2.26	26.67	NA
	8/26/2003		None	3.79	25.14	NA
	11/20/2003		None	3.66	25.27	NA
	2/10/2004		None	2.40	26.53	NA
	5/18/2004		None	3.20	25.73	NA
	8/30/2004		None	4.43	24.50	NA
	11/17/2004		None	2.36	26.57	NA
	2/23/2005		None	2.05	26.88	NA
	11/2/2005**		None	4.30	24.63	NA
	2/22/2006**		None	2.50	26.43	NA
	5/28/2006**		None	2.85	26.08	NA
	8/27/2006**		None	3.00	25.93	NA
	11/12/2006**		None	3.02	25.91	NA
	2/24/2007**		None	2.15	26.78	NA
	5/27/2007**		None	2.78	26.15	NA
	9/2/2007**		None	4.20	24.73	NA
	11/10/2007**		None	3.30	25.63	NA
	2/28/2008**		None	2.31	26.62	NA
	5/25/2008**		None	3.70	25.23	NA
	11/2/2008**		None	2.98	25.95	NA
	3/24/2009	**31.95**	None	2.37	29.58	NA
	6/11/2009		None	3.18	28.77	NA
	8/27/2009		None	4.32	27.63	NA
	11/24/2009		None	3.04	28.91	NA
	2/18/2010		**None**	**2.44**	**29.51**	**NA**
MW-12	9/20/2001	28.68	None	10.41	18.27	NA
	12/14/2001		None	9.62	19.06	NA
	2/27/2002		None	10.09	18.59	NA
	5/16/2002		None	10.04	18.64	NA
	9/18/2002		None	10.66	18.02	NA
	10/30/2002		None	10.62	18.06	NA
	2/6/2003		None	9.97	18.71	NA
	5/1/2003		None	9.78	18.90	NA
	8/26/2003		None	10.70	17.98	NA
	11/20/2003		None	10.53	18.15	NA
	2/10/2004		None	9.80	18.88	NA
	5/18/2004		None	10.13	18.55	NA
	8/30/2004		None	10.32	18.36	NA
	11/17/2004		None	9.91	18.77	NA
	2/23/2005		None	9.29	19.39	NA
	11/2/2005**		None	10.76	17.92	NA
	2/22/2006**		None	10.50	18.18	NA
	5/28/2006**		None	10.82	17.86	NA
	8/27/2006**		None	10.50	18.18	NA
	11/16/2006**		None	10.80	17.88	NA
	2/24/2007**		None	10.30	18.38	NA
	5/27/2007**		None	10.88	17.80	NA
	9/2/2007**		None	10.70	17.98	NA
	11/10/2007**		None	10.90	17.78	NA
	2/28/2008**		None	11.35	17.33	NA
	5/25/2008**		None	11.80	16.88	NA
	11/2/2008**		None	10.50	18.18	NA
	3/24/2009	**31.76**	None	10.31	21.45	NA
	6/11/2009		None	10.38	21.38	NA
	8/27/2009		None	10.99	20.77	NA
	11/24/2009		None	10.35	21.41	NA
	2/18/2010		**None**	**9.78**	**21.98**	**NA**

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	DTW (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
MW-13	9/20/2001	22.715	None	8.83	13.89	NA
	12/14/2001		None	7.95	14.77	NA
	2/27/2002		None	7.64	15.08	NA
	5/16/2002		None	8.43	14.29	NA
	9/18/2002		6.86	15.09	7.63	13.11
	10/30/2002		6.04	14.29	8.43	13.26
	2/6/2003		0.09	8.25	14.47	14.54
	5/1/2003		0.24	7.29	15.43	15.62
	8/26/2003		0.39	9.70	13.02	13.33
	11/20/2003		0.85	9.85	12.87	13.55
	2/10/2004		0.88	10.59	12.13	12.83
	5/18/2004		0.92	10.70	12.02	12.75
	8/30/2004		1.06	9.36	13.36	14.20
	11/17/2004		0.25	9.74	12.98	13.18
	2/23/2005		0.07	6.49	16.23	16.28
	11/2/2005**		0.063	9.10	13.62	13.67
	2/22/2006**		0.167	NM	NM	NM
	5/28/2006**		NM	NM	NM	NM
	11/16/2006**		0.017	NM	NM	NM
	5/27/2007**		0.045	9.45	13.27	13.30
	9/2/2007**		1.1	10.30	12.42	13.30
	11/10/2007**		1.22	10.62	12.10	13.07
	2/28/2008**		0.7	9.90	12.82	13.38
	5/25/2008**		1.1	10.50	12.22	13.10
	11/2/2008**		1.1	10.40	12.32	13.20
	3/24/2009	**26.70**	0.36	9.25	17.45	17.74
	6/11/2009		0.28	10.45	16.25	16.47
	8/27/2009		0.35	10.78	15.92	16.20
	11/24/2009		0.38	9.55	17.15	17.45
	2/18/2010		**0.35**	**9.13**	**17.57**	**17.85**
MW-14	3/24/2009	**25.98**	None	8.63	17.35	NA
	6/11/2009		None	9.16	16.82	NA
	8/27/2009		None	9.46	16.52	NA
	11/24/2009		None	9.82	16.16	NA
	2/18/2010		**None**	**8.58**	**17.40**	**NA**
MW-15	3/24/2009	**24.22**	None	6.95	17.27	NA
	6/11/2009		None	8.82	15.40	NA
	8/27/2009		None	9.51	14.71	NA
	11/24/2009		None	8.63	15.59	NA
	2/18/2010		**None**	**7.62**	**16.60**	**NA**
MW-16	3/24/2009	**22.90**	None	6.43	16.47	NA
	6/11/2009		None	7.36	15.54	NA
	8/27/2009		None	8.89	14.01	NA
	11/24/2009		None	7.18	15.72	NA
	2/18/2010		**None**	**6.17**	**16.73**	**NA**
W-1	3/2/2000	33.43	None	4.08	29.35	NA
	5/17/2000		None	5.41	28.02	NA
	8/30/2000		None	6.71	26.72	NA
	12/18/2000		None	5.73	27.70	NA
	3/20/2001		None	5.16	28.27	NA
	6/7/2001		None	6.10	27.33	NA
	9/20/2001		None	6.58	26.85	NA
	12/14/2001		None	4.69	28.74	NA
	2/27/2002		None	4.94	28.49	NA
	5/16/2002		None	5.54	27.89	NA
	9/18/2002		None	6.08	27.35	NA
	10/30/2002		None	6.24	27.19	NA
	2/6/2003		None	5.17	28.26	NA
	5/1/2003		None	4.71	28.72	NA
	8/26/2003		None	6.14	27.29	NA
	11/20/2003		None	6.19	27.24	NA
	2/10/2004		None	4.95	28.48	NA
	5/18/2004		None	5.70	27.73	NA
	8/30/2004		None	6.64	26.79	NA
	11/17/2004		None	5.36	28.07	NA
	2/23/2005		None	4.26	29.17	NA
	11/2/2005**		None	6.59	26.84	NA
	5/28/2006**		None	5.15	28.28	NA
	11/16/2006**		None	5.50	27.93	NA
	5/27/2007**		None	5.80	27.63	NA
	11/10/2007**		None	5.95	27.48	NA
	5/25/2008**		None	5.95	27.48	NA
	3/24/2009	**36.57**	None	4.77	31.80	NA
	6/11/2009		None	5.68	30.89	NA
	8/27/2009		None	6.67	29.90	NA
	11/24/2009		None	5.71	30.86	NA
	2/18/2010		**None**	**4.72**	**31.85**	**NA**

TABLE 1
GROUNDWATER LEVEL MEASUREMENTS
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	DTW (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
W-2	5/17/2000	34.21	None	5.60	28.61	NA
	8/30/2000		None	7.37	26.84	NA
	12/18/2000		None	6.44	27.77	NA
	1/23/2001					**abandoned**
W-3	5/17/2000	37.46	None	6.38	31.08	NA
	8/30/2000		None	8.16	29.30	NA
	12/18/2000		None	7.19	30.27	NA
	3/20/2001		None	5.70	31.76	NA
	6/7/2001		None	7.51	29.95	NA
	9/20/2001		None	7.83	29.63	NA
	12/14/2001		None	4.76	32.70	NA
	2/27/2002		None	5.32	32.14	NA
	5/16/2002		None	6.45	31.01	NA
	9/18/2002		None	7.10	30.36	NA
	10/30/2002		None	7.30	30.16	NA
	2/6/2003		None	5.69	31.77	NA
	5/1/2003		None	4.97	32.49	NA
	8/26/2003		None	7.52	29.94	NA
	11/20/2003		None	7.58	29.88	NA
	2/10/2004		None	5.63	31.83	NA
	5/18/2004		None	6.20	31.26	NA
	8/30/2004		None	8.39	29.07	NA
	11/17/2004		None	6.57	30.89	NA
	2/23/2005		None	4.24	33.22	NA
	11/2/2005**		None	8.24	29.22	NA
	5/28/2006**		None	6.32	31.14	NA
	11/16/2006**		None	6.80	30.66	NA
	5/27/2007**		None	6.73	30.73	NA
	11/10/2007**		None	7.55	29.91	NA
	5/25/2008**		None	7.50	29.96	NA
	3/24/2009	**40.41**	None	5.67	34.74	NA
	6/11/2009		None	4.09	36.32	NA
	8/27/2009		None	8.30	32.11	NA
	11/24/2009		None	7.21	33.20	NA
	2/18/2010		**None**	**5.56**	**34.85**	**NA**
W-4	3/2/2000	31.72	None	3.34	28.38	NA
	5/17/2000		None	3.86	27.86	NA
	8/30/2000		None	4.99	26.73	NA
	12/18/2000		None	4.20	27.52	NA
	3/20/2001		None	3.75	27.97	NA
	6/7/2001		None	4.67	27.05	NA
	9/20/2001		None	4.80	26.92	NA
	12/14/2001		None	3.22	28.50	NA
	2/27/2002		None	3.58	28.14	NA
	5/16/2002		None	3.89	27.83	NA
	9/18/2002		None	4.24	27.48	NA
	10/30/2002		None	4.56	27.16	NA
	2/6/2003		None	3.67	28.05	NA
	5/1/2003		None	2.61	29.11	NA
	8/26/2003		None	4.47	27.25	NA
	11/20/2003		None	4.42	27.30	NA
	2/10/2004		None	3.54	28.18	NA
	5/18/2004		None	4.11	27.61	NA
	8/30/2004		None	4.85	26.87	NA
	11/17/2004		None	3.81	27.91	NA
	2/23/2005		None	2.97	28.75	NA
	11/2/2005**		None	4.70	27.02	NA
	5/28/2006**		None	4.50	27.22	NA
	11/16/2006**		None	3.90	27.82	NA
	5/27/2007**		None	3.82	27.90	NA
	11/10/2007**		None	4.30	27.42	NA
	5/25/2008**		None	4.40	27.32	NA
	3/24/2009	**34.81**	None	3.63	31.18	NA
	6/11/2009		None	7.26	27.55	NA
	8/27/2009		None	4.43	30.38	NA
	11/24/2009		None	4.12	30.69	NA
	2/18/2010		**None**	**5.56**	**29.25**	**NA**

Notes:
* used 0.8 specific gravity of product
ft-msl:feet mean sea level
DTW: Depth to water
NA: not applicable

** Essel Technology Services, Inc. data.

TABLE 2
ANALYTICAL RESULTS GROUNDWATER SAMPLES
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	TPH-8015 (diesel)	TPH-8015 (gas)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MCL (ug/l)		**None**	**None**	**1.0**	**150**	**300**	**1750**	**13**
ESL (ug/l)		**100**	**100**	**1.0**	**40**	**30**	**20**	**5**
MW-1	8/31/1999	310	NA	<1.0	2.4	1	1.6	NA
	11/23/1999	250	NA	<1.0	<1.0	<1.0	<1.0	NA
	3/1/2000	310	62	<1.0	<1.0	<1.0	<2.0	687
	5/17/2000	390	63	<1.0	<1.0	<1.0	<2.0	74
	8/31/2000	180	<50	<1.0	<1.0	<1.0	<2.0	49
	12/18/2000	310	<50	<1.0	<1.0	<1.0	<2.0	44
	3/21/2001	240	<50	<1.0	<1.0	<1.0	<2.0	17
	6/7/2001	540	<50	<1.0	<1.0	<1.0	<2.0	32
	9/20/2001	290	<50	<1.0	<1.0	<1.0	<2.0	29
	2/27/2002	<250	<50	<1.0	<1.0	<1.0	<2.0	14
	9/18/2002	230	<50	<1.0	<1.0	<1.0	<2.0	30
	2/6/2003	82	<50	<0.5	<0.5	<0.5	<1.0	17
	8/26/2003	200	<50	<0.5	<0.5	<0.5	<1.0	9.8
	2/10/2004	4,800	<50	<0.5	<0.5	<0.5	<1.0	6.6
	8/30/2004	<56	<50	<0.5	<0.5	<0.5	<1.5	4.2
	2/23/2005	<50	<50	<0.5	<0.5	<0.5	<1.0	6.1
	11/3/2005*	70	<50	<0.5	<0.5	<0.5	<0.5	4.5
	5/29/2006*	89	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/12/2006*	65	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	65	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/10/2007*	59	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/25/2008*	60	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/24/2009	<100	<50	<1.0	<1.0	<1.0	<2.0	1.1
	8/27/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	1.5
	2/18/2010	**<94**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<1.0**
MW-2	8/31/1999	180	NA	<1.0	<1.0	<1.0	1.2	NA
	11/23/1999	120	NA	<1.0	<1.0	<1.0	<5.0	NA
	3/1/2000	510	<50	<1.0	<1.0	<1.0	<2.0	81
	5/17/2000	1,100	<50	<1.0	<1.0	<1.0	<2.0	87
	8/31/2000	620	<50	<1.0	<1.0	<1.0	<2.0	65
	12/19/2000	830	<50	<1.0	<1.0	<1.0	<2.0	70
	3/21/2001	900	<50	<2.0	<2.0	<2.0	<4.0	33
	6/7/2001	810	<50	<1.0	<1.0	<1.0	<2.0	43
	9/20/2001	1,200	<50	<1.0	<1.0	<1.0	<2.0	35
	2/27/2002	<250	<50	<1.0	<1.0	<1.0	<2.0	19
	9/18/2002	180	<50	<1.0	<1.0	<1.0	<2.0	17
	2/6/2003	58	<50	<0.5	<0.5	<0.5	<1.0	18
	8/26/2003	150	<50	<0.5	<0.5	<0.5	<1.0	15
	2/11/2004	<50	<50	<0.5	<0.5	<0.5	<1.0	5.2
	8/30/2004	<56	<50	<0.5	<0.5	<0.5	<1.5	6.3
	2/23/2005	<50	<50	<0.5	<0.5	<0.5	<1.0	8.4
	11/3/2005*	110	<50	<0.5	<0.5	<0.5	<0.5	4.9
	5/29/2006*	70	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/16/2006*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	75	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/10/2007*	62	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/25/2008*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/24/2009	<97	<50	<1.0	<1.0	<1.0	<2.0	2.9
	8/27/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	2.4
	2/18/2010	**<130**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**2.5**
MW-3	8/31/1999	2,700	NA	<1.0	<1.0	<1.0	<1.0	NA
	11/23/1999	640	NA	<1.0	<1.0	<1.0	<1.0	NA
	3/1/2000	<250	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	5/17/2000	620	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	8/31/2000	1,800	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	12/18/2000	NA	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	3/21/2001	1,700	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	6/7/2001	770	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	9/21/2001	260	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	2/27/2002	560	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	9/18/2002	340	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	2/6/2003	<50	<50	<0.5	<0.5	<0.5	<1.0	3.9
	8/26/2003	5,800	<50	<0.5	<0.5	<0.5	<1.0	4.9
	2/11/2004	<50	<50	<0.5	<0.5	<0.5	<1.0	3.4
	8/30/2004	<56	<50	<0.5	<0.5	<0.5	1.5	4
	2/23/2005	<50	<50	<0.5	<0.5	<0.5	<1.0	5.4
	11/3/2005*	180	<50	<0.5	<0.5	<0.5	<0.5	3.2
	5/29/2006*	180	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/16/2006*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/10/2007*	730	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/25/2008*	910	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/25/2009	<110	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	8/27/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	2/18/2010	**<95**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<1.0**

