Alameda-Contra Costa Transit District

November 4, 2011

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 2011
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 2 and 3, 2011, from 16 monitoring wells. Well MW-13 was measured to have 0.03 feet of free product and was not sampled for chemical analysis.

Sampling results indicated total petroleum hydrocarbons (TPH) as degraded diesel were measured above the environmental screening level (ESL) of 210 µg/l in monitoring wells MW-6 (5,490 µg/l), MW-10 (998 µg/l), and W-1 (465 µg/l). Degraded gasoline was detected above the ESL of 210 µg/l in monitoring wells MW-5 (289 µg/l), MW-6 (1,340 µg/l), MW-7 (296 µg/l) and W-1 (3,240 µg/l). Benzene was detected above the ESL of 1 µg/l in monitoring well MW-6 (5.6 µg/l). MTBE was not detected above the ESL of 13 µg/l in any well sampled. Monthly purging of well MW-13 continues to be performed as an interim remedial measure.

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

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

Sincerely,

Suzanne Chaewsky

Suzanne Chaewsky, P.E.
Manager, Safety and Environmental Engineering

Enclosure

1600 Franklin Street, Oakland, CA 94603•(510) 577-8869•schaewsk@actransit.org

THIRD QUARTER 2011 GROUNDWATER MONITORING REPORT FOR THE AC TRANSIT FACILITY LOCATED AT 1177 47th STREET, EMERYVILLE, CALIFORNIA

October 2011

Prepared For:

Ms. Suzanne Chaewsky
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Oakland, California 94603

Prepared By:

Cameron-Cole
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Oakland, California 94621

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Written By
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Environmental Specialist

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INTRODUCTION

This report presents the results from the third quarter 2011 groundwater monitoring event for the AC Transit Facility located at 1177 47th Street, Emeryville, California (Figure 1). The third quarter 2011 groundwater monitoring event was performed by Cameron-Cole on August 2-3, 2011, in accordance with directives from Alameda County Health Care Services (ACHCS).

GROUNDWATER MONITORING

Work performed during this sampling event included measuring for the presences of free-phase hydrocarbons and depth to water in 19 monitor wells, collecting groundwater samples from 16 monitor wells (MW-1 through MW-12, MW-14 through MW-16, and W-1), and overpurging monitor well MW-13. A groundwater sample was not collected from MW-13 due to the presence of a free-phase hydrocarbon layer. The groundwater samples were analyzed for total extractable petroleum hydrocarbons (TEPH) as gasoline (TPH-g), benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl tertiary-butyl ether (MTBE) by Environmental Protection Agency (EPA) Method 8260B, and for TEPH as diesel and motor oil (TPH-d and TPH-m) using EPA Method 8015 Modified. Prior to conducting EPA Method 8015 Modified, the laboratory prepared the TPH-d and TPH-m samples utilizing silica gel cleanup.

Figure 2 displays all the site monitor wells. Chain-of-custody documents, field data sheets, and certified analytical reports are included in Appendix A.

Groundwater Elevations and Flow Direction

On August 2, 2011, all 19 monitor wells (16 on-site and 3 off-site) were inspected and measured for the presence of free-phase hydrocarbons and depth to groundwater. Measurements of the 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 0.022 feet/foot. Monitor well MW-13 was the only well with a free-phase hydrocarbon layer, which measured 0.03 feet. Overpurging of MW-13 was performed to remove the free-phase hydrocarbon layer. Overpurging of

MW-13 has been conducted monthly since March 2009 (Table 3).

Groundwater Sampling Activities

Prior to sample collection, the monitor wells were purged a minimum of three casing volumes using a centrifugal pump. 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.

Groundwater samples were collected in 40-milliliter glass vials preserved with hydrochloric acid for analysis by EPA Method 8260B and one-liter non-preserved amber glass containers for analysis by EPA Method 8015 M 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 the groundwater analytical results for the third quarter 2011 sampling event. TPH as degraded diesel was detected above the environmental screening level (ESL) of 210 micrograms per liter (ug/l) in monitor wells MW-6 (5,490 ug/l), MW-10 (998 ug/l), and W-1 (465 ug/l). Degraded gasoline was detected above the environmental screening level (ESL) of 210 micrograms per liter (ug/l) in monitor wells MW-5 (289 ug/l), MW-6 (1,340 ug/l), MW-7 (296 ug/l), and W-1 (3,240 ug/l). Benzene was detected above the Maximum Contaminate Level (MCL) of 1.0 ug/l in monitor well MW-6 (5.6 ug/l). MTBE was not detected above the MCL of 13 ug/l in any monitor well. 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 0.022 feet/foot.

- The free phase hydrocarbon layer measured in MW-13 was removed by overpurging the well.

- TPH as degraded diesel was detected above the ESL in monitor wells MW-6 (5,490 ug/l), MW-10 (998 ug/l), and W-1 (465 ug/l).

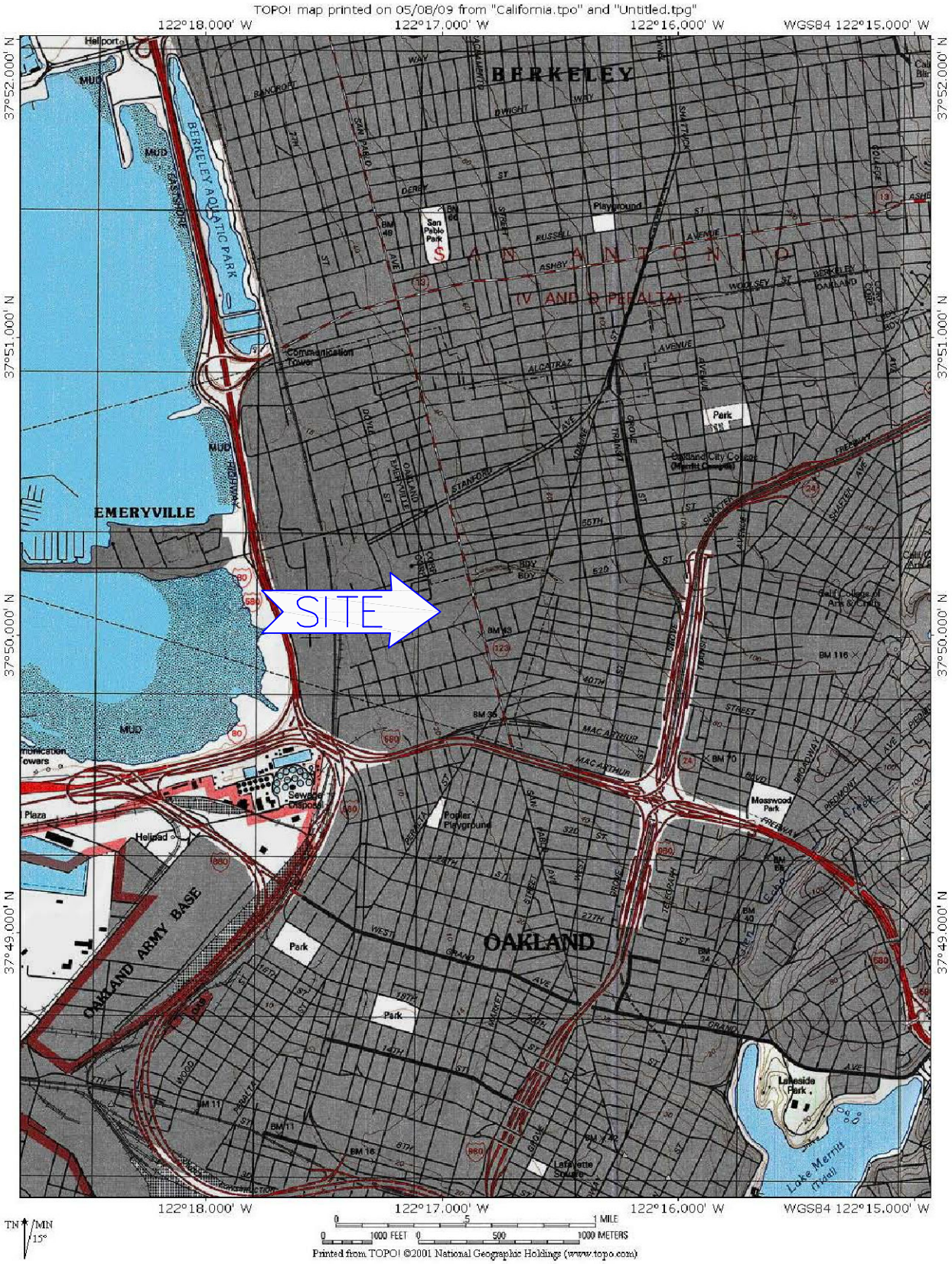
- TPH as degraded gasoline was detected above the ESL in MW-5 (289 ug/l), MW-6 (1,340 ug/l), MW-7 (296 ug/l), and W-1 (3,240 ug/l).

- Benzene was detected above the MCL of 1.0 ug/l in MW-6 (5.6 ug/l).

PROJECTED WORK AND RECOMMENDATIONS

Semi-annual groundwater sampling of monitor wells MW-1 through MW-16 and W1 is scheduled for May 2012. This event will include site-wide depth to groundwater level measurements, including inspection of each monitor well for free-phase hydrocarbon. Additionally, monthly overpurging of MW-13 will continue if a free-phase hydrocarbon layer is present.

