Alameda-Contra Costa Transit District

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Alameda County
Environmental Health

September 14, 2010

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

Dear Mr. Detterman:

Subject: Groundwater Monitoring Report – Third 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 August 12 and 13, 2010, from all monitoring wells MW-1 through MW-16 and W-1. Well MW-13 was measured to have 0.14 feet of free product and was not sampled for chemical analysis.

Sampling results indicated total petroleum hydrocarbons (TPH) as degraded diesel was measured in monitoring wells MW-5 (119 ug/l), MW-6 (2,080 ug/l), MW-7 (111 ug/l), MW-8 (97.6 ug/l), MW-10 (966 ug/l), and W-1 (698 ug/l). TPH as degraded gasoline was detected in MW-5 (450 ug/l), MW-6 (502 ug/l), MW-7 (475 ug/l), MW-8 (54.1 ug/l), MW-10 (266 ug/l), MW-12 (54.5 ug/l), and W-1 (4,650 ug/l). MTBE was detected above the Maximum Contaminant Level (MCL) of 5 ug/l but below the Environmental Screening Level (ESL) of 13 mg/l in MW-14 (7.6 ug/l), MW-15 (6.9 ug/l), and MW-15 (6.5 ug/l). 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, P.E.
Environmental Engineer

Enclosure

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

September 2010

Prepared For:

Ms. Suzanne Chaewsky
AC Transit
10626 International Boulevard
Oakland, California 94603

Prepared By:

Cameron-Cole
50 Hegenberger Loop
Oakland, California 94621

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

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Cameron-Cole
50 Hegenberger Loop
Oakland, California 94621

Reviewed By
Brad Wright, PG, CHG
Principle Hydrogeologist

STATE OF CALIFORNIA
REGISTERED GEOLOGIST
#6276
Exp. 9/12
BRADLEY D. WRIGHT
REGISTERED GEOLOGIST

Written By
Dennis Baker
Environmental Specialist

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INTRODUCTION

This report presents the results from the third 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 August 12 and 13, 2010, in accordance with directives from Alameda County Health Care Services (ACHCS).

GROUNDWATER MONITORING

Work performed during this sampling event 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 gasoline and 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 August 12, 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 0.023 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 0.14 feet.

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 third quarter 2010 sampling event. TPH as degraded diesel was detected in monitor wells MW-5, MW-6, MW-7, MW-8, MW-10, and W-1. TPH as degraded gasoline was detected in monitor wells MW-5, MW-6, MW-7, MW-8, 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. MTBE was detected above the State of California MCL of 5.0 ug/l but below the ESL of 13 ug/l in W-14, MW-15, and MW-16. 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 0.023 feet/foot.
- TPH as degraded diesel was detected in MW-5 (119 ug/l), MW-6 (2,080 ug/l), MW-7 (111 ug/l), MW-8 (97.6 ug/l), MW-10 (966 ug/l), and W-1 (698 ug/l).

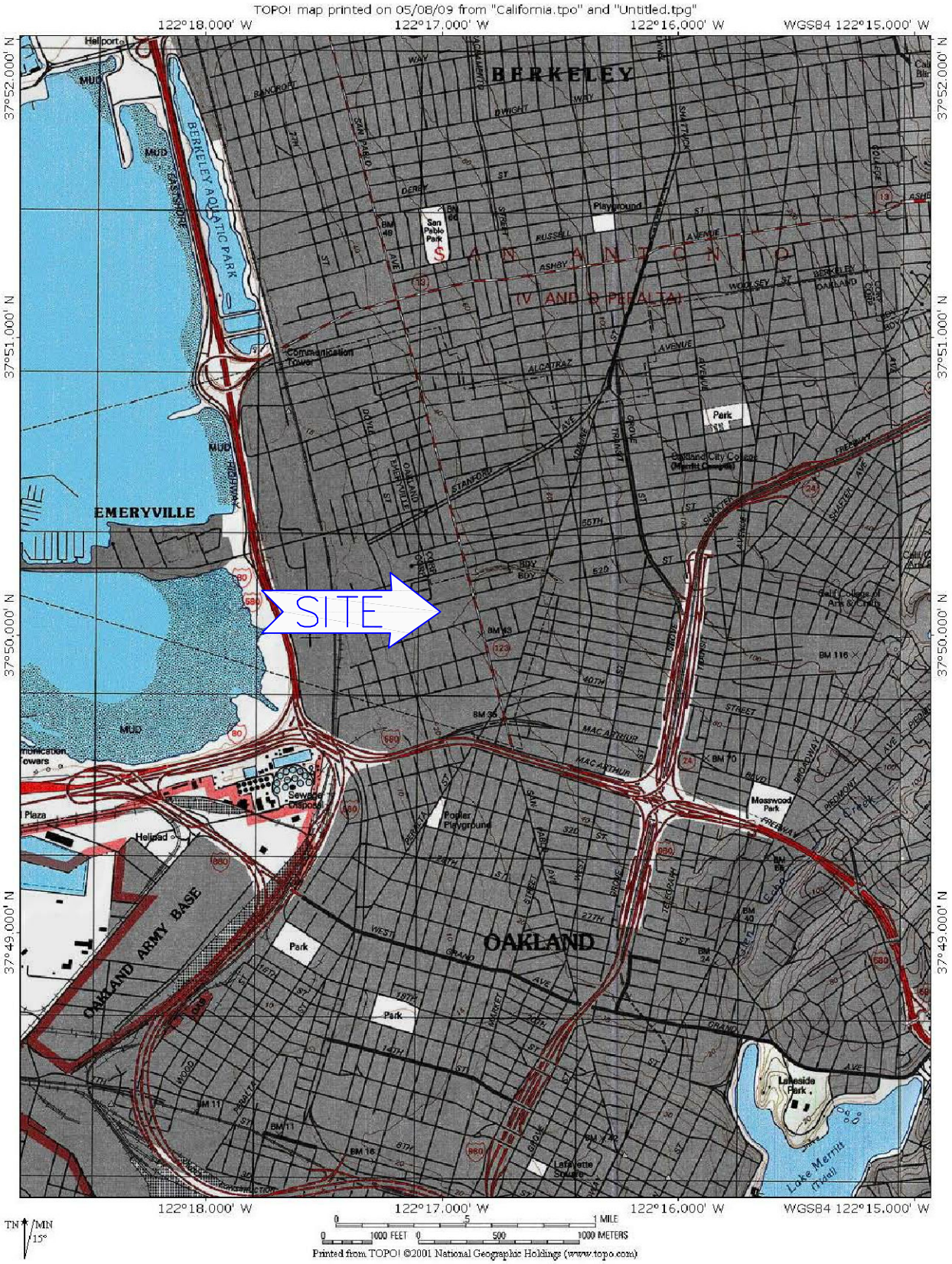
- TPH as degraded gasoline was detected in MW-5 (450 ug/l), MW-6 (502 ug/l), MW-7 (475 ug/l), MW-8 (54.1 ug/l), MW-10 (266 ug/l), MW-12 (54.5 ug/l), and W-1 (4,650 ug/l).

- MTBE was detected above the MCL of 5 ug/l but below the ESL of 13 mg/l in MW-14 (7.6 ug/l), MW-15 (6.9 ug/l), and MW-15 (6.5 ug/l).

PROJECTED WORK AND RECOMMENDATIONS

Quarterly groundwater monitoring of monitor wells MW-11 through MW-16 is scheduled for November 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