TABLE 2
ANALYTICAL RESULTS GROUNDWATER SAMPLES
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	TPH-8015 (diesel)	TPH-8015 (gas)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MCL (ug/l)		**None**	**None**	**1.0**	**150**	**300**	**1750**	**13**
ESL (ug/l)		**100**	**100**	**1.0**	**40**	**30**	**20**	**5**
MW-4	8/31/1999	<50	NA	<1.0	<1.0	<1.0	1.6	NA
	11/23/1999	<50	NA	<1.0	<1.0	<1.0	<1.0	NA
	3/1/2000	<250	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	5/17/2000	80	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	8/31/2000	<250	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	12/18/2000	<250	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	3/20/2001	<250	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	6/7/2001	<250	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	11/3/2005*	<50	<50	<0.5	<0.5	<0.5	<0.5	4.1
	5/29/2006*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/16/2006*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/10/2007*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/25/2008*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/25/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	1.0
	8/27/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	2/18/2010	**<95**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<1.0**
MW-5	8/31/1999	250	NA	<1.0	<1.0	<1.0	1	NA
	11/23/1999	300	NA	<1.0	<1.0	<1.0	<5.0	NA
	3/1/2000	340	<50	<1.0	<1.0	<1.0	<2.0	100
	5/17/2000	230	<50	<1.0	<1.0	<1.0	<2.0	86
	8/31/2000	220	<50	<1.0	<1.0	<1.0	<2.0	59
	12/18/2000	360	<50	<1.0	<1.0	<1.0	<2.0	57
	3/20/2001	250	<50	<5.0	<5.0	<5.0	<10	87
	6/7/2001	600	<50	<1.0	<1.0	<1.0	<2.0	74
	11/3/2005*	1,500	<50	<0.5	<0.5	<0.5	<0.5	5.7
	5/29/2006*	200	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/12/2006*	130	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	180	140	<0.5	<0.5	<0.5	<0.5	<10
	11/10/2007*	110	170	<0.5	<0.5	0.59	1.3	<10
	5/25/2008*	200	82	<0.5	<0.5	<0.5	<0.5	<5.0
	3/25/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	1.1
	8/28/2009	<95	435	<1.0	<1.0	<1.0	<2.0	3.6
	2/18/2010	**<94**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**1.9**
MW-6	8/31/1999	140,000	NA	77	18	31	49	NA
	11/23/1999	6,100	NA	45	14	6.9	48	NA
	3/1/2000	22,000	2,800	6.8	<2.0	<2.0	<10	<5.0
	5/17/2000	1,800	6,200	77	16	39	37	<5.0
	8/31/2000	76,000	5,300	60	13	43	45.7	<5.0
	12/19/2000	6,300	1,300	26.0	4.9	8.4	11.5	<5.0
	3/21/2001	5,100	1,900	49.0	9.5	13	12	<10
	6/7/2001	14,000	2,600	47.0	10	13	19	<10
	9/21/2001	15,000	4,000	180	14	24	40	<50
	2/27/2002	43,000	5,000	68	16	52	41.8	<25
	9/18/2002	320,000	2,000	74	7.3	22	25	<5.0
	2/6/2003	4,300	2,600	63	8.2	18	15	<1.0
	8/26/2003	68,000	6,500	110	16	44	42	<10
	2/10/2004	19,000	3,500	37	4.9	24	15	<5
	8/30/2004	<56	<50	86	7.8	15	27	<5
	2/23/2005	4,930	687	7.9	2	0.9	4.3	<0.5
	11/3/2005*	2,000	750	13	1.9	2.9	4.6	1.4
	5/29/2006*	12,000	2,700	55	5.7	16	26	<15
	11/16/2006*	2,100	530	12	0.82	0.58	2.8	<5.0
	5/27/2007*	2,500	5,200	110	5.1	23	17	<60
	11/10/2007*	9,300	2,100	30	<1.7	3.9	4	<17
	5/25/2008*	20,000	5,000	88	<2.5	31	14	<25
	3/25/2009	2,610	785	8.9	<2.0	2.9	<4.0	<2.0
	8/28/2009	4,080	5,160	112	<10	27.1	21.5	<10
	2/19/2010	**2,330**	**1,790**	**39.8**	**4.9**	**8.2**	**8.3**	**<2.0**
MW-7	8/31/1999	1,400	NA	<1.0	2.9	2.3	2.7	NA
	11/23/1999	530	NA	<1.0	<1.0	<1.0	<1.0	NA
	3/1/2000	640	860	<1.0	<1.0	<1.0	<2.0	<20
	5/17/2000	430	410	<1.0	<1.0	<1.0	<2.0	9.5
	8/31/2000	950	1100	<1.0	<1.0	<1.0	<2.0	<5.0
	12/18/2000	1,100	820	<1.0	<1.0	<1.0	<2.0	<5.0
	3/20/2001	770	1000	<1.0	1.4	<1.0	<2.0	<5.0
	6/7/2001	1,400	870	<1.0	<1.0	<1.0	<2.0	<5.0
	9/21/2001	940	1000	<1.0	<1.0	<2.0	<5.0	<5.0
	2/27/2002	430	930	<1.0	<1.0	<1.0	<2.0	<5.0
	9/18/2002	440	870	<1.0	<1.0	<1.0	<2.0	<5.0
	2/6/2003	230	890	<0.5	<0.5	<0.5	<1.0	1.6
	8/26/2003	470	590	<0.5	<0.5	<0.5	<1.0	1.5
	2/11/2004	140	690	<0.5	1.9	0.57	1.0	1.1
	8/30/2004	<56	200	<0.5	<0.5	<0.5	<1.5	1.5
	2/23/2005	290	283	<0.5	<0.5	<0.5	<1.0	1.1
	11/3/2005*	140	310	<0.5	<0.5	<0.5	<0.5	2.3
	5/29/2006*	120	260	<0.5	<0.5	<0.5	<0.5	<5.0
	11/12/2006*	96	120	<0.5	<0.5	<0.5	0.76	<5.0
	5/27/2007*	220	700	<0.5	<0.5	1.0	2.0	<5.0
	11/10/2007*	150	220	<0.5	<0.5	<0.5	1.0	<5.0
	5/25/2008*	270	620	0.81	<0.5	0.85	1.8	<10
	3/25/2009	<99	529	<1.0	<1.0	<1.0	<2.0	<1.0
	8/28/2009	<95	205	<1.0	<1.0	<1.0	<2.0	1.3
	2/19/2010	**<100**	**173**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<1.0**

TABLE 2
ANALYTICAL RESULTS GROUNDWATER SAMPLES
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	TPH-8015 (diesel)	TPH-8015 (gas)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MCL (ug/l)		**None**	**None**	**1.0**	**150**	**300**	**1750**	**13**
ESL (ug/l)		**100**	**100**	**1.0**	**40**	**30**	**20**	**5**
MW-8	8/31/1999	230	NA	<1.0	<1.0	1.2	<1.0	NA
	11/23/1999	220	NA	<1.0	<1.0	<1.0	<1.0	NA
	3/1/2000	260	150	<1.0	<1.0	<1.0	<2.0	<5.0
	5/17/2000	660	310	<1.0	<1.0	<1.0	<2.0	<5.0
	8/31/2000	460	300	<1.0	<1.0	<1.0	1.4	<5.0
	12/18/2000	370	230	<1.0	<1.0	<1.0	<2.0	<5.0
	3/20/2001	1,700	64	<1.0	<1.0	<1.0	<2.0	<5.0
	6/7/2001	1,300	180	<1.0	<1.0	<1.0	<2.0	<5.0
	11/3/2005*	280	150	<0.5	<0.5	<0.5	<0.5	0.69
	5/29/2006*	150	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/12/2006*	<50	95	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	140	140	<0.5	<0.5	<0.5	<0.5	<5.0
	11/10/2007*	160	240	<0.5	<0.5	<0.5	<0.5	<5.0
	5/25/2008*	160	230	<0.5	<0.5	<0.5	0.61	<5.0
	3/25/2009	<95	72.8	<1.0	<1.0	<1.0	<2.0	1.2
	8/28/2009	<95	62.1	<1.0	<1.0	<1.0	<2.0	1.0
	2/19/2010	**<100**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**1.1**
MW-9	8/31/1999	2,800	NA	<1.0	<1.0	<1.0	1.1	NA
	11/23/1999	1,300	NA	<1.0	<1.0	<1.0	<1.0	NA
	3/1/2000	510	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	5/17/2000	990	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	8/31/2000	1,100	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	12/18/2000	1,900	<50	<1.0	<1.0	<1.0	<2.0	5.9
	3/20/2001	1,500	<50	<1.0	<1.0	<1.0	<2.0	5.5
	6/7/2001	590	<50	<1.0	<1.0	<1.0	<2.0	8.1
	9/20/2001	790	<50	<1.0	<1.0	<1.0	<2.0	8.5
	2/27/2002	650	<50	<1.0	<1.0	<1.0	<2.0	9.5
	9/18/2002	480	<50	<1.0	<1.0	<1.0	<2.0	6.2
	2/6/2003	54	<50	<0.5	<0.5	<0.5	<1.0	5.5
	8/26/2003	1,300	<50	<0.5	<0.5	<0.5	<1.0	6.6
	2/10/2004	6,200	250	<0.5	<0.5	<0.5	<1.0	4.4
	8/30/2004	<50	<50	<0.5	<0.5	<0.5	<1.5	3.6
	2/23/2005	<0.5	<50	<0.5	<0.5	<0.5	<1.0	6.0
	11/3/2005*	470	<50	<0.5	<0.5	<0.5	<0.5	4.8
	5/29/2006*	190	<50	<0.5	<0.5	<0.5	<0.5	5.2
	11/12/2006*	65	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	1,000	<50	<0.5	0.92	<0.5	<0.5	<5.0
	11/10/2007*	930	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/25/2008*	740	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	3/25/2009	<390	<50	<1.0	<1.0	<1.0	<2.0	3.5
	8/28/2009	<480	<50	<1.0	<1.0	<1.0	<2.0	3.7
	2/19/2010	**<190**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**3.7**
MW-10	8/31/1999	1,100	NA	<1.0	1.2	2.0	<1.0	NA
	11/23/1999	1,200	NA	<1.0	<1.0	<1.0	<1.0	NA
	3/1/2000	1,300	540	<1.0	<1.0	<1.0	<2.0	NA
	5/17/2000	990	460	<1.0	<1.0	<1.0	<2.0	6.9
	8/31/2000	840	320	<1.0	<1.0	<1.0	<2.0	25
	12/18/2000	900	290	<1.0	<1.0	<1.0	<2.0	<9.0
	3/21/2001	620	220	<1.0	<1.0	<1.0	<2.0	<5.0
	6/7/2001	1,300	360	<1.0	<1.0	<1.0	<2.0	15
	9/20/2001	1,000	350	<1.0	<1.0	<1.0	<2.0	44
	2/27/2002	610	150	<1.0	<1.0	<1.0	<2.0	<5.0
	9/18/2002	850	240	<1.0	1.2	<1.0	<2.0	20
	2/6/2003	510	200	<0.5	<0.5	<0.5	<1.0	2.8
	8/26/2003	1,100	250	<0.5	<0.5	<0.5	<1.0	14
	2/10/2004	260	190	<0.5	<0.5	<0.5	<1.0	1.6
	8/30/2004	310	240	<0.5	<0.5	<0.5	<1.5	6.7
	2/23/2005	310	207	<0.5	0.7	1.4	1.3	<0.5
	11/3/2005*	600	300	<0.5	<0.5	<0.5	<0.5	4.1
	5/29/2006*	540	140	<0.5	<0.5	<0.5	<0.5	<5.0
	11/16/2006*				Well Not Accessible			
	2/24/2007*	970	190	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	850	330	<0.5	<0.5	<0.5	<0.5	<5.0
	11/10/2007*	1,200	420	<0.5	<0.5	<0.5	<0.5	<5.0
	5/28/2008*	930	330	<0.5	<0.5	0.92	1.1	<5.0
	3/25/2009	948	173	<1.0	<1.0	<1.0	<2.0	<1.0
	8/28/2009	547	389	<1.0	<1.0	<1.0	<2.0	1.6
	2/19/2010	**398**	**72.9**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<1.0**