FIGURES



Cameron-Cole
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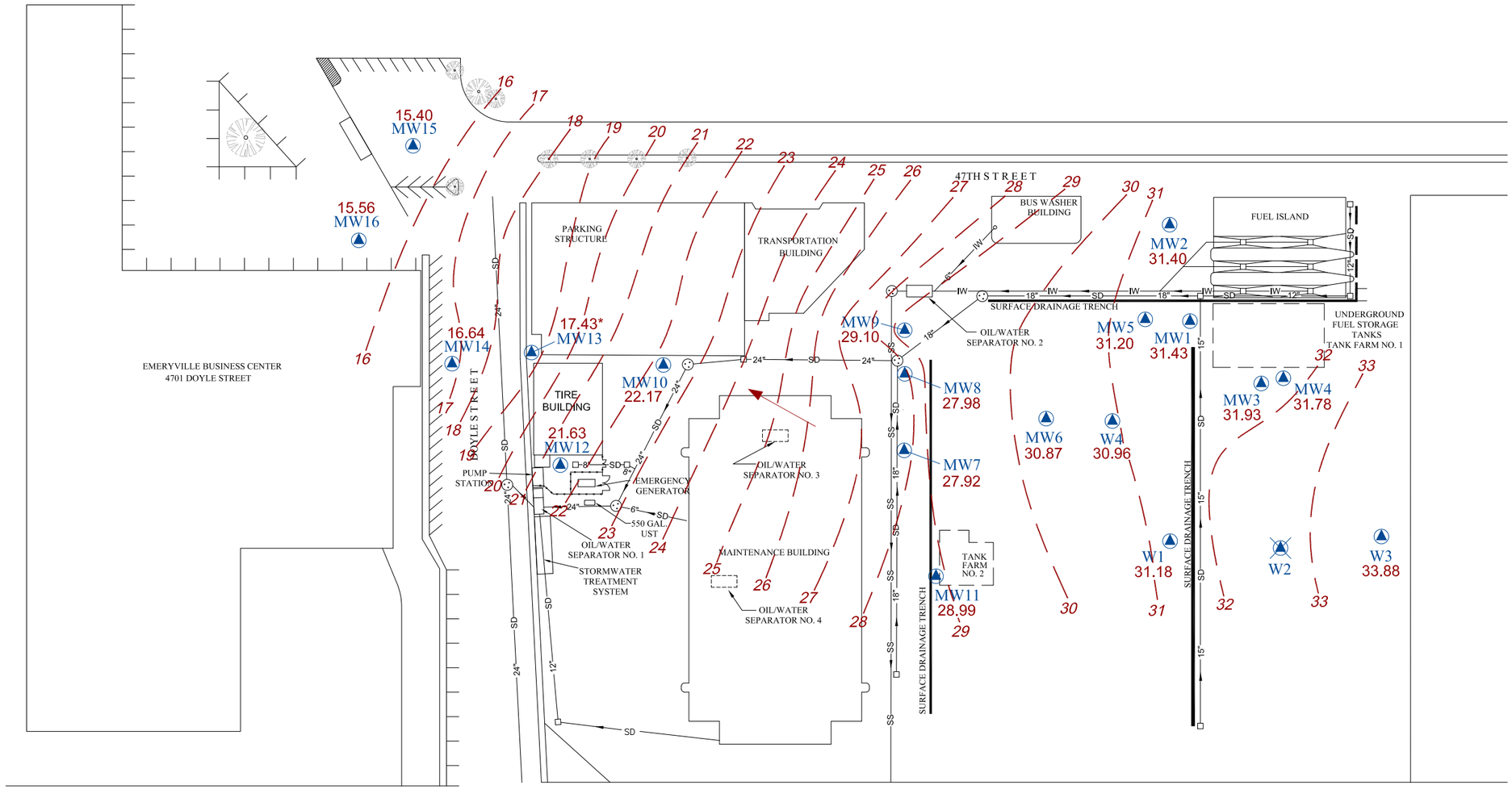
FIGURE 1

SITE LOCATION MAP
AC TRANSIT – EMERYVILLE
EMERYVILLE, CALIFORNIA

SCALE:	DATE:
AS NOTED	05–08–09

2036–003A



LEGEND

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

N

0 100
FEET

	BY	DATE
DRAWN	AJW	10/05/11
CHECKED		
APPROVED		
APPROVED		
APPROVED		

Cameron-Cole
50 HEGENBERGER LOOP
OAKLAND, CALIFORNIA 94621
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FIGURE 2

POTENTIOMETRIC SURFACE CONTOUR MAP- AUGUST 2, 2011
AC TRANSIT, EMERYVILLE FACILITY - OAKLAND, CA

SCALE: 1" = 100'

DWG. NO.: SITE1011.DWG

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
	11/22/2010		None	3.78	31.88	NA
	2/1/2011		None	4.11	31.55	NA
	5/24/2011		None	3.96	31.70	NA
	8/2/2011		**None**	**4.23**	**31.43**	**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
	11/22/2010		None	3.32	31.82	NA
	2/1/2011		None	3.60	31.54	NA
	5/24/2011		None	3.53	31.61	NA
	8/2/2011		**None**	**3.74**	**31.40**	**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
	11/22/2010		None	5.28	31.87	NA
	2/1/2011		None	5.15	32.00	NA
	5/24/2011		None	5.01	32.14	NA
	8/2/2011		**None**	**5.22**	**31.93**	**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-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
	11/22/2010		None	4.94	32.21	NA
	2/1/2011		None	5.28	31.87	NA
	5/24/2011		None	5.15	32.00	NA
	8/2/2011		**None**	**5.37**	**31.78**	**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
	11/22/2010		None	3.27	31.57	NA
	2/1/2011		None	3.46	31.38	NA
	5/24/2011		None	3.37	31.47	NA
	8/2/2011		**None**	**3.64**	**31.20**	**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
	11/22/2010		None	2.85	31.24	NA
	2/1/2011		None	2.99	31.10	NA
	5/24/2011		None	2.91	31.18	NA
	8/2/2011		**None**	**3.22**	**30.87**	**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
	11/22/2010		None	5.50	27.17	NA
	2/1/2011		None	4.89	27.78	NA
	5/24/2011		None	4.60	28.07	NA
	8/2/2011		**None**	**4.75**	**27.92**	**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
	11/22/2010		None	5.01	27.43	NA
	2/1/2011		None	4.22	28.22	NA
	5/24/2011		None	4.16	28.28	NA
	8/2/2011		**None**	**4.46**	**27.98**	**NA**

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

Well	Date	Top of Casing Elevation (ft-msl)	Product Thickness (feet)	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
	11/22/2010		None	3.42	28.89	NA
	2/1/2011		None	3.05	29.26	NA
	5/24/2011		None	3.00	29.31	NA
	8/2/2011		**None**	**3.21**	**29.10**	**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-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
	11/22/2010		None	9.48	22.44	NA
	2/1/2011		None	9.38	22.54	NA
	5/24/2011		None	9.30	22.62	NA
	8/2/2011		**None**	**9.75**	**22.17**	**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
	11/22/2010		None	1.99	29.96	NA
	2/1/2011		None	2.52	29.43	NA
	5/24/2011		None	2.39	29.56	NA
	8/2/2011		**None**	**2.96**	**28.99**	**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
	11/22/2010		None	10.21	21.55	NA
	2/1/2011		None	9.95	21.81	NA
	5/24/2011		None	10.04	21.72	NA
	8/2/2011		**None**	**10.13**	**21.63**	**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
	11/22/2010		0.12	9.14	17.56	17.66
	2/1/2011		0.06	8.74	17.96	18.01
	5/24/2011		0.05	9.00	17.70	17.74
	8/2/2011		**0.27**	**9.27**	**17.43**	**17.65**

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
	11/22/2010		None	9.13	16.85	NA
	2/1/2011		None	8.53	17.45	NA
	5/24/2011		None	8.95	17.03	NA
	8/2/2011		**None**	**9.34**	**16.64**	**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
	11/22/2010		None	8.50	15.72	NA
	2/1/2011		None	8.30	15.92	NA
	5/24/2011		None	8.47	15.75	NA
	8/2/2011		**None**	**8.82**	**15.40**	**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
	11/22/2010		None	9.21	13.69	NA
	2/1/2011		None	6.95	15.95	NA
	5/24/2011		None	6.84	16.06	NA
	8/2/2011		**None**	**7.34**	**15.56**	**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
	11/22/2010		None	4.92	31.65	NA
	2/1/2011		None	5.11	31.46	NA
	5/24/2011		None	4.99	31.58	NA
	8/2/2011		**None**	**5.39**	**31.18**	**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
	11/22/2010		None	5.97	34.44	NA
	2/1/2011		None	6.23	34.18	NA
	5/24/2011		None	6.20	34.21	NA
	8/2/2011		**None**	**6.53**	**33.88**	**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
	11/22/2010		None	3.50	31.31	NA
	2/1/2011		None	3.61	31.20	NA
	5/24/2011		None	3.54	31.27	NA
	8/2/2011		**None**	**3.85**	**30.96**	**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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	<96	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	8/2/2011	<96	<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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	134	<50	<1.0	<1.0	<1.0	<2.0	1.7
	8/3/2011	<96	<50	<1.0	<1.0	<1.0	<2.0	**1.7**

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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	<94	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	8/2/2011	<100	<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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	<97	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	8/2/2011	<97	<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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	201	765	<1.0	<1.0	<1.0	<2.0	<1.0
	8/2/2011	<96	**289**	<1.0	<1.0	<1.0	<2.0	**1.9**

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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	471	330	6.1	3.2	1.6	2.8	<1.0
	8/3/2011	**5,490**	**1,340**	**5.6**	<5.0	<5.0	<10	<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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	120	174	<1.0	<1.0	<1.0	<2.0	<1.0
	8/2/2011	<97	**296**	<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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	336	59.5	<1.0	<1.0	<1.0	<2.0	<1.0
	8/3/2011	<98	**74.9**	<1.0	<1.0	<1.0	<2.0	<1.0

