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Alameda-Contra Costa Transit District

November 7, 2013

Mr. Ralph Lambert  
San Francisco Bay  
Regional Water Quality Control Board  
1515 Clay Street, Suite 1400  
Oakland, CA 94612

Dear Mr. Lambert:

Subject: Submittal Third Quarter (Q3) Groundwater Monitoring  
Report for AC Transit's (D2) Emeryville Division  
located at 1177 47<sup>th</sup> Street, Emeryville, California

AC Transit hereby submits the enclosed Q3 Groundwater Monitoring Report for AC Transit's (D2) Emeryville Division located at 1177 47<sup>th</sup> Street, Emeryville, California. AC Transit's consultant, Cameron-Cole, prepared the report.

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 contact me at (510) 891- 4839 or [wamiri@actransit.org](mailto:wamiri@actransit.org). I thank you for your patience and cooperation

Sincerely,

Wahid A. Amiri, P.E.  
Manager, Safety and Environmental Engineering

Enclosure

Q3 Groundwater Monitoring Report for AC Transit's (D2) Emeryville Division

**THIRD QUARTER 2013  
GROUNDWATER MONITORING REPORT  
FOR THE AC TRANSIT FACILITY  
LOCATED AT 1177 47<sup>th</sup> STREET,  
EMERYVILLE, CALIFORNIA**

**October 2013**

**Prepared For:**

Mr. Wahid Amiri  
AC Transit  
1600 Franklin Street  
Oakland, California 94612



**Prepared By:**

Cameron-Cole  
50 Hegenberger Loop  
Oakland, California 94621



**THIRD QUARTER 2013  
GROUNDWATER MONITORING REPORT  
FOR THE AC TRANSIT FACILITY  
LOCATED AT 1177 47<sup>th</sup> STREET,  
EMERYVILLE, CALIFORNIA**

**October 2013**

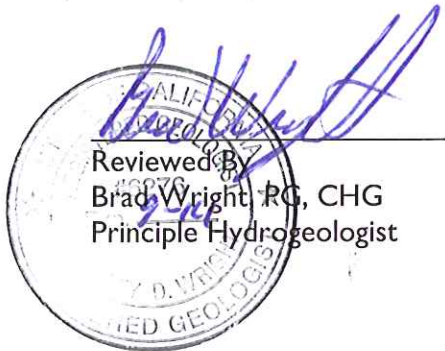
**Prepared For:**


Mr. Wahid Amiri  
AC Transit  
1600 Franklin Street  
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**Prepared By:**

Cameron-Cole  
50 Hegenberger Loop  
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Prepared By  
Nick Davis  
Geologist I

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## **INTRODUCTION**

This report presents the results from the third quarter 2013 groundwater monitoring event for the AC Transit Facility located at 1177 47<sup>th</sup> Street, Emeryville, California (Figure 1) performed by Cameron-Cole on August 28, 2013. Groundwater monitoring at the Emeryville facility is performed on a semiannual schedule in accordance with directives from the State of California Regional Water Quality Control Board, San Francisco Region (Board).

## **GROUNDWATER MONITORING**

Work performed during this sampling event included measuring for the presence of free-phase hydrocarbons and depth to water in 19 monitor wells and collecting groundwater samples from 6 monitor wells (MW-6, MW-7, MW-10, MW-11, MW-13 and W-1).

Monitoring wells MW-6, MW-7 and MW-10 were analyzed for total extractable petroleum hydrocarbons (TPH) as gasoline (TPH-g), and naphthalene by Environmental Protection Agency (EPA) Method 8260B, and for TPH as diesel (TPH-d) and motor oil (TPH-mo) using EPA Method 8015 Modified.

Monitoring well MW-11 was analyzed for the standard full list volatile organic compounds (VOCs) by EPA Method 8260B and for dissolved metals (Cadmium, Chromium, Lead, Nickel and Zinc) by method 6010/6020.

Monitoring well MW-13 was also analyzed for hydraulic oil (TPH-h) using EPA Method 8015 Modified and for naphthalene by EPA Method 8260B

Monitoring well W-1 was analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), naphthalene, and TPH-g by EPA Method 8260B and for TPH-d/mo by EPA Method 8015 Modified.

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 28, 2013, 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 I and were used to construct the groundwater elevation contours in Figure 2. As shown, groundwater flow is to the west at a gradient of 0.021 feet/foot. Monitor well MW-13, which usually has a measurable hydrocarbon layer, had a 0.04 ft layer this time.

### **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 VOCs, naphthalene, TPH-g and BTEX analysis by EPA Method 8260B, one-liter non-preserved amber glass containers for TPH-diesel/motor oil analysis by EPA Method 8015 M and a non-preserved poly container for 6010/6020 Dissolved Metals and placed in an ice-filled cooler for shipment under chain-of-custody to a State of California certified laboratory. The metals sampled were filtered in the laboratory prior to preservation. A trip blank was submitted for naphthalene and TPH-g analysis by EPA Method 8260B.

### **Groundwater Analytical Results**

Table 2 presents third quarter 2013 and historic analytical results of groundwater testing.

Concentrations over time graphs are presented in Appendix B. Benzene was detected above the Maximum Contaminant Level (MCL) of 1.0 micrograms per liter (ug/l) in monitor well MW-6 (1.6 ug/l). TPH as degraded diesel was detected above the environmental screening level (ESL) of 100 ug/l in monitor wells MW-6 (2,220 ug/l), MW-7 (3,660 ug/l), MW-10 (3,280 ug/l), MW-13 (9,780 ug/l), and W-1 (1250 ug/l). Degraded gasoline was detected above the 100 ug/l ESL in monitor wells MW-6 (396 ug/l), MW-7 (223 ug/l), MW-10 (255 ug/l), and W-1 (2,220 ug/l). No analytes were detected in the trip blank. A lab control spike and lab control spike duplicate passed the EPA's criteria for acceptance.

Naphthalene and VOCs were below reporting limits in MW-11. Nickel (5.5 ug/l) and Zinc (178 ug/l) were above reporting limits in the dissolved metals analysis for MW-11. Hydraulic oil range hydrocarbons were detected in MW-13 (11,100 ug/l).

Appendix B includes concentration of TPH-d and TPH-g over time graphs with groundwater elevations (GWE) for all monitoring wells.

## **RESULTS OF SOIL INVESTIGATION**

AC Transit conducted a soil investigation in June 2013 to identify potential contamination sources and provide a better definition of the vertical extent of impacts. The results of the investigation were reported in the *Soil Investigation Report* (Cameron-Cole, 2013) in July 2013. The soil sample analytical results are presented in Table 3. Soil boring and monitoring well locations are presented in Figure 4.

As shown in Table 3, the soil samples collected during the 2013 investigation did not reveal any large scale contamination. Concentrations that exceeded ESLs were limited to diesel in SB-23 and motor oil/hydraulic fluid in SB-26. The diesel concentration in SB-23 was only slightly above the ESL and the motor oil/hydraulic fluid observed in SB-26 was not detected in the nearby SB-25. The concentrations for all other analytes were either non-detect or well below their respective ESLs.

In response to the July 2013 *Soil Investigation Report*, RWQCB requested a presentation and discussion of previous soil and groundwater data to further assess the magnitude of impacts at the site. Table 4 presents all of the historical soil data for the Site. As depicted, no significant TPH impacts have been observed outside the immediate vicinity of the active fuel dispensers. The highest TPH concentrations, observed in SB-12b and SB-18 (37 mg/kg and 22.2 mg/kg, respectively), were still well below the ESL of 100 mg/kg. Additionally, the results observed in SB-11b suggest that the TPH impacts near MW-13 and SB-26 are very localized.

## **SUMMARY OF RESULTS**

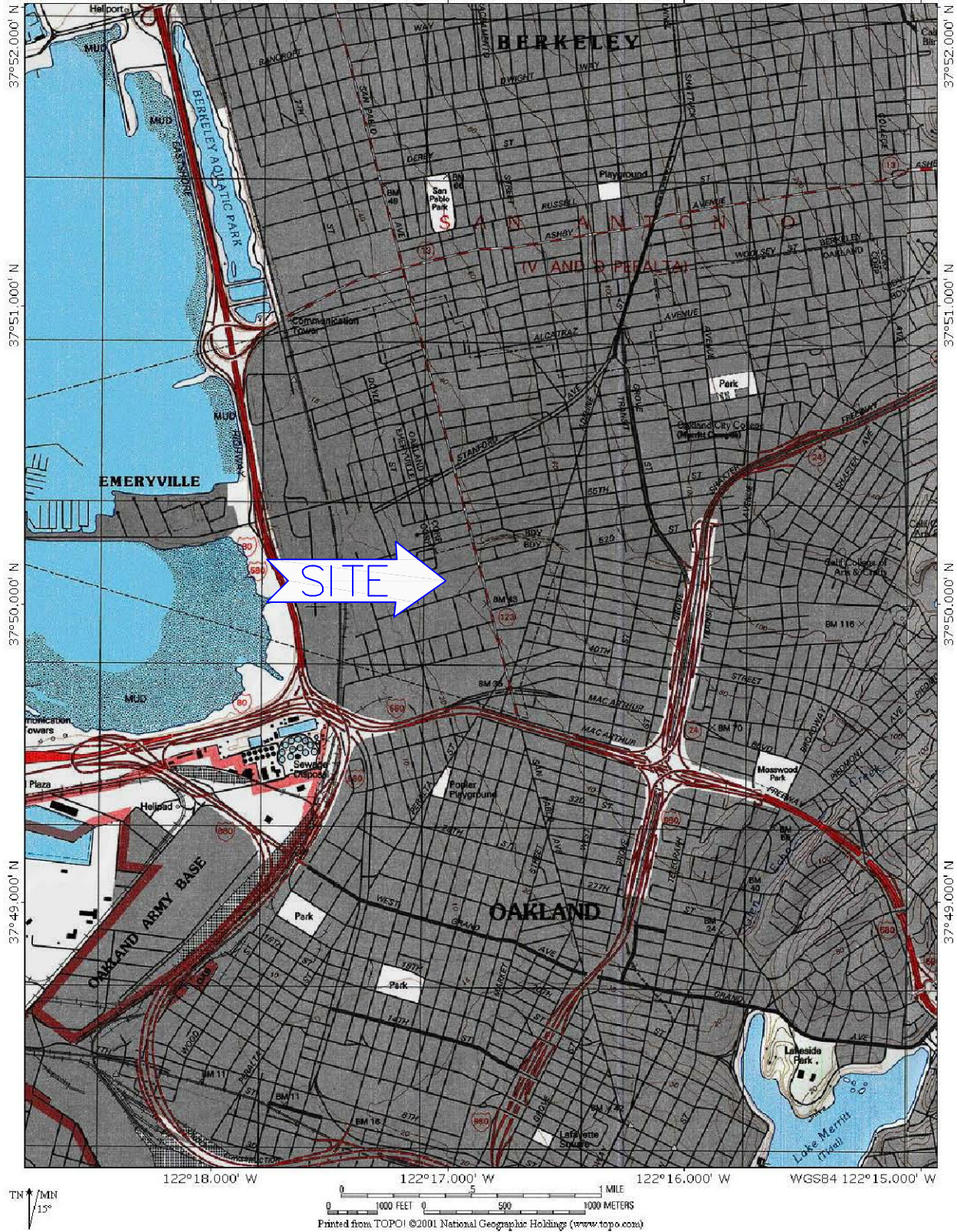
- Groundwater flow is to the west at a gradient of 0.021 feet/foot.
- Benzene was detected above the MCL of 1.0 ug/l in MW-6.
- TPH-d was detected above the 100 ug/l ESL in monitor wells MW-6, MW-7, MW-10, MW-13, and W-1.
- TPH-g was detected above the 100 ug/l ESL in monitor wells MW-6, MW-7, MW-10 and W-1.
- Nickel and Zinc were detected above the 5 ug/l ESL and 20 ug/l ESL, respectively, in monitor well MW-11.

## **PROJECTED WORK AND RECOMMENDATIONS**

Semi-annual groundwater sampling of monitor wells W-1, MW-6, MW-7, MW-10, MW-11 and MW-13 is scheduled for February 2014. This event will include site-wide depth to groundwater level measurements, including inspection of each monitor well for free-phase hydrocarbon. In addition, AC Transit requests a meeting with the Board to discuss requirements for closure under the Low Threat UST Case Closure Policy.



## FIGURES



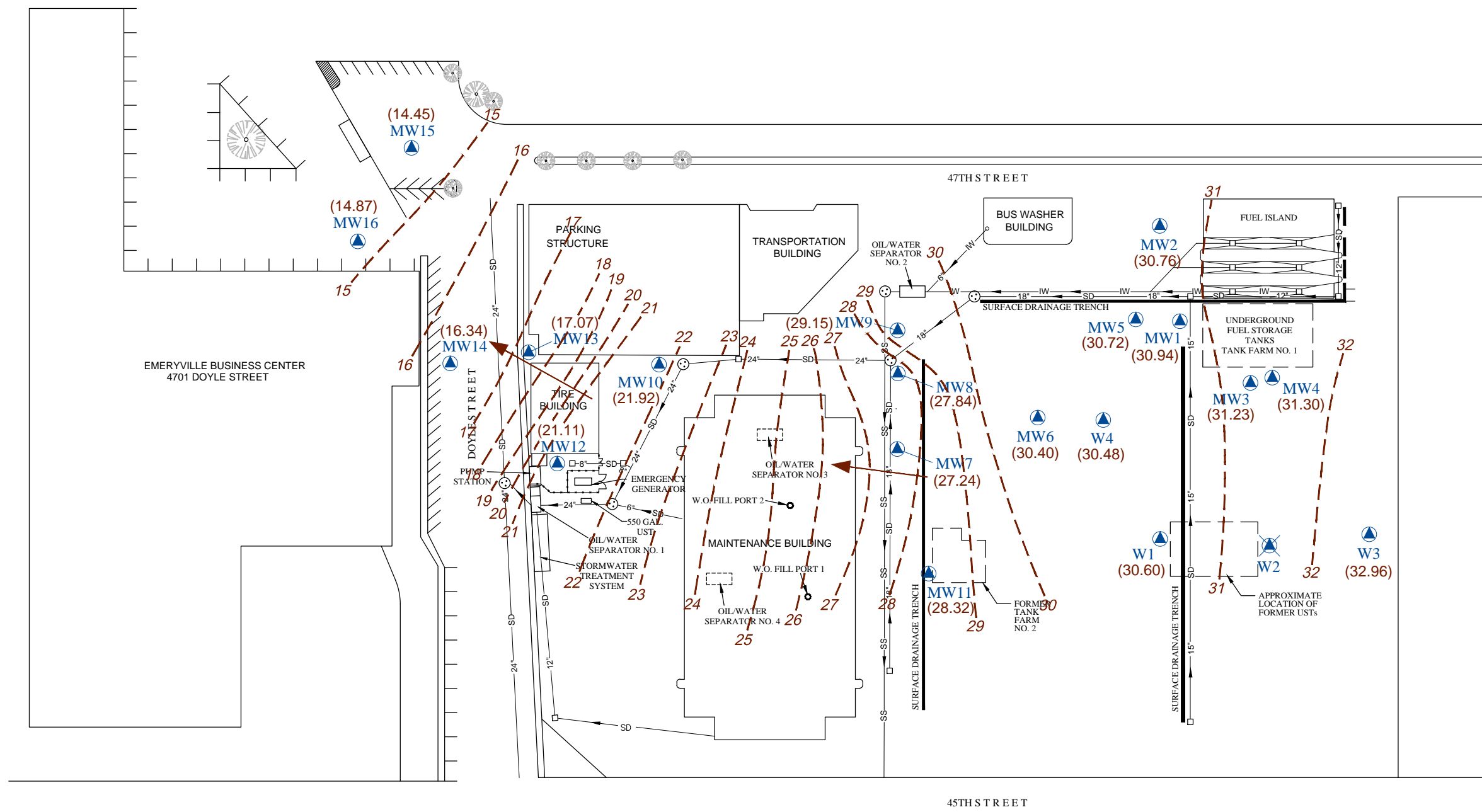
2036-003A



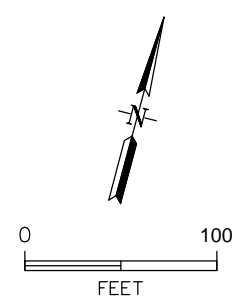
**Cameron-Cole**  
101 WEST ATLANTIC AVENUE, BUILDING 90  
ALAMEDA, CALIFORNIA 94501  
PHONE: 510-337-8660  
FAX: 510-337-3994  
<http://www.cameron-cole.com>

**FIGURE 1**  
**SITE LOCATION MAP**  
**AC TRANSIT – EMERYVILLE**  
**EMERYVILLE, CALIFORNIA**

|        |          |       |          |
|--------|----------|-------|----------|
| SCALE: | AS NOTED | DATE: | 05-08-09 |
|--------|----------|-------|----------|



| LEGEND     |                                  |
|------------|----------------------------------|
|            | MANHOLE                          |
|            | CATCH BASIN                      |
|            | STORM DRAIN PIPELINE             |
|            | SANITARY SEWER PIPELINE          |
|            | INDUSTRIAL WASTE PIPELINE        |
|            | CHAIN LINK FENCE                 |
|            | MONITOR WELL                     |
|            | ABANDONED MONITOR WELL           |
| (30.94)    | POTENTIOMETRIC SURFACE ELEVATION |
| 26 - - - - | POTENTIOMETRIC SURFACE CONTOUR   |
|            | GROUNDWATER FLOW DIRECTION       |
| *          | DATA NOT USED IN CONTOURING      |