TABLE 2
ANALYTICAL RESULTS GROUNDWATER SAMPLES
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	TPH-8015 (diesel)	TPH-8015 (gas)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MCL (ug/l)		**None**	**None**	**1.0**	**150**	**300**	**1750**	**13**
ESL (ug/l)		**100**	**100**	**1.0**	**40**	**30**	**20**	**5**
MW-11	9/20/2001	460	88	<1.0	<1.0	<1.0	<2.0	<5.0
	12/14/2002	320	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	2/27/2002	<50	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	5/16/2002	380	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	9/18/2002	250	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	10/30/2002	260	<50	<0.5	<0.5	<0.5	<1.5	<2.5
	2/6/2003	250	<50	<0.5	<0.5	<0.5	<1.0	<1.0
	5/1/2003	220	<50	<0.5	<0.5	<0.5	<1.0	<1.0
	8/26/2003	300	<50	<0.5	<0.5	<0.5	<1.0	<1.0
	11/20/2003	77	<50	<0.5	<0.5	<0.5	<1.0	<1.0
	5/18/2004	<50	<50	<0.5	<0.5	<0.5	<1.0	<1.0
	8/30/2004	<56	<50	<0.5	<0.5	<0.5	<1.5	<1.0
	11/17/2004	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5
	2/23/2005	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5
	11/3/2005*	290	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	2/22/2006*	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	5/29/2006*	250	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	8/27/2006*	57	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/12/2006*	56	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	2/24/2007*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	61	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	9/2/2007*	67	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/10/2007*	55	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	2/28/2008*	71	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/28/2008*	110	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/2/2008*	200	<50	2.1	<0.5	0.51	0.70	<5.0
	3/25/2009	<99	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	6/11/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	8/28/2009	<94	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	11/24/2009	<100	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	2/19/2010	**<95**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**<1.0**
MW-12	9/20/2001	540	960	<1.0	<1.0	<2.0	<5.0	11
	12/14/2002	170	670	<1.0	<1.0	<1.0	<2.0	9.4
	2/27/2002	350	950	<1.0	<1.0	<1.0	<2.0	11
	5/16/2002	500	1100	<1.0	<1.0	<1.0	<2.0	6.7
	9/18/2002	1,600	570	<1.0	<1.0	<1.0	<3.0	7.1
	10/30/2002	440	420	<0.5	<0.5	<0.5	<1.5	<2.5
	2/6/2003	190	340	<0.5	<0.5	<0.5	<1.0	6.8
	5/1/2003	580	950	<2.5	<2.5	3.7	9.0	8.8
	8/26/2003	110	260	<0.5	<0.5	<0.5	<1.0	11
	11/20/2003	100	160	<0.5	<0.5	<0.5	<1.0	8.9
	2/10/2004	210	490	<0.5	0.6	<0.5	<1.0	6.7
	5/18/2004	190	620	<0.5	<0.5	0.8	<1.0	5.6
	8/30/2004	<56	430	<0.5	<0.5	<0.5	<1.5	5.6
	11/17/2004	320	186	<0.5	0.5	0.5	<1.0	10.8
	2/23/2005	340	790	3.0	6.9	1.4	4.2	6.2
	11/3/2005*	120	440	<0.5	<0.5	<0.5	<0.5	6.6
	2/22/2006*	140	400	<0.5	<0.5	<0.5	<0.5	7.8
	5/29/2006*	140	310	<0.5	<0.5	<0.5	<0.5	5.7
	8/27/2006*	120	530	<0.5	<0.5	<0.5	<0.5	6.6
	11/16/2006*	200	740	<0.5	2.1	<0.5	6.3	<10
	2/24/2007*	87	200	<0.5	<0.5	<0.5	<0.5	<10
	5/27/2007*	140	340	<0.5	<0.5	1.4	1.8	<10
	9/2/2007*	130	430	<0.5	<0.5	<0.5	0.77	8.3
	11/10/2007*	94	360	<0.5	<0.5	<0.5	<0.5	<10
	2/28/2008*	160	55	<0.5	<0.5	<0.5	<0.5	10
	5/28/2008*	850	120	<0.5	<0.5	<0.5	<0.5	8.9
	11/2/2008*	200	320	0.64	<0.5	<0.5	<0.5	<5.0
	3/25/2009	<96	89.0	<1.0	<1.0	<1.0	<2.0	4.3
	6/11/2009	<95	115	<1.0	<1.0	<1.0	<2.0	1.7
	8/28/2009	<95	97.6	<1.0	<1.0	<1.0	<2.0	4.0
	11/24/2009	<96	104	<1.0	<1.0	<1.0	<2.0	<1.0
	2/19/2010	**<95**	**107**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**2.6**
MW-13	9/21/2001	<250	<50	<1.0	<1.0	<1.0	<2.0	7.4
	12/14/2002	160	<50	<1.0	<1.0	<1.0	<2.0	11
	2/27/2002	1,100	450	<1.0	<5.0	<1.0	<2.0	9.9
	11/3/2005*			Not sampled - free-phase product in well				
	2/22/2006*			Not sampled - free-phase product in well				
	5/29/2006*			Not sampled - free-phase product in well				
	11/16/2006*			Not sampled - free-phase product in well				
	5/27/2007*			Not sampled - free-phase product in well				
	9/2/2007*			Not sampled - free-phase product in well				
	11/10/2007*			Not sampled - free-phase product in well				
	2/28/2008*			Not sampled - free-phase product in well				
	5/25/2008*			Not sampled - free-phase product in well				
	3/24/2009			Not sampled - free-phase product in well				
	6/11/2009			Not sampled - free-phase product in well				
	8/28/2009			Not sampled - free-phase product in well				
	11/24/2009			Not sampled - free-phase product in well				
	2/19/2010			**Not sampled - free-phase product in well**				

TABLE 2
ANALYTICAL RESULTS GROUNDWATER SAMPLES
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Well	Date	TPH-8015 (diesel)	TPH-8015 (gas)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MCL (ug/l)		**None**	**None**	**1.0**	**150**	**300**	**1750**	**13**
ESL (ug/l)		**100**	**100**	**1.0**	**40**	**30**	**20**	**5**
MW-14	3/25/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	5.8
	6/11/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	6.9
	8/28/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	7.7
	11/24/2009	<96	<50	<1.0	<1.0	<1.0	<2.0	5.4
	2/19/2010	**<94**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**7.5**
MW-15	3/24/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	5.0
	6/11/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	6.2
	8/28/2009	<96	<50	<1.0	<1.0	<1.0	<2.0	7.1
	11/24/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	5.3
	2/19/2010	**<94**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**6.5**
MW-16	3/24/2009	<96	62.9	<1.0	<1.0	<1.0	<2.0	10.3
	6/11/2009	<95	<50	<1.0	<1.0	<1.0	<2.0	7.2
	8/28/2009	<96	<50	<1.0	<1.0	<1.0	<2.0	7.8
	11/24/2009	<96	<50	<1.0	<1.0	<1.0	<2.0	6.3
	2/19/2010	**<100**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**7.4**
W-1	5/16/2002	520	150	<1.0	<1.0	<1.0	<2.0	8.7
	3/2/2000	1,800	3,400	20.0	5.3	30	23.8	<5.0
	5/17/2000	1,100	7,300	35.0	11	59	45	<1.0
	8/31/2000	2,200	6,200	20.0	7.9	36	38.2	<10
	12/19/2000	1,700	5,600	20.0	8.4	30	35.6	<5.0
	3/20/2001	2,100	7,200	32.0	13	56	40	<10
	6/7/2001	2,100	7,300	26.0	18	42	38.3	<10
	9/21/2001	1,800	7,100	27	<10	48	40	<10
	2/27/2002	1,800	7,100	24	9	52	34	<25
	2/6/2003	990	5,300	11	4.7	27	24	<1.0
	8/26/2003	1,700	5,800	7.5	5.4	24	25	<10
	2/10/2004	940	6,000	16.0	4.9	20	21	<1.0
	8/30/2004	<56	2,500	8.6	3.6	11	18	<1.30
	2/23/2005	1,910	3,900	74.1	12.2	64.4	48.2	<0.5
	11/3/2005*	2,400	6,200	7.2	3.6	5.7	20	0.73
	5/29/2006*	1,700	4,600	18.0	4.4	17	32	<17
	11/16/2006*	760	2,600	18.0	3.7	10	19	<10
	5/27/2007*	1,200	4,200	20.0	34	12	17	<45
	11/10/2007*	1,200	6,100	32.0	<2.5	9.4	14	<25
	5/25/2008*	1,300	5,700	18.0	1.8	11	13	<17
	3/24/2009	637	3,850	10.9	<10	<10	<20	<10
	8/27/2009	681	5,010	<10	<10	<10	<20	<10
	2/18/2010	**<95**	**5,820**	**12.4**	**<10**	**11**	**20.3**	**<10**
W-2	9/18/2002	1,000	5900	11	<22	23	22	<5.0
	5/17/2000	19,000	870	<2.0	<1.0	<2.0	<4.0	<5.0
	8/31/2000	7,400	2200	4.6	2.5	3.8	11	<5.0
W-3	12/19/2000	10,000	290	8.8	3.4	8.6	17.4	<5.0
	5/17/2000	<50	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	8/31/2000	<50	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	12/18/2000	<250	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	3/20/2001	630	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	11/3/2005*	<50	<50	<0.5	<0.5	<0.5	<0.5	1.2
	5/29/2006*	<50	240	<0.5	<0.5	<0.5	<0.5	<5.0
	11/16/2006*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/10/2007*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/25/2008*	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
W-4	6/7/2001	1,200	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	3/2/2000	190	<50	1.1	<1.0	<1.0	<2.0	<5.0
	5/17/2000	230	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	8/31/2000	240	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	12/19/2000	320	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	3/21/2001	220	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	6/7/2001	430	<50	<1.0	<1.0	<1.0	<2.0	<5.0
	11/3/2005*	66	<50	<0.5	<0.5	<0.5	<0.5	2.0
	5/29/2006*	110	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/16/2006*	72	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/27/2007*	180	99	0.89	<0.5	<0.5	<0.5	<5.0
	11/10/2007*	83	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/25/2008*	71	<50	<0.5	<0.5	<0.5	<0.5	<5.0

Notes:
ug/l: micrograms per liter
TPH: Total Petroleum Hydrocarbons
MTBE: methyl tert butylether
MCL: Maximum Contaminant Level
NA: not analyzed

* Essel Technology Services, Inc.

APPENDIX A

CHAIN-OF-CUSTODY DOCUMENTATION
FIELD DATA SHEETS
CERTIFIED ANALYTICAL REPORTS

Northern California
ACCUTEST Laboratories

CHAIN OF CUSTODY

3334 Victor Court, Santa Clara, CA 95054
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C

Client / Reporting Information

Company Name: Cameron-Cole
Address: 50 Hegenberger LP
City: Oakland State: CA Zip: 94621
Project Contact: Shaun Surrani
Phone #: 510 777 1674
Samplers's Name: DC

Project Information

Project Name: AC Transit - Emeryville
Street: 45th st
City: Emeryville State: CA
Project #: 2036-001/CCCAA1635
EMAIL: ssurani@cameron-cole.com
Client Purchase Order #: 2036

Requested Analysis

GAS, BTEX, MTBE, by 8260B

Matrix Codes

WW- Water
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ.- Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample #	Field ID / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	LAB USE ONLY
	TB-01	3/11/10	1000	DC	WW	3									
	W-1		1025		GW										
	MW-1		1100												
	MW-6		1145												
	MW-4		1245												

Turnaround Time (Business days)

- [ ] Std. 15 Business Days — Approved By:/ Date:
- [ ] 10 Day (Workload dependent) — standard
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [X] Commercial "B"
- [ ] EDF for Geotracker
- [ ] EDD Format
- Provide EDF Global ID: T0600113672
- Provide EDF Logcode:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		3/12/10 @ 0855	1	2		2
3	Relinquished by:	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres. Y / N; Labels match Coc? Y / N	Headspace Y / N; Separate Receipt Log Y / N; On Ice Y / N; Cooler Temp. ____ oC

Northern California
ACCUTEST. Laboratories

CHAIN OF CUSTODY

3334 Victor Court, Santa Clara, CA 95054
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C

Client / Reporting Information

Company Name: CAMERON-COLE, LLC	
Address: 50 HEGENBERGER LOOP	
City: OAKLAND State: CA Zip: 94621	
Project Contact: DENNIS BAKER	
Phone #: 510-777-1870	
Samplers's Name: DENNIS BAKER	

Project Information

Project Name: ACT-Emeryville	
Street: 45th St.	
City: EMERYVILLE State: CA	
Project #: 2036	
EMAIL: DBAKER@CAMERON-COLE.COM	
Client Purchase Order #	