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

Well	Date	TPH-8015 (diesel)	TPH-8015 (gas)	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MCL (ug/l)		**None**	**None**	**1.0**	**150**	**300**	**1750**	**13**
ESL (ug/l)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	<280	<50	<1.0	<1.0	<1.0	<2.0	2.7
	8/2/2011	<190	<50	<1.0	<1.0	<1.0	<2.0	**2.6**

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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	982	218	<1.0	<1.0	<1.0	<2.0	<1.0
	8/3/2011	**998**	**85.4**	<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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	11/22/2010	<95	<50	<1.0	`<1.0	<1.0	<2.0	<1.0
	2/1/2011	<96	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	5/24/2011	<94	<50	<1.0	<1.0	<1.0	<2.0	<1.0
	8/3/2011	<96	<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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	11/22/2010	<95	132	<1.0	<1.0	<1.0	<2.0	<1.0
	2/1/2011	<98	<50	<1.0	<1.0	<1.0	<2.0	2.9
	5/24/2011	<94	160	<1.0	<1.0	<1.0	<2.0	2.1
	8/3/2011	<96	**97.0**	<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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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				
	8/13/2010			Not sampled - free-phase product in well				
	11/22/2010			Not sampled - free-phase product in well				
	2/1/2011			Not sampled - free-phase product in well				
	5/24/2011			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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	11/22/2010	<94	<50	<1.0	<1.0	<1.0	<2.0	4.7
	2/1/2011	173	<50	<1.0	<1.0	<1.0	<2.0	6.5
	5/24/2011	<94	<50	<1.0	<1.0	<1.0	<2.0	8.8
	8/3/2011	<98	<50	<1.0	<1.0	<1.0	<2.0	**7.3**
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
	11/22/2010	<94	<50	<1.0	<1.0	<1.0	<2.0	6.0
	2/2/2011	171	<50	<1.0	<1.0	<1.0	<2.0	4.3
	5/24/2011	<97	<50	<1.0	<1.0	<1.0	<2.0	5.6
	8/2/2011	<94	<50	<1.0	<1.0	<1.0	<2.0	**5.9**
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
	11/22/2010	<94	<50	<1.0	<1.0	<1.0	<2.0	6.8
	2/1/2011	179	<50	<1.0	<1.0	<1.0	<2.0	3.8
	5/24/2011	<95	<50	<1.0	<1.0	<1.0	<2.0	4.9
	8/2/2011	<94	**53.0**	<1.0	<1.0	<1.0	<2.0	**5.9**

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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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
	2/1/2011	514	6,570	10.2	<10	<10	<20	<10
	8/3/2011	**465**	**3,240**	<5.0	<5.0	<5.0	<10	<5.0
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)		**210**	**210**	**1.0**	**150**	**300**	**1750**	**13**
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.

TABLE 3
MW-13 Monthly Overpurge
AC TRANSIT
1177 47TH STREET, EMERYVILLE, CALIFORNIA

Date	Depth to Oil	Depth to Water	Product	Gallons Purged
3/24/2009	8.89	9.25	0.36	12
4/24/2009	10.14	10.42	0.28	12
5/1/2009	*	*	*	12
6/11/2009	10.17	10.45	0.28	11
7/27/2009	10.14	10.45	0.31	12
8/27/2009	10.40	10.78	0.38	10
9/23/2009	9.30	9.65	0.35	10
10/26/2009	9.69	9.97	0.28	8
11/24/2009	9.17	9.55	0.38	8
12/1/2009	*	*	*	8
1/29/2010	*	*	*	7
2/18/2010	8.78	9.13	0.35	7
3/1/2010	*	*	*	7
4/1/2010	*	*	*	6
5/12/2010	8.52	8.86	0.34	6
6/24/2010	9.01	9.12	0.11	6
7/16/2010	*	*	*	6
8/12/2010	9.34	9.48	0.14	6
9/24/2010	*	10.91	*	10
10/25/2010	9.10	9.19	0.09	7.5
11/22/2010	9.02	9.14	0.12	8
12/31/2010	7.50	7.64	0.14	8
1/28/2011	8.68	8.74	0.06	6
2/28/2011	7.23	7.34	0.11	7
3/11/2011	7.83	7.92	0.09	8
4/29/2011	8.31	8.37	0.06	6
5/24/2011	8.97	9.00	0.03	6
8/2/2011	9.00	9.27	0.27	8

Notes:

* Oil/Water Interface Probe not working properly

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
Address: 50 HEGENBERGER LOOP
City: OAKLAND State: CA Zip: 94621
Project Contact: DENNIS BAKER
Phone #: 510-777-7019
Samplers's Name: DENNIS BAKER

Project Information

Project Name: AC TRANSIT - Emeryville
Street: 1177 47TH Street
City: EMERYVILLE State: CA
Project #: 2036-001 / CCCAA1633
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-gasoline by 8260B
TPH-Extractable with 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)

LAB USE 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	8-2-11	0930	DB	W	3	X							
	MW-15		0955		GW	3	X							
	↓		↓			2					X			
	MW-16		1035			3	X							
	↓		↓			2					X			
	MW-3		1140			3	X							
	↓		↓			2					X			
	MW-4		1210			3	X							
	↓		↓			2					X			
	MW-11 (DUP)	↓	1240	↓	↓	3	X							

Turnaround Time (Business days)

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

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [x] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [x] EDF for Geotracker [x] EDD Format_____
- Provide EDF Global ID T0600118672
- Provide EDF Logcode: _____

Comments / Remarks

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Dennis Baker	8-4-11 / 1145	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	Project Name:
CAMERON-COLE, LLC	AC TRANSIT - EMERYVILLE
Address	Street
50 HEGENBERGER LOOP	1177 47th Street
City State Zip	City State
OAKLAND, CA 94621	EMERYVILLE, CA
Project Contact:	Project #
DENNIS BAKER	2036-001/CCCAA1635
Phone #	EMAIL:
510-777-2613	dbaker@cameron-cole.com
Samplers's Name	Client Purchase Order #
DENNIS BAKER	

Requested Analysis

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	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-gasoline by 8015M	TPH-diesel/water only by 8015M with silica gel cleanup			
	MW-1	8-2-11	1240	DB	GW	2					X												X			
	MW-5		1320			3	X															X				
	↓		↓			2					X												X			
	MW-9		1355			3	X															X				
	↓	↓	↓			2					X												X			
	MW-11	8-3-11	0740			3	X															X				
	↓		↓			2					X												X			
	MW-8		0820			3	X															X				
	↓		↓			2					X												X			
	MW-7	↓	0840	↓	↓	3	X															X				

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

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

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [X] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [X] EDF for Geotracker [X] EDD Format_____
- Provide EDF Global ID 706601196772
- 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 Baker	8-4-11/1445		2		2
3			3	4		4
5			5			

Custody Seal #

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

Labels match Coc? Y / N Separate Receipt Log Y / N _____oC

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	Project Name:
CAMERON-COLE, LLC	AC TRANSIT - Emeryville
Address	**Street**
50 HEGENBERGER LOOP	1177 47th Street
City / State / Zip	**City / State**
OAKLAND, CA 94621	EMERYVILLE, CA
Project Contact:	**Project #**
DENNIS BAKER	2036-001/CCCAA1635
Phone #	**EMAIL:**
510-772-2017	dbaker@cameron-cole.com
Samplers's Name	**Client Purchase Order #**
DENNIS BAKER	

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	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-gasoline by 8260B	TPH-diesel/motor oil by 8015M w/ silica gel cleanup			Matrix Codes / LAB USE ONLY
	MW-7	6-3-11	0845	DB	GW	2					X												X				
	MW-11		0920			3	X															X					
	↓		↓			2					X												X				
	W-1		0950			3	X															X					
	↓		↓			2					X												X				
	MW-2		1040			3	X															X					
	↓		↓			2					X												X				
	MW-6		1115			3	X															X					
	↓		↓			2					X												X				
	MW-10		1145			3	X															X					

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)

Turnaround Time (Business days)

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

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [x] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [x] EDF for Geotracker [x] EDD Format
- Provide EDF Global ID T0600118672
- Provide EDF Logcode:

Comments / Remarks

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Dennis Baker	6-4-11 / 1445	1	2		2
3	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
			3	4		4
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Appropriate Bottle / Pres. Y / N	Headspace Y / N	On Ice Y / N	Cooler Temp.
			5		Labels match Coc? Y / N	Separate Receipt Log Y / N		____ oC

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: 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
- Street: 1177 47th Street
- City: EMERYVILLE State: CA
- Project #: 2036-001/CCC AA1635
- EMAIL: dbaker@cameron-cole.com
- Client Purchase Order #:

Requested Analysis: 8260 Full List ☐ 624 ☐ TPH as Gasoline ☐; 8260Petro (Includes BTEX / MIBE / TBA / EIBE / 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-MIBE-TPH as Gasoline by GC/PID-FID ☐; BTEX, MTBE, TPH-gasoline by 8260B; TPH-diesel/motor oil by 8015M with silica gel cleanup

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-gasoline by 8260B	TPH-diesel/motor oil by 8015M with silica gel cleanup
	MW-10	8-3-11	1145	DB	GW	2					X					X
	MW-12	↓	1225	↓	↓	3	X								X	
	↓	↓	↓	↓	↓	2					X					X

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

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

- [X] Standard TAT 15 Business Days
- [ ] 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

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [X] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [X] EDF for Geotracker [X] EDD Format____
- Provide EDF Global ID T0600118672
- Provide EDF Logcode:

Comments / Remarks

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

Relinquished by	Date Time	Received By	Relinquished By	Date Time	Received By
1 Dennis C Baker	8-4-11 1445	1 Mike Marnofelo	2		2
3		3	4		4
5		5	Custody Seal #	Appropriate Bottle / Pres. Y / N; Labels match Coc? Y / N; Headspace Y / N; Separate Receipt Log Y / N; On Ice Y / N	Cooler Temp. ____ oC

HYDRODATA

PROJECT:_AC_Transit-Emeryville_ EVENT:___3Q2011____ SAMPLER:___DB_____

NO.	WELL OR LOCATION	DATE	TIME	MEASUREMENT	CODE	COMMENTS
1	MW-1	8/2/2011	0757	4.23	SWL	
2	MW-2	8/2/2011	0740	3.74	SWL	
3	MW-3	8/2/2011	0754	5.22	SWL	
4	MW-4	8/2/2011	0752	5.37	SWL	
5	MW-5	8/2/2011	0801	3.64	SWL	
6	MW-6	8/2/2011	0828	3.22	SWL	
7	MW-7	8/2/2011	0818	4.75	SWL	
8	MW-8	8/2/2011	0812	4.46	SWL	
9	MW-9	8/2/2011	0805	3.21	SWL	
10	MW-10	8/2/2011	0845	9.75	SWL	
11	MW-11	8/2/2011	0822	2.96	SWL	
12	MW-12	8/2/2011	0849	10.13	SWL	
13	MW-13	8/2/2011	0900	9.22	OIL	
14	MW-13	8/2/2011	0900	9.27	SWL	
15	MW-14	8/2/2011	0905	9.34	SWL	
16	MW-15	8/2/2011	0921	8.82	SWL	
17	MW-16	8/2/2011	0909	7.34	SWL	
18	W-1	8/2/2011	0837	5.39	SWL	
19	W-3	8/2/2011	0734	6.53	SWL	
20	W-4	8/2/2011	0831	3.85	SWL	

CODES:

SWL - Static Water Level

OIL - Oil Level

OWI - Oil/Water Interface

MTD - Measured Total Depth

CAMERON-COLE

SAMPLING EVENT DATA SHEET

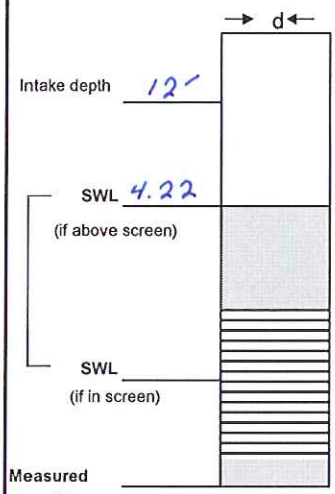
WELL OR LOCATION mw-1

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-2-11

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	1233	1.2	4.22
		↓	
Stop	1238	↓	4.80
Sampled	1240		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 10.78 ft. (SWL to TD) = 1.78 gals. (one volume) X 3 = 5.34 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 6

Actual volumes purged 3.37

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
mw-1	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	23.0	617	6.82	35.17		
2. 3	21.6	593	6.77	7.29		
3. 5	21.0	579	6.77	6.93		
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

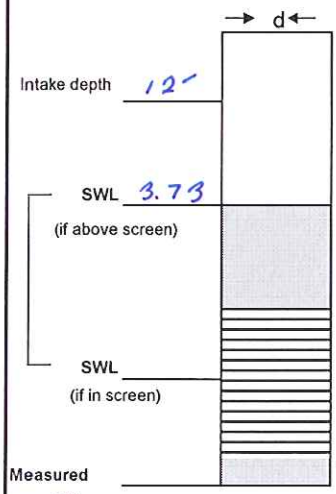
WELL OR LOCATION mw-2

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-3-11

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	1031	1.2	3.73
Stop	1036		
Sampled	1040		3.82
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 11.27 ft. (SWL to TD) = 1.86 gals. (one volume) X 3 = 5.58 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 6

Actual volumes purged 3.23

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
mw-2	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	21.8	564	6.67	9.97		
2. 3	22.2	565	6.60	5.04		
3. 5	22.0	567	6.59	4.65		
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

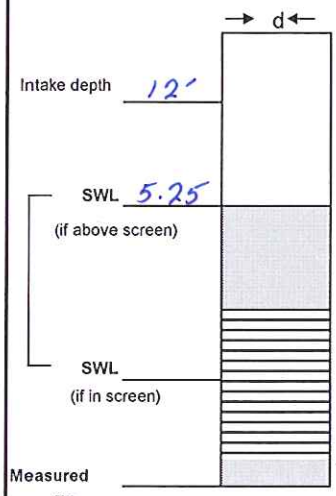
WELL OR LOCATION MW-3

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-2-11

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

Diameter 2"

0.165 gal/ft. casing



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1129	0.83	5.25
Stop	1135		
Sampled	1140		6.23
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 9.75 ft. (SWL to TD) = 1.61 gals. (one volume) X 3 = 4.83 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 to purge;
disposable bailer used to sample.

Actual gallons purged 5

Actual volumes purged 3.11

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-3	BTEX, MTBE,TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	23.4	664	6.47	73.79		
2. 2.5	21.8	672	6.53	36.58		
3. 4	21.8	696	6.57	27.97		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

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

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

VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

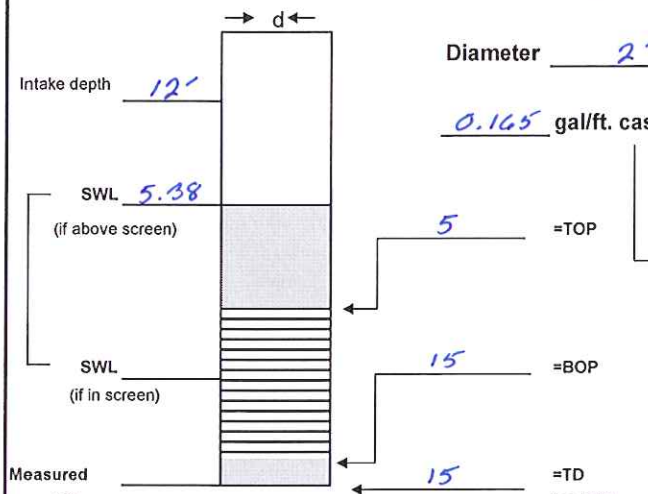
WELL OR LOCATION: MW-4

PROJECT: AC Transit - Emeryville | EVENT: 3Q2011 | SAMPLER: DB | DATE: 8-2-11

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

Diameter: 2"

0.165 gal/ft. casing



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	12:02	1.0	5.38
Stop	12:07		
Sampled	12:10		6.28
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 9.62 ft. (SWL to TD) = 1.59 (one volume) gals. X 3 = 4.76 (purge volume - 3 casings) 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 to purge;
disposable bailer used to sample.

Actual gallons purged: 5

Actual volumes purged: 3.14

Well Yield ⊕: MY

COC #

Sample I.D.	Analysis	Lab
MW-4	BTEX, MTBE,TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	23.5	682	6.51	15.00		
2. 2.5	22.5	689	6.52	38.20		
3. 4	22.1	672	6.56	25.37		
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

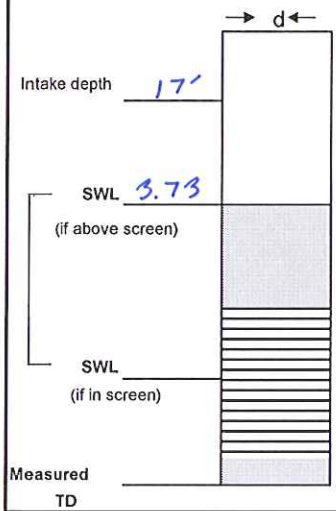
WELL OR LOCATION MW-5

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-2-11

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

Diameter 2"

0.165 gal/ft. casing



10 =TOP

20 =BOP

20 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1308	1.5	3.73
Stop	1316		
Sampled	1320		3.86
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.27 ft. (SWL to TD) = 2.68 gals. (one volume) X 3 = 8.05 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 9

Actual volumes purged 3.36

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-5	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	21.4	641	6.74	7.52		
2. 4	21.2	643	6.73	2.92		
3. 7.5	20.7	658	6.70	3.97		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

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

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

VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

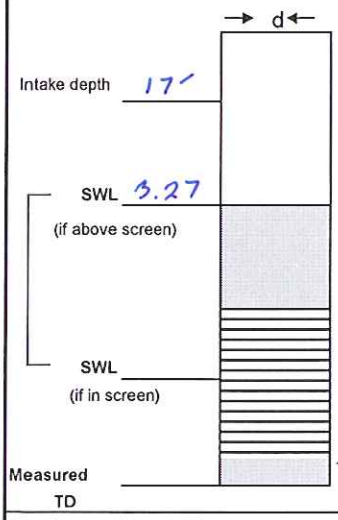
WELL OR LOCATION MW-6

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-3-11

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

Diameter 2"

0.165 gal/ft. casing



8 =TOP

12 =BOP

20 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1102	1.13	3.27
Stop	1110		
Sampled	1115		3.40
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.73 ft. (SWL to TD) = 2.76 gals. (one volume) X 3 = 8.28 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 9

Actual volumes purged 3.26

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-6	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	21.5	834	6.46	23.84		
2. 4	21.5	866	6.46	5.72		
3. 7	21.5	880	6.48	3.25		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