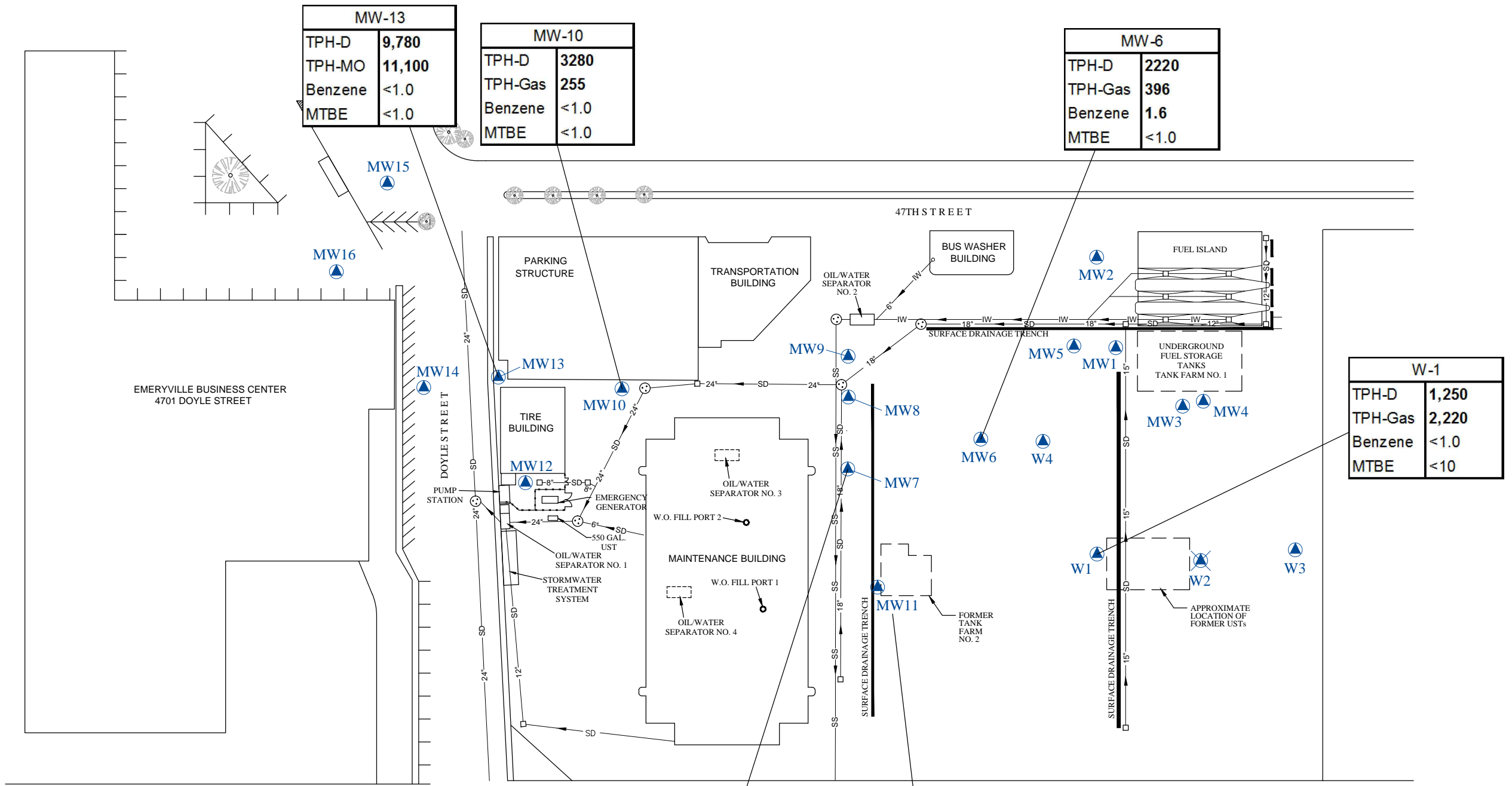


| BY           | DATE     |
|--------------|----------|
| DRAWN<br>AJW | 09/18/13 |
| CHECKED      |          |
| APPROVED     |          |
| APPROVED     |          |
| APPROVED     |          |

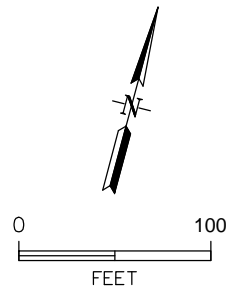
**Cameron-Cole**  
 50 HEGENBERGER LOOP  
 OAKLAND, CALIFORNIA 94621  
 PHONE: 510-777-1870  
 FAX: 510-777-1871  
<http://www.cameron-cole.com>

**FIGURE 2**  
**POTENTIOMETRIC SURFACE CONTOUR MAP-**  
**AUGUST 28, 2013**  
**AC TRANSIT, EMERYVILLE, CA**

|                     |                           |
|---------------------|---------------------------|
| SCALE:<br>1" = 100' | DWG. NO.:<br>SITE0913.DWG |
|---------------------|---------------------------|



| LEGEND                                                 |                                          |
|--------------------------------------------------------|------------------------------------------|
|                                                        | MANHOLE                                  |
|                                                        | CATCH BASIN                              |
|                                                        | STORM DRAIN PIPELINE                     |
|                                                        | SANITARY SEWER PIPELINE                  |
|                                                        | INDUSTRIAL WASTE PIPELINE                |
|                                                        | CHAIN LINK FENCE                         |
|                                                        | MONITOR WELL                             |
|                                                        | ABANDONED MONITOR WELL                   |
| TPH-D                                                  | TOTAL PETROLEUM HYDROCARBONS AS DIESEL   |
| TPH-Gas                                                | TOTAL PETROLEUM HYDROCARBONS AS GASOLINE |
| CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (ug/L) |                                          |

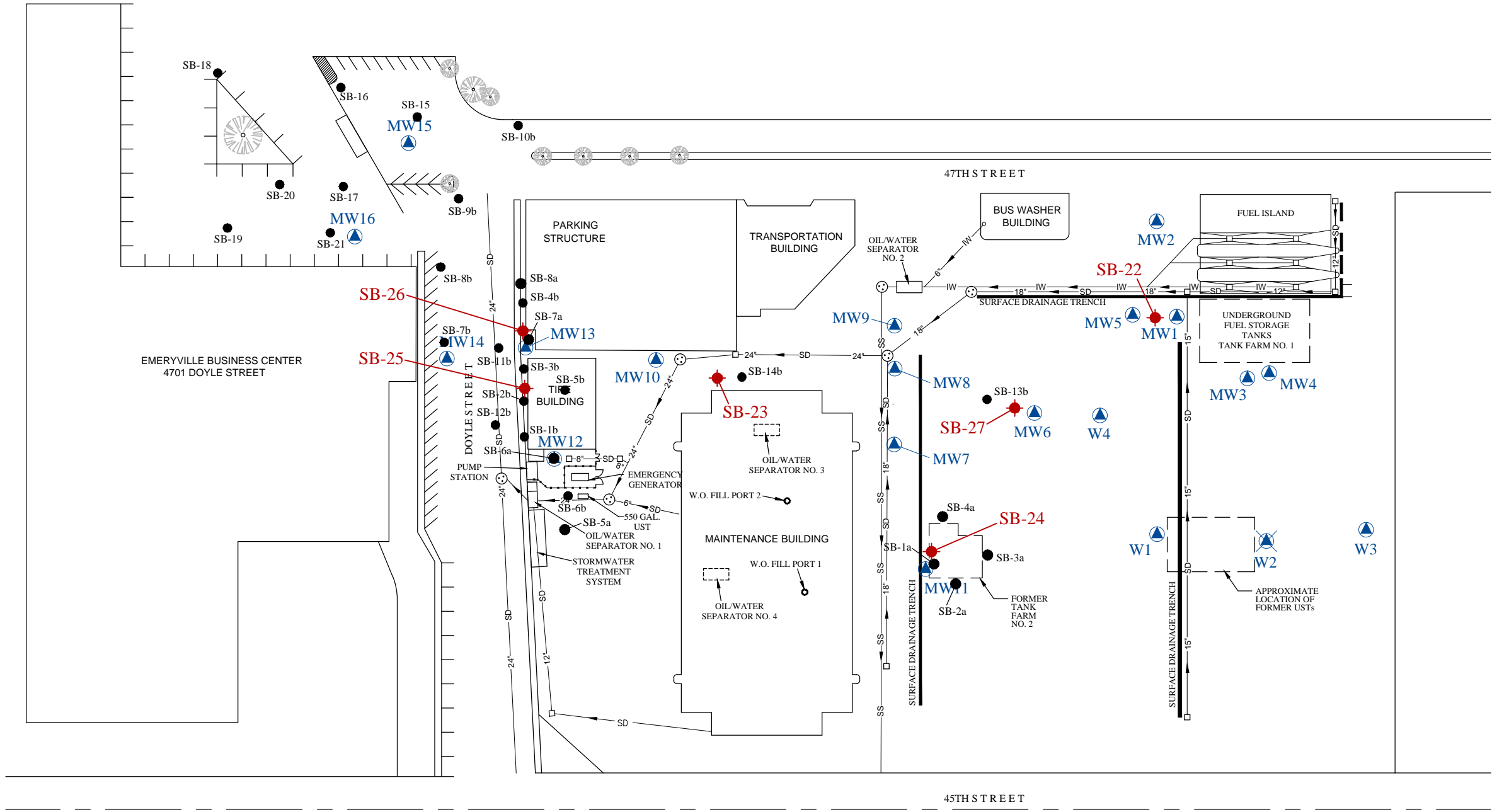


| BY        | DATE     |
|-----------|----------|
| DRAWN AJW | 09/19/13 |
| CHECKED   |          |
| APPROVED  |          |
| APPROVED  |          |
| APPROVED  |          |

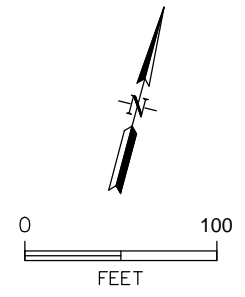
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 PHONE: 510-777-1870  
 FAX: 510-777-1871  
<http://www.cameron-cole.com>

**FIGURE 3**  
 GROUNDWATER ANALYTICAL RESULTS,  
 AUGUST 28, 2013  
 AC TRANSIT, EMERYVILLE, CA

|                  |                        |
|------------------|------------------------|
| SCALE: 1" = 100' | DWG. NO.: SITE0913.DWG |
|------------------|------------------------|



- LEGEND**
- ☉ MANHOLE
  - CATCH BASIN
  - SD STORM DRAIN PIPELINE
  - SS SANITARY SEWER PIPELINE
  - IW INDUSTRIAL WASTE PIPELINE
  - CHAIN LINK FENCE
  - ▲ MONITOR WELL
  - ▲ ABANDONED MONITOR WELL
  - SOIL BORING
  - SOIL BORING (JUNE 2013)



| BY        | DATE     |
|-----------|----------|
| DRAWN AJW | 07/18/13 |
| CHECKED   |          |
| APPROVED  |          |
| APPROVED  |          |
| APPROVED  |          |

**Cameron-Cole**  
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OAKLAND, CALIFORNIA 94621  
PHONE: 510-777-1870  
FAX: 510-777-1871  
<http://www.cameron-cole.com>

**FIGURE 4**

**SOIL BORING AND MONITORING WELL LOCATIONS**  
**AC TRANSIT, EMERYVILLE, CA**

SCALE: 1" = 100'

DWG. NO.: SITE0713.DWG

## **TABLES**

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-1 | 8/31/1999        | 35.66                                  | None                       | 3.24                    | 32.42                                | NA                                                                              |
|      | 11/23/1999       |                                        | None                       | 4.55                    | 31.11                                | NA                                                                              |
|      | 3/1/2000         |                                        | None                       | 3.65                    | 32.01                                | NA                                                                              |
|      | 5/17/2000        |                                        | None                       | 4.08                    | 31.58                                | NA                                                                              |
|      | 8/30/2000        |                                        | None                       | 5.18                    | 30.48                                | NA                                                                              |
|      | 12/18/2000       |                                        | None                       | 4.86                    | 30.80                                | NA                                                                              |
|      | 3/20/2001        |                                        | None                       | 4.22                    | 31.44                                | NA                                                                              |
|      | 6/7/2001         |                                        | None                       | 4.88                    | 30.78                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                       | 4.97                    | 30.69                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 3.59                    | 32.07                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 4.03                    | 31.63                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 4.32                    | 31.34                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 4.61                    | 31.05                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 4.74                    | 30.92                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 4.08                    | 31.58                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 3.68                    | 31.98                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 4.64                    | 31.02                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 4.57                    | 31.09                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 3.95                    | 31.71                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 4.45                    | 31.21                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 5.14                    | 30.52                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 4.2                     | 31.46                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 3.55                    | 32.11                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 5.14                    | 30.52                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 4.05                    | 31.61                                | NA                                                                              |
|      | 11/12/2006**     |                                        | None                       | 3.36                    | 32.30                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 4.90                    | 30.76                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 4.65                    | 31.01                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 4.65                    | 31.01                                | NA                                                                              |
|      | 3/24/2009        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 4.10                    | 31.56                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 4.67                    | 30.99                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 4.18                    | 31.48                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>4.72</b>             | <b>30.94</b>                         | <b>NA</b>                                                                       |

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-2 | 8/31/1999        | 35.14                                  | None                       | 5.24                    | 29.90                                | NA                                                                              |
|      | 11/23/1999       |                                        | None                       | 4.03                    | 31.11                                | NA                                                                              |
|      | 3/1/2000         |                                        | None                       | 3.11                    | 32.03                                | NA                                                                              |
|      | 5/17/2000        |                                        | None                       | 3.66                    | 31.48                                | NA                                                                              |
|      | 8/30/2000        |                                        | None                       | 4.65                    | 30.49                                | NA                                                                              |
|      | 12/18/2000       |                                        | None                       | 4.06                    | 31.08                                | NA                                                                              |
|      | 3/20/2001        |                                        | None                       | 3.91                    | 31.23                                | NA                                                                              |
|      | 6/7/2001         |                                        | None                       | 4.40                    | 30.74                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                       | 4.45                    | 30.69                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 3.19                    | 31.95                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 3.45                    | 31.69                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 3.74                    | 31.40                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 4.20                    | 30.94                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 4.23                    | 30.91                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 3.70                    | 31.44                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 3.59                    | 31.55                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 4.24                    | 30.90                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 4.35                    | 30.79                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 3.61                    | 31.53                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 3.91                    | 31.23                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 4.62                    | 30.52                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 3.91                    | 31.23                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 3.05                    | 32.09                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 4.65                    | 30.49                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 3.55                    | 31.59                                | NA                                                                              |
|      | 11/16/2006**     |                                        | None                       | 3.60                    | 31.54                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 3.73                    | 31.41                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 4.20                    | 30.94                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 4.10                    | 31.04                                | NA                                                                              |
|      | 3/24/2009        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 3.61                    | 31.53                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 4.22                    | 30.92                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 3.72                    | 31.42                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>4.38</b>             | <b>30.76</b>                         | <b>NA</b>                                                                       |



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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-3 | 8/31/1999        | 37.15                                  | None                       | 6.15                    | 31.00                                | NA                                                                              |
|      | 11/23/1999       |                                        | None                       | 5.78                    | 31.37                                | NA                                                                              |
|      | 3/1/2000         |                                        | None                       | 4.82                    | 32.33                                | NA                                                                              |
|      | 5/17/2000        |                                        | None                       | 5.29                    | 31.86                                | NA                                                                              |
|      | 8/30/2000        |                                        | None                       | 6.20                    | 30.95                                | NA                                                                              |
|      | 12/18/2000       |                                        | None                       | 5.65                    | 31.50                                | NA                                                                              |
|      | 3/20/2001        |                                        | None                       | 5.18                    | 31.97                                | NA                                                                              |
|      | 6/7/2001         |                                        | None                       | 6.01                    | 31.14                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                       | 5.9                     | 31.25                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 4.66                    | 32.49                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 5.00                    | 32.15                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 5.21                    | 31.94                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 5.61                    | 31.54                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 5.72                    | 31.43                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 4.97                    | 32.18                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 4.89                    | 32.26                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 5.82                    | 31.33                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 5.92                    | 31.23                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 4.99                    | 32.16                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 5.52                    | 31.63                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 6.25                    | 30.90                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 5.25                    | 31.90                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 4.80                    | 32.35                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 6.21                    | 30.94                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 4.95                    | 32.20                                | NA                                                                              |
|      | 11/16/2006**     |                                        | None                       | 5.50                    | 31.65                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 5.28                    | 31.87                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 5.75                    | 31.40                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 5.70                    | 31.45                                | NA                                                                              |
|      | 3/24/2009        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 5.21                    | 31.94                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 5.77                    | 31.38                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 5.26                    | 31.89                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>5.92</b>             | <b>31.23</b>                         | <b>NA</b>                                                                       |

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-4 | 8/31/1999        | 37.15                                  | None                       | 6.22                    | 30.93                                | NA                                                                              |
|      | 11/23/1999       |                                        | None                       | 6.01                    | 31.14                                | NA                                                                              |
|      | 3/1/2000         |                                        | None                       | 4.74                    | 32.41                                | NA                                                                              |
|      | 5/17/2000        |                                        | None                       | 5.33                    | 31.82                                | NA                                                                              |
|      | 8/30/2000        |                                        | None                       | 6.26                    | 30.89                                | NA                                                                              |
|      | 12/18/2000       |                                        | None                       | 5.66                    | 31.49                                | NA                                                                              |
|      | 3/20/2001        |                                        | None                       | 5.46                    | 31.69                                | NA                                                                              |
|      | 6/7/2001         |                                        | None                       | 6.02                    | 31.13                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                       | 6.06                    | 31.09                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 5.39                    | 31.76                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 5.28                    | 31.87                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 5.39                    | 31.76                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 5.61                    | 31.54                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 5.70                    | 31.45                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 5.39                    | 31.76                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 5.25                    | 31.90                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 5.88                    | 31.27                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 5.84                    | 31.31                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 5.10                    | 32.05                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 5.58                    | 31.57                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 6.30                    | 30.85                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 5.34                    | 31.81                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 4.75                    | 32.40                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 6.30                    | 30.85                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 5.15                    | 32.00                                | NA                                                                              |
|      | 11/16/2006**     |                                        | None                       | 5.40                    | 31.75                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 5.61                    | 31.54                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 5.85                    | 31.30                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 5.80                    | 31.35                                | NA                                                                              |
|      | 3/24/2009        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 5.28                    | 31.87                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 5.84                    | 31.31                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 5.35                    | 31.80                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>5.85</b>             | <b>31.30</b>                         | <b>NA</b>                                                                       |

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-5 | 8/31/1999        | 34.84                                  | None                       | 4.51                    | 30.33                                | NA                                                                              |
|      | 11/23/1999       |                                        | None                       | 4.00                    | 30.84                                | NA                                                                              |
|      | 3/1/2000         |                                        | None                       | 3.31                    | 31.53                                | NA                                                                              |
|      | 5/17/2000        |                                        | None                       | 3.59                    | 31.25                                | NA                                                                              |
|      | 8/30/2000        |                                        | None                       | 4.53                    | 30.31                                | NA                                                                              |
|      | 12/18/2000       |                                        | None                       | 3.97                    | 30.87                                | NA                                                                              |
|      | 3/20/2001        |                                        | None                       | 3.68                    | 31.16                                | NA                                                                              |
|      | 6/7/2001         |                                        | None                       | 4.37                    | 30.47                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                       | 4.46                    | 30.38                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 3.23                    | 31.61                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 3.44                    | 31.40                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 3.68                    | 31.16                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 4.04                    | 30.80                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 4.21                    | 30.63                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 3.61                    | 31.23                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 3.15                    | 31.69                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 4.00                    | 30.84                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 4.20                    | 30.64                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 3.38                    | 31.46                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 3.75                    | 31.09                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 4.55                    | 30.29                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 3.62                    | 31.22                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 2.98                    | 31.86                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 4.55                    | 30.29                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 3.62                    | 31.22                                | NA                                                                              |
|      | 11/12/2006**     |                                        | None                       | 2.50                    | 32.34                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 3.64                    | 31.20                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 4.10                    | 30.74                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 4.05                    | 30.79                                | NA                                                                              |
|      | 3/24/2009        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 3.50                    | 31.34                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 4.04                    | 30.80                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 3.57                    | 31.27                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>4.12</b>             | <b>30.72</b>                         | <b>NA</b>                                                                       |