Requested Analysis

Matrix Codes

WW- Water
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ.- Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Accutest Sample #	Field ID / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	HONa	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	8260B	TPH-g, BTEX, MTBE	TPH-d by 8015 with silica gel cleanup	LAB USE ONLY
	TA-01	01/15/10	12:50	DB	GW	3	X								X			
	W-1		13:10			3	X									X		
	↓		↓			1					X						X	
	MW-1		13:55			3	X									X		
	↓		↓			2					X						X	
	MW-2		14:30			3	X									X		
	↓		↓			2					X						X	
	MW-3		15:20			3	X									X		
	↓		↓			2					X						X	
	MW-4	↓	15:55	↓	↓	3	X									X		

Turnaround Time (Business days)

- [ ] Std. 15 Business Days — Approved By / Date:
- [ ] 10 Day (Workload dependent) STANDARD
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [X] Commercial "B"
- [X] EDF for Geotracker — EDD Format
- Provide EDF Global ID: T0600118672
- Provide EDF Logcode:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Dennis C. Baker	1/15/10	1	2		2
3			3	4		4
5			5			

Custody Seal #

Appropriate Bottle / Pres. Y / N Headspace Y / N On Ice Y / N Cooler Temp. ____ oC

Labels match CoC? Y / N Separate Receipt Log Y / N

Northern California ACCUTEST Laboratories

CHAIN OF CUSTODY

3334 Victor Court, Santa Clara, CA 95054
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C

Client / Reporting Information

Company Name: CAMERON-COLE, LLC
Address: 50 HEGENBERGER LOOP
City: OAKLAND State: CA Zip: 94621
Project Contact: DENNIS BAKER
Phone #: 510-777-1872
Samplers's Name: DENNIS BAKER

Project Information

Project Name: ACT - EMERYVILLE
Street: 115th St.
City: EMERYVILLE State: CA
Project #: 2036
EMAIL: DBAKER@CAMERON-COLE.COM
Client Purchase Order #:

Requested Analysis: TPH-g, BTEX, MTBE by 8260B; TPH-d by 8015M with SILICA GEL CLEANUP

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPH-g, BTEX, MTBE by 8260B	TPH-d by 8015M with SILICA GEL CLEANUP	LAB USE ONLY
	MW-4	2/15/10	[illegible]	DB	GW	2					X					X	
	MW-5	↓	16:30	↓	↓	3	X								X		
	↓	↓	↓			1					X					X	
	MW-6	2/17/10	8:10			3	X								~~X~~	DB	
	↓		↓			2					X					X	
	MW-7		8:50			3	X								X		
	↓		↓			2					X					X	
	MW-8		7:20			3	X								X		
	↓		↓			2					X					X	
	MW-9	↓	9:55	↓	↓	3	X								X		

Matrix Codes
WW- Water
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] 10 Day (Workload dependent) STANDARD
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day *(200% markup)*
- [ ] Same Day (300% markup)

Approved By:/ Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [x] Commercial "B"
- [x] EDF for Geotracker
- [x] EDD Format

Provide EDF Global ID: T0600115672
Provide EDF Logcode:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Dennis C. Baker	2/17/10 1143	1 [signature]	2		2
Relinquished by:	**Date Time:**	**Received By:**	**Relinquished By:**	**Date Time:**	**Received By:**
3		3	4		4
Relinquished by:	**Date Time:**	**Received By:**	**Custody Seal #**		
5		5		Appropriate Bottle / Pres. Y / N; Headspace Y / N; On Ice Y / N; Labels match Coc? Y / N; Separate Receipt Log Y / N	Cooler Temp. ______ oC

Northern California
ACCUTEST Laboratories

CHAIN OF CUSTODY

3334 Victor Court, Santa Clara, CA 95054
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C

Client / Reporting Information

Company Name: CAMERON-COLE, LLC	Project Name: AC TRANSIT-EMERYVILLE
Address: 50 HEGENBERGER LOOP	Street: 45th St.
City: OAKLAND State: CA Zip: 94621	City: EMERYVILLE State: CA
Project Contact: DENNIS BAKER	Project #: 2036
Phone #: 510-777-1972	EMAIL: DBAKER@CAMERON-COLE.com
Samplers's Name: DENNIS BAKER	Client Purchase Order #

Project Information / **Requested Analysis**

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPH-g, BTEX, MTBE by 8260B	TPH-d by EPA 8015M with silica gel cleanup	LAB USE ONLY
	MW-9	2/19/10	9:55	DB	GW	2					X					X	
	MW-10	↓	10:45	↓	↓	1	X								X		
	↓	↓	↓	↓	↓	2					X					X	
	MW-11	↓	11:30	↓	↓	3	X								X		
	↓	↓	↓	↓	↓	2					X					X	
	MW-13	↓	12:10	↓	↓	3	X								X		
	↓	↓	↓	↓	↓	2					X					X	
	MW-14	↓	12:50	↓	↓	3	X								X		
	↓	↓	↓	↓	↓	1					X					X	
	MW-15	↓	13:30	↓	↓	3	X								X		

Matrix Codes
WW- Water
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] 10 Day (Workload dependent) STANDARD
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Approved By:/ Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [x] Commercial "B"
- [x] EDF for Geotracker
- [x] EDD Format
- Provide EDF Global ID: T0600118672
- Provide EDF Logcode:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by	Date Time	Received By	Relinquished By	Date Time	Received By
Relinquished by Sampler: 1 Dennis C. Baker	2/19/10 14:5[illegible]	1 [signature]	2		2
Relinquished by: 3		3	4		4
Relinquished by: 5		5	Custody Seal #	Appropriate Bottle / Pres. Y / N; Headspace Y / N; On Ice Y / N; Labels match Coc? Y / N; Separate Receipt Log Y / N	Cooler Temp. ______ oC

Northern California
ACCUTEST
Laboratories

CHAIN OF CUSTODY

3334 Victor Court, Santa Clara, CA 95054
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C

Client / Reporting Information

Company Name	CAMERON-COLE, LLC
Address	50 HEGENBERGER LOOP
City / State / Zip	OAKLAND, CA 94621
Project Contact:	DENNIS BAKER
Phone #	510-777-1872
Samplers's Name	DENNIS BAKER

Project Information

Project Name:	AC TRANSIT-EMERYVILLE
Street	45th St.
City / State	EMERYVILLE, CA
Project #	2036
EMAIL:	DBAKER@CAMERON-COLE.com
Client Purchase Order #	

Requested Analysis

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPH-g, BTEX, MTBE by 8260B	TPH-d by 8015M with SILICA GEL CLEANUP	LAB USE ONLY
	MW-15	2/11/10	13:30	DB	GW	1					X					X	
	MW-16	↓	14:10	↓	↓	3	X								X		
	↓	↓	↓	↓	↓	2					X					X	

Matrix Codes
WW- Water
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Turnaround Time (Business days) — Approved By / Date:

- [ ] Std. 15 Business Days
- [x] 10 Day (Workload dependent) STANDARD
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day *(200% markup)*
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [x] Commercial "B"
- [x] EDF for Geotracker
- [x] EDD Format
- Provide EDF Global ID T0600115672
- Provide EDF Logcode:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Dennis C. Baker	2/11/10	1 [signature]	2		2
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres. Y / N; Labels match Coc? Y / N; Headspace Y / N; Separate Receipt Log Y / N; On Ice Y / N	Cooler Temp. ____ oC

Northern California ACCUTEST Laboratories

CHAIN OF CUSTODY

3334 Victor Court, Santa Clara, CA 95054
(408) 588-0200 FAX (408) 588-0201

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C C10232

Client / Reporting Information

- Company Name: Cameron-Cole
- Address: 50 Hegenberger Lp
- City: Oakland State: CA Zip: 94621
- Project Contact: Shaun Surani
- Phone #: 510 777 1874
- Sampler's Name: RC

Project Information

- Project Name: AC Transit - Emeryville
- Street: 45th st
- City: Emeryville State: CA
- Project #: 2036-001/CCCAA 1635
- EMAIL: ssurani@cameron-cole.com
- Client Purchase Order #: 2036

Requested Analysis: Gas, BTEX, MTBE, by 8260B

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	Gas, BTEX, MTBE, by 8260B
-1	TB-01	3/11/10	1000	RC	WW	3	✓								✓
-2	W-1	↓	1025	↓	GW	↓	↓								↓
-3	MW-1	↓	1100	↓	↓	↓	↓								↓
-4	MW-6	↓	1145	↓	↓	↓	↓								↓
-5	MW-4	↓	1215	↓	↓	↓	↓								↓

Matrix Codes

WW-Water
GW-Ground Water
SW-Surface Water
SO-Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW-Drinking Water (Perchlorate Only)

LAB USE ONLY

Turnaround Time (Business days) — Approved By / Date:

- [ ] Std. 15 Business Days
- [x] 10 Day (Workload dependent) standard
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (160% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [x] Commercial "B"
- [x] EDF for Geotracker
- [x] EDD Format
- Provide EDF Global ID: T0600118672
- Provide EDF Logcode:

Comments / Remarks

3 vials each (w/HCL) (x5)

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	3/12/10 @ 0855	1 [signature]	2 [signature]	11:06 3/12/10	2 [signature]
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres. (Y) N; Labels match Coc? (Y) / N; Headspace Y / (N); Separate Receipt Log (Y) / N; On Ice (Y) N	Cooler Temp. 1.5+0.3=1.8 °C

Accutest Laboratories Northern California
Sample Receiving Check List

Job# : C 10232
Sample Control Rep. Initial: EK
CCCAA1635

Review Chain of Custody **Chain of Custody is to be complete and legible.**

- ☑ Are these regulatory (~~NPDES~~) samples? ~~CWA~~ — (Yes) / No
- ☑ Is pH requested? — Yes / (No)
  - N/A Was Client informed that hold time is 15 min? Yes / No Continue Yes / No
  - N/A Was ortho-Phosphate filtered with in 15 min? Yes / No Continue Yes / No
- ☑ Are sample within hold time? — (Yes) / No
- Are sample in danger of exceeding hold-time — Yes / (No)
- ☑ Existing Client? (Yes) / No Existing Project? (Yes) / No
  - **If No:** Is Report to info complete and legible, including;
    - ☐ deliverable ☐ Name ☐ Address ☐ phone ☐ e-mail
  - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact ☐ address ☐ phone ☐ e-mail
  - Is Contact and/or Project Manager identified, including;
    - ☐ phone ☐ e-mail
- ☑ Project name / number ☐ ~~Special requirements?~~ — (Yes) / No
- ☑ Sample IDs / date & time of collection provided? — (Yes) / No
- ☑ Is Matrix listed and correct? — (Yes) / No
- ☑ Analyses listed we do or client has authorized a subcontract? — (Yes) / No
- ☑ Chain is signed and dated by both client and sample custodian? — (Yes) / No
- ☑ TAT requested available? (Yes) / No Approved by PM

Review Coolers:

- ☑ Were Coolers temperatures measured at ≤6°C? Cooler # 1 Temp 1.8 °C
  - If cooler is outside the ≤6°C; note down below the affected bottles in that cooler
  - Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)
- ☑ Shipment Received Method AC
- ☑ Custody Seals: Present: Yes / (No) If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- ☑ Chain matches bottle labels? (Yes) / No ☑ Sample bottle intact? (Yes) / No
- ☑ Is there enough sample volume in proper bottle for requested analyses? (Yes) / No
- ☑ Proper Preservatives? (Yes) / No Check pH on preserved samples except 1664, 625, 8270 and VOAs.
- ☑ Headspace-VOAs? **Greater than 6mm in diameter Yes / (No)**
  List sample ID and affected container

Client Sample ID	pH Check	Other Comments/Issues

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

HYDRODATA

PROJECT:_AC Transit - Emeryville_ EVENT:_1Q10_____ SAMPLER:_DB_____

NO.	WELL OR LOCATION	DATE	TIME	MEASUREMENT	CODE	COMMENTS
1	MW-1	2/18/2010	10:51	3.79	SWL	
2	MW-2	2/18/2010	10:59	3.43		
3	MW-3	2/18/2010	10:45	4.83		
4	MW-4	2/18/2010	10:47	5.32		
5	MW-5	2/18/2010	10:55	3.24		
6	MW-6	2/18/2010	10:22	2.72		
7	MW-7	2/18/2010	11:19	5.30		
8	MW-8	2/18/2010	11:12	4.23		
9	MW-9	2/18/2010	11:06	3.29		
10	MW-10	2/18/2010	11:30	9.31		
11	MW-11	2/18/2010	11:24	2.44		
12	MW-12	2/18/2010	11:37	9.78		
13	MW-13	2/18/2010	11:43	8.43	OIL	
14	MW-13	2/18/2010	11:43	8.78	SWL	
15	MW-14	2/18/2010	11:53	8.58		
16	MW-15	2/18/2010	12:04	7.62		
17	MW-16	2/18/2010	11:58	6.17		
18	W-1	2/18/2010	10:34	4.72		
19	W-3	2/18/2010	10:15	5.56		
20	W-4	2/18/2010	10:27	3.73		

CODES:

SWL - Static Water Level

OIL - Oil Level

OWI - Oil/Water Interface

MTD - Measured Total Depth

CAMERON-COLE

SAMPLING EVENT DATA SHEET

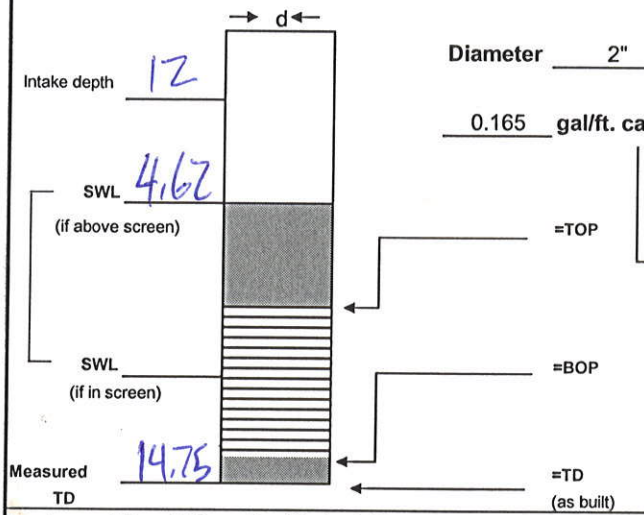
WELL OR LOCATION W-1

PROJECT AC Transit Emeryville | EVENT 1Q10 - resample | SAMPLER DC | DATE 3/11/2010

Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 gal/ft. casing



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1015	0.6	4.88
		↓	
Stop	1023	↓	6.72
Sampled	1025		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 10.13 ft. (SWL to TD) = 1.67 gals. (one volume) X 3 = 5.01 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

- Centrifugal Pump used to purge
- Disp. poly bailer to sample

Actual gallons purged: 5.5

Actual volumes purged: 3+

Well Yield ⊕: HY

COC #

Additional Comments:

TB-01 collected @ 1000

Sample I.D.	Analysis	Lab
W-1	8260B	Accutest
TB-01	8260B	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1.0	16.6	794	6.96	44.26		
2. 2.0	19.1	749	6.97	22.47		
3. 4.0	19.0	755	6.97	18.64		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

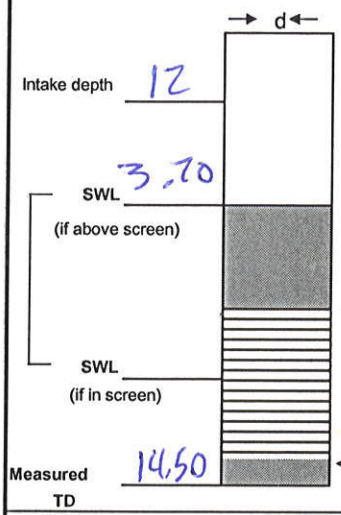
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-1

PROJECT AC Transit Emeryville | EVENT 1Q10 - resample | SAMPLER DC | DATE 3/11/2010



Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1048	1.0	3.70
Stop	1055	↓	4.62
Sampled	1100		
Final lWL			

PURGE CALCULATION

0.165 gal/ft. * 10.40 ft. = 1.78 gals. X 3 = 5.35 gals.
(SWL to TD) (one volume) (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

- Centrifugal Pump used to purge
- Disp. poly bailer to sample

Actual gallons purged 6

Actual volumes purged 3+

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-1	8260B	Accutest

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1.0	19.3	544	7.44	36.53		
2. 2.5	18.6	527	7.42	37.60		
3. 4.0	18.7	534	7.41	32.24		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

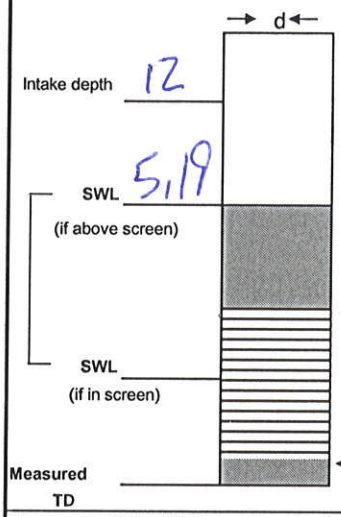
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-4

PROJECT AC Transit Emeryville EVENT 1Q10 - resample SAMPLER DC DATE 3/11/2010



Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1206	1.0	5.19
Stop	1212		7.97
Sampled	1215		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 9.81 ft. = 1.62 gals. X 3 = 4.86 gals.

SWL to TD | one volume | purge volume - 3 casings

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

- Centrifugal Pump used to purge
- Disp. poly bailer to sample

Actual gallons purged 5

Actual volumes purged 3+

Well Yield ⊕ ~~HY~~ MY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-4	8260B	Accutest

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1.0	19.0	641	6.92	9.47		
2. 2.0	19.2	639	6.88	6.26		
3. 4.0	19.3	638	6.87	6.19		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

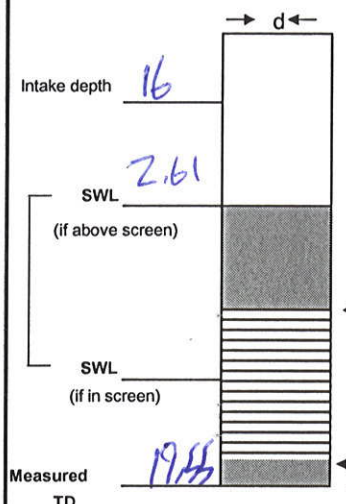
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-6

PROJECT AC Transit Emeryville | EVENT 1Q10 - resample | SAMPLER DC | DATE 3/11/2010



Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1132	1.2	2.61
Stop	1140	↓	3.51
Sampled	1145		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.94 ft. (SWL to TD) = 2.79 gals. (one volume) X 3 = 8.38 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

- Centrifugal Pump used to purge
- Disp. poly bailer to sample

Actual gallons purged 9

Actual volumes purged 3+

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-6	8260B	Accutest

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	20.4	785	6.93	75.60		
2. 4	20.1	798	6.94	62.67		
3. 6	20.2	801	6.94	47.61		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

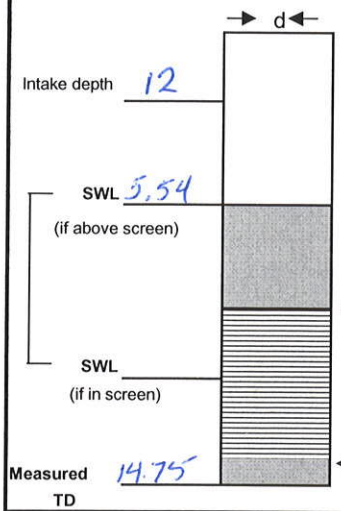
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-1

PROJECT AC TRANSIT - Emeryville **EVENT** 1Q2010 **SAMPLER** DB **DATE** 2-18-16 ~~2-27~~



Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 **gal/ft. casing**

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	13:00	0.71	5.54
		↓	
Stop	13:07	↓	7.16
Sampled	13:10		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 9.21 ft. (SWL to TD) = 1.52 gals. (one volume) X 3 = 4.56 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Description of Event:

Centrifugal pump used to purge; disposable bailer used to sample.

Actual gallons purged 5

Actual volumes purged 3.29

Well Yield ⊕ MY

COC #

Additional Comments:

TB-01 collected @ 12:50

Sample I.D.	Analysis	Lab
MW-1	8260B	AT
↓	8015M	↓
TB-01	8260B	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1.5	20.7	554	6.56	12.78		
2. 3.0	21.9	557	6.53	168.8		
3. 4.5	22.3	559	6.56	207.0		
4.						
5.						

*Take measurement at approximately each casing volume purged. ⊕

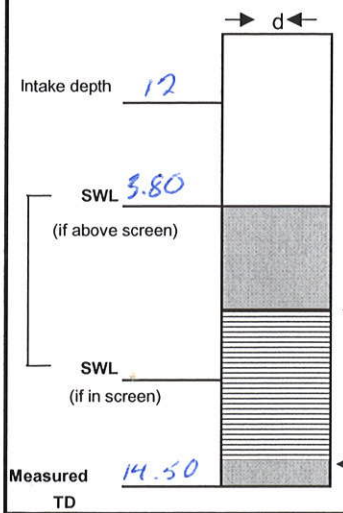
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returning later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-1

PROJECT AC TRANSIT - EMERYVILLE EVENT 1Q2010 SAMPLER DB DATE 2-18-16



Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 gal/ft. casing

=TOP

=BOP

=TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	13:50	1.0	3.80
Stop	13:52	↓	~~3.80~~ 4.27
Sampled	13:55		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 10.7 ft. (SWL to TD) = 1.77 gals. (one volume) X 3 = 5.30 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Description of Event:

Centrifugal pump used to purge; disposable bailer used to sample.

Actual gallons purged 6

Actual volumes purged 3.39

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-1	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1.5	19.3	559	7.02	33.25		
2. 3.0	19.9	586	7.00	4.61		
3. 5.0	20.4	576	6.94	2.68		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

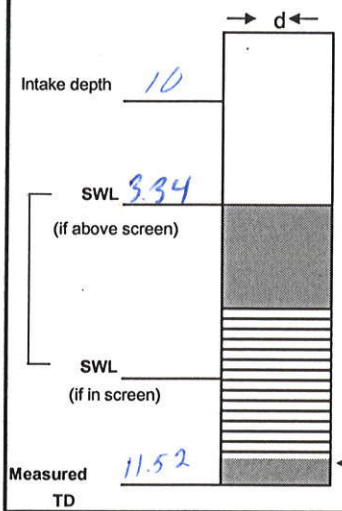
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returning later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-2

PROJECT AC TRANSIT - EMERYVILLE **EVENT** 1Q2010 **SAMPLER** DB **DATE** 2-18-16



Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	14:24	1.25	3.34
	14:~~40~~	↓	
Stop	14:29	↓	3.44
Sampled	14:30		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 8.18 ft. (SWL to TD) = 1.35 gals. (one volume) X 3 = 4.05 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used to purge; disposable bailers used to sample.

Actual gallons purged 5

Actual volumes purged 3.70

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-2	8260B	AT
↓	6015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1.5	19.7	556	7.01	20.70		
2. 3.0	20.3	561	7.00	18.7~~0~~		
3. 4.0	20.5	555	6.93	164.5		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

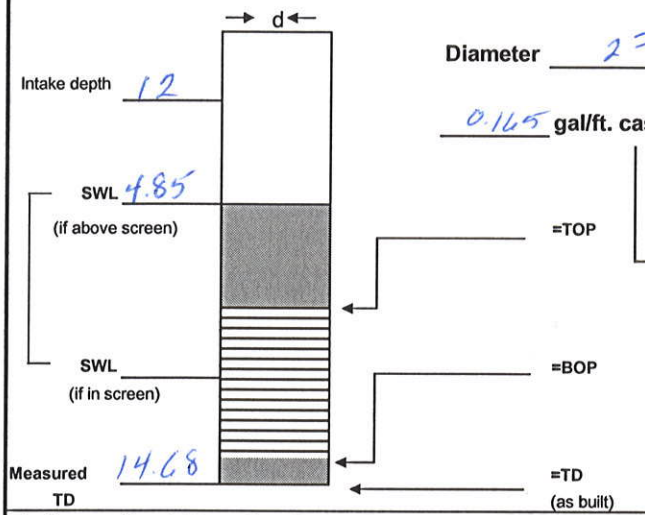
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-3

PROJECT AC TRANSIT-EMERYVILLE EVENT 1Q2010 SAMPLER DB DATE 2-18-16



Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	15:14	1.0	4.85
Stop	15:19	↓	5.39
Sampled	15:20		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 9.83 ft. (SWL to TD) = 1.62 gals. (one volume) X 3 = 4.87 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used for purging; disposable bailer used for sampling.

Actual gallons purged 5

Actual volumes purged 3.04

Well Yield ⊕ MY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-3	8260B	AT
↓	6015M	↓

	Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1.	1.5	19.9	674	6.81	27.64		
2.	3.0	20.9	670	6.78	14.44		
3.	4.0	21.3	673	6.72	19.10		
4.							
5.							

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

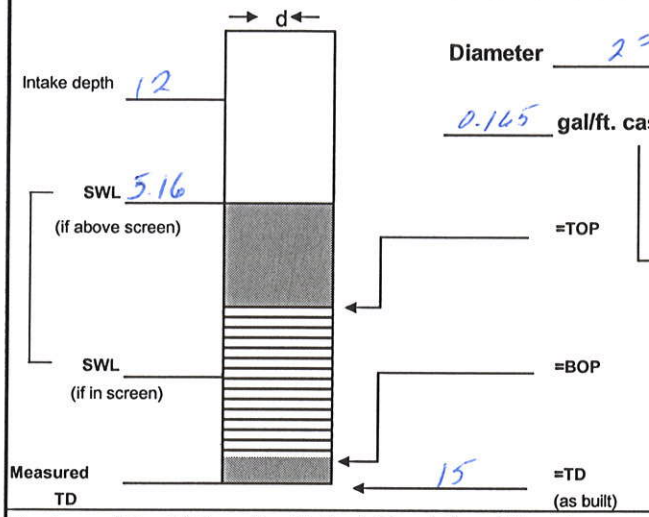
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-4

PROJECT ACT - Emeryville EVENT 1Q 2010 SAMPLER DB DATE 2-18-10



Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	15:48	0.83	5.16
		↓	
Stop	15:52	↓	8.82
Sampled	15:55		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 9.84 ft. (SWL to TD) = 1.62 gals. (one volume) X 3 = 4.87 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used to purge; disposable bailer used to sample.

Actual gallons purged 5

Actual volumes purged 3.09

Well Yield ⊕ MY

COC #

Sample I.D.	Analysis	Lab
MW-4	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1.5	19.4	676	6.84	27.98		
2. 3.0	20.8	671	6.80	134.5		
3. 4.5	21.3	674	6.76	66.02		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

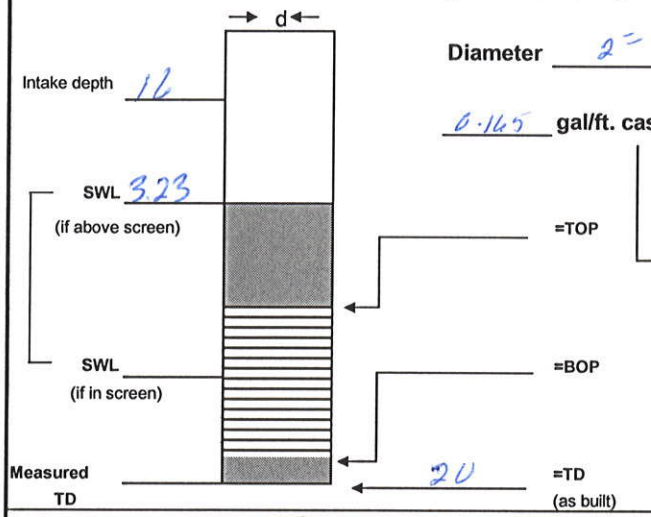
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION mw-5

PROJECT ACT - Emeryville EVENT 1Q2010 SAMPLER OB DATE 2-18-10



Well type (MW, EW, PZ, etc.) mw

Diameter 2"

0.145 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	16:20	1.5	3.23
		↓	
Stop	16:26	↓	3.41
Sampled	16:30		
Final IWL			

PURGE CALCULATION

0.145 gal/ft. * 16.77 ft. = 2.77 gals. X 3 = 8.30 gals.