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

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

VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

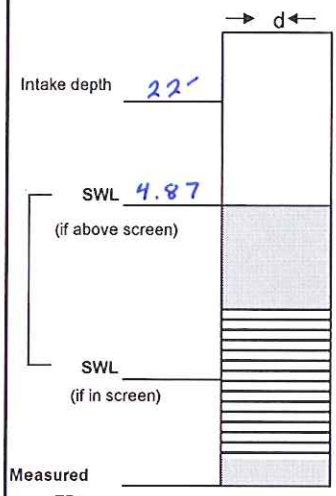
WELL OR LOCATION MW-7

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-3-11

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	0835	1.11	4.87
Stop	0844		
Sampled	0845		5.77
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 20.13 ft. (SWL to TD) = 3.32 gals. (one volume) X 3 = 9.96 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 10

Actual volumes purged 3.01

Well Yield ⊕ MY

COC #

Sample I.D.	Analysis	Lab
MW-7	BTEX, MTBE,TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 3	19.7	947	6.27	1.48		
2. 6	21.0	946	6.24	5.13		
3. 9	21.4	943	6.25	5.28		
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

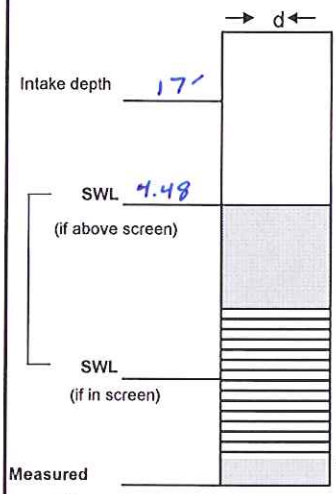
WELL OR LOCATION MW-8

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-3-11

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

Diameter 2"

0.165 gal/ft. casing



10 =TOP

20 =BOP

20 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	0808	1.14	4.48
Stop	0815		
Sampled	0820		5.57
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 15.52 ft. (SWL to TD) = 2.56 gals. (one volume) X 3 = 7.68 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 8

Actual volumes purged 3.13

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-8	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	19.8	944	6.52	4.47		
2. 4	21.0	945	6.49	0.45		
3. 7	21.5	867	6.46	0.46		
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

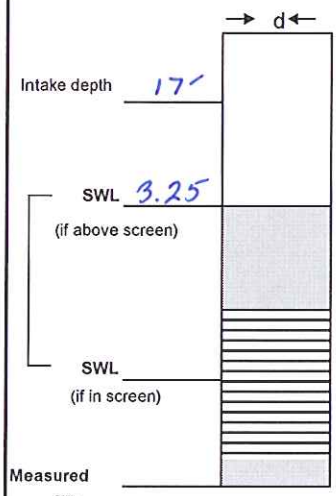
WELL OR LOCATION MW-9

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-2-11

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

Diameter 2"

0.165 gal/ft. casing



10 =TOP

20 =BOP

20 =TD (as built)

ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	1344	1.13	3.25
Stop	1352		
Sampled	1355		3.86
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.75 ft. (SWL to TD) = 2.76 gals. (one volume) X 3 = 8.29 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 9

Actual volumes purged 3.26

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-9	BTEX, MTBE,TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	21.5	949	6.42	24.69		
2. 4	20.9	967	6.42	13.45		
3. 7	20.5	947	6.42	8.13		
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

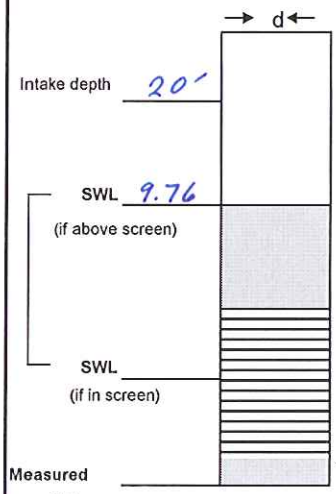
WELL OR LOCATION MW-10

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-3-11

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	1135	1.0	9.76
		↓	
Stop	1143		
Sampled	1145		9.93
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 15.24 ft. (SWL to TD) = 2.51 gals. (one volume) X 3 = 7.54 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 8

Actual volumes purged 3.19

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-10	BTEX, MTBE,TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	21.8	693	6.71	6.51		
2. 4	19.3	658	6.76	4.79		
3. 7	19.0	661	6.76	3.93		
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.

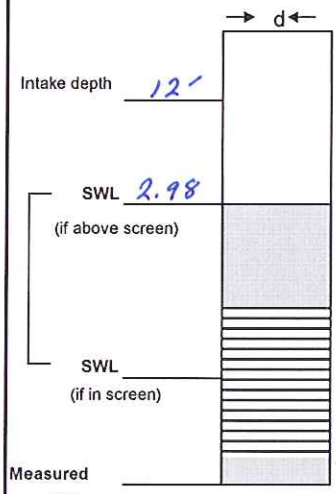
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-11

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-3-11



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	0910	1.0	2.98
Stop	0917		2.98
Sampled	0920		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 13.02 ft. (SWL to TD) = 2.15 (one volume) gals. X 3 = 6.45 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 7

Actual volumes purged 3.26

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-11	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	22.3	597	6.95	10.99		
2. 4	22.7	579	6.97	1.12		
3. 6	22.9	575	6.93	0.68		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

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

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

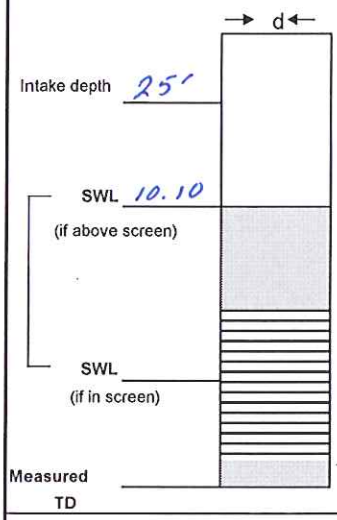
VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

WELL OR LOCATION MW-12

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-3-11



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	1212	1.11	10.10
Stop	1221		
Sampled	1225		10.61
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 19.90 ft. (SWL to TD) = 3.28 gals. (one volume) X 3 = 9.85 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 10

Actual volumes purged 3.05

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-12	BTEX, MTBE,TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 3	20.5	579	6.55	12.68		
2. 6	19.6	594	6.51	118.7		
3. 9	19.5	602	6.47	279.4		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

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

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

VLY - Minimal recharge - unable to purge 3 volumes.

CAMERON-COLE

SAMPLING EVENT DATA SHEET

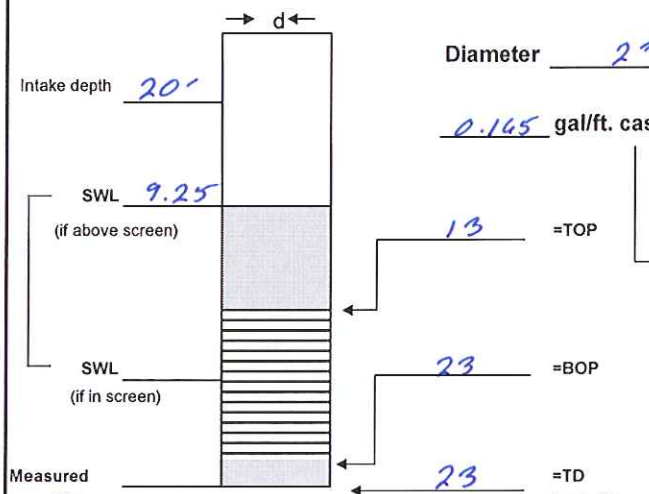
WELL OR LOCATION MW-14

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-3-11

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

Diameter 2"

0.165 gal/ft. casing



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	0731	1.0	9.25
Stop	0738		
Sampled	0740		10.93
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 13.75 ft. (SWL to TD) = 2.27 gals. (one volume) X 3 = 6.81 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 7

Actual volumes purged 3.08

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-14	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	17.9	790	6.82	1.59		
2. 4	18.4	791	6.65	4.04		
3. 6	18.3	802	6.59	18.93		
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

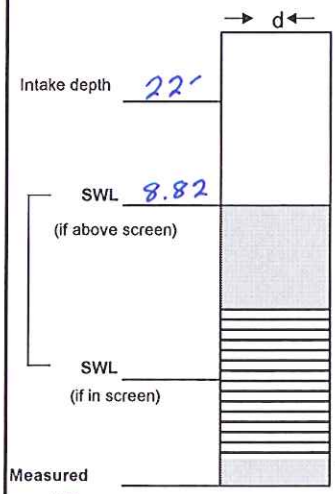
WELL OR LOCATION MW-15

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-2-11

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	0946	1.5	8.82
Stop	0952		
Sampled	0955		9.08
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.18 ft. (SWL to TD) = 2.67 gals. (one volume) X 3 = 8.01 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 9

Actual volumes purged 3.37

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-15	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓
TB-01	BTEX, MTBE, TPH-g by 8260B	↓

Additional Comments:

Trip Blank TB-01 collected @ 0930

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 2	19.0	944	6.31	55.53		
2. 5	18.9	978	6.33	192.7		
3. 8	18.8	1012	6.40	182.7		
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

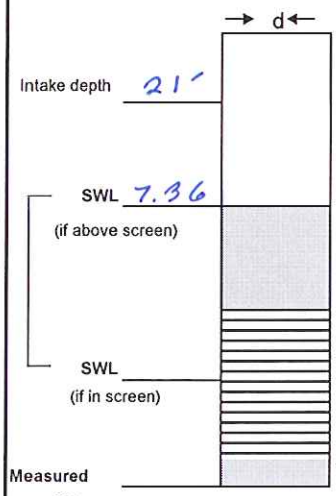
WELL OR LOCATION MW-16

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-2-11

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	1024	1.29	7.36
		↓	
Stop	1031		
Sampled	1035		12.00
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 16.64 ft. (SWL to TD) = 2.75 gals. (one volume) X 3 = 8.24 gals. (purge volume - 3 casings)