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-6 | 8/31/1999        | 34.09                                  | None                       | 4.40                    | 29.69                                | NA                                                                              |
|      | 11/23/1999       |                                        | None                       | 3.81                    | 30.28                                | NA                                                                              |
|      | 3/1/2000         |                                        | None                       | 2.88                    | 31.21                                | NA                                                                              |
|      | 5/17/2000        |                                        | None                       | 3.44                    | 30.65                                | NA                                                                              |
|      | 8/30/2000        |                                        | None                       | 4.40                    | 29.69                                | NA                                                                              |
|      | 12/18/2000       |                                        | None                       | 3.61                    | 30.48                                | NA                                                                              |
|      | 3/20/2001        |                                        | None                       | 3.16                    | 30.93                                | NA                                                                              |
|      | 6/7/2001         |                                        | None                       | 4.18                    | 29.91                                | NA                                                                              |
|      | 9/20/2001        |                                        | Sheen                      | 4.22                    | 29.87                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 3.62                    | 30.47                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 2.94                    | 31.15                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 3.53                    | 30.56                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 3.97                    | 30.12                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 3.96                    | 30.13                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 2.97                    | 31.12                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 3.98                    | 30.11                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 3.82                    | 30.27                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 3.78                    | 30.31                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 2.94                    | 31.15                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 3.47                    | 30.62                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 4.22                    | 29.87                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 3.19                    | 30.90                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 2.32                    | 31.77                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 4.21                    | 29.88                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 3.00                    | 31.09                                | NA                                                                              |
|      | 11/16/2006**     |                                        | None                       | 3.30                    | 30.79                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 3.20                    | 30.89                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 3.65                    | 30.44                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 3.70                    | 30.39                                | NA                                                                              |
|      | 3/24/2007        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 3.00                    | 31.09                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 3.70                    | 30.39                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 3.12                    | 30.97                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>3.69</b>             | <b>30.40</b>                         | <b>NA</b>                                                                       |

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-7 | 8/31/1999        | 32.67                                  | None                       | 5.47                    | 27.20                                | NA                                                                              |
|      | 11/23/1999       |                                        | None                       | 4.93                    | 27.74                                | NA                                                                              |
|      | 3/1/2000         |                                        | None                       | 4.06                    | 28.61                                | NA                                                                              |
|      | 5/17/2000        |                                        | None                       | 4.69                    | 27.98                                | NA                                                                              |
|      | 8/30/2000        |                                        | None                       | 5.50                    | 27.17                                | NA                                                                              |
|      | 12/18/2000       |                                        | None                       | 5.78                    | 26.89                                | NA                                                                              |
|      | 3/20/2001        |                                        | None                       | 4.83                    | 27.84                                | NA                                                                              |
|      | 6/7/2001         |                                        | None                       | 4.80                    | 27.87                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                       | 5.19                    | 27.48                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 4.68                    | 27.99                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 4.53                    | 28.14                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 4.34                    | 28.33                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 5.28                    | 27.39                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 5.51                    | 27.16                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 4.36                    | 28.31                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 4.76                    | 27.91                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 5.25                    | 27.42                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 5.26                    | 27.41                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 4.31                    | 28.36                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 4.46                    | 28.21                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 5.61                    | 27.06                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 4.82                    | 27.85                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 4.14                    | 28.53                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 5.50                    | 27.17                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 4.25                    | 28.42                                | NA                                                                              |
|      | 11/16/2006**     |                                        | None                       | 5.70                    | 26.97                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 4.54                    | 28.13                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 5.15                    | 27.52                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 5.40                    | 27.27                                | NA                                                                              |
|      | 3/24/2009        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 5.07                    | 27.60                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 5.51                    | 27.16                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 4.51                    | 28.16                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>5.43</b>             | <b>27.24</b>                         | <b>NA</b>                                                                       |

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-8 | 8/31/1999        | 32.44                                  | None                       | 5.35                    | 27.09                                | NA                                                                              |
|      | 11/23/1999       |                                        | None                       | 4.75                    | 27.69                                | NA                                                                              |
|      | 3/1/2000         |                                        | None                       | 4.48                    | 27.96                                | NA                                                                              |
|      | 5/17/2000        |                                        | None                       | 4.78                    | 27.66                                | NA                                                                              |
|      | 8/30/2000        |                                        | None                       | 5.02                    | 27.42                                | NA                                                                              |
|      | 12/18/2000       |                                        | None                       | 5.23                    | 27.21                                | NA                                                                              |
|      | 3/20/2001        |                                        | None                       | 4.70                    | 27.74                                | NA                                                                              |
|      | 6/7/2001         |                                        | None                       | 5.13                    | 27.31                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                       | 5.68                    | 26.76                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 4.26                    | 28.18                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 4.18                    | 28.26                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 4.58                    | 27.86                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 4.96                    | 27.48                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 4.99                    | 27.45                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 4.41                    | 28.03                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 4.29                    | 28.15                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 4.58                    | 27.86                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 4.69                    | 27.75                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 4.22                    | 28.22                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 4.52                    | 27.92                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 4.79                    | 27.65                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 4.56                    | 27.88                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 4.08                    | 28.36                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 5.05                    | 27.39                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 4.95                    | 27.49                                | NA                                                                              |
|      | 11/12/2006**     |                                        | None                       | 4.70                    | 27.74                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 4.08                    | 28.36                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 4.70                    | 27.74                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 4.70                    | 27.74                                | NA                                                                              |
|      | 3/24/2009        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 4.36                    | 28.08                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 4.68                    | 27.76                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 4.23                    | 28.21                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>4.60</b>             | <b>27.84</b>                         | <b>NA</b>                                                                       |

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-9 | 8/31/1999        | 32.31                                  | None                       | 4.15                    | 28.16                                | NA                                                                              |
|      | 11/23/1999       |                                        | None                       | 3.93                    | 28.38                                | NA                                                                              |
|      | 3/1/2000         |                                        | None                       | 3.69                    | 28.62                                | NA                                                                              |
|      | 5/17/2000        |                                        | None                       | 3.56                    | 28.75                                | NA                                                                              |
|      | 8/30/2000        |                                        | None                       | 4.64                    | 27.67                                | NA                                                                              |
|      | 12/18/2000       |                                        | None                       | 4.02                    | 28.29                                | NA                                                                              |
|      | 3/20/2001        |                                        | None                       | 3.92                    | 28.39                                | NA                                                                              |
|      | 6/7/2001         |                                        | None                       | 4.28                    | 28.03                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                       | 5.12                    | 27.19                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 3.87                    | 28.44                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 4.48                    | 27.83                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 5.13                    | 27.18                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 4.48                    | 27.83                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 3.90                    | 28.41                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 3.65                    | 28.66                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 4.50                    | 27.81                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 4.33                    | 27.98                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 3.83                    | 28.48                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 3.17                    | 29.14                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 3.42                    | 28.89                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 3.45                    | 28.86                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 3.44                    | 28.87                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 3.28                    | 29.03                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 4.26                    | 28.05                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 3.70                    | 28.61                                | NA                                                                              |
|      | 11/12/2006**     |                                        | None                       | 3.50                    | 28.81                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 3.43                    | 28.88                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 3.75                    | 28.56                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 2.80                    | 29.51                                | NA                                                                              |
|      | 3/24/2009        |                                        | None                       | 3.31                    | 29.00                                | NA                                                                              |
|      | 6/11/2009        |                                        | None                       | 3.48                    | 28.83                                | NA                                                                              |
|      | 8/27/2009        |                                        | None                       | 3.58                    | 28.73                                | NA                                                                              |
|      | 11/24/2009       |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 3.07                    | 29.24                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 3.39                    | 28.92                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 2.92                    | 29.39                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>3.16</b>             | <b>29.15</b>                         | <b>NA</b>                                                                       |

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

| Well  | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct)     | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|-------|------------------|----------------------------------------|----------------------------|-----------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-10 | 8/31/1999        | 31.92                                  | None                       | 9.59                        | 22.33                                | NA                                                                              |
|       | 11/23/1999       |                                        | None                       | 9.44                        | 22.48                                | NA                                                                              |
|       | 3/1/2000         |                                        | None                       | 9.06                        | 22.86                                | NA                                                                              |
|       | 5/17/2000        |                                        | None                       | 9.31                        | 22.61                                | NA                                                                              |
|       | 8/30/2000        |                                        | None                       | 9.68                        | 22.24                                | NA                                                                              |
|       | 12/18/2000       |                                        | None                       | 9.41                        | 22.51                                | NA                                                                              |
|       | 3/20/2001        |                                        | None                       | 9.23                        | 22.69                                | NA                                                                              |
|       | 6/7/2001         |                                        | None                       | 9.60                        | 22.32                                | NA                                                                              |
|       | 9/20/2001        |                                        | None                       | 9.70                        | 22.22                                | NA                                                                              |
|       | 12/14/2001       |                                        | None                       | 8.83                        | 23.09                                | NA                                                                              |
|       | 2/27/2002        |                                        | None                       | 9.15                        | 22.77                                | NA                                                                              |
|       | 5/16/2002        |                                        | None                       | 9.45                        | 22.47                                | NA                                                                              |
|       | 9/18/2002        |                                        | None                       | 9.65                        | 22.27                                | NA                                                                              |
|       | 10/30/2002       |                                        | None                       | 9.73                        | 22.19                                | NA                                                                              |
|       | 2/6/2003         |                                        | None                       | 9.34                        | 22.58                                | NA                                                                              |
|       | 5/1/2003         |                                        | None                       | 9.14                        | 22.78                                | NA                                                                              |
|       | 8/26/2003        |                                        | None                       | 9.69                        | 22.23                                | NA                                                                              |
|       | 11/20/2003       |                                        | None                       | 9.62                        | 22.30                                | NA                                                                              |
|       | 2/10/2004        |                                        | None                       | 9.20                        | 22.72                                | NA                                                                              |
|       | 5/18/2004        |                                        | None                       | 9.58                        | 22.34                                | NA                                                                              |
|       | 8/30/2004        |                                        | None                       | 9.85                        | 22.07                                | NA                                                                              |
|       | 11/17/2004       |                                        | None                       | 9.26                        | 22.66                                | NA                                                                              |
|       | 2/23/2005        |                                        | None                       | 8.60                        | 23.32                                | NA                                                                              |
|       | 11/2/2005**      |                                        | None                       | 9.81                        | 22.11                                | NA                                                                              |
|       | 5/28/2006**      |                                        | None                       | 9.55                        | 22.37                                | NA                                                                              |
|       | 11/16/2006**     |                                        |                            | <b>Well not accessible.</b> |                                      |                                                                                 |
|       | 2/24/2007**      |                                        | None                       | 9.00                        | 22.92                                | NA                                                                              |
|       | 5/27/2007**      |                                        | None                       | 9.45                        | 22.47                                | NA                                                                              |
|       | 11/10/2007**     |                                        | None                       | 9.70                        | 22.22                                | NA                                                                              |
|       | 5/25/2008**      |                                        | None                       | 10.15                       | 21.77                                | NA                                                                              |
|       | 3/24/2009        |                                        | 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                                                                              |
|       | 2/23/2012        |                                        | None                       | 9.58                        | 22.34                                | NA                                                                              |
|       | 8/23/2012        |                                        | None                       | 10.01                       | 21.91                                | NA                                                                              |
|       | 2/21/2013        |                                        | None                       | 9.71                        | 22.21                                | NA                                                                              |
|       | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>10.00</b>                | <b>21.92</b>                         | <b>NA</b>                                                                       |



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

| Well  | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|-------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-11 | 9/20/2001        | 31.95                                  | None                       | 4.41                    | 27.54                                | NA                                                                              |
|       | 12/14/2001       |                                        | None                       | 1.82                    | 30.13                                | NA                                                                              |
|       | 2/27/2002        |                                        | None                       | 2.39                    | 29.56                                | NA                                                                              |
|       | 5/16/2002        |                                        | None                       | 2.98                    | 28.97                                | NA                                                                              |
|       | 9/18/2002        |                                        | None                       | 4.00                    | 27.95                                | NA                                                                              |
|       | 10/30/2002       |                                        | None                       | 4.14                    | 27.81                                | NA                                                                              |
|       | 2/6/2003         |                                        | None                       | 2.59                    | 29.36                                | NA                                                                              |
|       | 5/1/2003         |                                        | None                       | 2.26                    | 29.69                                | NA                                                                              |
|       | 8/26/2003        |                                        | None                       | 3.79                    | 28.16                                | NA                                                                              |
|       | 11/20/2003       |                                        | None                       | 3.66                    | 28.29                                | NA                                                                              |
|       | 2/10/2004        |                                        | None                       | 2.40                    | 29.55                                | NA                                                                              |
|       | 5/18/2004        |                                        | None                       | 3.20                    | 28.75                                | NA                                                                              |
|       | 8/30/2004        |                                        | None                       | 4.43                    | 27.52                                | NA                                                                              |
|       | 11/17/2004       |                                        | None                       | 2.36                    | 29.59                                | NA                                                                              |
|       | 2/23/2005        |                                        | None                       | 2.05                    | 29.90                                | NA                                                                              |
|       | 11/2/2005**      |                                        | None                       | 4.30                    | 27.65                                | NA                                                                              |
|       | 2/22/2006**      |                                        | None                       | 2.50                    | 29.45                                | NA                                                                              |
|       | 5/28/2006**      |                                        | None                       | 2.85                    | 29.10                                | NA                                                                              |
|       | 8/27/2006**      |                                        | None                       | 3.00                    | 28.95                                | NA                                                                              |
|       | 11/12/2006**     |                                        | None                       | 3.02                    | 28.93                                | NA                                                                              |
|       | 2/24/2007**      |                                        | None                       | 2.15                    | 29.80                                | NA                                                                              |
|       | 5/27/2007**      |                                        | None                       | 2.78                    | 29.17                                | NA                                                                              |
|       | 9/2/2007**       |                                        | None                       | 4.20                    | 27.75                                | NA                                                                              |
|       | 11/10/2007**     |                                        | None                       | 3.30                    | 28.65                                | NA                                                                              |
|       | 2/28/2008**      |                                        | None                       | 2.31                    | 29.64                                | NA                                                                              |
|       | 5/25/2008**      |                                        | None                       | 3.70                    | 28.25                                | NA                                                                              |
|       | 11/2/2008**      |                                        | None                       | 2.98                    | 28.97                                | NA                                                                              |
|       | 3/24/2009        |                                        | 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                                                                              |
|       | 2/23/2012        |                                        | None                       | 2.55                    | 29.40                                | NA                                                                              |
|       | 8/23/2012        |                                        | None                       | 3.63                    | 28.32                                | NA                                                                              |
|       | 2/21/2013        |                                        | None                       | 2.50                    | 29.45                                | NA                                                                              |
|       | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>3.63</b>             | <b>28.32</b>                         | <b>NA</b>                                                                       |

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

| Well  | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|-------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-12 | 9/20/2001        | 31.76                                  | None                       | 10.41                   | 21.35                                | NA                                                                              |
|       | 12/14/2001       |                                        | None                       | 9.62                    | 22.14                                | NA                                                                              |
|       | 2/27/2002        |                                        | None                       | 10.09                   | 21.67                                | NA                                                                              |
|       | 5/16/2002        |                                        | None                       | 10.04                   | 21.72                                | NA                                                                              |
|       | 9/18/2002        |                                        | None                       | 10.66                   | 21.10                                | NA                                                                              |
|       | 10/30/2002       |                                        | None                       | 10.62                   | 21.14                                | NA                                                                              |
|       | 2/6/2003         |                                        | None                       | 9.97                    | 21.79                                | NA                                                                              |
|       | 5/1/2003         |                                        | None                       | 9.78                    | 21.98                                | NA                                                                              |
|       | 8/26/2003        |                                        | None                       | 10.70                   | 21.06                                | NA                                                                              |
|       | 11/20/2003       |                                        | None                       | 10.53                   | 21.23                                | NA                                                                              |
|       | 2/10/2004        |                                        | None                       | 9.80                    | 21.96                                | NA                                                                              |
|       | 5/18/2004        |                                        | None                       | 10.13                   | 21.63                                | NA                                                                              |
|       | 8/30/2004        |                                        | None                       | 10.32                   | 21.44                                | NA                                                                              |
|       | 11/17/2004       |                                        | None                       | 9.91                    | 21.85                                | NA                                                                              |
|       | 2/23/2005        |                                        | None                       | 9.29                    | 22.47                                | NA                                                                              |
|       | 11/2/2005**      |                                        | None                       | 10.76                   | 21.00                                | NA                                                                              |
|       | 2/22/2006**      |                                        | None                       | 10.50                   | 21.26                                | NA                                                                              |
|       | 5/28/2006**      |                                        | None                       | 10.82                   | 20.94                                | NA                                                                              |
|       | 8/27/2006**      |                                        | None                       | 10.50                   | 21.26                                | NA                                                                              |
|       | 11/16/2006**     |                                        | None                       | 10.80                   | 20.96                                | NA                                                                              |
|       | 2/24/2007**      |                                        | None                       | 10.30                   | 21.46                                | NA                                                                              |
|       | 5/27/2007**      |                                        | None                       | 10.88                   | 20.88                                | NA                                                                              |
|       | 9/2/2007**       |                                        | None                       | 10.70                   | 21.06                                | NA                                                                              |
|       | 11/10/2007**     |                                        | None                       | 10.90                   | 20.86                                | NA                                                                              |
|       | 2/28/2008**      |                                        | None                       | 11.35                   | 20.41                                | NA                                                                              |
|       | 5/25/2008**      |                                        | None                       | 11.80                   | 19.96                                | NA                                                                              |
|       | 11/2/2008**      |                                        | None                       | 10.50                   | 21.26                                | NA                                                                              |
|       | 3/24/2009        |                                        | 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                                                                              |
|       | 2/23/2012        |                                        | None                       | 10.94                   | 20.82                                | NA                                                                              |
|       | 8/23/2012        |                                        | None                       | 10.66                   | 21.10                                | NA                                                                              |
|       | 2/21/2013        |                                        | None                       | 10.97                   | 20.79                                | NA                                                                              |
|       | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>10.65</b>            | <b>21.11</b>                         | <b>NA</b>                                                                       |