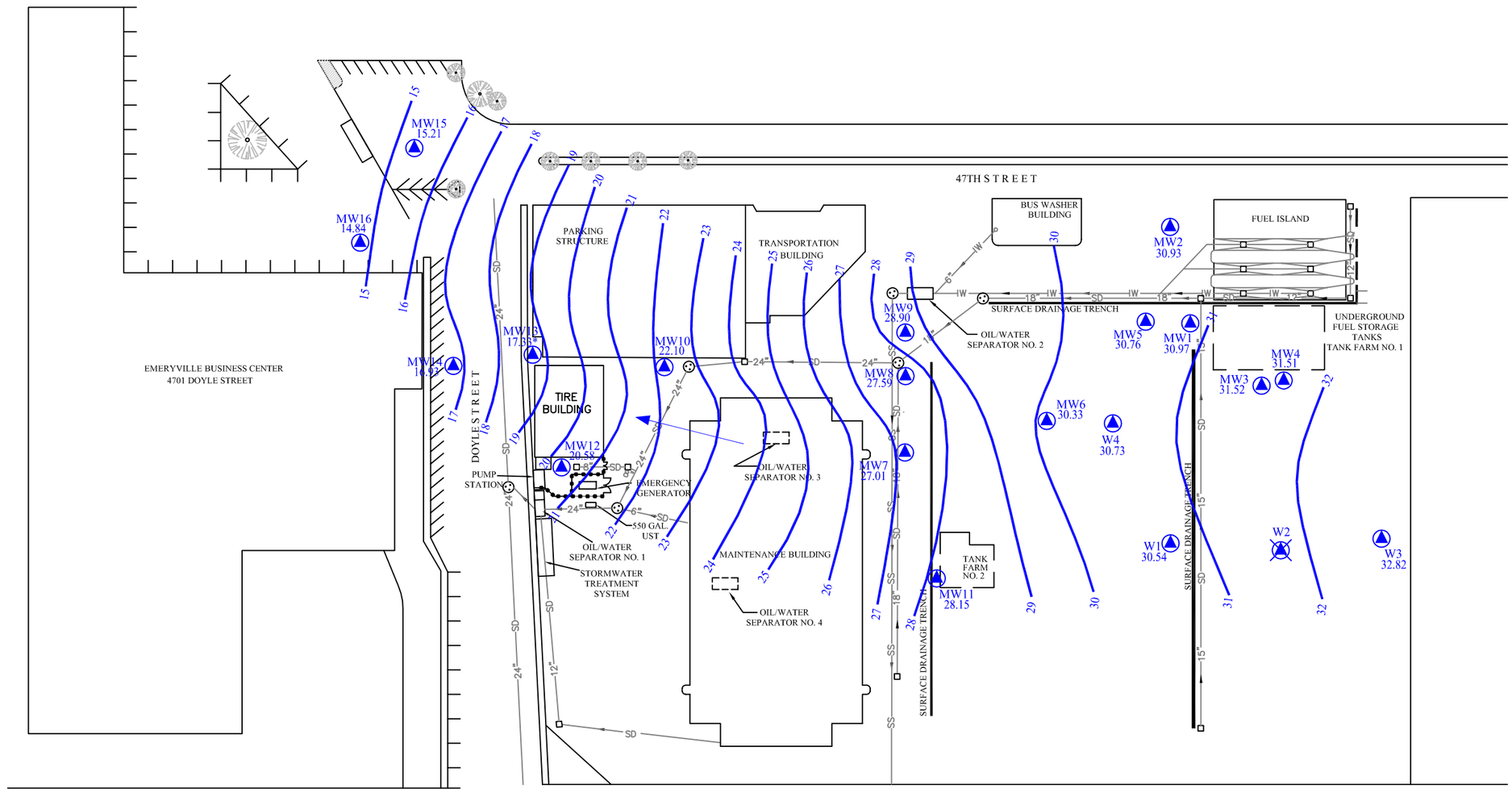
Cameron-Cole
101 WEST ATLANTIC AVENUE, BUILDING 90
ALAMEDA, CALIFORNIA 94501
PHONE: 510-337-8660
FAX: 510-337-3994
http://www.cameron-cole.com

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
- 14.84 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	09/10/10
CHECKED		
APPROVED		
APPROVED		
APPROVED		

Cameron-Cole
101 WEST ATLANTIC AVENUE, BUILDING 90
ALAMEDA, CALIFORNIA 94501
PHONE: 510-337-8660
FAX: 510-337-3994
http://www.cameron-cole.com

FIGURE 2
POTENTIOMETRIC SURFACE CONTOUR MAP AUGUST 12, 2010
AC TRANSIT, EMERYVILLE FACILITY - OAKLAND, CA

SCALE: 1" = 100'

DWG. NO.: 2036-012A

TABLES

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (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
	5/12/2010		None	4.00	31.66	NA
	8/12/2010		**None**	**4.69**	**30.97**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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
	5/12/2010		None	3.53	31.61	NA
	8/12/2010		**None**	**4.21**	**30.93**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (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
	5/12/2010		None	4.92	32.23	NA
	8/12/2010		**None**	**5.63**	**31.52**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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
	5/12/2010		None	5.16	31.99	NA
	8/12/2010		**None**	**5.64**	**31.51**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (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
	5/12/2010		None	3.41	31.43	NA
	8/12/2010		**None**	**4.08**	**30.76**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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
	5/12/2010		None	2.93	31.16	NA
	8/12/2010		**None**	**3.76**	**30.33**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (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
	5/12/2010		None	4.90	27.77	NA
	8/12/2010		**None**	**5.66**	**27.01**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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
	5/12/2010		None	4.52	27.92	NA
	8/12/2010		**None**	**4.85**	**27.59**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (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
	5/12/2010		None	2.93	29.38	NA
	8/12/2010		**None**	**3.41**	**28.90**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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
	5/12/2010		None	9.65	22.27	NA
	8/12/2010		**None**	**9.82**	**22.10**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (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
	5/12/2010		None	2.48	29.47	NA
	8/12/2010		**None**	**3.80**	**28.15**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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
	5/12/2010		None	10.48	21.28	NA
	8/12/2010		**None**	**11.18**	**20.58**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (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
	5/12/2010		0.34	8.86	17.84	18.11
	8/12/2010		**0.14**	**9.48**	**17.22**	**17.33**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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
	5/12/2010		None	9.29	16.69	NA
	8/12/2010		**None**	**9.05**	**16.93**	**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
	5/12/2010		None	8.45	15.77	NA
	8/12/2010		**None**	**9.01**	**15.21**	**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
	5/12/2010		None	7.56	15.34	NA
	8/12/2010		**None**	**8.06**	**14.84**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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
	5/12/2010		None	4.99	31.58	NA
	8/12/2010		**None**	**6.03**	**30.54**	**NA**
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**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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
	5/12/2010		None	6.14	34.27	NA
	8/12/2010		**None**	**7.59**	**32.82**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	Depth To Water (feet)	Groundwater Elevation (ft-msl)	Groundwater Elevation Corrected from Product Thickness* (ft-msl)
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	3.73	31.08	NA
	5/12/2010		None	3.56	31.25	NA
	8/12/2010		**None**	**4.08**	**30.73**	**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
	8/12/2010	**<95**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**1.1**

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-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
	8/12/2010	**<94**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**2.1**

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-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
	8/13/2010	**<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
	8/13/2010	**<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-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
	8/12/2010	**119**	**450**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**2.8**

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-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
	8/12/2010	**2,080**	**502**	**9.8**	**1.0**	**1.9**	**<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-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
	8/13/2010	**111**	**475**	**<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
	8/12/2010	**97.6**	**54.1**	**<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-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
	8/12/2010	**<94**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**3.4**

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-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
	8/13/2010	**966**	**266**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**1.2**

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
	5/12/2010	184	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	8/13/2010	**<94**	**<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-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
	5/12/2010	<96	71.4	<1.0	<1.0	<1.0	<2.0	2.9
	8/13/2010	**<94**	**54.5**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**4.1**

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-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						
	5/12/2010	**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
	5/12/2010	209	<50	<1.0	<1.0	<1.0	<2.0	6.3
	8/13/2010	**<96**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**7.6**
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
	5/12/2010	<97	<50	<1.0	<1.0	<1.0	<2.0	5.6
	8/13/2010	**<94**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**6.9**
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
	5/12/2010	255	<50	<1.0	<1.0	<1.0	<2.0	3.4
	8/13/2010	**<96**	**<50**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**6.5**

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**
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
	8/12/2010	**698**	**4,650**	**<10**	**<10**	**<10**	**<20**	**<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

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**
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

2105 Lundy Ave, San Jose, CA 95131
(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 #: 510-772-2013
Samplers's Name: DENNIS BAKER

Project Information

Project Name: ACT-EMERYVILLE 3Q2010
Street: 45th St.
City State: EMERYVILLE, CA
Project #: 02-10005-002036-601
EMAIL: DBAKER@CAMERON-COLE.COM
Client Purchase Order #

Requested Analysis

- 8260 Full List ☐ 624 ☐ TPH as Gasoline ☐
- 8260Petro (Includes BTEX / MtBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB☐ TPH as Gas ☐
- 8270 ☐ PAHs only ☐ 625 ☐ +TICs ☐
- TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup ☐
- METALS: CAM-17☐ LUFT-5☐ RCRA-8☐ PPM-13☐
- Pesticides-8081 ☐ PCBs-8082 ☐ 608 ☐
- BTEX-MtBE-TPH as Gasoline by GC/PID-FID ☐
- BTEX, MTBE, TPH-g by 8260B
- TPH-diesel/motor oil by 8015m - w/Silica Gel Cleanup

Matrix Codes

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

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Preserved: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE
	TB-01	8/12/10	1130	DB	W	3	X							
	W-1		1205		GW	3	X							
	↓		↓			2					X			
	mw-1		1240				X							
	↓		↓								X			
	mw-5		1305				X							
	↓		↓								X			
	mw-2		1345				X							
	↓		↓								X			
	mw-9		1420				X							

Turnaround Time (Business days)

- ☐ Standard TAT 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" - Results only
- ☒ Commercial "B" - Results with QC summaries
- ☐ Commerical "B+" - Results, QC, and chromatograms
- ☐ FULT1 - Level 4 data package
- ☒ 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	8/12/10/0700	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

2105 Lundy Ave, San Jose, CA 95131
(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 - 772 - 2013
Samplers's Name: DENNIS BAKER

Project Information

Project Name: ACT - EMERYVILLE 3Q2016
Street: 45th St.
City / State: EMERYVILLE, CA
Project #: 02 - 10005 - 002036 - 001
EMAIL: DBAKER@CAMERON-COLE.COM
Client Purchase Order #:

Requested Analysis

8260 Full List ☐ 624 ☐ TPH as Gasoline ☐
8260Petro (Includes BTEX / MtBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB ☐ TPH as Gas ☐
8270 ☐ PAHs only ☐ 625 ☐ +TICs ☐
TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup ☐
METALS: CAM-17 ☐ LUFT-5 ☐ RCRA-8 ☐ PPM-13 ☐
Pesticides-8081 ☐ PCBs-8082 ☐ 608 ☐
BTEX-MtBE-TPH as Gasoline by GC/PID-FID ☐
BTEX, MTBE, TPH-g by 8260B
TPH-d/mo by 8015B

Matrix Codes

WW- Wastewater
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

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE
	MW-9	8/12/16	1420	DB	GW	2					X			
	MW-8	8/12/16	1155			3	X							
	↓		↓			2					X			
	MW-6		1530			3	X							
	↓		↓			2					X			
	MW-7	8/13/16	0820			3	X							
	↓		↓			2					X			
	MW-3		0855			3	X							
	↓		↓			2					X			
	MW-4		0925			3	X							

Turnaround Time (Business days)

- ☐ Standard TAT 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" - Results only
- ☒ Commercial "B" - Results with QC summaries
- ☐ Commerical "B+" - Results, QC, and chromatograms
- ☐ FULT1 - Level 4 data package
- ☒ EDF for Geotracker ☐ 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	8/16/16/0700	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

2105 Lundy Ave, San Jose, CA 95131
(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 #: 510-777-2013
Samplers's Name: DENNIS BAKER

Project Information

Project Name: AC TRANSIT-EMERYVILLE 34 3210
Street: 45th ST.
City / State: EMERYVILLE, CA
Project #: 02-10605-602036-601
EMAIL: DBAKER@CAMERON-COLE.COM
Client Purchase Order #

Requested Analysis

8260 Full List ☐ 624 ☐ TPH as Gasoline ☐
8260Petro (Includes BTEX / MtBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB ☐ TPH as Gas ☐
8270 ☐ PAHs only ☐ 625 ☐ +TICs ☐
TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup ☐
METALS: CAM-17 ☐ LUFT-5 ☐ RCRA-8 ☐ PPM-13 ☐
Pesticides-8081 ☐ PCBs-8082 ☐ 608 ☐
BTEX-MtBE-TPH as Gasoline by GC/PID-FID ☐
BTEX, MTBE, TPH-G by 8260B
TPH-d/mo by 8015M

Matrix Codes

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

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Preserved: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE
	MW-4	8/13/10	0925	DB	GW	2					X			
	MW-10		1010			3	X							
	↓		↓			2					X			
	MW-12		1050			3	X							
	↓		↓			2					X			
	MW-15		1140			3	X							
	↓		↓			2					X			
	MW-14		1210			3	X							
	↓		↓			2					X			
	MW-16		1240			3	X							

Turnaround Time (Business days) | Data Deliverable Information | Comments / Remarks

- ☐ Standard TAT 15 Business Days — Approved By:/ Date: STANDARD
- ☒ 10 Day (Workload dependent)
- ☐ 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

- ☐ Commercial "A" - Results only
- ☒ Commercial "B" - Results with QC summaries
- ☐ Commerical "B+" - Results, QC, and chromatograms
- ☐ FULT1 - Level 4 data package
- ☒ EDF for Geotracker ☐ EDD Format
- Provide EDF Global ID: T0600115272
- Provide EDF Logcode:

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
1	Dennis C. Baker	8/16/10/1000	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

2105 Lundy Ave, San Jose, CA 95131
(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.COM
Address: 50 HECENBERGER LOOP
City / State / Zip: OAKLAND, CA 94621
Project Contact: DENNIS BAKER
Phone #: 510-777-2013
Samplers's Name: DENNIS BAKER

Project Information

Project Name: ACT-EMERYVILLE 3/2010
Street: 45th ST.
City / State: EMERYVILLE, CA
Project #: 07-10005-002036-001
EMAIL: DBAKER@CAMERON-COLE.COM
Client Purchase Order #:

Requested Analysis

8260 Full List ☐ 624 ☐ TPH as Gasoline ☐
8260Petro (Includes BTEX / MtBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB ☐ TPH as Gas ☐
8270 ☐ PAHs only ☐ 625 ☐ +TICs ☐
TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup ☐
METALS: CAM-17 ☐ LUFT-5 ☐ RCRA-8 ☐ PPM-13 ☐
Pesticides-8081 ☐ PCBs-8082 ☐ 608 ☐
BTEX-MtBE-TPH as Gasoline by GC/PID-FID ☐
BTEX, MTBE, TPH-g by 8260B
TPH-diesel by 8015M

Matrix Codes

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

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE
	MW-16	8/8/10	1240	DB	GW	2					X			
	MW-11		1310			2	X							
	↓		↓			2					X			

LAB USE ONLY

Turnaround Time (Business days)

- ☐ Standard TAT 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" - Results only
- ☒ Commercial "B" - Results with QC summaries
- ☐ Commerical "B+" - Results, QC, and chromatograms
- ☐ FULT1 - Level 4 data package
- ☒ EDF for Geotracker ☐ EDD Format
- Provide EDF Global ID: T0600115472
- 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	8/8/10/0700	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 Headspace Y / N On Ice Y / N Cooler Temp. ____ oC
Labels match Coc? Y / N Separate Receipt Log Y / N

HYDRODATA

PROJECT:_AC Transit - Emeryville EVENT:_3Q2010_____ SAMPLER:_DB_____

NO.	WELL OR LOCATION	DATE	TIME	MEASUREMENT	CODE	COMMENTS
1	MW-1	8/12/2010	0952	4.69	SWL	
2	MW-2	8/12/2010	0957	4.21	SWL	
3	MW-3	8/12/2010	0948	5.63	SWL	
4	MW-4	8/12/2010	0945	5.64	SWL	
5	MW-5	8/12/2010	0954	4.08	SWL	
6	MW-6	8/12/2010	1024	3.76	SWL	
7	MW-7	8/12/2010	1016	5.66	SWL	
8	MW-8	8/12/2010	1012	4.85	SWL	
9	MW-9	8/12/2010	1001	3.41	SWL	
10	MW-10	8/12/2010	1035	9.82	SWL	
11	MW-11	8/12/2010	1019	3.80	SWL	
12	MW-12	8/12/2010	1039	11.18	SWL	
13	MW-13	8/12/2010	1044	9.34	OIL	
14	MW-13	8/12/2010	1044	9.48	SWL	
15	MW-14	8/12/2010	1049	9.05	SWL	
16	MW-15	8/12/2010	1059	9.01	SWL	
17	MW-16	8/12/2010	1053	8.06	SWL	
18	W-1	8/12/2010	1032	6.03	SWL	
19	W-3	8/12/2010	0941	7.59	SWL	
20	W-4	8/12/2010	1027	4.08	SWL	

CODES:

SWL - Static Water Level

OIL - Oil Level

OWI - Oil/Water Interface

MTD - Measured Total Depth

CAMERON-COLE

SAMPLING EVENT DATA SHEET

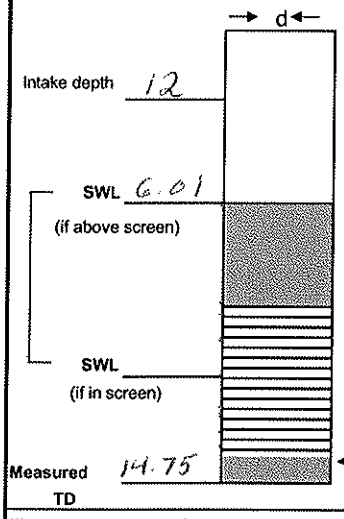
WELL OR LOCATION W-1

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/12/10

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

Diameter 2"

0.165 **gal/ft. casing**



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	11:54	0.83	6.01
	11:56		7.10
	11:58		7.16
Stop	12:00	↓	7.20
Sampled	12:05		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 8.74 ft. = 1.44 gals. X 3 = 4.33 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 5

Actual volumes purged 3.47

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
W-1	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓
TB-01	BTEX, MTBE, TPH-g by 8260B	↓

Additional Comments:

Trip Blank TB-01 collected @ 11:30

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	21.7	779	6.43	7.48		
2. 2	21.5	742	6.43	8.92		
3. 4	21.5	739	6.44	6.95		
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

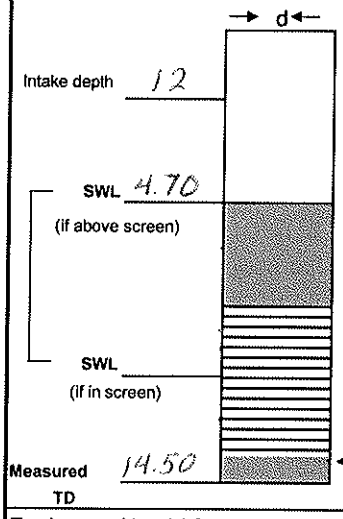
WELL OR LOCATION MW-1

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/12/10

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

Diameter 2"

0.165 **gal/ft. casing**



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	12:32	0.83	4.70
	12:33	↓	6.89
	12:36		10.78
Stop	12:38	↓	11.10
Sampled	12:40		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 9.8 ft. = 1.62 gals. X 3 = 4.85 gals.
(SWL to TD: 9.8 ft.; one volume: 1.62 gals.; purge volume - 3 casings: 4.85 gals.)