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

Equipment Used / Sampling Method / Decription of Event:

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

Actual gallons purged 9

Actual volumes purged 3.27

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
MW-16	BTEX, MTBE, TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1.5	18.3	936	6.67	197.8		
2. 4.5	18.4	949	6.62	254.1		
3. 8	18.4	957	6.61	203.9		
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

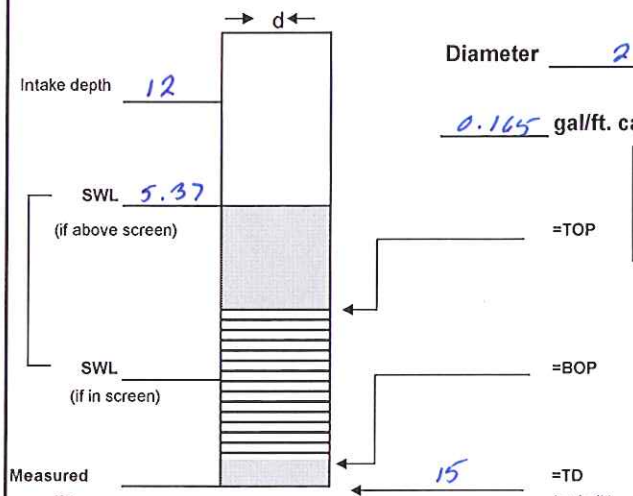
WELL OR LOCATION W-1

PROJECT AC Transit - Emeryville EVENT 3Q2011 SAMPLER DB DATE 8-3-11

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

Diameter 2"

0.165 gal/ft. casing



ACTION	TIME	PUMP RATE (gpm)	DTW
Start Pump / Begin	0940	0.83	5.37
		↓	
Stop	0946		5.61
Sampled	0950		
Final IWL			

PURGE CALCULATION

0.165 gal/ft. * 9.63 ft. (SWL to TD) = 1.59 (one volume) gals. X 3 = 4.77 (purge volume - 3 casings) 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 to purge;
disposable bailer used to sample.

Actual gallons purged 5

Actual volumes purged 3.14

Well Yield ⊕ HY

COC #

Sample I.D.	Analysis	Lab
	BTEX, MTBE,TPH-g by 8260B	AT
↓	TPH-diesel/motor oil by 8015 Mod with Silica Gel Cleanup	↓

Additional Comments:

Gallons Purged *	Temp °C	EC (us / cm)	pH	Turbidity (NTU)	Other	
1. 1	21.5	741	6.51	0.28		
2. 3	21.2	754	6.48	0.71		
3. 4	21.0	758	6.47	0.29		
4.						
5.						

*Take measurement at ⊕ approximately each casing volume purged.

HY-Minimal W.L. drop

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

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

VLY - Minimal recharge - unable to purge 3 volumes.

Northern California ACCUTEST LABORATORIES

08/12/11

Technical Report for

Cameron-Cole

T0600118672-AC Transit, Emeryville, CA

2036-001

Accutest Job Number: C17310

Sampling Dates: 08/02/11 - 08/03/11

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: **61**

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.

Kesavalu M. Bagawandoss, Ph.D., J.D., Lab Director

Client Service contact: Simon Hague 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Sections: 1 2 3 4 5 6

Table of Contents

Accutest Laboratories

Sample Summary

Cameron-Cole

Job No: C17310

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C17310-1	08/02/11	09:30	DB	08/04/11	AQ	Trip Blank Water	TB-01
C17310-2	08/02/11	09:55	DB	08/04/11	AQ	Ground Water	MW-15
C17310-3	08/02/11	10:35	DB	08/04/11	AQ	Ground Water	MW-16
C17310-4	08/02/11	11:40	DB	08/04/11	AQ	Ground Water	MW-3
C17310-5	08/02/11	12:10	DB	08/04/11	AQ	Ground Water	MW-4
C17310-6	08/02/11	12:40	DB	08/04/11	AQ	Ground Water	MW-1
C17310-7	08/02/11	13:20	DB	08/04/11	AQ	Ground Water	MW-5
C17310-8	08/02/11	13:55	DB	08/04/11	AQ	Ground Water	MW-9
C17310-9	08/03/11	07:40	DB	08/04/11	AQ	Ground Water	MW-14
C17310-10	08/03/11	08:20	DB	08/04/11	AQ	Ground Water	MW-8
C17310-11	08/03/11	08:45	DB	08/04/11	AQ	Ground Water	MW-7
C17310-12	08/03/11	09:20	DB	08/04/11	AQ	Ground Water	MW-11
C17310-13	08/03/11	09:50	DB	08/04/11	AQ	Ground Water	W-1

Sample Summary
(continued)

Cameron-Cole

Job No: C17310

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C17310-14	08/03/11	10:40	DB	08/04/11	AQ	Ground Water	MW-2
C17310-15	08/03/11	11:15	DB	08/04/11	AQ	Ground Water	MW-6
C17310-16	08/03/11	11:45	DB	08/04/11	AQ	Ground Water	MW-10
C17310-17	08/03/11	12:25	DB	08/04/11	AQ	Ground Water	MW-12

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Cameron-Cole	**Job No**	C17310
Site:	T0600118672-AC Transit, Emeryville, CA	**Report Date**	8/12/2011 5:44:06 PM

16 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were collected between 08/02/2011 and 08/03/2011 and were received at Accutes on 08/04/2011 properly preserved and intact, unless noted below. These Samples received an Accutest job number of C17310. 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:** VQ118

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) C17310-2MS, C17310-2MSD were used as the QC samples indicated.

Matrix AQ **Batch ID:** VQ120

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) C17372-1MS, C17372-1MSD were used as the QC samples indicated.

Matrix AQ **Batch ID:** VR143

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) C17253-3MS, C17253-3MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015B M

Matrix AQ **Batch ID:** OP4356

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

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

Northern California ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	TB-01		
Lab Sample ID:	C17310-1	**Date Sampled:**	08/02/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/04/11
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	Q3328.D	1	08/09/11	BD	n/a	n/a	VQ118
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	96%		60-130%
2037-26-5	Toluene-D8	97%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

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

Report of Analysis

Client Sample ID:	MW-15		
Lab Sample ID:	C17310-2	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3329.D	1	08/09/11	BD	n/a	n/a	VQ118
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5.9	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	101%		60-130%
2037-26-5	Toluene-D8	99%		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-15		
Lab Sample ID:	C17310-2	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27343.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
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	74%		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:	C17310-3	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3330.D	1	08/09/11	BD	n/a	n/a	VQ118
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5.9	1.0	ug/l	
	TPH-GRO (C6-C10)	53.0	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	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:	C17310-3	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27344.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
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	73%		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-3		
Lab Sample ID:	C17310-4	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3331.D	1	08/09/11	BD	n/a	n/a	VQ118
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	104%		60-130%
2037-26-5	Toluene-D8	99%		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:	C17310-4	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27345.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
Run #2							

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

TPH Extractable w/ Silica Gel Cleanup

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	79%		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:	C17310-5	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3332.D	1	08/09/11	BD	n/a	n/a	VQ118
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	103%		60-130%
2037-26-5	Toluene-D8	97%		60-130%
460-00-4	4-Bromofluorobenzene	98%		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:	C17310-5	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27355.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel)	ND	0.097	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	91%		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-1		
Lab Sample ID:	C17310-6	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3333.D	1	08/09/11	BD	n/a	n/a	VQ118
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	97%		60-130%
460-00-4	4-Bromofluorobenzene	98%		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:	C17310-6	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27363.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
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	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-5		
Lab Sample ID:	C17310-7	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3334.D	1	08/09/11	BD	n/a	n/a	VQ118
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	1.9	1.0	ug/l	
	TPH-GRO (C6-C10)	289	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	115%		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:	C17310-7	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27364.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
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]	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	81%		45-140%

(a) Atypical Diesel pattern (C14-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:	C17310-8	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3335.D	1	08/09/11	BD	n/a	n/a	VQ118
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	2.6	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	96%		60-130%
2037-26-5	Toluene-D8	97%		60-130%
460-00-4	4-Bromofluorobenzene	94%		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:	C17310-8	**Date Sampled:**	08/02/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27347.D	2	08/08/11	JH	08/05/11	OP4356	GGG734
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	0.19	mg/l	
	TPH (Motor Oil)	2.75	0.38	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	76%		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:	C17310-9	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3339.D	1	08/09/11	BD	n/a	n/a	VQ118
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	7.3	1.0	ug/l	
	TPH-GRO (C6-C10)	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	95%		60-130%
460-00-4	4-Bromofluorobenzene	94%		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:	C17310-9	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27365.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel)	ND	0.098	mg/l	
	TPH (Motor Oil)	ND	0.20	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-8		
Lab Sample ID:	C17310-10	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3340.D	1	08/09/11	BD	n/a	n/a	VQ118
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)	74.9	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%
2037-26-5	Toluene-D8	98%		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-8		
Lab Sample ID:	C17310-10	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27349.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel)	ND	0.098	mg/l	
	TPH (Motor Oil)	ND	0.20	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-7		
Lab Sample ID:	C17310-11	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3341.D	1	08/09/11	BD	n/a	n/a	VQ118
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	1.0	1.0	ug/l	
	TPH-GRO (C6-C10)	296	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	97%		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:	C17310-11	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27350.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel) [a]	ND	0.097	mg/l	
	TPH (Motor Oil)	ND	0.19	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	80%		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-11		
Lab Sample ID:	C17310-12	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3342.D	1	08/09/11	BD	n/a	n/a	VQ118
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	96%		60-130%
2037-26-5	Toluene-D8	97%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