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

| Well  | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|-------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| MW-13 | 9/20/2001        | 26.70                                  | None                       | 8.83                    | 17.87                                | NA                                                                              |
|       | 12/14/2001       |                                        | None                       | 7.95                    | 18.75                                | NA                                                                              |
|       | 2/27/2002        |                                        | None                       | 7.64                    | 19.06                                | NA                                                                              |
|       | 5/16/2002        |                                        | None                       | 8.43                    | 18.27                                | NA                                                                              |
|       | 9/18/2002        |                                        | 6.86                       | 15.09                   | 11.61                                | 17.10                                                                           |
|       | 10/30/2002       |                                        | 6.04                       | 14.29                   | 12.41                                | 17.24                                                                           |
|       | 2/6/2003         |                                        | 0.09                       | 8.25                    | 18.45                                | 18.52                                                                           |
|       | 5/1/2003         |                                        | 0.24                       | 7.29                    | 19.41                                | 19.60                                                                           |
|       | 8/26/2003        |                                        | 0.39                       | 9.70                    | 17.00                                | 17.31                                                                           |
|       | 11/20/2003       |                                        | 0.85                       | 9.85                    | 16.85                                | 17.53                                                                           |
|       | 2/10/2004        |                                        | 0.88                       | 10.59                   | 16.11                                | 16.81                                                                           |
|       | 5/18/2004        |                                        | 0.92                       | 10.70                   | 16.00                                | 16.74                                                                           |
|       | 8/30/2004        |                                        | 1.06                       | 9.36                    | 17.34                                | 18.19                                                                           |
|       | 11/17/2004       |                                        | 0.25                       | 9.74                    | 16.96                                | 17.16                                                                           |
|       | 2/23/2005        |                                        | 0.07                       | 6.49                    | 20.21                                | 20.27                                                                           |
|       | 11/2/2005**      |                                        | 0.063                      | 9.10                    | 17.60                                | 17.65                                                                           |
|       | 2/22/2006**      |                                        | 0.167                      | NM                      | NA                                   | NA                                                                              |
|       | 5/28/2006**      |                                        | NM                         | NM                      | NA                                   | NA                                                                              |
|       | 11/16/2006**     |                                        | 0.017                      | NM                      | NA                                   | NA                                                                              |
|       | 5/27/2007**      |                                        | 0.045                      | 9.45                    | 17.25                                | 17.29                                                                           |
|       | 9/2/2007**       |                                        | 1.1                        | 10.30                   | 16.40                                | 17.28                                                                           |
|       | 11/10/2007**     |                                        | 1.22                       | 10.62                   | 16.08                                | 17.06                                                                           |
|       | 2/28/2008**      |                                        | 0.7                        | 9.90                    | 16.80                                | 17.36                                                                           |
|       | 5/25/2008**      |                                        | 1.1                        | 10.50                   | 16.20                                | 17.08                                                                           |
|       | 11/2/2008**      |                                        | 1.1                        | 10.40                   | 16.30                                | 17.18                                                                           |
|       | 3/24/2009        |                                        | 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                                                                           |
|       | 2/23/2012        |                                        | 0.04                       | 9.22                    | 17.48                                | 17.51                                                                           |
|       | 8/23/2012        |                                        | 0.06                       | 9.48                    | 17.22                                | 17.27                                                                           |
|       | 2/21/2013        |                                        | 0.00                       | 8.90                    | 17.80                                | 17.80                                                                           |
|       | <b>8/28/2013</b> |                                        | <b>0.04</b>                | <b>9.63</b>             | <b>17.07</b>                         | <b>17.10</b>                                                                    |

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

| Well  | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(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                                                                              |
|       | 2/23/2012        |                                        | None                       | 9.26                    | 16.72                                | NA                                                                              |
|       | 8/23/2012        |                                        | None                       | 9.54                    | 16.44                                | NA                                                                              |
|       | 2/21/2013        |                                        | None                       | 8.98                    | 17.00                                | NA                                                                              |
|       | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>9.64</b>             | <b>16.34</b>                         | <b>NA</b>                                                                       |
| 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                                                                              |
|       | 2/23/2012        |                                        | None                       | 8.00                    | 16.22                                | NA                                                                              |
|       | 8/23/2012        |                                        | None                       | 9.38                    | 14.84                                | NA                                                                              |
|       | 2/21/2013        |                                        | None                       | 8.73                    | 15.49                                | NA                                                                              |
|       | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>9.77</b>             | <b>14.45</b>                         | <b>NA</b>                                                                       |
| 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                                                                              |
|       | 2/23/2012        |                                        | None                       | 7.18                    | 15.72                                | NA                                                                              |
|       | 8/23/2012        |                                        | None                       | 7.73                    | 15.17                                | NA                                                                              |
|       | 2/21/2013        |                                        | None                       | 6.95                    | 15.95                                | NA                                                                              |
|       | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>8.03</b>             | <b>14.87</b>                         | <b>NA</b>                                                                       |

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

| Well       | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| W-1        | 3/2/2000         | 36.57                                  | None                       | 4.08                    | 32.49                                | NA                                                                              |
|            | 5/17/2000        |                                        | None                       | 5.41                    | 31.16                                | NA                                                                              |
|            | 8/30/2000        |                                        | None                       | 6.71                    | 29.86                                | NA                                                                              |
|            | 12/18/2000       |                                        | None                       | 5.73                    | 30.84                                | NA                                                                              |
|            | 3/20/2001        |                                        | None                       | 5.16                    | 31.41                                | NA                                                                              |
|            | 6/7/2001         |                                        | None                       | 6.10                    | 30.47                                | NA                                                                              |
|            | 9/20/2001        |                                        | None                       | 6.58                    | 29.99                                | NA                                                                              |
|            | 12/14/2001       |                                        | None                       | 4.69                    | 31.88                                | NA                                                                              |
|            | 2/27/2002        |                                        | None                       | 4.94                    | 31.63                                | NA                                                                              |
|            | 5/16/2002        |                                        | None                       | 5.54                    | 31.03                                | NA                                                                              |
|            | 9/18/2002        |                                        | None                       | 6.08                    | 30.49                                | NA                                                                              |
|            | 10/30/2002       |                                        | None                       | 6.24                    | 30.33                                | NA                                                                              |
|            | 2/6/2003         |                                        | None                       | 5.17                    | 31.4                                 | NA                                                                              |
|            | 5/1/2003         |                                        | None                       | 4.71                    | 31.86                                | NA                                                                              |
|            | 8/26/2003        |                                        | None                       | 6.14                    | 30.43                                | NA                                                                              |
|            | 11/20/2003       |                                        | None                       | 6.19                    | 30.38                                | NA                                                                              |
|            | 2/10/2004        |                                        | None                       | 4.95                    | 31.62                                | NA                                                                              |
|            | 5/18/2004        |                                        | None                       | 5.70                    | 30.87                                | NA                                                                              |
|            | 8/30/2004        |                                        | None                       | 6.64                    | 29.93                                | NA                                                                              |
|            | 11/17/2004       |                                        | None                       | 5.36                    | 31.21                                | NA                                                                              |
|            | 2/23/2005        |                                        | None                       | 4.26                    | 32.31                                | NA                                                                              |
|            | 11/2/2005**      |                                        | None                       | 6.59                    | 29.98                                | NA                                                                              |
|            | 5/28/2006**      |                                        | None                       | 5.15                    | 31.42                                | NA                                                                              |
|            | 11/16/2006**     |                                        | None                       | 5.50                    | 31.07                                | NA                                                                              |
|            | 5/27/2007**      |                                        | None                       | 5.80                    | 30.77                                | NA                                                                              |
|            | 11/10/2007**     |                                        | None                       | 5.95                    | 30.62                                | NA                                                                              |
|            | 5/25/2008**      |                                        | None                       | 5.95                    | 30.62                                | NA                                                                              |
|            | 3/24/2009        |                                        | None                       | 4.77                    | 31.8                                 | NA                                                                              |
|            | 6/11/2009        |                                        | None                       | 5.68                    | 30.89                                | NA                                                                              |
|            | 8/27/2009        |                                        | None                       | 6.67                    | 29.9                                 | 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                                   |                                                                                 |
| 2/23/2012  |                  | None                                   | 5.10                       | 31.47                   | NA                                   |                                                                                 |
| 8/23/2012  |                  | None                                   | 5.91                       | 30.66                   | NA                                   |                                                                                 |
| 2/21/2013  |                  | None                                   | 5.18                       | 31.39                   | NA                                   |                                                                                 |
|            | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>5.97</b>             | <b>30.6</b>                          | <b>NA</b>                                                                       |
| 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                                                                              |
|            | <b>1/23/2001</b> |                                        |                            |                         |                                      | <b>abandoned</b>                                                                |

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fcet) | Depth To Water<br>(fcet) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|-----------------------------|--------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| W-3  | 5/17/2000        | 40.41                                  | 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                     | 32.90                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                        | 7.83                     | 32.58                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                        | 4.76                     | 35.65                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                        | 5.32                     | 35.09                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                        | 6.45                     | 33.96                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                        | 7.10                     | 33.31                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                        | 7.30                     | 33.11                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                        | 5.69                     | 34.72                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                        | 4.97                     | 35.44                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                        | 7.52                     | 32.89                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                        | 7.58                     | 32.83                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                        | 5.63                     | 34.78                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                        | 6.20                     | 34.21                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                        | 8.39                     | 32.02                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                        | 6.57                     | 33.84                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                        | 4.24                     | 36.17                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                        | 8.24                     | 32.17                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                        | 6.32                     | 34.09                                | NA                                                                              |
|      | 11/16/2006**     |                                        | None                        | 6.80                     | 33.61                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                        | 6.73                     | 33.68                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                        | 7.55                     | 32.86                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                        | 7.50                     | 32.91                                | NA                                                                              |
|      | 3/24/2009        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                        | 6.16                     | 34.25                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                        | 7.28                     | 33.13                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                        | 6.33                     | 34.08                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                 | <b>7.45</b>              | <b>32.96</b>                         | <b>NA</b>                                                                       |

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

| Well | Date             | Top of Casing<br>Elevation<br>(ft-msl) | Product Thickness<br>(fct) | Depth To Water<br>(fct) | Groundwater<br>Elevation<br>(ft-msl) | Groundwater<br>Elevation<br>Corrected from<br>Product<br>Thickness*<br>(ft-msl) |
|------|------------------|----------------------------------------|----------------------------|-------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| W-4  | 3/2/2000         | 34.81                                  | 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                    | 30.14                                | NA                                                                              |
|      | 9/20/2001        |                                        | None                       | 4.80                    | 30.01                                | NA                                                                              |
|      | 12/14/2001       |                                        | None                       | 3.22                    | 31.59                                | NA                                                                              |
|      | 2/27/2002        |                                        | None                       | 3.58                    | 31.23                                | NA                                                                              |
|      | 5/16/2002        |                                        | None                       | 3.89                    | 30.92                                | NA                                                                              |
|      | 9/18/2002        |                                        | None                       | 4.24                    | 30.57                                | NA                                                                              |
|      | 10/30/2002       |                                        | None                       | 4.56                    | 30.25                                | NA                                                                              |
|      | 2/6/2003         |                                        | None                       | 3.67                    | 31.14                                | NA                                                                              |
|      | 5/1/2003         |                                        | None                       | 2.61                    | 32.20                                | NA                                                                              |
|      | 8/26/2003        |                                        | None                       | 4.47                    | 30.34                                | NA                                                                              |
|      | 11/20/2003       |                                        | None                       | 4.42                    | 30.39                                | NA                                                                              |
|      | 2/10/2004        |                                        | None                       | 3.54                    | 31.27                                | NA                                                                              |
|      | 5/18/2004        |                                        | None                       | 4.11                    | 30.70                                | NA                                                                              |
|      | 8/30/2004        |                                        | None                       | 4.85                    | 29.96                                | NA                                                                              |
|      | 11/17/2004       |                                        | None                       | 3.81                    | 31.00                                | NA                                                                              |
|      | 2/23/2005        |                                        | None                       | 2.97                    | 28.75                                | NA                                                                              |
|      | 11/2/2005**      |                                        | None                       | 4.70                    | 30.11                                | NA                                                                              |
|      | 5/28/2006**      |                                        | None                       | 4.50                    | 30.31                                | NA                                                                              |
|      | 11/16/2006**     |                                        | None                       | 3.90                    | 30.91                                | NA                                                                              |
|      | 5/27/2007**      |                                        | None                       | 3.82                    | 30.99                                | NA                                                                              |
|      | 11/10/2007**     |                                        | None                       | 4.30                    | 30.51                                | NA                                                                              |
|      | 5/25/2008**      |                                        | None                       | 4.40                    | 30.41                                | NA                                                                              |
|      | 3/24/2009        |                                        | 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                                                                              |
|      | 2/23/2012        |                                        | None                       | 3.62                    | 31.19                                | NA                                                                              |
|      | 8/23/2012        |                                        | None                       | 4.21                    | 30.60                                | NA                                                                              |
|      | 2/21/2013        |                                        | None                       | 3.79                    | 31.02                                | NA                                                                              |
|      | <b>8/28/2013</b> |                                        | <b>None</b>                | <b>4.33</b>             | <b>30.48</b>                         | <b>NA</b>                                                                       |