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 3.09

Well Yield ⊕ HY

COC # _____

Additional Comments:

Sample I.D.	Analysis	Lab
MW-1	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	23.0	554	6.73	18.60		
2. 3	22.0	571	6.70	8.43		
3. 4	21.8	555	6.70	6.95		
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

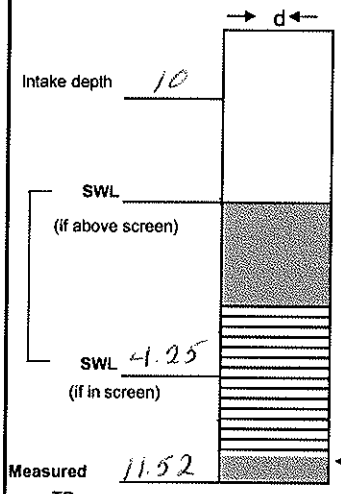
WELL OR LOCATION mw-2

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/12/10

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

Diameter 2"

0.165 **gal/ft. casing**



0 =TOP

15 =BOP

15 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	13:36	0.67	4.25
	13:38	↓	5.30
	13:40	↓	6.12
Stop	13:42	↓	6.91
Sampled	13:45		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 7.27 ft. (SWL to TD) = 1.20 gals. (one volume) X 3 = 3.60 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 4

Actual volumes purged 3.33

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
mw-2	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	23.5	516	6.68	17.59		
2. 2	22.7	521	6.66	12.11		
3. 3	22.5	517	6.64	20.82		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

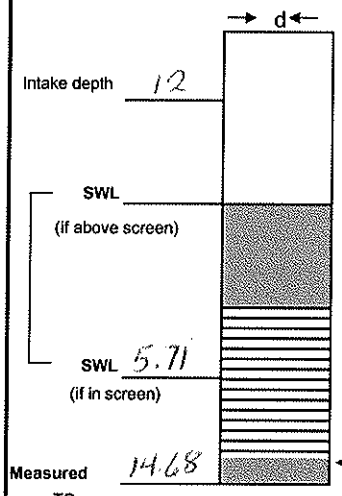
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-3

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 5/13/10



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

Diameter 2"

0.165 gal/ft. casing

5 =TOP

10 =BOP

15 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	08:45	0.83	5.71
	08:47	↓	8.24
Stop	0851	↓	11.46
Sampled	08:55		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 8.97 ft. (SWL to TD) = 1.48 gals. (one volume) X 3 = 4.44 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 3.38

Well Yield ⊕ MY

COC # _____

Additional Comments:

Sample I.D.	Analysis	Lab
MW-3	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	22.2	624	6.61	16.48		
2. 2	21.6	621	6.60	19.60		
3. 3.5	21.5	623	6.60	30.92		
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

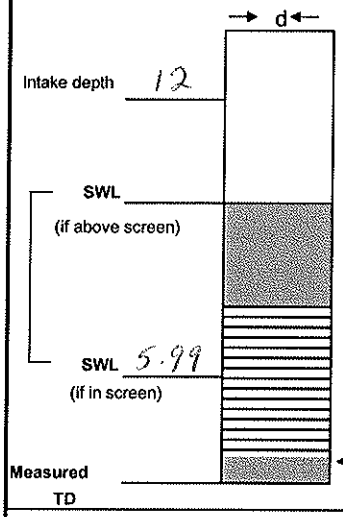
WELL OR LOCATION MW-4

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/13/10

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

Diameter 2"

0.165 **gal/ft. casing**



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	0916	0.33	5.99
	0918	↓	7.92
Stop	0922	↓	11.61
Sampled	0925		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 9.01 ft. (SWL to TD) = 1.49 gals. (one volume) X 3 = 4.46 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 3.36

Well Yield ⊕ MY

COC #

Sample I.D.	Analysis	Lab
MW-4	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	21.8	635	6.55	60.06		
2. 2	21.8	607	6.54	81.77		
3. 3.5	21.5	606	6.58	40.80		
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

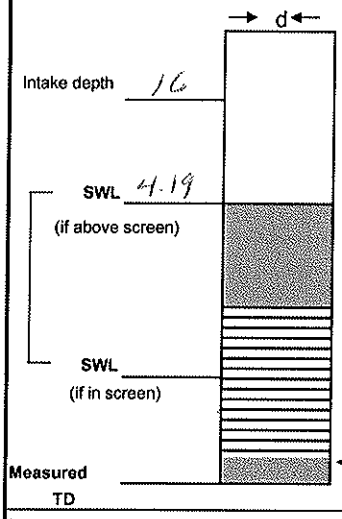
WELL OR LOCATION MW-5

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/12/10

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

Diameter 2"

0.165 **gal/ft. casing**



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	13:05	1.14	4.19
	13:08	↓	5.51
Stop	13:12	↓	6.06
Sampled	13:15		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 15.81 ft. (SWL to TD) = 2.61 gals. (one volume) X 3 = 7.83 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 8

Actual volumes purged 3.07

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-5	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	22.0	597	6.80	6.19		
2. 4	21.3	595	6.73	6.08		
3. 7	21.0	603	6.70	7.45		
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

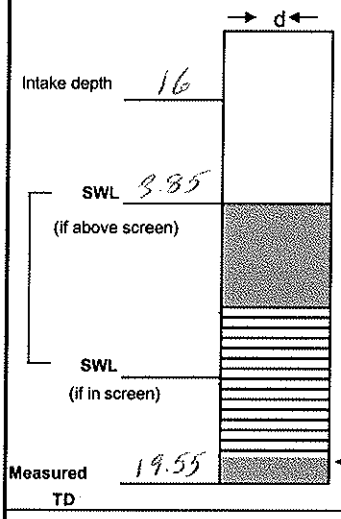
WELL OR LOCATION MW-6

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/12/10

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

Diameter 2"

0.165 **gal/ft. casing**



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	15:19	1.6	3.85
Stop	15:26	↓	4.70
Sampled	15:30		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 15.7 ft. = 2.59 gals. X 3 = 7.77 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 3.09

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-6	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	22.7	802	6.52	9.20		
2. 4	22.2	820	6.49	7.41		
3. 7	22.2	829	6.49	6.08		
4.						
5.						

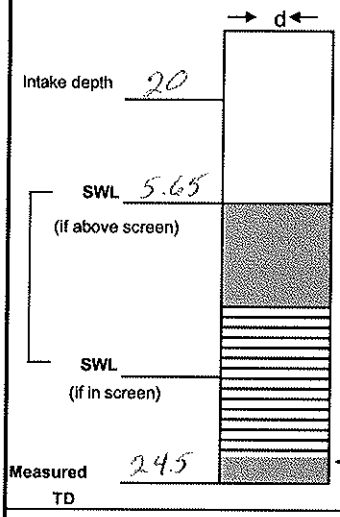
*Take measurement at approximately each casing volume purged. ⊕ HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-7

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/13/10



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

Diameter 2"

0.165 gal/ft. casing

18 =TOP

25 =BOP

25 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	08:06	1.0	5.65
	08:10		16.71
Stop	0816	↓	20.94
Sampled	0820		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 18.85 ft. (SWL to TD) = 3.11 gals. (one volume) X 3 = 9.33 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 10

Actual volumes purged 3.22

Well Yield ⊕ MY

COC # _____

Sample I.D.	Analysis	Lab
MW-7	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 3	19.3	838	6.45	3.64		
2. 6	20.0	835	6.40	8.97		
3. 9	21.1	838	6.38	6.12		
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

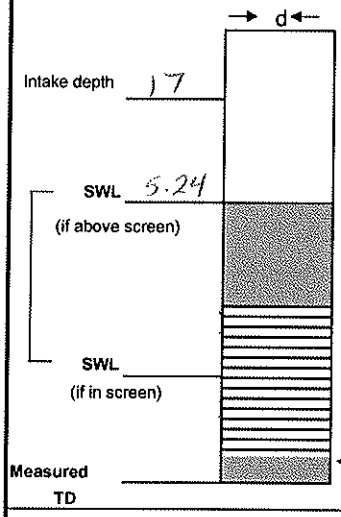
WELL OR LOCATION MW-8

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8-12-10

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

Diameter 2"

0.165 **gal/ft. casing**



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	14:47	1.141	5.24
	14:50		9.06
Stop	14:54	↓	12.47
Sampled	14:55		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 14.76 ft. (SWL to TD) = 2.44 gals. (one volume) X 3 = 7.31 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 for purging;
disposable bailer used for sampling.