SWL to TD | one volume | purge volume - 3 casings

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used for purging; disposable bailer used for sampling.

Actual gallons purged 9

Actual volumes purged 3.25

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
mw-5	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2.5	20.1	640	7.05	7.25		
2. 5	20.7	640	7.01	4.63		
3. 7.5	21.0	649	6.99	1.97		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

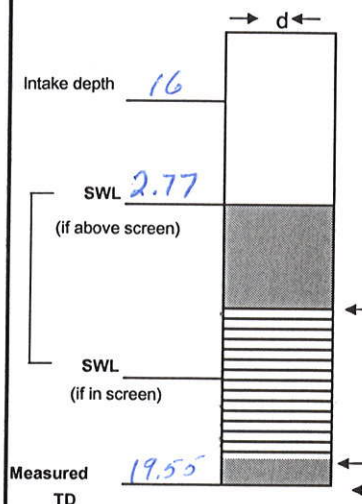
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-6

PROJECT AC TRANSIT-Emeryville **EVENT** 1Q2010 **SAMPLER** DB **DATE** 2-19-10



Well type MW
(MW, EW, PZ, etc.)

Diameter 2"

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	08:03	1.5	2.77
Stop	8:09	↓	2.92
Sampled	8:10		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.78 ft. (SWL to TD) = 2.77 gals. (one volume) X 3 = 8.31 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used to purge; disposable bailer used to sample.

Actual gallons purged 9

Actual volumes purged 3.25

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-6	8260B	AT
↓	8015M	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2.5	20.5	847	6.51	4.44		
2. 5	21.0	861	6.50	2.87		
3. 8	21.0	867	6.71	2.47		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

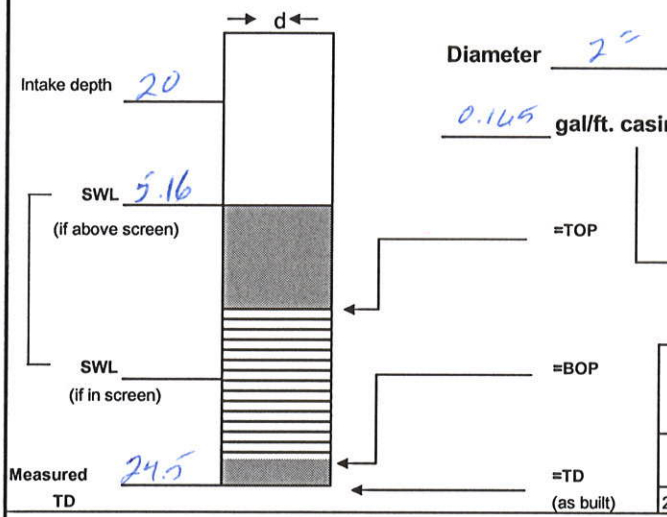
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-7

PROJECT AC TRANSIT-Emeryville EVENT 1Q2010 SAMPLER DB DATE 2-19-16



Well type (MW, EW, PZ, etc.) MW

Diameter 2"

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	08:41	1.67	5.16
		↓	
Stop	08:47	↓	16.05
Sampled	08:50		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 19.34 ft. (SWL to TD) = 3.19 gals. (one volume) X 3 = 9.57 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used to sample; disposable bailer used to purge

Actual gallons purged 10

Actual volumes purged 3.13

Well Yield ⊕ LY

COC #

Sample I.D.	Analysis	Lab
MW-7	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 3	19.8	748	6.61	34.43		
2. 6	21.0	809	6.57	19.80		
3. 9	21.0	826	6.62	14.12		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

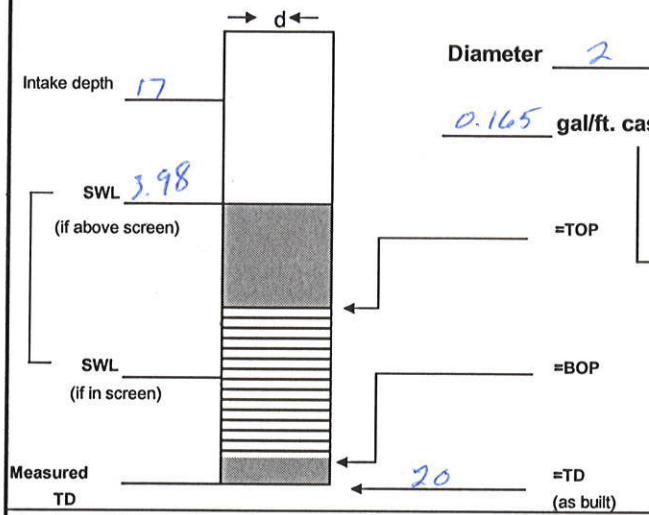
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-8

PROJECT ACT-Emeryville EVENT 1Q2010 SAMPLER DB DATE 2-19-10



Well type MW
(MW, EW, PZ, etc.)

Diameter 2

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	09:14	2.0	3.98
Stop	09:18	↓	5.52
Sampled	09:20		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.07 ft. (SWL to TD) = 2.64 gals. (one volume) X 3 = 7.93 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Actual gallons purged 8

Actual volumes purged 3.03

Well Yield ⊕ MY

COC #

Sample I.D.	Analysis	Lab
MW-8	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2.5	19.8	904	6.81	5.72		
2. 4.5	20.2	909	6.79	10.78		
3. 7	21.0	909	6.73	14.14		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

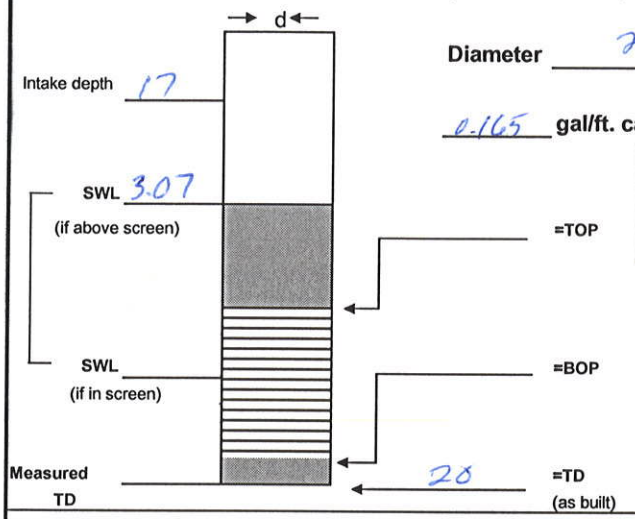
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-9

PROJECT ACT-Emeryville EVENT 1Q2010 SAMPLER DB DATE 2-19-16



Well type (MW, EW, PZ, etc.) MW

Diameter 2

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	09:47	1.8	3.07
		↓	
Stop	09:52	↓	6.52
Sampled	09:55		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.93 ft. = 2.79 gals. X 3 = 8.38 gals.

SWL to TD | one volume | purge volume - 3 casings

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

centrifugal pump used to purge, disposable bailer used to sample.

Actual gallons purged 9

Actual volumes purged 3.23

Well Yield ⊕ MY

COC #

Sample I.D.	Analysis	Lab
MW-9	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2.5	20.1	877	6.77	11.30		
2. 5	20.8	878	6.77	28.94		
3. 7.5	21.3	876	6.70	9.69		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

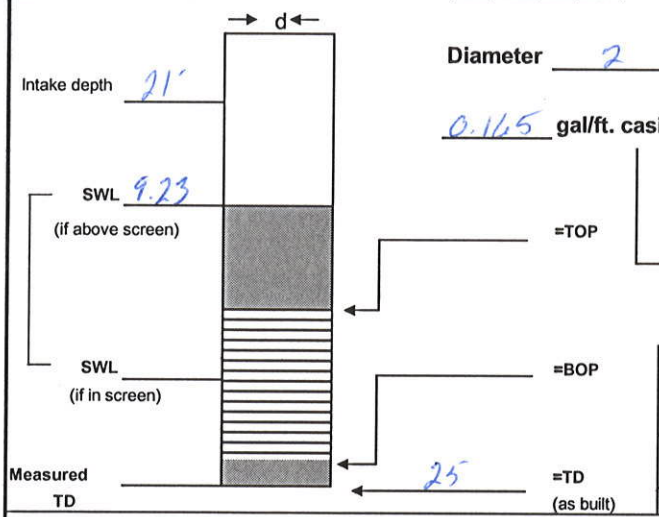
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-10

PROJECT ACT-Emeryville EVENT 1Q2010 SAMPLER DB DATE 2-19-10



Well type MW
(MW, EW, PZ, etc.)

Diameter 2

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	10:35	1.33	9.23
Stop	10:41	↓	9.32
Sampled	10:45		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 15.77 ft. (SWL to TD) = 2.60 gals. (one volume) X 3 = 7.81 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used to purge; disposable bailer used to sample.

Actual gallons purged 8

Actual volumes purged 3.08

Well Yield ⊕ HY

COC # _____

Sample I.D.	Analysis	Lab
MW-10	8260B	AT
↓	6015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2.5	19.5	576	7.10	21.72		
2. 5.0	19.2	578	7.07	4.73		
3. 7.5	19.3	583	7.06	2.51		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

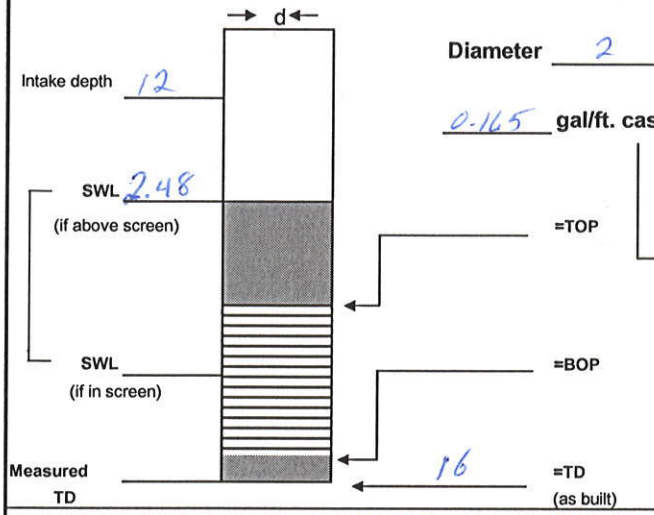
WELL OR LOCATION MW-11

PROJECT ACT-Emeryville **EVENT** 1Q2010 **SAMPLER** DB **DATE** 2-19-10

Well type (MW, EW, PZ, etc.): MW

Diameter: 2

0.165 gal/ft. casing



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	11:22	1.4	2.48
		↓	
Stop	11:27	↓	2.49
Sampled	11:30		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 13.52 ft. (SWL to TD) = 2.23 gals. (one volume) X 3 = 6.69 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used to ~~sample~~ purge; disposable bailer used to sample.

Actual gallons purged 7

Actual volumes purged 3.14

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-11	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	18.1	592	7.56	5.41		
2. 4	18.0	596	7.50	2.66		
3. 6	18.0	587	7.47	2.29		
4.						
5.						

*Take measurement at approximately each casing volume purged. ⊕

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

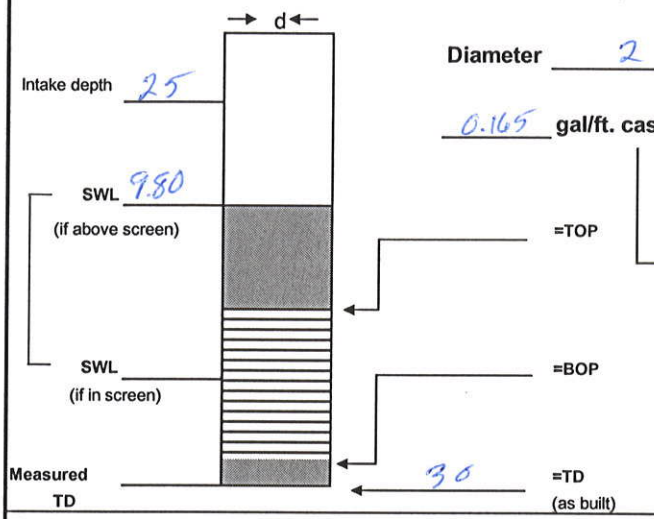
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-12

PROJECT ACT-Emeryville EVENT 1Q 2016 SAMPLER DB DATE 2-19-16



Well type (MW, EW, PZ, etc.) MW

Diameter 2

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	12:01	1.67	9.80
		↓	
Stop	12:07		10.17
Sampled	12:10		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 20.2 ft. (SWL to TD) = 3.33 gals. (one volume) X 3 = 9.99 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used to purge; disposable bailer used to sample.

Actual gallons purged 10

Actual volumes purged 3.00

Well Yield ⊕ MY

COC #

Sample I.D.	Analysis	Lab
MW-12	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 3	19.4	569	7.01	21.47		
2. 6	20.0	584	6.99	9.85		
3. 9	20.5	587	6.92	6.25		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

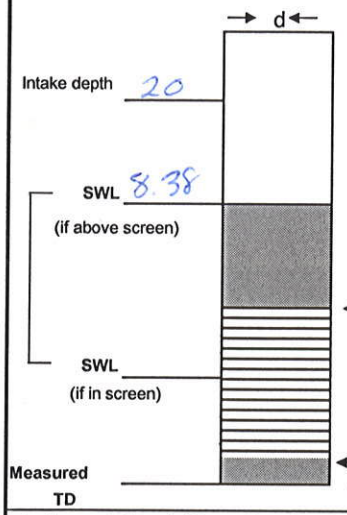
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-14

PROJECT ACT-Emeryville EVENT 1Q2010 SAMPLER DB DATE 2-19-16



Well type MW
(MW, EW, PZ, etc.)