*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 | Napthalene |
|------------|------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |            | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |            | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-1       | 8/31/1999  | 310               | NA             | <1.0    | 2.4     | 1            | 1.6     | NA   |            |
|            | 11/23/1999 | 250               | NA             | <1.0    | <1.0    | <1.0         | <1.0    | NA   |            |
|            | 3/1/2000   | 310               | 62             | <1.0    | <1.0    | <1.0         | <2.0    | 687  |            |
|            | 5/17/2000  | 390               | 63             | <1.0    | <1.0    | <1.0         | <2.0    | 74   |            |
|            | 8/31/2000  | 180               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 49   |            |
|            | 12/18/2000 | 310               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 44   |            |
|            | 3/21/2001  | 240               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 17   |            |
|            | 6/7/2001   | 540               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 32   |            |
|            | 9/20/2001  | 290               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 29   |            |
|            | 2/27/2002  | <250              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 14   |            |
|            | 9/18/2002  | 230               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 30   |            |
|            | 2/6/2003   | 82                | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 17   |            |
|            | 8/26/2003  | 200               | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 9.8  |            |
|            | 2/10/2004  | 4,800             | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 6.6  |            |
|            | 8/30/2004  | <56               | <50            | <0.5    | <0.5    | <0.5         | <1.5    | 4.2  |            |
|            | 2/23/2005  | <50               | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 6.1  |            |
| *          | 11/3/2005  | 70                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | 4.5  |            |
| *          | 5/29/2006  | 89                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/12/2006 | 65                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/27/2007  | 65                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/10/2007 | 59                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/25/2008  | 60                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | 3/24/2009  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.1  |            |
|            | 8/27/2009  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.5  |            |
|            | 2/18/2010  | <94               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 8/12/2010  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.1  |            |
|            | 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 |            |
|            | 2/23/2012  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.1  |            |
|            | 8/24/2012  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 2/21/2013  | 133               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 | <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 | Napthalene |
|------------|------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |            | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |            | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-2       | 8/31/1999  | 180               | NA             | <1.0    | <1.0    | <1.0         | 1.2     | NA   |            |
|            | 11/23/1999 | 120               | NA             | <1.0    | <1.0    | <1.0         | <5.0    | NA   |            |
|            | 3/1/2000   | 510               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 81   |            |
|            | 5/17/2000  | 1,100             | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 87   |            |
|            | 8/31/2000  | 620               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 65   |            |
|            | 12/19/2000 | 830               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 70   |            |
|            | 3/21/2001  | 900               | <50            | <2.0    | <2.0    | <2.0         | <4.0    | 33   |            |
|            | 6/7/2001   | 810               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 43   |            |
|            | 9/20/2001  | 1,200             | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 35   |            |
|            | 2/27/2002  | <250              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 19   |            |
|            | 9/18/2002  | 180               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 17   |            |
|            | 2/6/2003   | 58                | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 18   |            |
|            | 8/26/2003  | 150               | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 15   |            |
|            | 2/11/2004  | <50               | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 5.2  |            |
|            | 8/30/2004  | <56               | <50            | <0.5    | <0.5    | <0.5         | <1.5    | 6.3  |            |
|            | 2/23/2005  | <50               | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 8.4  |            |
| *          | 11/3/2005  | 110               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | 4.9  |            |
| *          | 5/29/2006  | 70                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/16/2006 | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/27/2007  | 75                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/10/2007 | 62                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/25/2008  | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | 3/24/2009  | <97               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 2.9  |            |
|            | 8/27/2009  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 2.4  |            |
|            | 2/18/2010  | <130              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 2.5  |            |
|            | 8/12/2010  | <94               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 2.1  |            |
|            | 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  |            |
|            | 2/24/2012  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.5  |            |
|            | 8/24/2012  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.1  |            |
|            | 2/22/2013  | 119               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.1  | <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 | Napthalene |
|------------|--------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |              | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |              | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-3       | 8/31/1999    | 2,700             | NA             | <1.0    | <1.0    | <1.0         | <1.0    | NA   |            |
|            | 11/23/1999   | 640               | NA             | <1.0    | <1.0    | <1.0         | <1.0    | NA   |            |
|            | 3/1/2000     | <250              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 5/17/2000    | 620               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 8/31/2000    | 1,800             | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 12/18/2000   | NA                | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 3/21/2001    | 1,700             | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 6/7/2001     | 770               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 9/21/2001    | 260               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 2/27/2002    | 560               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 9/18/2002    | 340               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 2/6/2003     | <50               | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 3.9  |            |
|            | 8/26/2003    | 5,800             | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 4.9  |            |
|            | 2/11/2004    | <50               | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 3.4  |            |
|            | 8/30/2004    | <56               | <50            | <0.5    | <0.5    | <0.5         | 1.5     | 4    |            |
|            | 2/23/2005    | <50               | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 5.4  |            |
|            | * 11/3/2005  | 180               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | 3.2  |            |
|            | * 5/29/2006  | 180               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | * 11/16/2006 | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | * 5/27/2007  | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | * 11/10/2007 | 730               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | * 5/25/2008  | 910               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | 3/25/2009    | <110              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 8/27/2009    | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 2/18/2010    | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 8/13/2010    | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 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 |            |
|            | 2/23/2012    | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 8/23/2012    | <97               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 2/21/2013    | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 | <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 | Napthalene |
|------------|------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |            | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |            | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-4       | 8/31/1999  | <50               | NA             | <1.0    | <1.0    | <1.0         | 1.6     | NA   |            |
|            | 11/23/1999 | <50               | NA             | <1.0    | <1.0    | <1.0         | <1.0    | NA   |            |
|            | 3/1/2000   | <250              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 5/17/2000  | 80                | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 8/31/2000  | <250              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 12/18/2000 | <250              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 3/20/2001  | <250              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 6/7/2001   | <250              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
| *          | 11/3/2005  | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | 4.1  |            |
| *          | 5/29/2006  | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/16/2006 | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/27/2007  | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/10/2007 | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/25/2008  | <50               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | 3/25/2009  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.0  |            |
|            | 8/27/2009  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 2/18/2010  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 8/13/2010  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 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 |            |
|            | 2/23/2012  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 8/23/2012  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 2/21/2013  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 | <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 | Napthalene |
|------------|------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |            | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |            | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-5       | 8/31/1999  | 250               | NA             | <1.0    | <1.0    | <1.0         | 1       | NA   |            |
|            | 11/23/1999 | 300               | NA             | <1.0    | <1.0    | <1.0         | <5.0    | NA   |            |
|            | 3/1/2000   | 340               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 100  |            |
|            | 5/17/2000  | 230               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 86   |            |
|            | 8/31/2000  | 220               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 59   |            |
|            | 12/18/2000 | 360               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 57   |            |
|            | 3/20/2001  | 250               | <50            | <5.0    | <5.0    | <5.0         | <10     | 87   |            |
|            | 6/7/2001   | 600               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 74   |            |
| *          | 11/3/2005  | 1,500             | <50            | <0.5    | <0.5    | <0.5         | <0.5    | 5.7  |            |
| *          | 5/29/2006  | 200               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/12/2006 | 130               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/27/2007  | 180               | 140            | <0.5    | <0.5    | <0.5         | <0.5    | <10  |            |
| *          | 11/10/2007 | 110               | 170            | <0.5    | <0.5    | 0.59         | 1.3     | <10  |            |
| *          | 5/25/2008  | 200               | 82             | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | 3/25/2009  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.1  |            |
|            | 8/28/2009  | <95               | 435            | <1.0    | <1.0    | <1.0         | <2.0    | 3.6  |            |
|            | 2/18/2010  | <94               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.9  |            |
|            | 8/12/2010  | 119               | 450            | <1.0    | <1.0    | <1.0         | <2.0    | 2.8  |            |
|            | 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  |            |
|            | 2/23/2012  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.4  |            |
|            | 8/24/2012  | <100              | 122            | <1.0    | <1.0    | <1.0         | <2.0    | 1.1  |            |
|            | 2/21/2013  | 191               | 454            | <1.0    | <1.0    | <1.0         | <2.0    | 1.2  | <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           | Napthalene     |
|------------|------------------|-------------------|----------------|------------|----------------|----------------|----------------|----------------|----------------|
| MCL (ug/l) |                  | None              | None           | 1.0        | 150            | 300            | 1750           | 13             |                |
| ESL (ug/l) |                  | 100               | 100            | 1.0        | 40             | 30             | 20             | 5              |                |
| MW-6       | 8/31/1999        | 140,000           | NA             | 77         | 18             | 31             | 49             | NA             |                |
|            | 11/23/1999       | 6,100             | NA             | 45         | 14             | 6.9            | 48             | NA             |                |
|            | 3/1/2000         | 22,000            | 2,800          | 6.8        | <2.0           | <2.0           | <10            | <5.0           |                |
|            | 5/17/2000        | 1,800             | 6,200          | 77         | 16             | 39             | 37             | <5.0           |                |
|            | 8/31/2000        | 76,000            | 5,300          | 60         | 13             | 43             | 45.7           | <5.0           |                |
|            | 12/19/2000       | 6,300             | 1,300          | 26.0       | 4.9            | 8.4            | 11.5           | <5.0           |                |
|            | 3/21/2001        | 5,100             | 1,900          | 49.0       | 9.5            | 13             | 12             | <10            |                |
|            | 6/7/2001         | 14,000            | 2,600          | 47.0       | 10             | 13             | 19             | <10            |                |
|            | 9/21/2001        | 15,000            | 4,000          | 180        | 14             | 24             | 40             | <50            |                |
|            | 2/27/2002        | 43,000            | 5,000          | 68         | 16             | 52             | 41.8           | <25            |                |
|            | 9/18/2002        | 320,000           | 2,000          | 74         | 7.3            | 22             | 25             | <5.0           |                |
|            | 2/6/2003         | 4,300             | 2,600          | 63         | 8.2            | 18             | 15             | <1.0           |                |
|            | 8/26/2003        | 68,000            | 6,500          | 110        | 16             | 44             | 42             | <10            |                |
|            | 2/10/2004        | 19,000            | 3,500          | 37         | 4.9            | 24             | 15             | <5             |                |
|            | 8/30/2004        | <56               | <50            | 86         | 7.8            | 15             | 27             | <5             |                |
|            | 2/23/2005        | 4,930             | 687            | 7.9        | 2              | 0.9            | 4.3            | <0.5           |                |
| *          | 11/3/2005        | 2,000             | 750            | 13         | 1.9            | 2.9            | 4.6            | 1.4            |                |
| *          | 5/29/2006        | 12,000            | 2,700          | 55         | 5.7            | 16             | 26             | <15            |                |
| *          | 11/16/2006       | 2,100             | 530            | 12         | 0.82           | 0.58           | 2.8            | <5.0           |                |
| *          | 5/27/2007        | 2,500             | 5,200          | 110        | 5.1            | 23             | 17             | <60            |                |
| *          | 11/10/2007       | 9,300             | 2,100          | 30         | <1.7           | 3.9            | 4              | <17            |                |
| *          | 5/25/2008        | 20,000            | 5,000          | 88         | <2.5           | 31             | 14             | <25            |                |
|            | 3/25/2009        | 2,610             | 785            | 8.9        | <2.0           | 2.9            | <4.0           | <2.0           |                |
|            | 8/28/2009        | 4,080             | 5,160          | 112        | <10            | 27.1           | 21.5           | <10            |                |
|            | 2/19/2010        | 2,330             | 1,790          | 39.8       | 4.9            | 8.2            | 8.3            | <2.0           |                |
|            | 8/12/2010        | 2,080             | 502            | 9.8        | 1.0            | 1.9            | <2.0           | <1.0           |                |
|            | 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           |                |
|            | 2/23/2012        | 12,100            | 1,770          | 29.8       | <5.0           | 5.3            | <10.0          | <5.0           |                |
|            | 8/24/2012        | 4,230             | 2,660          | 39.3       | 6.3            | 8.0            | 10.1           | <5.0           |                |
|            | 2/21/2013        | 2,840             | 574            | 3.2        | <1.0           | <1.0           | <2.0           | <1.0           | <5.0           |
|            | <b>8/28/2013</b> | <b>2,220</b>      | <b>396</b>     | <b>1.6</b> | <b>&lt;1.0</b> | <b>&lt;1.0</b> | <b>&lt;2.0</b> | <b>&lt;1.0</b> | <b>&lt;5.0</b> |

**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           | Napthalene     |
|------------|------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| MCL (ug/l) |                  | None              | None           | 1.0            | 150            | 300            | 1750           | 13             |                |
| ESL (ug/l) |                  | 100               | 100            | 1.0            | 40             | 30             | 20             | 5              |                |
| MW-7       | 8/31/1999        | 1,400             | NA             | <1.0           | 2.9            | 2.3            | 2.7            | NA             |                |
|            | 11/23/1999       | 530               | NA             | <1.0           | <1.0           | <1.0           | <1.0           | NA             |                |
|            | 3/1/2000         | 640               | 860            | <1.0           | <1.0           | <1.0           | <2.0           | <20            |                |
|            | 5/17/2000        | 430               | 410            | <1.0           | <1.0           | <1.0           | <2.0           | 9.5            |                |
|            | 8/31/2000        | 950               | 1100           | <1.0           | <1.0           | <1.0           | <2.0           | <5.0           |                |
|            | 12/18/2000       | 1,100             | 820            | <1.0           | <1.0           | <1.0           | <2.0           | <5.0           |                |
|            | 3/20/2001        | 770               | 1000           | <1.0           | 1.4            | <1.0           | <2.0           | <5.0           |                |
|            | 6/7/2001         | 1,400             | 870            | <1.0           | <1.0           | <1.0           | <2.0           | <5.0           |                |
|            | 9/21/2001        | 940               | 1000           | <1.0           | <1.0           | <2.0           | <5.0           | <5.0           |                |
|            | 2/27/2002        | 430               | 930            | <1.0           | <1.0           | <1.0           | <2.0           | <5.0           |                |
|            | 9/18/2002        | 440               | 870            | <1.0           | <1.0           | <1.0           | <2.0           | <5.0           |                |
|            | 2/6/2003         | 230               | 890            | <0.5           | <0.5           | <0.5           | <1.0           | 1.6            |                |
|            | 8/26/2003        | 470               | 590            | <0.5           | <0.5           | <0.5           | <1.0           | 1.5            |                |
|            | 2/11/2004        | 140               | 690            | <0.5           | 1.9            | 0.57           | 1.0            | 1.1            |                |
|            | 8/30/2004        | <56               | 200            | <0.5           | <0.5           | <0.5           | <1.5           | 1.5            |                |
|            | 2/23/2005        | 290               | 283            | <0.5           | <0.5           | <0.5           | <1.0           | 1.1            |                |
| *          | 11/3/2005        | 140               | 310            | <0.5           | <0.5           | <0.5           | <0.5           | 2.3            |                |
| *          | 5/29/2006        | 120               | 260            | <0.5           | <0.5           | <0.5           | <0.5           | <5.0           |                |
| *          | 11/12/2006       | 96                | 120            | <0.5           | <0.5           | <0.5           | 0.76           | <5.0           |                |
| *          | 5/27/2007        | 220               | 700            | <0.5           | <0.5           | 1.0            | 2.0            | <5.0           |                |
| *          | 11/10/2007       | 150               | 220            | <0.5           | <0.5           | <0.5           | 1.0            | <5.0           |                |
| *          | 5/25/2008        | 270               | 620            | 0.81           | <0.5           | 0.85           | 1.8            | <10            |                |
|            | 3/25/2009        | <99               | 529            | <1.0           | <1.0           | <1.0           | <2.0           | <1.0           |                |
|            | 8/28/2009        | <95               | 205            | <1.0           | <1.0           | <1.0           | <2.0           | 1.3            |                |
|            | 2/19/2010        | <100              | 173            | <1.0           | <1.0           | <1.0           | <2.0           | <1.0           |                |
|            | 8/13/2010        | 111               | 475            | <1.0           | <1.0           | <1.0           | <2.0           | <1.0           |                |
|            | 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            |                |
|            | 2/24/2012        | 121               | 288            | <1.0           | <1.0           | <1.0           | <2.0           | <1.0           |                |
|            | 8/23/2012        | <100              | 360            | <1.0           | <1.0           | <1.0           | <2.0           | <1.0           |                |
|            | 2/22/2013        | 190               | 351            | <1.0           | <1.0           | <1.0           | <2.0           | <1.0           | <5.0           |
|            | <b>8/28/2013</b> | <b>3,660</b>      | <b>223</b>     | <b>&lt;1.0</b> | <b>&lt;1.0</b> | <b>&lt;1.0</b> | <b>&lt;2.0</b> | <b>&lt;1.0</b> | <b>&lt;5.0</b> |

**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 | Napthalene |
|------------|------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |            | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |            | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-8       | 8/31/1999  | 230               | NA             | <1.0    | <1.0    | 1.2          | <1.0    | NA   |            |
|            | 11/23/1999 | 220               | NA             | <1.0    | <1.0    | <1.0         | <1.0    | NA   |            |
|            | 3/1/2000   | 260               | 150            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 5/17/2000  | 660               | 310            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 8/31/2000  | 460               | 300            | <1.0    | <1.0    | <1.0         | 1.4     | <5.0 |            |
|            | 12/18/2000 | 370               | 230            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 3/20/2001  | 1,700             | 64             | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 6/7/2001   | 1,300             | 180            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
| *          | 11/3/2005  | 280               | 150            | <0.5    | <0.5    | <0.5         | <0.5    | 0.69 |            |
| *          | 5/29/2006  | 150               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/12/2006 | <50               | 95             | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/27/2007  | 140               | 140            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/10/2007 | 160               | 240            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/25/2008  | 160               | 230            | <0.5    | <0.5    | <0.5         | 0.61    | <5.0 |            |
|            | 3/25/2009  | <95               | 72.8           | <1.0    | <1.0    | <1.0         | <2.0    | 1.2  |            |
|            | 8/28/2009  | <95               | 62.1           | <1.0    | <1.0    | <1.0         | <2.0    | 1.0  |            |
|            | 2/19/2010  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.1  |            |
|            | 8/12/2010  | 97.6              | 54.1           | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 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 |            |
|            | 2/24/2012  | <100              | 106            | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 8/23/2012  | <96               | 59.0           | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 |            |
|            | 2/22/2013  | 162.0             | 54.1           | <1.0    | <1.0    | <1.0         | <2.0    | <1.0 | <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 | Napthalene |
|------------|------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |            | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |            | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-9       | 8/31/1999  | 2,800             | NA             | <1.0    | <1.0    | <1.0         | 1.1     | NA   |            |
|            | 11/23/1999 | 1,300             | NA             | <1.0    | <1.0    | <1.0         | <1.0    | NA   |            |
|            | 3/1/2000   | 510               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 5/17/2000  | 990               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 8/31/2000  | 1,100             | <50            | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 12/18/2000 | 1,900             | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 5.9  |            |
|            | 3/20/2001  | 1,500             | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 5.5  |            |
|            | 6/7/2001   | 590               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 8.1  |            |
|            | 9/20/2001  | 790               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 8.5  |            |
|            | 2/27/2002  | 650               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 9.5  |            |
|            | 9/18/2002  | 480               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 6.2  |            |
|            | 2/6/2003   | 54                | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 5.5  |            |
|            | 8/26/2003  | 1,300             | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 6.6  |            |
|            | 2/10/2004  | 6,200             | 250            | <0.5    | <0.5    | <0.5         | <1.0    | 4.4  |            |
|            | 8/30/2004  | <50               | <50            | <0.5    | <0.5    | <0.5         | <1.5    | 3.6  |            |
|            | 2/23/2005  | <0.5              | <50            | <0.5    | <0.5    | <0.5         | <1.0    | 6.0  |            |
| *          | 11/3/2005  | 470               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | 4.8  |            |
| *          | 5/29/2006  | 190               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | 5.2  |            |
| *          | 11/12/2006 | 65                | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/27/2007  | 1,000             | <50            | <0.5    | 0.92    | <0.5         | <0.5    | <5.0 |            |
| *          | 11/10/2007 | 930               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
| *          | 5/25/2008  | 740               | <50            | <0.5    | <0.5    | <0.5         | <0.5    | <5.0 |            |
|            | 3/25/2009  | <390              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 3.5  |            |
|            | 8/28/2009  | <480              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 3.7  |            |
|            | 2/19/2010  | <190              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 3.7  |            |
|            | 8/12/2010  | <94               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 3.4  |            |
|            | 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  |            |
|            | 2/24/2012  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.9  |            |
|            | 8/23/2012  | <.94              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 2.0  |            |
|            | 2/22/2013  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.2  | <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           | Napthalene     |
|------------|------------------|-------------------|----------------|----------------|---------------------|----------------|----------------|----------------|----------------|
| MCL (ug/l) |                  | None              | None           | 1.0            | 150                 | 300            | 1750           | 13             |                |
| ESL (ug/l) |                  | 100               | 100            | 1.0            | 40                  | 30             | 20             | 5              |                |
| MW-10      | 8/31/1999        | 1,100             | NA             | <1.0           | 1.2                 | 2.0            | <1.0           | NA             |                |
|            | 11/23/1999       | 1,200             | NA             | <1.0           | <1.0                | <1.0           | <1.0           | NA             |                |
|            | 3/1/2000         | 1,300             | 540            | <1.0           | <1.0                | <1.0           | <2.0           | NA             |                |
|            | 5/17/2000        | 990               | 460            | <1.0           | <1.0                | <1.0           | <2.0           | 6.9            |                |
|            | 8/31/2000        | 840               | 320            | <1.0           | <1.0                | <1.0           | <2.0           | 25             |                |
|            | 12/18/2000       | 900               | 290            | <1.0           | <1.0                | <1.0           | <2.0           | <9.0           |                |
|            | 3/21/2001        | 620               | 220            | <1.0           | <1.0                | <1.0           | <2.0           | <5.0           |                |
|            | 6/7/2001         | 1,300             | 360            | <1.0           | <1.0                | <1.0           | <2.0           | 15             |                |
|            | 9/20/2001        | 1,000             | 350            | <1.0           | <1.0                | <1.0           | <2.0           | 44             |                |
|            | 2/27/2002        | 610               | 150            | <1.0           | <1.0                | <1.0           | <2.0           | <5.0           |                |
|            | 9/18/2002        | 850               | 240            | <1.0           | 1.2                 | <1.0           | <2.0           | 20             |                |
|            | 2/6/2003         | 510               | 200            | <0.5           | <0.5                | <0.5           | <1.0           | 2.8            |                |
|            | 8/26/2003        | 1,100             | 250            | <0.5           | <0.5                | <0.5           | <1.0           | 14             |                |
|            | 2/10/2004        | 260               | 190            | <0.5           | <0.5                | <0.5           | <1.0           | 1.6            |                |
|            | 8/30/2004        | 310               | 240            | <0.5           | <0.5                | <0.5           | <1.5           | 6.7            |                |
|            | 2/23/2005        | 310               | 207            | <0.5           | 0.7                 | 1.4            | 1.3            | <0.5           |                |
| *          | 11/3/2005        | 600               | 300            | <0.5           | <0.5                | <0.5           | <0.5           | 4.1            |                |
| *          | 5/29/2006        | 540               | 140            | <0.5           | <0.5                | <0.5           | <0.5           | <5.0           |                |
| *          | 11/16/2006       |                   |                |                | Well Not Accessible |                |                |                |                |
| *          | 2/24/2007        | 970               | 190            | <0.5           | <0.5                | <0.5           | <0.5           | <5.0           |                |
| *          | 5/27/2007        | 850               | 330            | <0.5           | <0.5                | <0.5           | <0.5           | <5.0           |                |
| *          | 11/10/2007       | 1,200             | 420            | <0.5           | <0.5                | <0.5           | <0.5           | <5.0           |                |
| *          | 5/28/2008        | 930               | 330            | <0.5           | <0.5                | 0.92           | 1.1            | <5.0           |                |
|            | 3/25/2009        | 948               | 173            | <1.0           | <1.0                | <1.0           | <2.0           | <1.0           |                |
|            | 8/28/2009        | 547               | 389            | <1.0           | <1.0                | <1.0           | <2.0           | 1.6            |                |
|            | 2/19/2010        | 398               | 72.9           | <1.0           | <1.0                | <1.0           | <2.0           | <1.0           |                |
|            | 8/13/2010        | 966               | 266            | <1.0           | <1.0                | <1.0           | <2.0           | 1.2            |                |
|            | 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           |                |
|            | 2/24/2012        | 6,590             | 163            | <1.0           | <1.0                | <1.0           | <2.0           | <1.0           |                |
|            | 8/24/2012        | 1,330             | 260            | <1.0           | <1.0                | <1.0           | <2.0           | <1.0           |                |
|            | 2/25/2013        | 3,020             | 263            | <1.0           | <1.0                | <1.0           | <2.0           | <1.0           | <5.0           |
|            | <b>8/28/2013</b> | <b>3,280</b>      | <b>255</b>     | <b>&lt;1.0</b> | <b>&lt;1.0</b>      | <b>&lt;1.0</b> | <b>&lt;2.0</b> | <b>&lt;1.0</b> | <b>&lt;5.0</b> |