Actual gallons purged 8

Actual volumes purged 3.28

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-8	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	22.2	882	6.51	8.02		
2. 4	22.3	880	6.45	7.49		
3. 7	21.9	878	6.42	7.16		
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

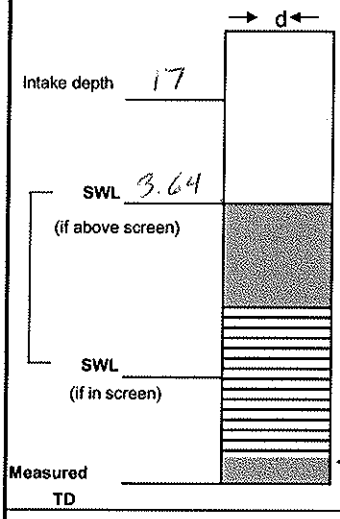
WELL OR LOCATION MW-9

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/12/10

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

Diameter 2"

0.165 **gal/ft. casing**



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	14:10	1.29	3.64
	14:13	↓	9.49
Stop	14:17	↓	13.52
Sampled	14:20		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.36 ft. (SWL to TD) = 2.70 gals. (one volume) X 3 = 8.10 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 9

Actual volumes purged 3.33

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-9	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	23.3	810	6.43	24.06		
2. 4	22.0	836	6.39	9.13		
3. 7	21.6	871	6.39	9.35		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

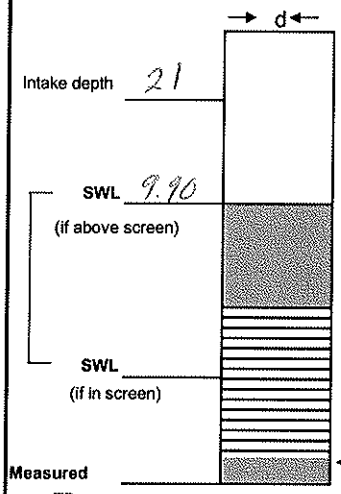
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-10

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/13/10



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

Diameter 2"

0.165 gal/ft. casing

15 =TOP

25 =BOP

25 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	0959	1.33	9.90
	1002	↓	14.13
Stop	1005	↓	17.49
Sampled	1010		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 15.1 ft. = 2.49 gals. X 3 = 7.47 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 3.21

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-10	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	18.8	642	6.70	38.92		
2. 4	18.8	661	6.69	7.13		
3. 7	18.7	656	6.68	6.19		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

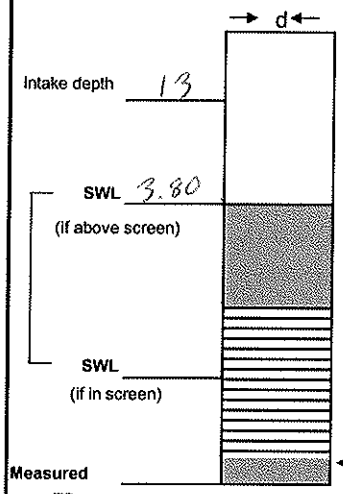
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION mw-11

PROJECT AC Transit - Emeryville | EVENT 3Q2010 | SAMPLER DB | DATE 8/13/10



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

Diameter 2"

0.165 gal/ft. casing

6 =TOP

16 =BOP

16 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1300	1.0	3.80
	1303	↓	3.81
Stop	1307	↓	3.81
Sampled	1310		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 1.22 ft. (SWL to TD) = 2.01 gals. (one volume) X 3 = 6.04 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 7

Actual volumes purged 3.48

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
mw-11	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1.5	23.6	520	7.18	9.45		
2. 3	23.8	498	7.14	5.57		
3. 6.5	23.7	494	7.12	4.08		
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

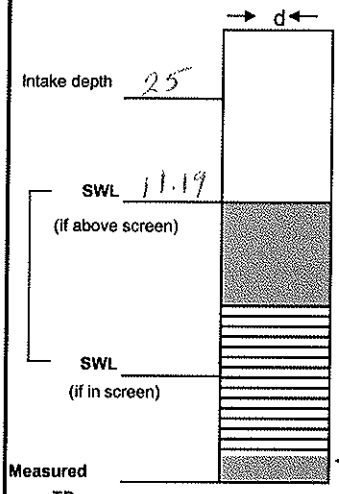
WELL OR LOCATION MW-12

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/13/10

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

Diameter 2"

0.165 **gal/ft. casing**



15 =TOP

30 =BOP

30 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1039	1.0	11.19
	1045	↓	17.26
Stop	1049	↓	19.25
Sampled	1050		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 18.81 ft. (SWL to TD) = 3.10 gals. (one volume) X 3 = 9.31 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 for purging;
disposable bailer used for sampling.

Actual gallons purged 10

Actual volumes purged 3.23

Well Yield ⊕ HY

COC # _____

Additional Comments:

Sample I.D.	Analysis	Lab
MW-12	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 3	18.8	639	6.63	31.34		
2. 6	18.9	564	6.58	46.25		
3. 9	18.9	588	6.53	31.06		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

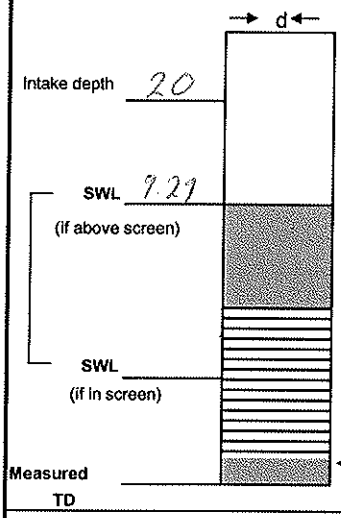
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-14

PROJECT AC Transit - Emeryville EVENT 3Q2010 SAMPLER DB DATE 8/13/16



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

Diameter 2"

0.165 gal/ft. casing

13 =TOP

23 =BOP

23 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	11:59	1.17	9.29
	12:02	↓	14.72
Stop	12:05	↓	18.73
Sampled	12:10		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 13.71 ft. (SWL to TD) = 2.26 gals. (one volume) X 3 = 6.79 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 for sampling.

Actual gallons purged 7

Actual volumes purged 3.10

Well Yield ⊕ HY

COC # _____

Sample I.D.	Analysis	Lab
MW-14	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	19.7	708	6.57	16.69		
2. 4	19.3	715	6.51	44.28		
3. 6	19.1	717	6.48	13.72		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

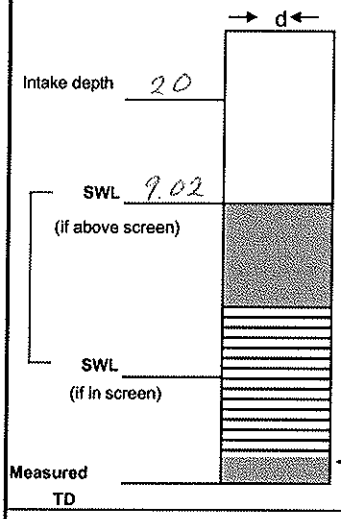
HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-15

PROJECT AC Transit - Emeryville EVENT 3Q2010 SAMPLER DB DATE 8/13/10



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

Diameter 2"

0.165 gal/ft. casing

20 =TOP

25 =BOP

25 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	11:29	1.14	9.02
	11:32	↓	10.88
Stop	11:36	↓	13.56
Sampled	11:40		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 15.98 ft. (SWL to TD) = 2.64 gals. (one volume) X 3 = 7.91 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 8

Actual volumes purged 3.03

Well Yield ⊕ HY

COC #

Additional Comments:

Sample I.D.	Analysis	Lab
MW-15	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	20.0	920	6.58	18.27		
2. 4	19.5	923	6.54	21.87		
3. 7	19.4	922	6.49	18.79		
4.						
5.						

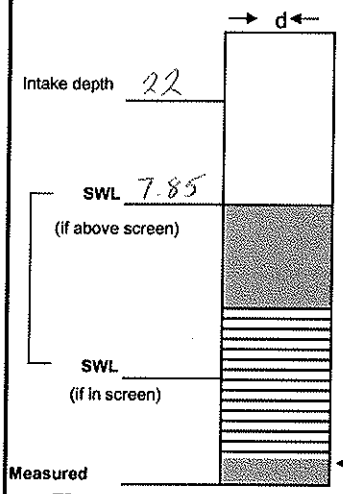
*Take measurement at approximately each casing volume purged. ⊕ HY-Minimal W.L. drop MY - WL drop - able to purge 3 volumes during one sitting by reducing pump rate or cycling pump LY - Able to purge 3 volumes by returing later or next day. VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-16

PROJECT AC Transit - Emeryville **EVENT** 3Q2010 **SAMPLER** DB **DATE** 8/13/10



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

Diameter 2"

0.165 gal/ft. casing

19 =TOP

24 =BOP

24 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1227	1.0	7.85
	1230		16.10
Stop	1235	↓	22.00
Sampled	1240		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.15 ft. (SWL to TD) = 2.66 gals. (one volume) X 3 = 7.99 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 for purging;
disposable bailer used for sampling.

Actual gallons purged 8

Actual volumes purged 3.01

Well Yield ⊕ LY

Additional Comments:

COC #

Sample I.D.	Analysis	Lab
MW-16	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-d/mo by 8015M with silica gel cleanup	↓

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	19.8	811	6.84	122.4		
2. 4	20.0	838	6.81	224.7		
3. 6	20.4	843	6.85	178.3		
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.