Diameter 2

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	12:44	1.6	8.38
		↓	
Stop	12:49	↓	9.58
Sampled	12:50		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 14.62 ft. = 2.41 gals. X 3 = 7.24 gals.
(SWL to TD; one volume; purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used for purging; disposable bailer used for sampling.

Actual gallons purged 8

Actual volumes purged 3.32

Well Yield ⊕ MY

COC #

Sample I.D.	Analysis	Lab
MW-14	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2.5	19.8	707	6.84	5.35		
2. 5.0	19.7	722	6.86	17.19		
3. 7.0	20.1	744	6.73	39.40		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

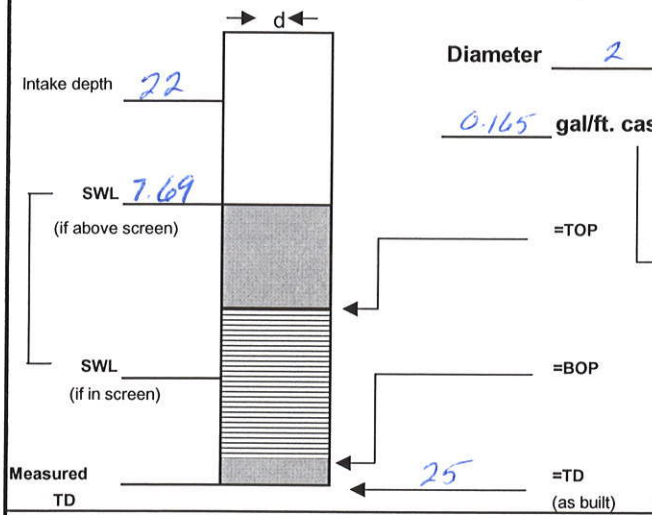
WELL OR LOCATION MW-15

PROJECT ACT-Emeryville **EVENT** 1Q2010 **SAMPLER** DB **DATE** 2-19-10

Well type MW (MW, EW, PZ, etc.)

Diameter 2

0.165 gal/ft. casing



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	13:22	1.5	7.69
		↓	
Stop	13:28	↓	7.95
Sampled	13:30		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 17.31 ft. (SWL to TD) = 2.86 gals. (one volume) X 3 = 8.57 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Description of Event:

centrifugal pump used for purging; disposable bailer used for sampling

Actual gallons purged 9

Actual volumes purged 3.15

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-15	8260B	AT
↓	8015M	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2.5	20.3	979	6.74	331.2		
2. 5.0	20.2	997	6.69	191.5		
3. 8.0	20.5	929	6.68	484.4		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

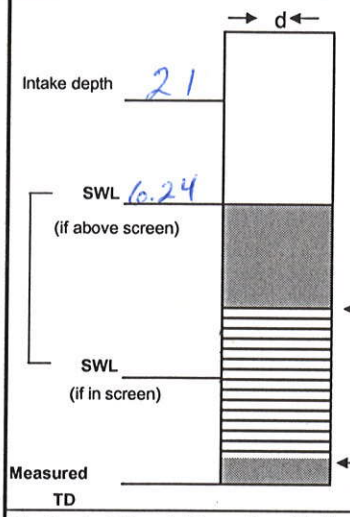
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returning later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-16

PROJECT ACT - Emeryville EVENT 1Q2016 SAMPLER DB DATE 2-19-16



Well type MW
(MW, EW, PZ, etc.)

Diameter 2

0.165 gal/ft. casing

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	14:00	1.8	6.24
Stop	14:05	↓	9.31
Sampled	14:10		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 17.76 ft. (SWL to TD) = 2.93 gals. (one volume) X 3 = 8.79 gals. (purge volume - 3 casings)

2" = 0.165 gal/ft. 4" = 0.65 gal/ft. 6" = 1.47 gal/ft.

Equipment Used / Sampling Method / Decription of Event:

Centrifugal pump used for purging;
Disposable bailer used to sample.

Actual gallons purged 9

Actual volumes purged 3.07

Well Yield ⊕ LY

COC #

Sample I.D.	Analysis	Lab
MW-16	8260B	AT
↓	8015M	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2.5	19.3	794	7.39	27.71		
2. 5	19.2	816	7.36	41.68		
3. 8	19.6	850	7.36	64.42		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump

LY - Able to purge 3 volumes by returing later or next day.

VLY - Minimal recharge - unable to purge 3 volumes.

Technical Report for

Cameron-Cole

T0600118672-AC Transit, Emeryville, CA

2036-001

Accutest Job Number: C8590

Sampling Date: 11/24/09

Report to:

Cameron-Cole
101 West Atlantic Avenue Suite 90
Alameda, CA 94501
dbaker@cameron-cole.com; dmetz@cameron-cole.com

ATTN: Dennis Baker

Total number of pages in report: **27**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Anne Kathain 408-588-0200

Certifications: CA (08258CA)

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Sections: 1 2 3 4 5 6

Table of Contents

Accutest Laboratories

Sample Summary

Cameron-Cole

Job No: C8590

T0600118672-AC Transit, Emeryville, CA
Project No: 2036-001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C8590-1	11/24/09	11:00	DB	11/25/09	AQ	Ground Water	TB-01
C8590-2	11/24/09	11:30	DB	11/25/09	AQ	Ground Water	MW-15
C8590-3	11/24/09	12:15	DB	11/25/09	AQ	Ground Water	MW-16
C8590-4	11/24/09	12:55	DB	11/25/09	AQ	Ground Water	MW-14
C8590-5	11/24/09	13:35	DB	11/25/09	AQ	Ground Water	MW-11
C8590-6	11/24/09	14:20	DB	11/25/09	AQ	Ground Water	MW-12

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Cameron-Cole	**Job No**	C8590
Site:	T0600118672-AC Transit, Emeryville, CA	**Report Date**	12/10/2009 2:14:18 PM

6 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were collected on 11/24/2009 and were received at Accutest on 11/25/2009 properly preserved, at 4.9 Deg. C and intact. These Samples received an Accutest job number of C8590. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** VN378

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) C8590-5MS, C8590-5MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015B M

Matrix AQ **Batch ID:** OP1545

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Accutest Laboratories Northern California (ALNCA) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALNCA and as stated on the COC. ALNCA certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALNCA Quality Manual except as noted above. This report is to be used in its entirety. ALNCA is not responsible for any assumptions of data quality if partial data packages are used

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	TB-01		
Lab Sample ID:	C8590-1	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N11313.D	1	12/03/09	TF	n/a	n/a	VN378
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	92%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15		
Lab Sample ID:	C8590-2	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N11314.D	1	12/03/09	TF	n/a	n/a	VN378
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5.3	1.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	89%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15		
Lab Sample ID:	C8590-2	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG9787.D	1	12/01/09	JH	11/30/09	OP1545	GGG333
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (C10-C28)	ND	0.095	mg/l	
	TPH (> C28-C40) [a]	0.215	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		45-140%

(a) Estimate value due to discrete peaks mixed with Motor Oil.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16		
Lab Sample ID:	C8590-3	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N11315.D	1	12/03/09	TF	n/a	n/a	VN378
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.3	1.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	90%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16		
Lab Sample ID:	C8590-3	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG9788.D	1	12/01/09	JH	11/30/09	OP1545	GGG333
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (C10-C28)	ND	0.096	mg/l	
	TPH (> C28-C40)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	81%		45-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14		
Lab Sample ID:	C8590-4	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N11318.D	1	12/03/09	TF	n/a	n/a	VN378
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5.4	1.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	88%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14		
Lab Sample ID:	C8590-4	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG9789.D	1	12/01/09	JH	11/30/09	OP1545	GGG333
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (C10-C28)	ND	0.096	mg/l	
	TPH (> C28-C40)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		45-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	C8590-5	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N11319.D	1	12/03/09	TF	n/a	n/a	VN378
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	89%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	C8590-5	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG9790.D	1	12/01/09	JH	11/30/09	OP1545	GGG333
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (C10-C28)	ND	0.10	mg/l	
	TPH (> C28-C40)	ND	0.20	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		45-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12		
Lab Sample ID:	C8590-6	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N11322.D	1	12/03/09	TF	n/a	n/a	VN378
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
	TPH-GRO (C6-C10)	104	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	96%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12		
Lab Sample ID:	C8590-6	**Date Sampled:**	11/24/09
Matrix:	AQ - Ground Water	**Date Received:**	11/25/09
Method:	SW846 8015B M SW846 3510C	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG9791.D	1	12/01/09	JH	11/30/09	OP1545	GGG333
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (C10-C28)	ND	0.096	mg/l	
	TPH (> C28-C40)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		45-140%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Page 1 of 2

Northern California ACCUTEST Laboratories

CHAIN OF CUSTODY

3334 Victor Court, Santa Clara, CA 95054
(408) 588-0200 FAX (408) 588-0201

"CCCAA1635"

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest NC Job #: C8590

Client / Reporting Information

Company Name: CAMERON-COLE, LLC
Address: 101 W. ATLANTIC AVE, BLDG. 90
City / State / Zip: ALAMEDA, CA 94501
Project Contact: DENNIS BAKER
Phone #: 510-769-3571
Samplers's Name: DENNIS BAKER

Project Information

Project Name: ACT-Emeryville HQ09
Street: 45th St.
City / State: Emeryville, CA
Project #: 2036-001
EMAIL: DBAKER@CAMERON-COLE.COM
Client Purchase Order #:

Requested Analysis: BTEX, MTBE, TPHg by 8260B; TPH-d/mo by 8015m with Silica Gel Cleanup

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	BTEX, MTBE, TPHg by 8260B	TPH-d/mo by 8015m with Silica Gel Cleanup	LAB USE ONLY
-1	TB-01	11/24/09	1100	DB	GW	3	X								X		
-2	MW-15		1130	↓	↓	3	X								X		
↓	↓		↓			2					X					X	
-3	MW-16		1215			3	X								X		
↓	↓		↓			2					X					X	
-4	MW-14		1255			3	X								X		
↓	↓		↓			2					X					X	
-5	MW-11		1335			3	X								X		
↓	↓		↓			2					X					X	
-6	MW-12		1420	↓	↓	3	X								X		

Matrix Codes: WW-Water; GW-Ground Water; SW-Surface Water; SO-Soil; OI-Oil; WP-Wipe; LIQ-Non-aqueous Liquid; AIR; DW-Drinking Water (Perchlorate Only)

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] 10 Day (Workload dependent) Standard
- [ ] 6 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Approved By / Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [x] Commercial "B"
- [x] EDF for Geotracker
- [ ] EDD Format ____

Provide EDF Global ID: T0600118672
Provide EDF Logcode:

Comments / Remarks

3 vials each (w/ HCl) (x6)
2 L Ambers each N/P (x5)

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	11/25/09 0820	1	2	14:40 11/25/09	2
Relinquished by: 3	**Date Time:**	**Received By:** 3	**Relinquished By:** 4	**Date Time:**	**Received By:** 4
Relinquished by: 5	**Date Time:**	**Received By:** 5	**Custody Seal #**		

Appropriate Bottle / Pres. (Y) / N; Headspace Y / (N); On Ice (Y) / N; Cooler Temp. 5.3-0.4 = 4.9 °C
Labels match Coc? (Y) / N; Separate Receipt Log Y / (N)

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C8590: Chain of Custody
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Northern California ACCUTEST Laboratories

CHAIN OF CUSTODY

3334 Victor Court, Santa Clara, CA 95054
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #		Bottle Order Control #	
Accutest Quote #		Accutest NC Job #: C	C8590

Client / Reporting Information		Project Information	
Company Name	CAMERON-COLE, LLC	Project Name	ACT-Emeryville 4Q09
Address	101 W. ATLANTIC AVE., BLDG. 90	Street	45th ST.
City, State, Zip	ALAMEDA, CA 94501	City, State	Emeryville, CA
Project Contact	DENNIS BAKER	Project #	2036-001
Phone #	510-769-3571	EMAIL	DBAKER@CAMERON-COLE.com
Samplers's Name	DENNIS BAKER	Client Purchase Order #	

Requested Analysis: BTEX, MTBE, TPH-g by 8260B; TPH-diesel/motor oil by 8015M with Silica Gel Cleanup

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	BTEX, MTBE, TPH-g by 8260B	TPH-diesel/motor oil by 8015M with Silica Gel Cleanup	LAB USE ONLY
-6	MW-12	11/24/09	1420	DB	GW	2					X					X	

Matrix Codes: WW-Water, GW-Ground Water, SW-Surface Water, SO-Soil, OI-Oil, WP-Wipe, LIQ-Non-aqueous Liquid, AIR, DW-Drinking Water (Perchlorate Only)

Turnaround Time (Business days) — Approved By / Date:

- [ ] Std. 15 Business Days
- [x] 10 Day (~~Workload dependent~~) standard
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [x] Commercial "B"
- [x] EDF for Geotracker
- [ ] EDD Format
- Provide EDF Global ID: T0600118672
- Provide EDF Logcode:

Comments / Remarks

* Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Dennis C. Baker	11/25/09 0820	1 [signature]	2 [signature]	14:40 11/25/09	2 [signature]
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres. Y / N; Headspace Y / N; On Ice Y / N; Labels match Coc? Y / N; Separate Receipt Log Y / N	Cooler Temp. ____ oC

4.1

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C8590: Chain of Custody
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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C8590
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN378-MB	N11307.D	1	12/03/09	TF	n/a	n/a	VN378

The QC reported here applies to the following samples: **Method:** SW846 8260B

C8590-1, C8590-2, C8590-3, C8590-4, C8590-5, C8590-6

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	108%	60-130%
2037-26-5	Toluene-D8	101%	60-130%
460-00-4	4-Bromofluorobenzene	87%	60-130%