**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 | Napthalene |
|------------|------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |            | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |            | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-11      | 9/20/2001  | 460               | 88             | <1.0    | <1.0    | <1.0         | <2.0    | <5.0 |            |
|            | 12/14/2001 | 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 |            |

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

| <b>Well</b>       | <b>Date</b>      | <b>TPH-8015 (diesel)</b> | <b>TPH-8015 (gas)</b> | <b>Benzene</b> | <b>Toluene</b> | <b>Ethylbenzene</b> | <b>Xylenes</b> | <b>MTBE</b>    | <b>Napthalene</b> |
|-------------------|------------------|--------------------------|-----------------------|----------------|----------------|---------------------|----------------|----------------|-------------------|
| <b>MCL (ug/l)</b> |                  | <b>None</b>              | <b>None</b>           | <b>1.0</b>     | <b>150</b>     | <b>300</b>          | <b>1750</b>    | <b>13</b>      |                   |
| <b>ESL (ug/l)</b> |                  | <b>100</b>               | <b>100</b>            | <b>1.0</b>     | <b>40</b>      | <b>30</b>           | <b>20</b>      | <b>5</b>       |                   |
| MW-11 cont'd.     | 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           |                   |
|                   | 2/23/2012        | <100                     | <50                   | <1.0           | <1.0           | <1.0                | <2.0           | <1.0           |                   |
|                   | 8/23/2012        | <100                     | <50                   | <1.0           | <1.0           | <1.0                | <2.0           | <1.0           |                   |
|                   | 2/22/2013        | 114                      | <50                   | <1.0           | <1.0           | <1.0                | <2.0           | <1.0           | <5.0              |
|                   | <b>8/28/2013</b> | <b>&lt;100</b>           | <b>&lt;50</b>         | <b>&lt;1.0</b> | <b>&lt;1.0</b> | <b>&lt;1.0</b>      | <b>&lt;2.0</b> | <b>&lt;1.0</b> | <b>&lt;5.0</b>    |

**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 | Napthalene |
|------------|------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |            | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |            | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-12      | 9/20/2001  | 540               | 960            | <1.0    | <1.0    | <2.0         | <5.0    | 11   |            |
|            | 12/14/2001 | 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  |            |

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

| <b>Well</b>       | <b>Date</b> | <b>TPH-8015 (diesel)</b> | <b>TPH-8015 (gas)</b> | <b>Benzene</b> | <b>Toluene</b> | <b>Ethylbenzene</b> | <b>Xylenes</b> | <b>MTBE</b> | <b>Napthalene</b> |
|-------------------|-------------|--------------------------|-----------------------|----------------|----------------|---------------------|----------------|-------------|-------------------|
| <b>MCL (ug/l)</b> |             | <b>None</b>              | <b>None</b>           | <b>1.0</b>     | <b>150</b>     | <b>300</b>          | <b>1750</b>    | <b>13</b>   |                   |
| <b>ESL (ug/l)</b> |             | <b>100</b>               | <b>100</b>            | <b>1.0</b>     | <b>40</b>      | <b>30</b>           | <b>20</b>      | <b>5</b>    |                   |
| MW-12 cont'd.     | 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         |                   |
|                   | 2/24/2012   | <100                     | <50                   | <1.0           | <1.0           | <1.0                | <2.0           | 8.4         |                   |
|                   | 8/24/2012   | <100                     | 72.4                  | <1.0           | <1.0           | <1.0                | <2.0           | 3.5         |                   |
|                   | 2/25/2013   | <98                      | <50                   | <1.0           | <1.0           | <1.0                | <2.0           | 5.1         | <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 | Napthalene |
|------------|------------|-------------------|----------------|---------|---------|--------------|---------|------|------------|
| MCL (ug/l) |            | None              | None           | 1.0     | 150     | 300          | 1750    | 13   |            |
| ESL (ug/l) |            | 100               | 100            | 1.0     | 40      | 30           | 20      | 5    |            |
| MW-14      | 3/25/2009  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 5.8  |            |
|            | 6/11/2009  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 6.9  |            |
|            | 8/28/2009  | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 7.7  |            |
|            | 11/24/2009 | <96               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 5.4  |            |
|            | 2/19/2010  | <94               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 7.5  |            |
|            | 5/12/2010  | 209               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 6.3  |            |
|            | 8/13/2010  | <96               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 7.6  |            |
|            | 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  |            |
|            | 2/23/2012  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 8.6  |            |
|            | 8/24/2012  | <96               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 6.9  |            |
| 2/22/2013  | 117        | <50               | <1.0           | <1.0    | <1.0    | <2.0         | 7.9     | <5.0 |            |
| 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  |            |
|            | 2/23/2012  | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 8.1  |            |
|            | 8/24/2012  | <94               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 1.8  |            |
| 2/22/2013  | 152        | <50               | <1.0           | <1.0    | <1.0    | <2.0         | <1.0    | <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  | Napthalene |
|--------------|-------------|-------------------|----------------|---------|---------|--------------|---------|-------|------------|
| MCL (ug/l)   |             | None              | None           | 1.0     | 150     | 300          | 1750    | 13    |            |
| ESL (ug/l)   |             | 100               | 100            | 1.0     | 40      | 30           | 20      | 5     |            |
| MW-16        | 3/24/2009   | <96               | 62.9           | <1.0    | <1.0    | <1.0         | <2.0    | 10.3  |            |
|              | 6/11/2009   | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 7.2   |            |
|              | 8/28/2009   | <96               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 7.8   |            |
|              | 11/24/2009  | <96               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 6.3   |            |
|              | 2/19/2010   | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 7.4   |            |
|              | 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   |            |
|              | 2/23/2012   | <100              | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 4.2   |            |
|              | 8/24/2012   | <95               | <50            | <1.0    | <1.0    | <1.0         | <2.0    | 4.3   |            |
| 2/22/2013    | <100        | <50               | <1.0           | <1.0    | <1.0    | <2.0         | 4.1     | <5.0  |            |
| W-1          | 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   |            |
|              | 5/16/2002   | 520               | 150            | <1.0    | <1.0    | <1.0         | <2.0    | 8.7   |            |
|              | 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     |       |            |



**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          | Napthalene    |
|-------------|------------------|-------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| MCL (ug/l)  |                  | None              | None           | 1.0           | 150           | 300           | 1750          | 13            |               |
| ESL (ug/l)  |                  | 100               | 100            | 1.0           | 40            | 30            | 20            | 5             |               |
| W-1 cont'd. | 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          |               |
|             | 2/24/2012        | 985               | 4,830          | 9.0           | <5.0          | 6.2           | 14.8          | <5.0          |               |
|             | 8/24/2012        | 373               | 3,480          | <10           | <10           | <10           | <20           | <10           |               |
|             | 2/22/2013        | 765               | 6,900          | 10.2          | <10           | <10           | <20           | <10           | <50           |
|             | <b>8/28/2013</b> | <b>1,250</b>      | <b>2,220</b>   | <b>&lt;10</b> | <b>&lt;10</b> | <b>&lt;10</b> | <b>&lt;20</b> | <b>&lt;10</b> | <b>&lt;50</b> |
| 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      | Napthalene |
|-------------------|--------------|-------------------|----------------|------------|------------|--------------|-------------|-----------|------------|
| <b>MCL (ug/l)</b> |              | <b>None</b>       | <b>None</b>    | <b>1.0</b> | <b>150</b> | <b>300</b>   | <b>1750</b> | <b>13</b> |            |
| <b>ESL (ug/l)</b> |              | <b>100</b>        | <b>100</b>     | <b>1.0</b> | <b>40</b>  | <b>30</b>    | <b>20</b>   | <b>5</b>  |            |
| 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  
ANALYTICAL RESULTS FOR 2013 SOIL BORING SAMPLES  
AC Transit Facility  
1177 47th Street, Emeryville, California

| Sample Name         | Depth | TPH-D      | TPH-MO       | Naphthalene | PAHs           | Standard List  |           |            |           |            |            |
|---------------------|-------|------------|--------------|-------------|----------------|----------------|-----------|------------|-----------|------------|------------|
|                     |       |            |              |             |                | VOCs           | Cadmium   | Chromium   | Lead      | Nickel     | Zinc       |
| <i>ESLs (mg/kg)</i> |       | <i>100</i> | <i>500</i>   | <i>1.2</i>  | <i>Various</i> | <i>Various</i> | <i>12</i> | <i>750</i> | <i>80</i> | <i>150</i> | <i>600</i> |
| SB-22 5'            | 5'    | <12        | NS           | <0.0049     | <0.20          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-22 11'           | 11'   | <12        | NS           | <0.0049     | <0.21          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-22 20'           | 20'   | <12        | NS           | <0.0049     | <0.20          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-23 5'            | 5'    | <12        | NS           | <0.0052     | <0.20          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-23 12'           | 12'   | <b>143</b> | NS           | <2.1        | <0.21          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-23 20'           | 20'   | <12        | NS           | <0.0045     | <0.20          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-24 5'            | 5'    | NS         | NS           | <0.0078     | NS             | ND             | <0.88     | 37.6       | 3.4       | 67.3       | 31.8       |
| SB-25 5'            | 5'    | NS         | <24          | <0.0049     | <0.21          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-25 8'            | 8'    | NS         | <25          | <3.4        | <0.21          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-25 25'           | 25'   | NS         | <23          | <0.0050     | <0.20          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-26 5'            | 5'    | NS         | 29.1         | <0.0045     | <0.19          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-26 8'            | 8'    | NS         | <b>3,300</b> | <0.79       | <0.21          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-26 20'           | 20'   | NS         | <26          | <0.0059     | <0.22          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-27 5'            | 5'    | <12        | NS           | <8.0        | <0.20          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-27 11'           | 11'   | <12        | NS           | <0.38       | <0.20          | NS             | NS        | NS         | NS        | NS         | NS         |
| SB-27 20'           | 20'   | <13        | NS           | <0.0052     | <0.21          | NS             | NS        | NS         | NS        | NS         | NS         |

Notes:

TPH-D: total petroleum hydrocarbons as diesel

TPG-G: total petroleum hydrocarbons as gasoline

TPH-MO: total petroleum hydrocarbons as motor oil (same range as hydraulic fluid)

ESL: Environmental Screening Level (Residential Use)

PAHs: poly aromatic hydrocarbons

All results reported in mg/kg on a dry weight basis

ND: No concentrations in excess of their respective detection limits

TABLE 4  
Historic Soil Data (mg/kg)  
AC Transit Facility  
1177, 47th Street, Emeryville, California

| Well/Boring Identification | Installation Date | Sample Depth (ft)      | Field Observation | OVM Reading | Diesel Concentration | Gasoline Concentration | Motor Oil Concentration | Benzene Concentration | Toluene Concentration | Ethyl Benzene Concentration | Total Xylenes Concentrations | MTBE Concentrations |    |
|----------------------------|-------------------|------------------------|-------------------|-------------|----------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------------|------------------------------|---------------------|----|
| W-1                        | Sep-87            | 0-10                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 10-20                  | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 20-25                  | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  | NA |
|                            |                   | 25-35                  | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  | NA |
|                            |                   | 35-45                  | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  | NA |
| W-2                        | Sep-87            | Well Log not available |                   |             |                      |                        |                         |                       |                       |                             |                              |                     |    |
| W-3                        | Sep-87            | 0-25                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 25-30                  | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 30-31.5                | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| W-4                        | Sep-87            | Well Log not available |                   |             |                      |                        |                         |                       |                       |                             |                              |                     |    |
| MW-1                       | Apr-89            | 1-7                    | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 7-12                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-2                       | Apr-89            | 0-11                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-3                       | Apr-89            | 0-13                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-4                       | Apr-89            | 0-12                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-5                       | Apr-89            | 0-10                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 10-12                  | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-6                       | Apr-89            | 0-3.5                  | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 3.5-11                 | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-7                       | Apr-89            | 0-9                    | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 9-17                   | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-8                       | Apr-89            | 0-12                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-9                       | Apr-89            | 0-12                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-10                      | Apr-89            | 0-5                    | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 5-18                   | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-11                      | Sep-01            | 0-15                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 15-17                  | H Odor            | 5.2         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-12                      | Sep-01            | 0-6.5                  | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 6.5-16.5               | H Odor            | 6.2         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 16.5-30                | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-13                      | Sep-01            | 0-7.5                  | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 7.5-11                 | H Odor            | 17.5        | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 11-25                  | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-14                      | Unknown           | Well Log not available |                   |             |                      |                        |                         |                       |                       |                             |                              |                     |    |
| MW-15                      | Feb-09            | 10-11                  | H Odor            | 43.0        | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 19.5                   |                   | 3.2         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| MW-16                      | Feb-09            | 6                      |                   | 44.0        | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 17                     |                   | 0.7         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-1a                      | Jan-01            | 15-16                  | No odor           | NA          | <1.0                 | NA                     | <10                     | <.10                  | <.10                  | <.10                        | <.10                         | <.10                |    |
| SB-2a                      | Jan-01            | 9-10                   | H Odor            | NA          | 6.4                  | NA                     | <10                     | <.10                  | 0.73                  | 0.24                        | <.10                         | <.10                |    |
| SB-3a                      | Jan-01            | 11-12                  | H Odor            | 5.0         | 2.1                  | NA                     | <10                     | <.10                  | <.10                  | <.10                        | <.10                         | <.10                |    |
| SB-4a                      | Jan-01            | 11-12                  | No odor           | NA          | <1.0                 | NA                     | <10                     | <.10                  | <.10                  | <.10                        | <.10                         | <.10                |    |
| SB-6a                      | Jan-01            | 5.5-8                  | H Odor            | 1.6         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 8-21                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 21-22                  | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-7a                      | Jan-01            | 7.5-8                  | H Odor            | 17.1        | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 11                     | No odor           | 3.2         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-8a                      | Jan-01            | 11.5-12                | H Odor            | 4.0         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-1b                      | Feb-03            | 7-8.5                  | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-2b                      | Feb-03            | 7-8                    | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-3b                      | Feb-03            | 7-8.5                  | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-4b                      | Feb-03            | 7-8.5                  | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 14-15.5                | H Odor            | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-6b                      | Feb-03            | 0-20                   | No odor           | NA          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-7b                      | Oct-03            | 0-9                    | No odor           | <1          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 9-19                   | No odor           | 1.8-9.8     | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-8b                      | Oct-03            | 19-24                  | No odor           | <1          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 0-7                    | No odor           | <1          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 7-16                   |                   | 72-687      | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-9b                      | Oct-03            | 0-8                    | No odor           | <1          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 8-24                   |                   | 9.2-97      | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-10b                     | Oct-03            | 0-24                   | No odor           | <1-1.4      | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           |                     |    |
| SB-11b                     | Oct-03            | 4-5                    | No odor           | <1          | 1.6                  | <2.5                   | NA                      | <0.025                | <0.025                | <0.025                      | <0.05                        | <0.25               |    |
|                            |                   | 8-9                    | No odor           | <1          | 1.2                  | <2.5                   | NA                      | <0.025                | <0.025                | <0.025                      | <0.05                        | <0.25               |    |
| SB-12b                     | Oct-03            | 5                      |                   | 48          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 8-9                    |                   | 13.0        | 37                   | 5.2                    | NA                      | <0.025                | <0.025                | <0.025                      | <0.05                        | <0.25               |    |
| SB-13b                     | Oct-03            | 4-17                   |                   | 9.7-16.4    | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 17-22                  |                   | <1          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
| SB-14b                     | Oct-03            | 22                     |                   | 8.9         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 0-11                   |                   | <1          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 11-21                  |                   | 462-608     | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |    |
|                            |                   | 26                     |                   | <1          | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           |                     |    |

TABLE 4  
Historic Soil Data (mg/kg)  
AC Transit Facility  
1177, 47th Street, Emeryville, California

| Well/Boring Identification | Installation Date | Sample Depth (ft) | Field Observation | OVM Reading | Diesel Concentration | Gasoline Concentration | Motor Oil Concentration | Benzene Concentration | Toluene Concentration | Ethyl Benzene Concentration | Total Xylenes Concentrations | MTBE Concentrations |
|----------------------------|-------------------|-------------------|-------------------|-------------|----------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------------|------------------------------|---------------------|
| SB-15                      | Dec-08            | 10                |                   | 4.3         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
|                            |                   | 20.5-21           |                   | 0.8         | <10                  | <0.1                   | <20                     | <0.005                | <0.005                | <0.005                      | <0.010                       | <0.005              |
| SB-16                      | Dec-08            | 17.5-18           |                   | 0.6         | <10                  | <0.1                   | <20                     | <0.005                | <0.005                | <0.005                      | <0.010                       | <0.005              |
| SB-17                      | Dec-08            | 22.5-23           |                   | 0.4         | <10                  | <0.099                 | <20                     | <0.005                | <0.005                | <0.005                      | <0.010                       | <0.005              |
| SB-18                      | Dec-08            | 10-10.5           | H Odor            | 30.5        | 22.2                 | 1.02                   | <20                     | <0.005                | <0.005                | <0.005                      | <0.010                       | <0.005              |
|                            |                   | 19.5-20           |                   | 1.3         | <10                  | <0.098                 | <20                     | <0.005                | <0.005                | <0.005                      | <0.010                       | <0.005              |
| SB-19                      | Dec-08            | 10                |                   | 6.8         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
|                            |                   | 19-19.5           |                   | 0.4         | <10                  | <0.099                 | <20                     | <0.005                | <0.005                | <0.005                      | <0.010                       | <0.005              |
| SB-20                      | Dec-08            | 10                |                   | 4.9         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
|                            |                   | 22.5-23           |                   | 0.8         | <10                  | <0.099                 | <20                     | <0.005                | <0.005                | <0.005                      | <0.010                       | <0.005              |
| SB-21                      | Dec-08            | 17                |                   | 9.7         | NA                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
|                            |                   | 21.5-22           |                   | 0.1         | <10                  | <0.099                 | <20                     | <0.005                | <0.005                | <0.005                      | <0.010                       | <0.005              |
| Disp 1                     | Nov-98            | 3.5               | NA                | NA          | 31,000               | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
| Disp 1B                    | Nov-98            | 3.5               | NA                | NA          | 3,300                | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
| Disp 2                     | Nov-98            | 3.5               | NA                | NA          | 40                   | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
| Disp 3A                    | Nov-98            | 3.5               | NA                | NA          | 110                  | <0.1                   | <0.005                  | <0.005                | <0.005                | <0.005                      | <0.005                       | <0.1                |
| Disp 3B                    | Nov-98            | 3.5               | NA                | NA          | 2,500                | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
| Disp 3B                    | Nov-98            | 4.0               | NA                | NA          | 1,400                | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
| Disp 4                     | Oct-98            | 3.5               | NA                | NA          | 1,700                | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
| Disp 5                     | Oct-98            | 3.5               | NA                | NA          | 1,200                | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
| Disp 6                     | Oct-98            | 3.5               | NA                | NA          | 440                  | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
| Filter Unit                | Nov-98            | 2.0               | NA                | NA          | <0.1                 | NA                     | NA                      | NA                    | NA                    | NA                          | NA                           | NA                  |
| WO Fill Port 1             | Dec-99            | 1'                | NA                | NA          | 260                  | 72                     | NA                      | <0.005                | <0.005                | <0.005                      | <0.005                       | <0.05               |
| WO Fill Port 2             | Dec-99            | 1'                | NA                | NA          | 300                  | 74                     | NA                      | <0.005                | 0.032                 | 0.028                       | 0.4                          | <0.1                |

Notes:  
NA: Not Analyzed  
Disp - Dispenser current fuel island

**APPENDIX A**

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

**Technical Report for**

**Cameron-Cole**

**T0600118672-AC Transit, Emeryville, CA**

**Accutest Job Number: C29469**

**Sampling Date: 08/28/13**

**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: 50**



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.