Northern California ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

08/30/10

Technical Report for

Cameron-Cole

T0600118672-AC Transit, Emeryville, CA

02-10005-002030-001

Accutest Job Number: C12133

Sampling Dates: 08/12/10 - 08/13/10

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: 57

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) DoD/ISO/IEC 17025:2005 (L2242)

Test results relate only to samples analyzed.

Sections: 1 2 3 4 5 6

Table of Contents

Sample Summary

Cameron-Cole

Job No: C12133

T0600118672-AC Transit, Emeryville, CA
Project No: 02-10005-002030-001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C12133-1	08/12/10	11:30	DB	08/16/10	AQ	Trip Blank Water	TB-01
C12133-2	08/12/10	12:05	DB	08/16/10	AQ	Ground Water	W-1
C12133-3	08/12/10	12:40	DB	08/16/10	AQ	Ground Water	MW-1
C12133-4	08/12/10	13:05	DB	08/16/10	AQ	Ground Water	MW-5
C12133-5	08/12/10	13:45	DB	08/16/10	AQ	Ground Water	MW-2
C12133-6	08/12/10	14:20	DB	08/16/10	AQ	Ground Water	MW-9
C12133-7	08/12/10	14:55	DB	08/16/10	AQ	Ground Water	MW-8
C12133-8	08/12/10	15:30	DB	08/16/10	AQ	Ground Water	MW-6
C12133-9	08/13/10	08:20	DB	08/16/10	AQ	Ground Water	MW-7
C12133-10	08/13/10	08:55	DB	08/16/10	AQ	Ground Water	MW-3
C12133-11	08/13/10	09:25	DB	08/16/10	AQ	Ground Water	MW-4
C12133-12	08/13/10	10:10	DB	08/16/10	AQ	Ground Water	MW-10
C12133-13	08/13/10	10:50	DB	08/16/10	AQ	Ground Water	MW-12

Sample Summary
(continued)

Cameron-Cole

Job No: C12133

T0600118672-AC Transit, Emeryville, CA
Project No: 02-10005-002030-001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C12133-14	08/13/10	11:40	DB	08/16/10	AQ	Ground Water	MW-15
C12133-15	08/13/10	12:10	DB	08/16/10	AQ	Ground Water	MW-14
C12133-16	08/13/10	12:40	DB	08/16/10	AQ	Ground Water	MW-16
C12133-17	08/13/10	13:10	DB	08/16/10	AQ	Ground Water	MW-11

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Cameron-Cole	**Job No**	C12133
Site:	T0600118672-AC Transit, Emeryville, CA	**Report Date**	8/30/2010 7:33:24 PM

16 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were collected between 08/12/2010 and 08/13/2010 and were received at Accutest on 08/16/2010 properly preserved and intact, unless noted below. These Samples received an Accutest job number of C12133. 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:** VN567

- Sample(s) C12109-10MS, C12109-10MSD were used as the QC samples indicated.

Matrix AQ **Batch ID:** VN568

- Sample(s) C12133-16MS, C12133-16MSD were used as the QC samples indicated.
- C12133-7 for TPH-GRO (C6-C10): Atypical pattern. See results for TPH as Diesel.

Extractables by GC By Method SW846 8015B M

Matrix AQ **Batch ID:** OP2546

- C12133-2: Higher boiling gasoline compounds in Diesel range.
- C12133-9, -13 for TPH (Diesel): Not a typical Diesel pattern. Chromatographic pattern between C10-C28.
- C12133-8 for TPH (Diesel): Diesel mixed with higher boiling gasoline compounds.
- C12133-3, -4, -5, -7 for TPH (Diesel): Petroleum hydrocarbon pattern elutes primarily between C10 and C28.

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:	C12133-1	**Date Sampled:**	08/12/10
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/16/10
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	N16713.D	1	08/18/10	TF	n/a	n/a	VN567
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	99%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	99%		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:	C12133-2	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16714.D	10	08/18/10	TF	n/a	n/a	VN567
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	10	ug/l	
108-88-3	Toluene	ND	10	ug/l	
100-41-4	Ethylbenzene	ND	10	ug/l	
1330-20-7	Xylene (total)	ND	20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	ug/l	
	TPH-GRO (C6-C10)	4650	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		60-130%
2037-26-5	Toluene-D8	97%		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:	W-1		
Lab Sample ID:	C12133-2	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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 [a]	GG16504.D	1	08/18/10	JH	08/17/10	OP2546	GGG494
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel) [a]	0.698	0.094	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	66%		45-140%

(a) Higher boiling gasoline compounds in Diesel range.

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:	C12133-3	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16715.D	1	08/18/10	TF	n/a	n/a	VN567
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	1.1	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	98%		60-130%
2037-26-5	Toluene-D8	97%		60-130%
460-00-4	4-Bromofluorobenzene	103%		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:	C12133-3	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16505.D	1	08/18/10	JH	08/17/10	OP2546	GGG494
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 (Diesel) [a]	ND	0.095	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	64%		45-140%

(a) Petroleum hydrocarbon pattern elutes primarily between C10 and C28.

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-5		
Lab Sample ID:	C12133-4	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16716.D	1	08/18/10	TF	n/a	n/a	VN567
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	2.8	1.0	ug/l	
	TPH-GRO (C6-C10)	450	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	107%		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-5		
Lab Sample ID:	C12133-4	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16506.D	1	08/18/10	JH	08/17/10	OP2546	GGG494
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 (Diesel) [a]	0.119	0.096	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	57%		45-140%

(a) Petroleum hydrocarbon pattern elutes primarily between C10 and C28.

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-2		
Lab Sample ID:	C12133-5	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16717.D	1	08/18/10	TF	n/a	n/a	VN567
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	2.1	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	97%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	99%		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-2		
Lab Sample ID:	C12133-5	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16507.D	1	08/18/10	JH	08/17/10	OP2546	GGG494
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel) [a]	ND	0.094	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	68%		45-140%

(a) Petroleum hydrocarbon pattern elutes primarily between C10 and C28.

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-9		
Lab Sample ID:	C12133-6	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16727.D	1	08/19/10	TF	n/a	n/a	VN568
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	3.4	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	97%		60-130%
2037-26-5	Toluene-D8	94%		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-9		
Lab Sample ID:	C12133-6	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16508.D	1	08/18/10	JH	08/17/10	OP2546	GGG494
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel)	ND	0.094	mg/l	
	TPH (Motor Oil)	0.850	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	61%		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-8		
Lab Sample ID:	C12133-7	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16728.D	1	08/19/10	TF	n/a	n/a	VN568
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) [a]	54.1	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	113%		60-130%

(a) Atypical pattern. See results for TPH as Diesel.

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-8		
Lab Sample ID:	C12133-7	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16509.D	1	08/18/10	JH	08/17/10	OP2546	GGG494
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel) [a]	0.0976	0.094	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		45-140%

(a) Petroleum hydrocarbon pattern elutes primarily between C10 and C28.

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:	C12133-8	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16739.D	1	08/19/10	TF	n/a	n/a	VN568
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	9.8	1.0	ug/l	
108-88-3	Toluene	1.0	1.0	ug/l	
100-41-4	Ethylbenzene	1.9	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)	502	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	103%		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:	C12133-8	**Date Sampled:**	08/12/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16565.D	2	08/19/10	JH	08/17/10	OP2546	GGG495
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel) [a]	2.08	0.19	mg/l	
	TPH (Motor Oil)	ND	0.38	mg/l	

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

(a) Diesel mixed with higher boiling gasoline compounds.

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-7		
Lab Sample ID:	C12133-9	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16730.D	1	08/19/10	TF	n/a	n/a	VN568
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)	475	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	113%		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-7		
Lab Sample ID:	C12133-9	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16674.D	1	08/22/10	JH	08/17/10	OP2546	GGG496
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel) [a]	0.111	0.094	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		45-140%

(a) Not a typical Diesel pattern. Chromatographic pattern between C10-C28.

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-3		
Lab Sample ID:	C12133-10	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16731.D	1	08/19/10	TF	n/a	n/a	VN568
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	97%		60-130%
2037-26-5	Toluene-D8	94%		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-3		
Lab Sample ID:	C12133-10	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16675.D	1	08/22/10	JH	08/17/10	OP2546	GGG496
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 (Diesel)	ND	0.095	mg/l	
	TPH (Motor Oil)	0.274	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-4		
Lab Sample ID:	C12133-11	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16732.D	1	08/19/10	TF	n/a	n/a	VN568
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	97%		60-130%
2037-26-5	Toluene-D8	94%		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-4		
Lab Sample ID:	C12133-11	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16676.D	1	08/22/10	JH	08/17/10	OP2546	GGG496
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 (Diesel)	ND	0.095	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	78%		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-10		
Lab Sample ID:	C12133-12	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16733.D	1	08/19/10	TF	n/a	n/a	VN568
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	1.2	1.0	ug/l	
	TPH-GRO (C6-C10)	266	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	107%		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-10		
Lab Sample ID:	C12133-12	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16677.D	1	08/22/10	JH	08/17/10	OP2546	GGG496
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel)	0.966	0.094	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	82%		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:	C12133-13	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16734.D	1	08/19/10	TF	n/a	n/a	VN568
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	4.1	1.0	ug/l	
	TPH-GRO (C6-C10)	54.5	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%
2037-26-5	Toluene-D8	94%		60-130%
460-00-4	4-Bromofluorobenzene	101%		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:	C12133-13	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16678.D	1	08/22/10	JH	08/17/10	OP2546	GGG496
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel) [a]	ND	0.094	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	83%		45-140%

(a) Not a typical Diesel pattern. Chromatographic pattern between C10-C28.