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

Report of Analysis

Client Sample ID:	MW-11		
Lab Sample ID:	C17310-12	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27351.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
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	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

Accutest Laboratories

Report of Analysis

Client Sample ID:	W-1		
Lab Sample ID:	C17310-13	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	R4036.D	5	08/10/11	BD	n/a	n/a	VR143
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	5.0	ug/l	
108-88-3	Toluene	ND	5.0	ug/l	
100-41-4	Ethylbenzene	ND	5.0	ug/l	
1330-20-7	Xylene (total)	ND	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	ug/l	
	TPH-GRO (C6-C10)	3240	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		60-130%
2037-26-5	Toluene-D8	86%		60-130%
460-00-4	4-Bromofluorobenzene	105%		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:	C17310-13	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27352.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
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]	0.465	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	84%		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-2		
Lab Sample ID:	C17310-14	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3343.D	1	08/09/11	BD	n/a	n/a	VQ118
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	1.7	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	100%		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

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	C17310-14	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27346.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
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	62%		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-6		
Lab Sample ID:	C17310-15	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	Q3389.D	5	08/11/11	BD	n/a	n/a	VQ120
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	5.6	5.0	ug/l	
108-88-3	Toluene	ND	5.0	ug/l	
100-41-4	Ethylbenzene	ND	5.0	ug/l	
1330-20-7	Xylene (total)	ND	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	ug/l	
	TPH-GRO (C6-C10)	1340	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		60-130%
2037-26-5	Toluene-D8	94%		60-130%
460-00-4	4-Bromofluorobenzene	110%		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:	C17310-15	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27405.D	5	08/09/11	JH	08/05/11	OP4356	GGG735
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

TPH Extractable w/ Silica Gel Cleanup

CAS No.	Compound	Result	RL	Units	Q
	TPH (Diesel) [a]	5.49	0.49	mg/l	
	TPH (Motor Oil)	ND	0.97	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	67%		45-140%

(a) Diesel mixed with higher boiling gasoiline 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-10		
Lab Sample ID:	C17310-16	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	R4022.D	1	08/10/11	BD	n/a	n/a	VR143
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)	85.4	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%
2037-26-5	Toluene-D8	98%		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-10		
Lab Sample ID:	C17310-16	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27353.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
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)	0.998	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	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:	C17310-17	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	R4023.D	1	08/10/11	BD	n/a	n/a	VR143
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)	97.0	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	100%		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-12		
Lab Sample ID:	C17310-17	**Date Sampled:**	08/03/11
Matrix:	AQ - Ground Water	**Date Received:**	08/04/11
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	GG27354.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
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	65%		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

Northern California ACCUTEST LABORATORIES

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 #: C 17310

Client / Reporting Information

Company Name: CAMERON - COLE
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: AC TRANSIT - Emeryville
Street: 1177 47th Street
City / State: EMERYVILLE, CA
Project #: 2036-001 / CCCAA1635
EMAIL: dbaker@cameron-cole.com
Client Purchase Order #

Requested Analysis

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	624 TPH as Gasoline	8260 Full List	8260Petro (includes BTEX / MtBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB)	TPH as Gas	+TICs	PAHs only	8270	TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup	METALS: CAM-17 PPM-13	RCRA-8	LUFT-5	Pesticides-8081	PCBs-8082	608	BTEX-MtBE-TPH as Gasoline by GC/PID-FID	BTEX, MTBE, TPH-gasoline by 8260B	TPH-diesel/motor oil by 8015m with silica gel cleanup	LAB USE ONLY
-1	TB-01	8-2-11	0930	DB	W	3	X																							X		3 VIAS (W) HCL
-2	MW-15		0955		GW	3	X																							X		3 VIAS (W) HCL 2-1L AMBERS UP
						2					X																				X	
-3	MW-16		1035			3	X																							X		
						2					X																				X	
-4	MW-3		1140			3	X																							X		
						2					X																				X	
-5	MW-4		1210			3	X																							X		
						2					X																				X	
-6	MW-8 (EDF)		1240			3	X																							X		

Turnaround Time (Business days)

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

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 — [X] EDD Format
- Provide EDF Global ID: T0600118672
- Provide EDF Logcode:

Comments / Remarks

Accolors (1) 4.6 - 0.5 = 4.1 (4) (2) 3.4 - 0.5 = 2.9 (4) (3) 3.8 - 0.5 = 3.3 (4)

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 Baker	8-4-11 / 1445	1	2	8/4/11 15:30	2
3	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Appropriate Bottle / Pres. Y / N; Labels match Coc? Y / N; Headspace Y / N; Separate Receipt Log Y / N; On Ice Y / N; Cooler Temp. ____ oC	

C17310: Chain of Custody
Page 1 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 C17310

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: AC TRANSIT - Emeryville
Street: 1177 47th Street
City / State: EMERYVILLE, CA
Project #: 2036-001/CCCAA1635
EMAIL: dbaker@cameron-cole.com
Client Purchase Order #:

Requested Analysis

8260 Full List ☐ 624 ☐ TPH as Gasoline ☐
8260Petro (Includes BTEX / MBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB ☐ TPH as Gas ☐
PAHs only ☐ 8270 ☐ +TICs ☐ 625 ☐
TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup ☐
METALS: CAM-17 ☐ PPM-13 ☐ RCRA-8 ☐ LUFT-5 ☐
Pesticides-8081 ☐ PCBs-8082 ☐ 608 ☐
BTEX-MtBE-TPH as Gasoline by GC/PID-FID ☐
BTEX, MTBE, TPH-gasoline by 8015M
TPH-diesel/motor oil by 8015M with 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	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	LAB USE ONLY
-6	MW-1	8-2-11	1240	DB	GW	2					X				3 Vials Sulfuric
-7	MW-5		1320			3	X								2-1ltr Ambers MP
	↓		↓			2					X				
-8	MW-9		1355			3	X								
	↓		↓			2					X				
-9	MW-11	8-3-11	0740			3	X								
	↓		↓			2					X				
-10	MW-8		0820			3	X								
	↓		↓			2					X				
-11	MW-7		0845			3	X								

Turnaround Time (Business days)

- [X] Standard TAT 15 Business Days
- [ ] 10 Day (Workload dependent)
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Approved By:/ Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [X] Commercial "B" - Results with QC summaries
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [X] EDF for Geotracker [X] EDD Format
- Provide EDF Global ID: T0600118672
- Provide EDF Logcode:

Comments / Remarks

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		8-4-11/1445				
2					8/4/11 1515	
3	Relinquished by:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
4						
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Appropriate Bottle / Pres. Y / N	Headspace Y / N
					Labels match Coc? Y / N	Separate Receipt Log Y / N

On Ice Y / N | Cooler Temp. ____ oC

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 #: C17310

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: AC TRANSIT - Emeryville
Street: 1177 47th Street
City / State: EMERYVILLE, CA
Project #: 2036-001/CCCAA1635
EMAIL: dbaker@cameron-cole.com
Client Purchase Order #:

Requested Analysis

☐ 624 ☐ TPH as Gasoline ☐ 8260 Full List
☐ 8260Petro (includes BTEX / MtBE / TBA / EtBE / DIPE / TAME / 1,2-DCA / EDB) ☐ TPH as Gas
☐ PAHs only ☐ +TICs ☐ 625 ☐ 8270
☐ TPH-Extractable - Diesel - Motor Oil - Other With Silica Gel Cleanup
☐ METALS: CAM-17 ☐ PPM-13 ☐ RCRA-8 ☐ LUFT-5
☐ Pesticides-8081 ☐ PCBs-8082 ☐ 608
☐ BTEX-MtBE-TPH as Gasoline by GC/PID-FID ☐ 8260B
BTEX, MTBE, TPH-gasoline by 8260B
TPH-diesel/motor oil by 8015M with 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	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	LAB USE ONLY
-11	MW-7	8-4-11	0845	DB	GW	2					X				3 Vials Collected
-12	MW-11		0920			3	X								2-1 L Amber
	↓		↓			2					X				
-13	MW-1		0950			3	X								
	↓		↓			2					X				
-14	MW-2		1040			3	X								
	↓		↓			2					X				
-15	MW-6		1115			3	X								
	↓		↓			2					X				
-16	MW-10		1145	↓	↓	3	X								

Turnaround Time (Business days)

- [X] Standard TAT 15 Business Days
- [ ] 10 Day (Workload dependent)
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Approved By:/ Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [X] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [X] EDF for Geotracker [X] EDD Format
- Provide EDF Global ID: T0600118672
- Provide EDF Logcode:

Comments / Remarks

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Dennis C. Baker	8-4-11 1445				
2					8.4.11 1530	
3			3	4		
5			5	Custody Seal #	Appropriate Bottle / Pres. Y / N Labels match Coc? Y / N	Headspace Y / N Separate Receipt Log Y / N On Ice Y / N Cooler Temp. ____ oC

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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 #: C17310

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: AC TRANSIT - Emeryville
Street: 1177 47th Street
City / State: EMERYVILLE, CA
Project #: 2036-001/CCC AA1635
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-gasoline by 8260B; TPH-diesel/motor oil by 8015M with 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	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	BTEX, MTBE, TPH-gasoline by 8260B	TPH-diesel/motor oil by 8015M with silica gel cleanup	LAB USE ONLY
-16	MW-10	8-3-11	1145	DB	GW	2					X					X	
-17	MW-12	↓	1225	↓	↓	3	X								X		3-Vials w/HCl
↓	↓	↓	↓	↓	↓	2					X					X	2 1L Amber NP