**James J. Rhudy  
Lab Director**

**Client Service contact: Nutan Kabir 408-588-0200**

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

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Test results relate only to samples analyzed.

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## Sample Summary

Cameron-Cole

**Job No:** C29469

T0600118672-AC Transit, Emeryville, CA

| Sample Number | Collected |            | Matrix   |                         | Client Sample ID |
|---------------|-----------|------------|----------|-------------------------|------------------|
|               | Date      | Time By    | Received | Code Type               |                  |
| C29469-1      | 08/28/13  | 10:25 DBND | 08/29/13 | AQ Trip Blank Water     | TB-01            |
| C29469-2      | 08/28/13  | 10:40 DBND | 08/29/13 | AQ Ground Water         | W-1              |
| C29469-3      | 08/28/13  | 11:00 DBND | 08/29/13 | AQ Ground Water         | MW-6             |
| C29469-4      | 08/28/13  | 11:30 DBND | 08/29/13 | AQ Ground Water         | MW-7             |
| C29469-5      | 08/28/13  | 11:35 DBND | 08/29/13 | AQ Ground Water         | MW-11            |
| C29469-5F     | 08/28/13  | 11:35 DBND | 08/29/13 | AQ Groundwater Filtered | MW-11            |
| C29469-6      | 08/28/13  | 12:05 DBND | 08/29/13 | AQ Ground Water         | MW-10            |
| C29469-7      | 08/28/13  | 15:25 DBND | 08/29/13 | AQ Ground Water         | MW-13            |

## SAMPLE DELIVERY GROUP CASE NARRATIVE

**Client:** Cameron-Cole

**Job No** C29469

**Site:** T0600118672-AC Transit, Emeryville, CA

**Report Date** 9/6/2013 11:38:45 PM

6 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were collected on 08/28/2013 and were received at Accutest on 08/29/2013 properly preserved, at 5.2 Deg. C and intact. These Samples received an Accutest job number of C29469. 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

|                   |                        |
|-------------------|------------------------|
| <b>Matrix:</b> AQ | <b>Batch ID:</b> VR744 |
|-------------------|------------------------|

- Sample(s) C29483-9MS, C29483-9MSD were used as the QC samples indicated.

|                   |                        |
|-------------------|------------------------|
| <b>Matrix:</b> AQ | <b>Batch ID:</b> VU514 |
|-------------------|------------------------|

- Sample(s) C29468-5MS, C29468-5MSD were used as the QC samples indicated.
- Matrix Spike/Matrix Spike Duplicate Recovery(s) for Bromoform, Methyl bromide, Dibromochloromethane are outside control limits. Probable cause due to matrix interference.

### Extractables by GC By Method SW846 8015B M

|                   |                         |
|-------------------|-------------------------|
| <b>Matrix:</b> AQ | <b>Batch ID:</b> OP8621 |
|-------------------|-------------------------|

- Sample C29469-4 has surrogates outside control limits due to necessary dilution.

### Metals By Method SW846 6010B

|                   |                         |
|-------------------|-------------------------|
| <b>Matrix:</b> AQ | <b>Batch ID:</b> MP6655 |
|-------------------|-------------------------|

- Sample(s) C29469-5FMS, C29469-5FMSD, C29469-5FSDL were used as the QC samples for metals.
- Matrix Spike/Matrix Spike Duplicate Recovery(s) for Zinc are outside control limits. Probable cause due to matrix interference.
- RPD(s) for Serial Dilution for Chromium, Nickel are outside control limits for sample MP6655-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

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 Quality Objectives 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

# Summary of Hits

**Job Number:** C29469  
**Account:** Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA  
**Collected:** 08/28/13



| Lab Sample ID | Client Sample ID | Result/<br>Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|----|-----|-------|--------|
|---------------|------------------|-----------------|----|-----|-------|--------|

**C29469-1 TB-01**

No hits reported in this sample.

**C29469-2 W-1**

|                  |      |      |  |      |               |
|------------------|------|------|--|------|---------------|
| TPH-GRO (C6-C10) | 2220 | 500  |  | ug/l | SW846 8260B   |
| TPH (C10-C28)    | 1.25 | 0.11 |  | mg/l | SW846 8015B M |

**C29469-3 MW-6**

|                  |      |      |  |      |               |
|------------------|------|------|--|------|---------------|
| Benzene          | 1.6  | 1.0  |  | ug/l | SW846 8260B   |
| TPH-GRO (C6-C10) | 396  | 50   |  | ug/l | SW846 8260B   |
| TPH (C10-C28)    | 2.22 | 0.28 |  | mg/l | SW846 8015B M |

**C29469-4 MW-7**

|                  |      |      |  |      |               |
|------------------|------|------|--|------|---------------|
| TPH-GRO (C6-C10) | 223  | 50   |  | ug/l | SW846 8260B   |
| TPH (C10-C28)    | 3.66 | 0.32 |  | mg/l | SW846 8015B M |

**C29469-5 MW-11**

No hits reported in this sample.

**C29469-5F MW-11**

|        |     |     |  |      |             |
|--------|-----|-----|--|------|-------------|
| Nickel | 5.5 | 5.0 |  | ug/l | SW846 6010B |
| Zinc   | 178 | 20  |  | ug/l | SW846 6010B |

**C29469-6 MW-10**

|                  |      |      |  |      |               |
|------------------|------|------|--|------|---------------|
| TPH-GRO (C6-C10) | 255  | 50   |  | ug/l | SW846 8260B   |
| TPH (C10-C28)    | 3.28 | 0.29 |  | mg/l | SW846 8015B M |

**C29469-7 MW-13**

|                 |      |     |  |      |               |
|-----------------|------|-----|--|------|---------------|
| TPH (Diesel)    | 9.78 | 1.9 |  | mg/l | SW846 8015B M |
| TPH (Motor Oil) | 11.1 | 3.9 |  | mg/l | SW846 8015B M |

Sample Results

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Report of Analysis

---

## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> TB-01                         | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-1                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Trip Blank Water                   | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8260B                             |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | R20181.D | 1  | 09/04/13 | BD | n/a       | n/a        | VR744            |
| Run #2 |          |    |          |    |           |            |                  |

| Run #  | Purge Volume |
|--------|--------------|
| Run #1 | 10.0 ml      |
| Run #2 |              |

| CAS No.   | Compound             | Result | RL     | Units   | Q |
|-----------|----------------------|--------|--------|---------|---|
| 91-20-3   | Naphthalene          | ND     | 5.0    | ug/l    |   |
|           | TPH-GRO (C6-C10)     | ND     | 50     | ug/l    |   |
| CAS No.   | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |   |
| 1868-53-7 | Dibromofluoromethane | 93%    |        | 70-130% |   |
| 2037-26-5 | Toluene-D8           | 102%   |        | 70-130% |   |
| 460-00-4  | 4-Bromofluorobenzene | 98%    |        | 70-130% |   |

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

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> W-1                           | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-2                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8260B                             |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | R20182.D | 10 | 09/04/13 | BD | n/a       | n/a        | VR744            |
| Run #2 |          |    |          |    |           |            |                  |

| Run #  | Purge Volume |
|--------|--------------|
| Run #1 | 10.0 ml      |
| Run #2 |              |

| CAS No.   | Compound             | Result | RL     | Units   | Q |
|-----------|----------------------|--------|--------|---------|---|
| 91-20-3   | Naphthalene          | ND     | 50     | ug/l    |   |
|           | TPH-GRO (C6-C10)     | 2220   | 500    | ug/l    |   |
| CAS No.   | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |   |
| 1868-53-7 | Dibromofluoromethane | 101%   |        | 70-130% |   |
| 2037-26-5 | Toluene-D8           | 102%   |        | 70-130% |   |
| 460-00-4  | 4-Bromofluorobenzene | 105%   |        | 70-130% |   |

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

4.2  
4

## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> W-1                           | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-2                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8015B M SW846 3510C               |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | HH307200.D | 1  | 08/31/13 | AG | 08/30/13  | OP8621     | GHH1064          |
| Run #2 |            |    |          |    |           |            |                  |

| Run #  | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 920 ml         | 1.0 ml       |
| Run #2 |                |              |

**TPH Extractable**

| CAS No.  | Compound             | Result | RL     | Units   | Q |
|----------|----------------------|--------|--------|---------|---|
|          | TPH (C10-C28)        | 1.25   | 0.11   | mg/l    |   |
| CAS No.  | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |   |
| 630-01-3 | Hexacosane           | 95%    |        | 32-124% |   |

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

4.2  
4

## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> MW-6                          | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-3                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8260B                             |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | R20183.D | 1  | 09/04/13 | BD | n/a       | n/a        | VR744            |
| Run #2 |          |    |          |    |           |            |                  |

| Run #  | Purge Volume |
|--------|--------------|
| Run #1 | 10.0 ml      |
| Run #2 |              |

| CAS No. | Compound         | Result | RL  | Units | Q |
|---------|------------------|--------|-----|-------|---|
| 71-43-2 | Benzene          | 1.6    | 1.0 | ug/l  |   |
| 91-20-3 | Naphthalene      | ND     | 5.0 | ug/l  |   |
|         | TPH-GRO (C6-C10) | 396    | 50  | ug/l  |   |

| CAS No.   | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|-----------|----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 93%    |        | 70-130% |
| 2037-26-5 | Toluene-D8           | 102%   |        | 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 112%   |        | 70-130% |

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

4.3  
4



## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> MW-6                          | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-3                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8015B M SW846 3510C               |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | HH307235.D | 3  | 09/03/13 | AG | 08/30/13  | OP8621     | GHH1065          |
| Run #2 |            |    |          |    |           |            |                  |

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

**TPH Extractable**

| CAS No.  | Compound             | Result           | RL     | Units   | Q |
|----------|----------------------|------------------|--------|---------|---|
|          | TPH (C10-C28)        | 2.22             | 0.28   | mg/l    |   |
| CAS No.  | Surrogate Recoveries | Run# 1           | Run# 2 | Limits  |   |
| 630-01-3 | Hexacosane           | 63% <sup>a</sup> |        | 32-124% |   |

(a) Surrogate recoveries corrected for double spike.

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

4.3  
4

## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> MW-7                          | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-4                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8260B                             |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | R20184.D | 1  | 09/04/13 | BD | n/a       | n/a        | VR744            |
| Run #2 |          |    |          |    |           |            |                  |

| Run #  | Purge Volume |
|--------|--------------|
| Run #1 | 10.0 ml      |
| Run #2 |              |

| CAS No.   | Compound             | Result | RL     | Units   | Q |
|-----------|----------------------|--------|--------|---------|---|
| 91-20-3   | Naphthalene          | ND     | 5.0    | ug/l    |   |
|           | TPH-GRO (C6-C10)     | 223    | 50     | ug/l    |   |
| CAS No.   | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |   |
| 1868-53-7 | Dibromofluoromethane | 93%    |        | 70-130% |   |
| 2037-26-5 | Toluene-D8           | 104%   |        | 70-130% |   |
| 460-00-4  | 4-Bromofluorobenzene | 109%   |        | 70-130% |   |

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

4.4  
4

## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> MW-7                          | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-4                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8015B M SW846 3510C               |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | HH307236.D | 3  | 09/03/13 | AG | 08/30/13  | OP8621     | GHH1065          |
| Run #2 |            |    |          |    |           |            |                  |

| Run #  | Initial Volume | Final Volume |
|--------|----------------|--------------|
| Run #1 | 950 ml         | 1.0 ml       |
| Run #2 |                |              |

**TPH Extractable**

| CAS No.  | Compound             | Result            | RL     | Units   | Q |
|----------|----------------------|-------------------|--------|---------|---|
|          | TPH (C10-C28)        | 3.66              | 0.32   | mg/l    |   |
| CAS No.  | Surrogate Recoveries | Run# 1            | Run# 2 | Limits  |   |
| 630-01-3 | Hexacosane           | 146% <sup>a</sup> |        | 32-124% |   |

(a) Surrogate recovery out of control limits due to necessary dilution.

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

4.4  
4

# Report of Analysis

|                                                        |  |                                |
|--------------------------------------------------------|--|--------------------------------|
| <b>Client Sample ID:</b> MW-11                         |  | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-5                         |  | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       |  | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8260B                             |  |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |  |                                |

| Run #1 | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | U13286.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |
| Run #2 |          |    |          |    |           |            |                  |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 10.0 ml      |
| Run #2 |              |

### VOA 8260 List

| CAS No.    | Compound                    | Result | RL  | Units | Q |
|------------|-----------------------------|--------|-----|-------|---|
| 67-64-1    | Acetone                     | ND     | 20  | ug/l  |   |
| 71-43-2    | Benzene                     | ND     | 1.0 | ug/l  |   |
| 108-86-1   | Bromobenzene                | ND     | 1.0 | ug/l  |   |
| 74-97-5    | Bromochloromethane          | ND     | 1.0 | ug/l  |   |
| 75-27-4    | Bromodichloromethane        | ND     | 1.0 | ug/l  |   |
| 75-25-2    | Bromoform                   | ND     | 1.0 | ug/l  |   |
| 104-51-8   | n-Butylbenzene              | ND     | 2.0 | ug/l  |   |
| 135-98-8   | sec-Butylbenzene            | ND     | 2.0 | ug/l  |   |
| 98-06-6    | tert-Butylbenzene           | ND     | 2.0 | ug/l  |   |
| 108-90-7   | Chlorobenzene               | ND     | 1.0 | ug/l  |   |
| 75-00-3    | Chloroethane                | ND     | 1.0 | ug/l  |   |
| 67-66-3    | Chloroform                  | ND     | 1.0 | ug/l  |   |
| 95-49-8    | o-Chlorotoluene             | ND     | 2.0 | ug/l  |   |
| 106-43-4   | p-Chlorotoluene             | ND     | 2.0 | ug/l  |   |
| 56-23-5    | Carbon tetrachloride        | ND     | 1.0 | ug/l  |   |
| 75-34-3    | 1,1-Dichloroethane          | ND     | 1.0 | ug/l  |   |
| 75-35-4    | 1,1-Dichloroethylene        | ND     | 1.0 | ug/l  |   |
| 563-58-6   | 1,1-Dichloropropene         | ND     | 1.0 | ug/l  |   |
| 96-12-8    | 1,2-Dibromo-3-chloropropane | ND     | 2.0 | ug/l  |   |
| 106-93-4   | 1,2-Dibromoethane           | ND     | 1.0 | ug/l  |   |
| 107-06-2   | 1,2-Dichloroethane          | ND     | 1.0 | ug/l  |   |
| 78-87-5    | 1,2-Dichloropropane         | ND     | 1.0 | ug/l  |   |
| 142-28-9   | 1,3-Dichloropropane         | ND     | 1.0 | ug/l  |   |
| 108-20-3   | Di-Isopropyl ether          | ND     | 2.0 | ug/l  |   |
| 594-20-7   | 2,2-Dichloropropane         | ND     | 1.0 | ug/l  |   |
| 124-48-1   | Dibromochloromethane        | ND     | 1.0 | ug/l  |   |
| 75-71-8    | Dichlorodifluoromethane     | ND     | 1.0 | ug/l  |   |
| 156-59-2   | cis-1,2-Dichloroethylene    | ND     | 1.0 | ug/l  |   |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     | 1.0 | ug/l  |   |
| 541-73-1   | m-Dichlorobenzene           | ND     | 1.0 | ug/l  |   |
| 95-50-1    | o-Dichlorobenzene           | ND     | 1.0 | ug/l  |   |
| 106-46-7   | p-Dichlorobenzene           | ND     | 1.0 | ug/l  |   |

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

|                                                        |  |                                |
|--------------------------------------------------------|--|--------------------------------|
| <b>Client Sample ID:</b> MW-11                         |  | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-5                         |  | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       |  | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8260B                             |  |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |  |                                |

## VOA 8260 List

| CAS No.    | Compound                   | Result | RL  | Units | Q |
|------------|----------------------------|--------|-----|-------|---|
| 156-60-5   | trans-1,2-Dichloroethylene | ND     | 1.0 | ug/l  |   |
| 10061-02-6 | trans-1,3-Dichloropropene  | ND     | 1.0 | ug/l  |   |
| 100-41-4   | Ethylbenzene               | ND     | 1.0 | ug/l  |   |
| 637-92-3   | Ethyl Tert Butyl Ether     | ND     | 2.0 | ug/l  |   |
| 591-78-6   | 2-Hexanone                 | ND     | 10  | ug/l  |   |
| 87-68-3    | Hexachlorobutadiene        | ND     | 2.0 | ug/l  |   |
| 98-82-8    | Isopropylbenzene           | ND     | 1.0 | ug/l  |   |
| 99-87-6    | p-Isopropyltoluene         | ND     | 2.0 | ug/l  |   |
| 108-10-1   | 4-Methyl-2-pentanone       | ND     | 10  | ug/l  |   |
| 74-83-9    | Methyl bromide             | ND     | 2.0 | ug/l  |   |
| 74-87-3    | Methyl chloride            | ND     | 1.0 | ug/l  |   |
| 74-95-3    | Methylene bromide          | ND     | 1.0 | ug/l  |   |
| 75-09-2    | Methylene chloride         | ND     | 10  | ug/l  |   |
| 78-93-3    | Methyl ethyl ketone        | ND     | 10  | ug/l  |   |
| 1634-04-4  | Methyl Tert Butyl Ether    | ND     | 1.0 | ug/l  |   |
| 91-20-3    | Naphthalene                | ND     | 5.0 | ug/l  |   |
| 103-65-1   | n-Propylbenzene            | ND     | 2.0 | ug/l  |   |
| 100-42-5   | Styrene                    | ND     | 1.0 | ug/l  |   |
| 994-05-8   | Tert-Amyl Methyl Ether     | ND     | 2.0 | ug/l  |   |
| 75-65-0    | Tert-Butyl Alcohol         | ND     | 10  | ug/l  |   |
| 630-20-6   | 1,1,1,2-Tetrachloroethane  | ND     | 1.0 | ug/l  |   |
| 71-55-6    | 1,1,1-Trichloroethane      | ND     | 1.0 | ug/l  |   |
| 79-34-5    | 1,1,2,2-Tetrachloroethane  | ND     | 1.0 | ug/l  |   |
| 79-00-5    | 1,1,2-Trichloroethane      | ND     | 1.0 | ug/l  |   |
| 87-61-6    | 1,2,3-Trichlorobenzene     | ND     | 2.0 | ug/l  |   |
| 96-18-4    | 1,2,3-Trichloropropane     | ND     | 2.0 | ug/l  |   |
| 120-82-1   | 1,2,4-Trichlorobenzene     | ND     | 2.0 | ug/l  |   |
| 95-63-6    | 1,2,4-Trimethylbenzene     | ND     | 2.0 | ug/l  |   |
| 108-67-8   | 1,3,5-Trimethylbenzene     | ND     | 2.0 | ug/l  |   |
| 127-18-4   | Tetrachloroethylene        | ND     | 1.0 | ug/l  |   |
| 108-88-3   | Toluene                    | ND     | 1.0 | ug/l  |   |
| 79-01-6    | Trichloroethylene          | ND     | 1.0 | ug/l  |   |
| 75-69-4    | Trichlorofluoromethane     | ND     | 1.0 | ug/l  |   |
| 75-01-4    | Vinyl chloride             | ND     | 1.0 | ug/l  |   |
| 1330-20-7  | Xylene (total)             | ND     | 2.0 | ug/l  |   |

| CAS No.   | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|-----------|----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 112%   |        | 70-130% |
| 2037-26-5 | Toluene-D8           | 104%   |        | 70-130% |