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:	C12133-14	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16735.D	1	08/19/10	TF	n/a	n/a	VN568
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	6.9	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	98%		60-130%
2037-26-5	Toluene-D8	94%		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-15		
Lab Sample ID:	C12133-14	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16650.D	1	08/22/10	JH	08/17/10	OP2546	GGG496
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel)	ND	0.094	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	69%		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:	C12133-15	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16736.D	1	08/19/10	TF	n/a	n/a	VN568
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	7.6	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	97%		60-130%
2037-26-5	Toluene-D8	94%		60-130%
460-00-4	4-Bromofluorobenzene	101%		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:	C12133-15	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16651.D	1	08/22/10	JH	08/17/10	OP2546	GGG496
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 (Diesel)	ND	0.096	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		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-16		
Lab Sample ID:	C12133-16	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16737.D	1	08/19/10	TF	n/a	n/a	VN568
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	6.5	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	98%		60-130%
2037-26-5	Toluene-D8	96%		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-16		
Lab Sample ID:	C12133-16	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16652.D	1	08/22/10	JH	08/18/10	OP2546	GGG496
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 (Diesel)	ND	0.096	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		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:	C12133-17	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	N16738.D	1	08/19/10	TF	n/a	n/a	VN568
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	98%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	101%		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:	C12133-17	**Date Sampled:**	08/13/10
Matrix:	AQ - Ground Water	**Date Received:**	08/16/10
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	GG16649.D	1	08/22/10	JH	08/18/10	OP2546	GGG496
Run #2							

	Initial Volume	Final Volume
Run #1	1060 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel)	ND	0.094	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	56%		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

Northern California ACCUTEST Laboratories

CHAIN OF CUSTODY

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

CCCAA1635

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C12133

Client / Reporting Information

Company Name: CAMERON-COLE, LLC
Address: 50 HEGENBERGER LOOP
City: OAKLAND, CA 94621
Project Contact: DENNIS BAKER
Phone #: 510-772-2013
Sampler's Name: DENNIS BAKER

Project Information

Project Name: ACT-EMERYVILLE 3Q2010
Street: 45TH ST.
City: EMERYVILLE, CA
Project #: 02-10005-002036-001
EMAIL: DBAKER@CAMERON-COLE.COM
Client Purchase Order #:

Requested Analysis

TPH as Gasoline; 8260 Full List; 8260Petro (includes BTEX / MtBE / TBA / EBE / DIPE / TAME / 1,2-DCA / EDB); TPH as Gas; 8270; +TICs; PAHs only; 625; TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup; METALS: CAM-17 PPM-13; LUFT-5; RCRA-8; Pesticides-8081; PCBs-8082; 608; GTEX-MtBE-TPH as Gasoline by GC/PID-FID; BTEX, MTBE, TPH-g by 8260B; TPH-diesel/motor oil by 8015M with Silica Gel Cleanup

Matrix Codes

WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OIL- Oil; WP- Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Potable or City)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	H2SO4	NONE	Na2S2O3	NaOH	ZnAcet	Comments / Remarks
-1	TB-01	8/12/10	1130	DB	W	3	X						
-2	W-1		1205		GW	3	X						
↓	↓		↓			2			X				
-3	MW-1		1240				X						
↓	↓		↓						X				
-4	MW-5		1305				X						
↓	↓		↓						X				
-5	MW-2		1345				X						
↓	↓		↓						X				
-6	MW-9		1426	↓	↓		X						

Comments / Remarks:
2x1L Ambers each (X16)
3 vials each (w/HCl) (X16)
(-17) → 2 vials (w/HCl) ONLY
Cooler #1: 1.6 + 0.3 = 1.9°C (Cooler #3: 0.8 + 0.3 = 1.1°C)
↓ #2: 1.9 + 0.3 = 2.2°C

Turnaround Time (Business days)

Approved By/Date:

- [ ] Standard TAT 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" - Results only
- [X] Commercial "B" - Results with QC summaries N
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULTI - Level 4 data package
- [X] EDF for Geotracker [ ] EDD Format
- Provide EDF GlobalID: T0600118672
- Provide EDF Logcode:

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	8/16/10 0740	1	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 #	Appropriate Bottle / Preservative Y/N	Headspace Y/N	On Ice Y/N	Cooler Temp
5			5		Labels match Cont. Y/N	Separate Receipt Log Y/N		3-Coolers Rec'd: oc

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C12133: Chain of Custody
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Northern California
ACCUTEST Laboratories

CHAIN OF CUSTODY

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest NC Job #: C C12133

Client / Reporting Information		Project Information	
Company Name	CAMERON-COLE, LLC	Project Name:	ACT-EMERYVILLE 3420/6
Address	50 HEGENBERGER LOOP	Street	45th ST.
City / State / Zip	OAKLAND, CA 94621	City / State	EMERYVILLE, CA
Project Contact:	DENNIS BAKER	Project #	02-10005-002036-001
Phone #	510-772-2013	EMAIL:	DBAKER@CAMERON-COLE.com
Samplers's Name	DENNIS BAKER	Client Purchase Order #	

Requested Analysis: 8260 Full List ☐ 624 ☐ TPH as Gasoline ☐; 8260Petro (includes BTEX / MtBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB) ☐ TPH as Gas ☐; 8270 ☐ PAHs only ☐ 625 ☐ +TICs ☐; TPH-Extractable - Diesel - Motor Oil - Other ☐ With Silica Gel Cleanup ☐; METALS: CAM-17 ☐ LUFT-5 ☐ RCRA-8 ☐ PPM-13 ☐; Pesticides-8081 ☐ PCBs-8082 ☐ 608 ☐; BTEX-MtBE-TPH as Gasoline by GC/PID-FID ☐; BTEX, MTBE, TPH-g by 8260B; TPH-d/mo by 8015m

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

Accutest Sample ID	Sample ID / Field Point / 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-d/mo by 8015m	LAB USE ONLY
-6	MW-9	8/12/10	1420	DB	GW	2					X					X	
-7	MW-8	8/12/10	1455			3	X								X		
↓	↓		↓			2					X					X	
-8	MW-6		1530			3	X								X		
↓	↓	↓	↓			2					X					X	
-9	MW-7	8/13/10	0820			3	X								X		
↓	↓		↓			2					X					X	
-10	MW-3		0855			3	X								X		
↓	↓		↓			2					X					X	
-11	MW-4		0925			3	X								X		

Turnaround Time (Business days) — Approved By / Date:
- ☐ Standard TAT 15 Business Days
- ☒ 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" - Results only
- ☒ Commercial "B" - Results with QC summaries
- ☐ Commercial "B+" - Results, QC, and chromatograms
- ☐ FULT1 - Level 4 data package
- ☒ EDF (for Geotracker) ☐ 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	8/16/10 0700	1 [signature]	19:10 08/16/10	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. ___ °C

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C12133: Chain of Custody
Page 2 of 5

Northern California ACCUTEST Laboratories

CHAIN OF CUSTODY

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C12133

Client / Reporting Information

Company Name: CAMERON-COLE, LLC
Address: 50 HEGENBERGER LOOP
City: OAKLAND State: CA Zip: 94621
Project Contact: DENNIS BAKER
Phone #: 510-772-2013
Samplers's Name: DENNIS BAKER

Project Information

Project Name: AC TRANSIT-EMERYVILLE 3Q2010
Street: 45th St
City: EMERYVILLE State: CA
Project #: 03-10005-002334-001
EMAIL: DBAKER@CAMERON-COLE.COM
Client Purchase Order #:

Requested Analysis

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

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	HNO3	H2SO4	NONE	NaHSO4	NaOH	Encore	8260 Full List 624	8260Petro (includes BTEX / MTBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB) 624	TPH as Gas	TICs	PAHs only 625	8270	TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup	METALS: CAM-17 PPM-13	LUFT-5	RCRA-8	Pesticides-8081	PCBs-8082	608	BTEX-MTBE-TPH as Gasoline by GC/PID-FID	BTEX, MTBE, TPH-g by 8260B	TPH-d/mo by 8015M	LAB USE ONLY
-11	MW-4	8/13/10	0925	DB	GW	2				X																		X	
-12	MW-10		1010			3	X																				X	X	
↓	↓		↓			2				X																		X	
-13	MW-12		1050			3	X																				X	X	
↓	↓		↓			2				X																		X	
-14	MW-15		1140			3	X																				X	X	
↓	↓		↓			2				X																		X	
-15	MW-14		1210			3	X																				X	X	
↓	↓		↓			2				X																		X	
-16	MW-16		1240			3	X																				X	X	

Turnaround Time (Business days) | Data Deliverable Information | Comments / Remarks

- [ ] Standard TAT 15 Business Days — Approved By/Date:
- [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