Blank Spike Summary

Job Number: C8590
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN378-BS	N11308.D	1	12/03/09	TF	n/a	n/a	VN378

The QC reported here applies to the following samples: **Method:** SW846 8260B

C8590-1, C8590-2, C8590-3, C8590-4, C8590-5, C8590-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.4	97	60-130
100-41-4	Ethylbenzene	20	19.8	99	60-130
1634-04-4	Methyl Tert Butyl Ether	20	19.9	100	60-130
108-88-3	Toluene	20	18.8	94	60-130
1330-20-7	Xylene (total)	60	56.8	95	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	92%	60-130%

Blank Spike Summary

Job Number: C8590
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN378-BS	N11309.D	1	12/03/09	TF	n/a	n/a	VN378

The QC reported here applies to the following samples: **Method:** SW846 8260B

C8590-1, C8590-2, C8590-3, C8590-4, C8590-5, C8590-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	130	104	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	60-130%
2037-26-5	Toluene-D8	101%	60-130%
460-00-4	4-Bromofluorobenzene	93%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C8590
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C8590-5MS	N11320.D	1	12/03/09	TF	n/a	n/a	VN378
C8590-5MSD	N11321.D	1	12/03/09	TF	n/a	n/a	VN378
C8590-5	N11319.D	1	12/03/09	TF	n/a	n/a	VN378

The QC reported here applies to the following samples: **Method:** SW846 8260B

C8590-1, C8590-2, C8590-3, C8590-4, C8590-5, C8590-6

CAS No.	Compound	C8590-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	20.0	100	19.6	98	2	60-130/25
100-41-4	Ethylbenzene	ND		20	19.6	98	19.9	100	2	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	19.5	98	19.1	96	2	60-130/25
108-88-3	Toluene	ND		20	19.2	96	18.9	95	2	60-130/25
1330-20-7	Xylene (total)	ND		60	55.8	93	56.6	94	1	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C8590-5	Limits
1868-53-7	Dibromofluoromethane	105%	104%	105%	60-130%
2037-26-5	Toluene-D8	97%	95%	100%	60-130%
460-00-4	4-Bromofluorobenzene	91%	95%	89%	60-130%

GC Semi-volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C8590
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP1545-MB	GG9784.D	1	12/01/09	JH	11/30/09	OP1545	GGG333

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C8590-2, C8590-3, C8590-4, C8590-5, C8590-6

CAS No.	Compound	Result	RL	Units	Q
	TPH (C10-C28)	ND	0.10	mg/l	
	TPH (> C28-C40)	ND	0.20	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	83%	45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C8590
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP1545-BS	GG9785.D	1	12/01/09	JH	11/30/09	OP1545	GGG333
OP1545-BSD	GG9786.D	1	12/01/09	JH	11/30/09	OP1545	GGG333

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C8590-2, C8590-3, C8590-4, C8590-5, C8590-6

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	1	0.762	76	0.709	71	7	45-140/30
	TPH (> C28-C40)	1	0.708	71	0.684	68	3	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	80%	78%	45-140%

Northern California ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

03/25/10

Technical Report for

Cameron-Cole

T0600118672-AC Transit, Emeryville, CA

2036-001

Accutest Job Number: C10232

Sampling Date: 03/11/10

Report to:

Cameron-Cole
50 Hegenberger Loop
Oakland, CA 94621
dbaker@cameron-cole.com; dmetz@cameron-cole.com;
ssurani@cameron-cole.com
ATTN: Dennis Baker

Total number of pages in report: **18**

ACCUTEST LABORATORIES 50 YEARS 1956-2006

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Anne Kathain 408-588-0200

Certifications: CA (08258CA)

Test results relate only to samples analyzed.

Sections: 1 2 3 4 5

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Sample Summary

Cameron-Cole

Job No: C10232

T0600118672-AC Transit, Emeryville, CA
Project No: 2036-001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C10232-1	03/11/10	10:00	DC	03/12/10	AQ	Trip Blank Water	TB-01
C10232-2	03/11/10	10:25	DC	03/12/10	AQ	Ground Water	W-1
C10232-3	03/11/10	11:00	DC	03/12/10	AQ	Ground Water	MW-1
C10232-4	03/11/10	11:45	DC	03/12/10	AQ	Ground Water	MW-6
C10232-5	03/11/10	12:15	DC	03/12/10	AQ	Ground Water	MW-4

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Cameron-Cole	**Job No**	C10232
Site:	T0600118672-AC Transit, Emeryville, CA	**Report Date**	3/25/2010 7:24:52 PM

4 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were collected on 03/11/2010 and were received at Accutest on 03/12/2010 properly preserved, at 1.8 Deg. C and intact. These Samples received an Accutest job number of C10232. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** VW426

- Sample(s) C10232-5MS, C10232-5MSD were used as the QC samples indicated.

Accutest Laboratories Northern California (ALNCA) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALNCA and as stated on the COC. ALNCA certifies that the data meets the Data QualityObjectives for precision, accuracy and completeness as specified in the ALNCA Quality Manual except as noted above. This report is to be used in its entirety. ALNCA is not responsible for any assumptions of data quality if partial data packages are used

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	TB-01		
Lab Sample ID:	C10232-1	**Date Sampled:**	03/11/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/12/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12242.D	1	03/23/10	BD	n/a	n/a	VW426
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	88%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W-1		
Lab Sample ID:	C10232-2	**Date Sampled:**	03/11/10
Matrix:	AQ - Ground Water	**Date Received:**	03/12/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12245.D	10	03/23/10	BD	n/a	n/a	VW426
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	12.4	10	ug/l	
108-88-3	Toluene	ND	10	ug/l	
100-41-4	Ethylbenzene	11.0	10	ug/l	
1330-20-7	Xylene (total)	20.3	20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	ug/l	
	TPH-GRO (C6-C10)	5820	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		60-130%
2037-26-5	Toluene-D8	89%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	C10232-3	**Date Sampled:**	03/11/10
Matrix:	AQ - Ground Water	**Date Received:**	03/12/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12243.D	1	03/23/10	BD	n/a	n/a	VW426
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	88%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6		
Lab Sample ID:	C10232-4	**Date Sampled:**	03/11/10
Matrix:	AQ - Ground Water	**Date Received:**	03/12/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12246.D	2	03/23/10	BD	n/a	n/a	VW426
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	39.8	2.0	ug/l	
108-88-3	Toluene	4.9	2.0	ug/l	
100-41-4	Ethylbenzene	8.2	2.0	ug/l	
1330-20-7	Xylene (total)	8.3	4.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/l	
	TPH-GRO (C6-C10)	1790	100	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	91%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	C10232-5	**Date Sampled:**	03/11/10
Matrix:	AQ - Ground Water	**Date Received:**	03/12/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	T0600118672-AC Transit, Emeryville, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12244.D	1	03/23/10	BD	n/a	n/a	VW426
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	88%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Northern California ACCUTEST Laboratories

CHAIN OF CUSTODY

3334 Victor Court, Santa Clara, CA 95054
(408) 588-0200 FAX (408) 588-0201

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C10232

Client / Reporting Information

Company Name: Cameron-Cole
Address: 50 Hegenberger LP
City: Oakland State: CA Zip: 94621
Project Contact: Shawn Simrani
Phone #: 510 777 1874
Sampler's Name: RC

Project Information

Project Name: AC Transit - Emeryville
Street: 45th st
City: Emeryville, State: CA
Project #: 2036-001/CCCAA 1635
EMAIL: ssimrani@cameron-cole.com
Client Purchase Order #: 2036

Requested Analysis: Gas, BTEX, MTBE, by 8260B

Matrix Codes: WW-Water, GW-Ground Water, SW-Surface Water, SO-Soil, OI-Oil, WP-Wipe, LIQ-Non-aqueous Liquid, AIR, DW-Drinking Water (Perchlorate Only)

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NAHSO4	MEOH	ENCORE	Gas, BTEX, MTBE, by 8260B	LAB USE ONLY
-1	TB-01	3/11/10	1000	RC	WW	3	✓								✓	
-2	W-1	↓	1025	↓	GW	↓	↓								↓	
-3	MW-1	↓	1100	↓	↓	↓	↓								↓	
-4	MW-6	↓	1145	↓	↓	↓	↓								↓	
-5	MW-4	↓	1215	↓	↓	↓	↓								↓	

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [x] ~~10 Day (Workload dependent)~~ standard
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Approved By / Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A"
- [x] Commercial "B"
- [x] EDF for Geotracker
- [x] EDD Format

Provide EDF Global ID: T0600118672
Provide EDF Logcode:

Comments / Remarks

3 vials each (w/HCL) (x5)

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	3/12/10 @ 0855	1 [signature]	2 [signature]	11:06 3/12/10	2 [signature]
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #		

Appropriate Bottle / Pres. (Y)/N | Headspace Y/(N) | On Ice (Y)/N | Cooler Temp. 1.5+0.3=1.8 °C
Labels match Coc? (Y)/N | Separate Receipt Log (Y)/N

C10232: Chain of Custody
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Accutest Laboratories Northern California
Sample Receiving Check List

Job# : C 10232
Sample Control Rep. Initial: EK
CCCAA1635

Review Chain of Custody **Chain of Custody is to be complete and legible.**

☑ Are these regulatory (~~NPDES~~) samples? ~~CWA~~ — (Yes) / No
☑ Is pH requested? — Yes / (No)
N/A ☑ Was Client informed that hold time is 15 min? Yes / No Continue Yes / No
N/A ☑ Was ortho-Phosphate filtered with in 15 min? Yes / No Continue Yes / No
☑ Are sample within hold time? — (Yes) / No
Are sample in danger of exceeding hold-time — Yes / (No)
☑ Existing Client? (Yes) / No Existing Project? (Yes) / No
If No: Is Report to info complete and legible, including;
☐ deliverable ☐ Name ☐ Address ☐ phone ☐ e-mail
Is Bill to info complete and legible, including;
☐ PO# ☐ Credit card ☐ Contact ☐ address ☐ phone ☐ e-mail
Is Contact and/or Project Manager identified, including;
☐ phone ☐ e-mail
☑ Project name / number ☐ ~~Special requirements?~~ — (Yes) / No
☑ Sample IDs / date & time of collection provided? — (Yes) / No
☑ Is Matrix listed and correct? — (Yes) / No
☑ Analyses listed we do or client has authorized a subcontract? — (Yes) / No
☑ Chain is signed and dated by both client and sample custodian? — (Yes) / No
☑ TAT requested available? (Yes) / No Approved by PM

Review Coolers:

☑ Were Coolers temperatures measured at ≤6°C? Cooler # 1 Temp 1.8 °C
- If cooler is outside the ≤6°C; note down below the affected bottles in that cooler
- Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

☑ Shipment Received Method AC
☑ Custody Seals: Present: Yes / (No) If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

☑ Chain matches bottle labels? (Yes) / No ☑ Sample bottle intact? (Yes) / No
☑ Is there enough sample volume in proper bottle for requested analyses? (Yes) / No
☑ Proper Preservatives? (Yes) / No Check pH on preserved samples except 1664, 625, 8270 and VOAs.
☑ Headspace-VOAs? **Greater than 6mm in diameter** Yes / (No)
List sample ID and affected container

Client Sample ID	pH Check	Other Comments/Issues

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Anc-srv-file1\d$\Entech-Data\Laboratory\SOPs\SOP_CompleteListing\SC001F1_1_Form1_SampleControl_SampleReceivingChecklist_2010-02-15.doc

C10232: Chain of Custody
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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C10232
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW426-MB	W12241.D	1	03/23/10	BD	n/a	n/a	VW426

The QC reported here applies to the following samples: **Method:** SW846 8260B

C10232-1, C10232-2, C10232-3, C10232-4, C10232-5

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	60-130%
2037-26-5	Toluene-D8	88%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Blank Spike Summary

Job Number: C10232
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW426-BS	W12238.D	1	03/23/10	BD	n/a	n/a	VW426

The QC reported here applies to the following samples: **Method:** SW846 8260B

C10232-1, C10232-2, C10232-3, C10232-4, C10232-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.3	97	60-130
100-41-4	Ethylbenzene	20	19.4	97	60-130
1634-04-4	Methyl Tert Butyl Ether	20	21.1	106	60-130
108-88-3	Toluene	20	18.1	91	60-130
1330-20-7	Xylene (total)	60	56.4	94	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	110%	60-130%
2037-26-5	Toluene-D8	89%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Blank Spike Summary

Job Number: C10232
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VW426-BS	W12240.D	1	03/23/10	BD	n/a	n/a	VW426

The QC reported here applies to the following samples: **Method:** SW846 8260B

C10232-1, C10232-2, C10232-3, C10232-4, C10232-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	107	86	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	60-130%
2037-26-5	Toluene-D8	88%	60-130%
460-00-4	4-Bromofluorobenzene	96%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C10232
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C10232-5MS	W12258.D	1	03/23/10	BD	n/a	n/a	VW426
C10232-5MSD	W12259.D	1	03/23/10	BD	n/a	n/a	VW426
C10232-5	W12244.D	1	03/23/10	BD	n/a	n/a	VW426

The QC reported here applies to the following samples: **Method:** SW846 8260B

C10232-1, C10232-2, C10232-3, C10232-4, C10232-5

CAS No.	Compound	C10232-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	16.8	84	18.9	95	12	60-130/25
100-41-4	Ethylbenzene	ND		20	16.3	82	18.5	93	13	60-130/25
1634-04-4	Methyl Tert Butyl Ether	0.82		20	19.1	91	21.9	105	14	60-130/25
108-88-3	Toluene	ND		20	15.4	77	17.4	87	12	60-130/25
1330-20-7	Xylene (total)	ND		60	47.6	79	53.8	90	12	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C10232-5	Limits
1868-53-7	Dibromofluoromethane	108%	109%	105%	60-130%
2037-26-5	Toluene-D8	88%	87%	88%	60-130%
460-00-4	4-Bromofluorobenzene	99%	99%	96%	60-130%