Turnaround Time (Business days) — Approved By:/ Date:
- [X] Standard TAT 15 Business Days
- [ ] 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

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 [X] EDD Format

Provide EDF Global ID T0600118672
Provide EDF Logcode:

Comments / Remarks

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	8-4-11 1445	1 Mike Moorefield	2 Mike Moorefield	8/4/11 15:30	2 [signature]
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres. Y/N; Labels match CoC? Y/N; Headspace Y/N; Separate Receipt Log Y/N; On Ice Y/N	Cooler Temp. ___ oC

C17310: Chain of Custody
Page 4 of 5

Accutest Laboratories Northern California Sample Receiving Check List Job# : C17310 Initial: JM | SH

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

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

Review Coolers:

- ✓ Were all Coolers temperatures measured at ≤6°C? (Yes) / No
  - If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ✓ Are samples on Ice? (Yes) / No

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

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

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

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

Client Sample ID	pH Check	Other Comments/Issues

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

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

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C17310: Chain of Custody

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Northern California ACCUTEST LABORATORIES

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: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ118-MB	Q3327.D	1	08/09/11	BD	n/a	n/a	VQ118

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

C17310-1, C17310-2, C17310-3, C17310-4, C17310-5, C17310-6, C17310-7, C17310-8, C17310-9, C17310-10, C17310-11, C17310-12, C17310-14

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	97%	60-130%
2037-26-5	Toluene-D8	98%	60-130%
460-00-4	4-Bromofluorobenzene	97%	60-130%

Method Blank Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR143-MB	R4018.D	1	08/10/11	BD	n/a	n/a	VR143

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

C17310-13, C17310-16, C17310-17

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	97%	60-130%
2037-26-5	Toluene-D8	102%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Method Blank Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ120-MB	Q3382.D	1	08/11/11	BD	n/a	n/a	VQ120

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

C17310-15

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	97%	60-130%
2037-26-5	Toluene-D8	99%	60-130%
460-00-4	4-Bromofluorobenzene	94%	60-130%

Blank Spike Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ118-BS1	Q3326.D	1	08/09/11	BD	n/a	n/a	VQ118

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

C17310-1, C17310-2, C17310-3, C17310-4, C17310-5, C17310-6, C17310-7, C17310-8, C17310-9, C17310-10, C17310-11, C17310-12, C17310-14

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	99%	60-130%
2037-26-5	Toluene-D8	96%	60-130%
460-00-4	4-Bromofluorobenzene	96%	60-130%

Blank Spike Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR143-BS1	R4017.D	1	08/10/11	BD	n/a	n/a	VR143

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

C17310-13, C17310-16, C17310-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	148	118	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	102%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Blank Spike Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ120-BS1	Q3381.D	1	08/11/11	BD	n/a	n/a	VQ120

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

C17310-15

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	113	90	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	97%	60-130%
460-00-4	4-Bromofluorobenzene	101%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ118-BS	Q3323.D	1	08/09/11	BD	n/a	n/a	VQ118
VQ118-BSD	Q3325.D	1	08/09/11	BD	n/a	n/a	VQ118

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

C17310-1, C17310-2, C17310-3, C17310-4, C17310-5, C17310-6, C17310-7, C17310-8, C17310-9, C17310-10, C17310-11, C17310-12, C17310-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	21.4	107	21.3	107	0	60-130/30
100-41-4	Ethylbenzene	20	20.9	105	21.0	105	0	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	18.7	94	19.9	100	6	60-130/30
108-88-3	Toluene	20	20.3	102	20.9	105	3	60-130/30
1330-20-7	Xylene (total)	60	61.7	103	62.9	105	2	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	104%	106%	60-130%
2037-26-5	Toluene-D8	95%	95%	60-130%
460-00-4	4-Bromofluorobenzene	101%	99%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VR143-BS	R4015.D	1	08/10/11	BD	n/a	n/a	VR143
VR143-BSD	R4016.D	1	08/10/11	BD	n/a	n/a	VR143

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

C17310-13, C17310-16, C17310-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	18.2	91	18.0	90	1	60-130/30
100-41-4	Ethylbenzene	20	23.4	117	22.9	115	2	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	21.7	109	21.6	108	0	60-130/30
108-88-3	Toluene	20	20.3	102	19.8	99	2	60-130/30
1330-20-7	Xylene (total)	60	66.9	112	65.3	109	2	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	102%	101%	60-130%
2037-26-5	Toluene-D8	102%	101%	60-130%
460-00-4	4-Bromofluorobenzene	100%	100%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VQ120-BS	Q3378.D	1	08/11/11	BD	n/a	n/a	VQ120
VQ120-BSD	Q3380.D	1	08/11/11	BD	n/a	n/a	VQ120

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

C17310-15

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	22.5	113	21.5	108	5	60-130/30
100-41-4	Ethylbenzene	20	22.2	111	21.0	105	6	60-130/30
1634-04-4	Methyl Tert Butyl Ether	20	19.6	98	19.7	99	1	60-130/30
108-88-3	Toluene	20	21.3	107	20.6	103	3	60-130/30
1330-20-7	Xylene (total)	60	64.9	108	62.8	105	3	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	105%	103%	60-130%
2037-26-5	Toluene-D8	93%	94%	60-130%
460-00-4	4-Bromofluorobenzene	99%	99%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C17310-2MS	Q3337.D	1	08/09/11	BD	n/a	n/a	VQ118
C17310-2MSD	Q3338.D	1	08/09/11	BD	n/a	n/a	VQ118
C17310-2	Q3329.D	1	08/09/11	BD	n/a	n/a	VQ118

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

C17310-1, C17310-2, C17310-3, C17310-4, C17310-5, C17310-6, C17310-7, C17310-8, C17310-9, C17310-10, C17310-11, C17310-12, C17310-14

CAS No.	Compound	C17310-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	20.4	102	20.0	100	2	60-130/25
100-41-4	Ethylbenzene	ND		20	20.5	103	20.0	100	2	60-130/25
1634-04-4	Methyl Tert Butyl Ether	5.9		20	21.9	80	22.0	81	0	60-130/25
108-88-3	Toluene	ND		20	20.0	100	19.6	98	2	60-130/25
1330-20-7	Xylene (total)	ND		60	59.9	100	58.1	97	3	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C17310-2	Limits
1868-53-7	Dibromofluoromethane	102%	103%	101%	60-130%
2037-26-5	Toluene-D8	94%	96%	99%	60-130%
460-00-4	4-Bromofluorobenzene	101%	100%	99%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C17253-3MS	R4027.D	1	08/10/11	BD	n/a	n/a	VR143
C17253-3MSD	R4028.D	1	08/10/11	BD	n/a	n/a	VR143
C17253-3	R4019.D	1	08/10/11	BD	n/a	n/a	VR143

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

C17310-13, C17310-16, C17310-17

CAS No.	Compound	C17253-3 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	18.1	91	4	60-130/25
100-41-4	Ethylbenzene	ND		20	23.4	117	22.5	113	4	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	22.1	111	21.2	106	4	60-130/25
108-88-3	Toluene	ND		20	20.5	103	19.6	98	4	60-130/25
1330-20-7	Xylene (total)	ND		60	61.3	102	58.5	98	5	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C17253-3	Limits
1868-53-7	Dibromofluoromethane	100%	99%	97%	60-130%
2037-26-5	Toluene-D8	100%	100%	100%	60-130%
460-00-4	4-Bromofluorobenzene	101%	101%	98%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C17372-1MS	Q3390.D	1	08/11/11	BD	n/a	n/a	VQ120
C17372-1MSD	Q3391.D	1	08/11/11	BD	n/a	n/a	VQ120
C17372-1	Q3383.D	1	08/11/11	BD	n/a	n/a	VQ120

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

C17310-15

CAS No.	Compound	C17372-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		20	22.2	111	22.3	112	0	60-130/25
100-41-4	Ethylbenzene	ND		20	22.3	112	21.9	110	2	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	18.8	94	21.8	109	15	60-130/25
108-88-3	Toluene	ND		20	21.2	106	21.5	108	1	60-130/25
1330-20-7	Xylene (total)	ND		60	64.8	108	65.3	109	1	60-130/25

CAS No.	Surrogate Recoveries	MS	MSD	C17372-1	Limits
1868-53-7	Dibromofluoromethane	102%	105%	99%	60-130%
2037-26-5	Toluene-D8	93%	94%	99%	60-130%
460-00-4	4-Bromofluorobenzene	102%	101%	98%	60-130%

Northern California ACCUTEST LABORATORIES

GC Semi-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: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP4356-MB	GG27339.D	1	08/08/11	JH	08/05/11	OP4356	GGG734

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

C17310-2, C17310-3, C17310-4, C17310-5, C17310-6, C17310-7, C17310-8, C17310-9, C17310-10, C17310-11, C17310-12, C17310-13, C17310-14, C17310-15, C17310-16, C17310-17

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: C17310
Account: CCCAA Cameron-Cole
Project: T0600118672-AC Transit, Emeryville, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP4356-BS	GG27340.D	1	08/08/11	JH	08/05/11	OP4356	GGG734
OP4356-BSD	GG27341.D	1	08/08/11	JH	08/05/11	OP4356	GGG734

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

C17310-2, C17310-3, C17310-4, C17310-5, C17310-6, C17310-7, C17310-8, C17310-9, C17310-10, C17310-11, C17310-12, C17310-13, C17310-14, C17310-15, C17310-16, C17310-17

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	1	0.611	61	0.593	59	3	45-140/30
	TPH (Motor Oil)	1	0.666	67	0.647	65	3	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	82%	84%	45-140%