- [ ] Commercial "A" - Results only
- [X] Commercial "B" - Results with QC summaries
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [X] EDF for Geotracker [ ] EDD Format
- Provide EDF GlobalID: T0600119272
- Provide EDF Logcode:

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	8/16/10 0800	1 CMW 08/16/10 19:10	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 #	Appropriate Bottle / Pres. Y/N	Headspace Y/N	On Ice Y/N	Cooler Temp
5		5		Labels match COC? Y / N	Separate Receipt Log Y/N		°C

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C12133: Chain of Custody
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Northern California
ACCUTEST
Laboratories

CHAIN OF CUSTODY

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest NC Job #: C C12133

Client / Reporting Information

Company Name: CAMERON-COLE.COM
Address: 50 HEGENBERGER LOOP
City: OAKLAND State: CA Zip: 94621
Project Contact: DENNIS BAKER
Phone #: 510-772-2013
Samplers's Name: DENNIS BAKER

Project Information

Project Name: ACT-EMERYVILLE 369016
Street: 45th St.
City: EMERYVILLE State: CA
Project #: 07-10005-002036 bl01
EMAIL: DBAKER@CAMERON-COLE.COM
Client Purchase Order #:

Requested Analysis: 8260 Full List / 624 / TPH as Gasoline; 8260Petro (includes BTEX / MtBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB) TPH as Gas; 8270 / 625 / +TICs / PAHs only; TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup; METALS: CAM-17 / LUFT-5 / RCRA-8 / PPM-13; Pesticides-8081 / 608; PCBs-8082; BTEX-MtBE-TPH as Gasoline by GC/PID-FID; BTEX, MTBE, TPH-g by 8260B; TPH-d/mo by 8015M

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

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	Cl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MeOH	ENCORE	BTEX, MTBE, TPH-g by 8260B	TPH-d/mo by 8015M	LAB USE ONLY
-16	MW-16	8/13/10	1240	DB	GW	2					X					X	
-17	MW-11		1310			2	X								X		
↓	↓		↓			2					X					X	

Turnaround Time (Business days)

- [ ] Standard TAT 15 Business Days — Approved By / Date:
- [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" - Results only
- [X] Commercial "B" - Results with QC summaries
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [X] EDF for Geotracker
- [ ] EDD Format

Provide EDF Global ID: T0600118472a
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	8/16/10 / 0700	1 [signature] 19:10 08/16/10	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; Headspace Y / N; On Ice Y / N; Cooler Temp. ___ °C
Labels match Coc? Y / N; Separate Receipt Log Y / N

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C12133: Chain of Custody
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Accutest Laboratories Northern California
Sample Receiving Check List

Job# : C12133
Sample Control Rep. Initial: BK

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

- ☑ Are these regulatory ~~(NPDES)~~ samples? ~~GWA~~ — 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: 3 Coolers Rec'd.

- ☑ Were Coolers temperatures measured at ≤6°C? Cooler # ___ Temp ___ °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 Accutest Courier.
- ☑ 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
		Cooler #1 1.6+0.3 = 1.9°C
		#2 1.9+0.3 = 2.2°C
		#3 0.8+0.3 = 1.1°C

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

C12133: 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: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN567-MB	N16698.D	1	08/18/10	TF	n/a	n/a	VN567

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

C12133-1, C12133-2, C12133-3, C12133-4, C12133-5

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	102%	60-130%
2037-26-5	Toluene-D8	94%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Method Blank Summary

Job Number: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN568-MB	N16724.D	1	08/19/10	TF	n/a	n/a	VN568

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

C12133-6, C12133-7, C12133-8, C12133-9, C12133-10, C12133-11, C12133-12, C12133-13, C12133-14, C12133-15, C12133-16, C12133-17

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	101%	60-130%
2037-26-5	Toluene-D8	95%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN567-BS	N16699.D	1	08/18/10	TF	n/a	n/a	VN567

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

C12133-1, C12133-2, C12133-3, C12133-4, C12133-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	20.1	101	60-130
100-41-4	Ethylbenzene	20	19.3	97	60-130
1634-04-4	Methyl Tert Butyl Ether	20	22.9	115	60-130
108-88-3	Toluene	20	18.5	93	60-130
1330-20-7	Xylene (total)	60	57.5	96	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	60-130%
2037-26-5	Toluene-D8	93%	60-130%
460-00-4	4-Bromofluorobenzene	103%	60-130%

Blank Spike Summary

Job Number: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN567-BS	N16700.D	1	08/18/10	TF	n/a	n/a	VN567

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

C12133-1, C12133-2, C12133-3, C12133-4, C12133-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	121	97	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	60-130%
2037-26-5	Toluene-D8	94%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN568-BS	N16725.D	1	08/19/10	TF	n/a	n/a	VN568

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

C12133-6, C12133-7, C12133-8, C12133-9, C12133-10, C12133-11, C12133-12, C12133-13, C12133-14, C12133-15, C12133-16, C12133-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	20	19.7	99	60-130
100-41-4	Ethylbenzene	20	18.9	95	60-130
1634-04-4	Methyl Tert Butyl Ether	20	22.7	114	60-130
108-88-3	Toluene	20	18.2	91	60-130
1330-20-7	Xylene (total)	60	56.8	95	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	60-130%
2037-26-5	Toluene-D8	94%	60-130%
460-00-4	4-Bromofluorobenzene	104%	60-130%

Blank Spike Summary

Job Number: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN568-BS	N16726.D	1	08/19/10	TF	n/a	n/a	VN568

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

C12133-6, C12133-7, C12133-8, C12133-9, C12133-10, C12133-11, C12133-12, C12133-13, C12133-14, C12133-15, C12133-16, C12133-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	119	95	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	60-130%
2037-26-5	Toluene-D8	94%	60-130%
460-00-4	4-Bromofluorobenzene	101%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C12109-10MS	N16718.D	1	08/18/10	TF	n/a	n/a	VN567
C12109-10MSD	N16719.D	1	08/18/10	TF	n/a	n/a	VN567
C12109-10	N16712.D	1	08/18/10	TF	n/a	n/a	VN567

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

C12133-1, C12133-2, C12133-3, C12133-4, C12133-5

CAS No.	Compound	C12109-10 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	18.8	94	20.0	100	6	60-130/25
100-41-4	Ethylbenzene	ND		20	17.9	90	19.2	96	7	60-130/25
1634-04-4	Methyl Tert Butyl Ether	0.97	J	20	19.6	93	22.7	109	15	60-130/25
108-88-3	Toluene	ND		20	17.2	86	18.5	93	7	60-130/25
1330-20-7	Xylene (total)	ND		60	53.5	89	57.2	95	7	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C12109-10	Limits
1868-53-7	Dibromofluoromethane	100%	101%	98%	60-130%
2037-26-5	Toluene-D8	93%	94%	96%	60-130%
460-00-4	4-Bromofluorobenzene	100%	102%	99%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C12133-16MS	N16744.D	1	08/19/10	TF	n/a	n/a	VN568
C12133-16MSD	N16745.D	1	08/19/10	TF	n/a	n/a	VN568
C12133-16	N16737.D	1	08/19/10	TF	n/a	n/a	VN568

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

C12133-6, C12133-7, C12133-8, C12133-9, C12133-10, C12133-11, C12133-12, C12133-13, C12133-14, C12133-15, C12133-16, C12133-17

CAS No.	Compound	C12133-16 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	19.7	99	20.0	100	2	60-130/25
100-41-4	Ethylbenzene	ND		20	18.9	95	19.4	97	3	60-130/25
1634-04-4	Methyl Tert Butyl Ether	6.5		20	27.4	105	26.9	102	2	60-130/25
108-88-3	Toluene	ND		20	18.3	92	18.7	94	2	60-130/25
1330-20-7	Xylene (total)	ND		60	56.6	94	58.0	97	2	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C12133-16	Limits
1868-53-7	Dibromofluoromethane	101%	100%	98%	60-130%
2037-26-5	Toluene-D8	94%	95%	96%	60-130%
460-00-4	4-Bromofluorobenzene	103%	103%	100%	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: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP2546-MB	GG16500.D	1	08/18/10	JH	08/17/10	OP2546	GGG494

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

C12133-2, C12133-3, C12133-4, C12133-5, C12133-6, C12133-7, C12133-8, C12133-9, C12133-10, C12133-11, C12133-12, C12133-13, C12133-14, C12133-15, C12133-16, C12133-17

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel)	ND	0.10	mg/l	
	TPH (Motor Oil)	ND	0.20	mg/l	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	82%	45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C12133
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP2546-BS	GG16501.D	1	08/18/10	JH	08/17/10	OP2546	GGG494
OP2546-BSD	GG16502.D	1	08/18/10	JH	08/17/10	OP2546	GGG494

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

C12133-2, C12133-3, C12133-4, C12133-5, C12133-6, C12133-7, C12133-8, C12133-9, C12133-10, C12133-11, C12133-12, C12133-13, C12133-14, C12133-15, C12133-16, C12133-17

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	1	0.568	57	0.595	60	5	45-140/30
	TPH (Motor Oil)	1	0.494	49	0.506	51	2	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	56%	59%	45-140%