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

|                                                                                                                                                                                              |                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Client Sample ID:</b> MW-11<br><b>Lab Sample ID:</b> C29469-5<br><b>Matrix:</b> AQ - Ground Water<br><b>Method:</b> SW846 8260B<br><b>Project:</b> T0600118672-AC Transit, Emeryville, CA | <b>Date Sampled:</b> 08/28/13<br><b>Date Received:</b> 08/29/13<br><b>Percent Solids:</b> n/a |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|

**VOA 8260 List**

| CAS No.  | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|----------|----------------------|--------|--------|---------|
| 460-00-4 | 4-Bromofluorobenzene | 103%   |        | 70-130% |

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

4.5  
4

## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> MW-11                         | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-5F                        | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Groundwater Filtered               | <b>Percent Solids:</b> n/a     |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

### Dissolved Metals Analysis

| Analyte  | Result | RL  | Units | DF | Prep     | Analyzed By | Method                   | Prep Method          |
|----------|--------|-----|-------|----|----------|-------------|--------------------------|----------------------|
| Cadmium  | < 2.0  | 2.0 | ug/l  | 1  | 09/04/13 | 09/04/13 RS | SW846 6010B <sup>1</sup> | SW3010A <sup>2</sup> |
| Chromium | < 10   | 10  | ug/l  | 1  | 09/04/13 | 09/04/13 RS | SW846 6010B <sup>1</sup> | SW3010A <sup>2</sup> |
| Lead     | < 10   | 10  | ug/l  | 1  | 09/04/13 | 09/04/13 RS | SW846 6010B <sup>1</sup> | SW3010A <sup>2</sup> |
| Nickel   | 5.5    | 5.0 | ug/l  | 1  | 09/04/13 | 09/04/13 RS | SW846 6010B <sup>1</sup> | SW3010A <sup>2</sup> |
| Zinc     | 178    | 20  | ug/l  | 1  | 09/04/13 | 09/04/13 RS | SW846 6010B <sup>1</sup> | SW3010A <sup>2</sup> |

(1) Instrument QC Batch: MA3415

(2) Prep QC Batch: MP6655

RL = Reporting Limit

4.6  
4

## Report of Analysis

|                                                                                                                                                                                              |                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Client Sample ID:</b> MW-10<br><b>Lab Sample ID:</b> C29469-6<br><b>Matrix:</b> AQ - Ground Water<br><b>Method:</b> SW846 8260B<br><b>Project:</b> T0600118672-AC Transit, Emeryville, CA | <b>Date Sampled:</b> 08/28/13<br><b>Date Received:</b> 08/29/13<br><b>Percent Solids:</b> n/a |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|

| Run #  | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | R20185.D | 1  | 09/04/13 | BD | n/a       | n/a        | VR744            |
| Run #2 |          |    |          |    |           |            |                  |

| Run #  | Purge Volume |
|--------|--------------|
| Run #1 | 10.0 ml      |
| Run #2 |              |

| CAS No. | Compound         | Result | RL  | Units | Q |
|---------|------------------|--------|-----|-------|---|
| 91-20-3 | Naphthalene      | ND     | 5.0 | ug/l  |   |
|         | TPH-GRO (C6-C10) | 255    | 50  | ug/l  |   |

| CAS No.   | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|-----------|----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 93%    |        | 70-130% |
| 2037-26-5 | Toluene-D8           | 101%   |        | 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 103%   |        | 70-130% |

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

4.7  
4



## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> MW-10                         | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-6                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8015B M SW846 3510C               |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | HH307237.D | 3  | 09/03/13 | AG | 08/30/13  | OP8621     | GHH1065          |
| Run #2 |            |    |          |    |           |            |                  |

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

**TPH Extractable**

| CAS No.  | Compound             | Result | RL     | Units   | Q |
|----------|----------------------|--------|--------|---------|---|
|          | TPH (C10-C28)        | 3.28   | 0.29   | mg/l    |   |
| CAS No.  | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |   |
| 630-01-3 | Hexacosane           | 98%    |        | 32-124% |   |

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

4.7  
4

## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> MW-13                         | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-7                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8260B                             |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | R20186.D | 1  | 09/04/13 | BD | n/a       | n/a        | VR744            |
| Run #2 |          |    |          |    |           |            |                  |

| Run #  | Purge Volume |
|--------|--------------|
| Run #1 | 10.0 ml      |
| Run #2 |              |

| CAS No.   | Compound             | Result | RL     | Units   | Q |
|-----------|----------------------|--------|--------|---------|---|
| 91-20-3   | Naphthalene          | ND     | 5.0    | ug/l    |   |
| CAS No.   | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |   |
| 1868-53-7 | Dibromofluoromethane | 92%    |        | 70-130% |   |
| 2037-26-5 | Toluene-D8           | 101%   |        | 70-130% |   |
| 460-00-4  | 4-Bromofluorobenzene | 100%   |        | 70-130% |   |

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

4.8  
4

## Report of Analysis

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| <b>Client Sample ID:</b> MW-13                         | <b>Date Sampled:</b> 08/28/13  |
| <b>Lab Sample ID:</b> C29469-7                         | <b>Date Received:</b> 08/29/13 |
| <b>Matrix:</b> AQ - Ground Water                       | <b>Percent Solids:</b> n/a     |
| <b>Method:</b> SW846 8015B M SW846 3510C               |                                |
| <b>Project:</b> T0600118672-AC Transit, Emeryville, CA |                                |

| Run #  | File ID    | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | HH307238.D | 20 | 09/03/13 | AG | 08/30/13  | OP8621     | GHH1065          |
| Run #2 |            |    |          |    |           |            |                  |

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

**TPH Extractable**

| CAS No. | Compound              | Result | RL  | Units | Q |
|---------|-----------------------|--------|-----|-------|---|
|         | TPH (Diesel)          | 9.78   | 1.9 | mg/l  |   |
|         | TPH (Motor Oil)       | 11.1   | 3.9 | mg/l  |   |
|         | TPH (Mineral Spirits) | ND     | 1.9 | mg/l  |   |
|         | TPH (Kerosene)        | ND     | 1.9 | mg/l  |   |

| CAS No.  | Surrogate Recoveries | Run# 1 | Run# 2 | Limits  |
|----------|----------------------|--------|--------|---------|
| 630-01-3 | Hexacosane           | 117%   |        | 32-124% |

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

4.8  
4

## Misc. Forms

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5

## Custody Documents and Other Forms

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Includes the following where applicable:

- Chain of Custody



# 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 <b>C29469</b> |

| Client / Reporting Information                    |                                               | Project Information                          |      |            |        |              |    |      |      |       |      | Requested Analysis                                                                                                                                                                                                                                            |      |        |              |  |  |  |  |  |  | Matrix Codes            |  |
|---------------------------------------------------|-----------------------------------------------|----------------------------------------------|------|------------|--------|--------------|----|------|------|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|--------------|--|--|--|--|--|--|-------------------------|--|
| Company Name<br><b>CAMERON-COLE, LLC</b>          |                                               | Project Name:<br><b>ACTRANSIT-EMERYVILLE</b> |      |            |        |              |    |      |      |       |      | <i>Napthalene, TPH-gesoline by 82603</i><br><i>VOCs by 82603</i><br><i>TPH-diesel by 80157</i><br><i>TPH-hydrocarlic o:1 by 80157</i><br><i>Napthalene, TPH-gesoline, Benzene by 82603</i><br><i>Napthalene by 82603</i><br><i>6010/6020 Dissolved Metals</i> |      |        |              |  |  |  |  |  |  | WW- Wastewater          |  |
| Address<br><b>50 HEGENBERGER LOOP</b>             |                                               | Street<br><b>1177 47<sup>th</sup> STREET</b> |      |            |        |              |    |      |      |       |      |                                                                                                                                                                                                                                                               |      |        |              |  |  |  |  |  |  | GW- Ground Water        |  |
| City<br><b>OAKLAND, CA 94621</b>                  |                                               | City<br><b>EMERYVILLE, CALIFORNIA</b>        |      |            |        |              |    |      |      |       |      |                                                                                                                                                                                                                                                               |      |        |              |  |  |  |  |  |  | SW- Surface Water       |  |
| Project Contact:<br><b>DENNIS BAKER</b>           |                                               | Project #<br><b>2036-001/CCCAA1635</b>       |      |            |        |              |    |      |      |       |      |                                                                                                                                                                                                                                                               |      |        |              |  |  |  |  |  |  | SO- Soil                |  |
| Phone #<br><b>510-872-2156</b>                    |                                               | EMAIL:<br><b>DBAKER@CAMERON-COLE.COM</b>     |      |            |        |              |    |      |      |       |      |                                                                                                                                                                                                                                                               |      |        |              |  |  |  |  |  |  | OI-Oil                  |  |
| Sampler's Name<br><b>DENNIS BAKER, NICK DAVIS</b> |                                               | Client Purchase Order #                      |      |            |        |              |    |      |      |       |      |                                                                                                                                                                                                                                                               |      |        |              |  |  |  |  |  |  | WP-Wipe                 |  |
|                                                   |                                               |                                              |      |            |        |              |    |      |      |       |      |                                                                                                                                                                                                                                                               |      |        |              |  |  |  |  |  |  | LIQ- Non-aqueous Liquid |  |
|                                                   |                                               |                                              |      |            |        |              |    |      |      |       |      | AIR                                                                                                                                                                                                                                                           |      |        |              |  |  |  |  |  |  |                         |  |
|                                                   |                                               |                                              |      |            |        |              |    |      |      |       |      | DW- Drinking Water (Pesticides Only)                                                                                                                                                                                                                          |      |        |              |  |  |  |  |  |  |                         |  |
| Accutest Sample ID                                | Sample ID / Field Point / Point of Collection | Date                                         | Time | Sampled by | Matrix | # of bottles | PC | INCH | PHED | INCHD | NONC | NONCA                                                                                                                                                                                                                                                         | MECH | ENCODE | LAB USE ONLY |  |  |  |  |  |  |                         |  |
| -1                                                | TB-01                                         | 8/28/13                                      | 1025 | DB,ND      | W      | 3            | 3  |      |      |       |      |                                                                                                                                                                                                                                                               |      |        | X            |  |  |  |  |  |  |                         |  |
| -2                                                | W-1                                           |                                              | 1040 |            | GW     | 5            | 3  |      |      |       | 2    |                                                                                                                                                                                                                                                               |      |        | X            |  |  |  |  |  |  |                         |  |
| -3                                                | MW-6                                          |                                              | 1100 |            |        | 5            | 3  |      |      |       | 2    |                                                                                                                                                                                                                                                               |      |        | X            |  |  |  |  |  |  |                         |  |
| -4                                                | MW-7                                          |                                              | 1130 |            |        | 5            | 3  |      |      |       | 2    |                                                                                                                                                                                                                                                               |      |        | X            |  |  |  |  |  |  |                         |  |
| -5                                                | MW-11                                         |                                              | 1135 |            |        | 4            | 3  |      |      |       | 1    |                                                                                                                                                                                                                                                               |      |        | X            |  |  |  |  |  |  |                         |  |
| -6                                                | MW-10                                         |                                              | 1205 |            |        | 5            | 3  |      |      |       | 2    |                                                                                                                                                                                                                                                               |      |        | X            |  |  |  |  |  |  |                         |  |
| -7                                                | MW-13                                         |                                              | 1525 |            |        | 5            | 3  |      |      |       | 2    |                                                                                                                                                                                                                                                               |      |        | X            |  |  |  |  |  |  |                         |  |

|                                                                                                                                                                                                                       |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Turnaround Time (Business days)                                                                                                                                                                                       | Approved By / Date: | Data Deliverable Information                                                                                                                                                                                                                                                                                                                                                                                                                                | Comments / Remarks                                                               |
| <input type="checkbox"/> 10 Day Standard<br><input type="checkbox"/> 8 Day<br><input type="checkbox"/> 3 Day<br><input type="checkbox"/> 2 Day<br><input type="checkbox"/> 1 Day<br><input type="checkbox"/> Same Day |                     | <input type="checkbox"/> Commercial "A" - Results only<br><input checked="" type="checkbox"/> Commercial "B" - Results with QC summaries<br><input type="checkbox"/> Commercial "B*" - Results, QC, and chromatograms<br><input type="checkbox"/> FULLT - Level 4 data package<br><input checked="" type="checkbox"/> EDF for Geotracker <input checked="" type="checkbox"/> EDD Format<br>Provide EDF Global ID <b>T0600118672</b><br>Provide EDF Logcode: | * Dissolved Metals to be lab-filtered<br><b>Do NOT!! use silica gel cleanup.</b> |

Emergency T/A data available VIA Lablink

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

|                                                      |                                 |                                     |                                 |                                         |                           |                                     |
|------------------------------------------------------|---------------------------------|-------------------------------------|---------------------------------|-----------------------------------------|---------------------------|-------------------------------------|
| Relinquished by Sampler:<br>1 <b>Dennis C. Baker</b> | Date Time: <b>8-29-13 10:19</b> | Received By:<br><b>Nick Macreid</b> | Date Time: <b>8-29-13 11:35</b> | Relinquished By:<br><b>Nick Macreid</b> | Date Time: <b>8-29-13</b> | Received By:<br><b>Nick Macreid</b> |
| Relinquished by:                                     | Date Time:                      | Received By:                        | Date Time:                      | Relinquished By:                        | Date Time:                | Received By:                        |
| 3                                                    |                                 | 3                                   |                                 | 4                                       |                           |                                     |

Appropriate Bottle / Pres. Y/N: **Y**  
Labels match Coc? **Y**  
Headspace Y/N: **Y**  
Separate Receiving Check List used? **Y**  
On Ice Y/N: **Y**  
Cooler Temp: **62.0 = 5.2 °C**

5.1  
5

C29469: Chain of Custody

Page 1 of 2

## Accutest Laboratories Sample Receipt Summary

**Accutest Job Number:** C29469      **Client:** CAMERON-COLE      **Project:** AC TRANSIT - EMERYVILLE  
**Date / Time Received:** 8/29/2013      **Delivery Method:** Accutest Courier      **Airbill #s:** \_\_\_\_\_

**Cooler Temps (Initial/Adjusted):** #1: (6.2/5.2): 0

| <u>Cooler Security</u>    | <u>Y or N</u>            |                                     |                       |                                     | <u>Y or N</u>            |  |
|---------------------------|--------------------------|-------------------------------------|-----------------------|-------------------------------------|--------------------------|--|
| 1. Custody Seals Present: | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. COC Present:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |
| 2. Custody Seals Intact:  | <input type="checkbox"/> | <input type="checkbox"/>            | 4. SmpI Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |  |

| <u>Cooler Temperature</u>    | <u>Y or N</u>                       |                          |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | IR1 Glass;                          |                          |
| 3. Cooler media:             | Ice (Bag)                           |                          |
| 4. No. Coolers:              | 1                                   |                          |

| <u>Quality Control Preservation</u> | <u>Y</u>                            | <u>or</u> | <u>N</u>                            | <u>N/A</u>               |
|-------------------------------------|-------------------------------------|-----------|-------------------------------------|--------------------------|
| 1. Trip Blank present / cooler:     | <input type="checkbox"/>            |           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC:        | <input type="checkbox"/>            |           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly:      | <input checked="" type="checkbox"/> |           | <input type="checkbox"/>            | <input type="checkbox"/> |
| 4. VOCs headspace free:             | <input checked="" type="checkbox"/> |           | <input type="checkbox"/>            | <input type="checkbox"/> |

| <u>Sample Integrity - Documentation</u> | <u>Y or N</u>                       |                          |
|-----------------------------------------|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles:    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete:         | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| <u>Sample Integrity - Condition</u> | <u>Y or N</u>                       |                          |
|-------------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT:          | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for:    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample:             | Intact                              |                          |

| <u>Sample Integrity - Instructions</u>    | <u>Y</u>                            | <u>or</u> | <u>N</u>                            | <u>N/A</u>                          |
|-------------------------------------------|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> |           | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            |           | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> |           | <input type="checkbox"/>            |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            |           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            |           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Comments

5.1  
5

## GC/MS Volatiles

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### QC Data Summaries

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Includes the following where applicable:

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

## Method Blank Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample   | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|----------|----|----------|----|-----------|------------|------------------|
| VR744-MB | R20180.D | 1  | 09/03/13 | BD | n/a       | n/a        | VR744            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-1, C29469-2, C29469-3, C29469-4, C29469-6, C29469-7

| CAS No. | Compound         | Result | RL  | Units | Q |
|---------|------------------|--------|-----|-------|---|
| 71-43-2 | Benzene          | ND     | 1.0 | ug/l  |   |
| 91-20-3 | Naphthalene      | ND     | 5.0 | ug/l  |   |
|         | TPH-GRO (C6-C10) | ND     | 50  | ug/l  |   |

| CAS No.   | Surrogate Recoveries |      | Limits  |
|-----------|----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 92%  | 70-130% |
| 2037-26-5 | Toluene-D8           | 103% | 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 98%  | 70-130% |



## Method Blank Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample   | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|----------|----|----------|----|-----------|------------|------------------|
| VU514-MB | U13274.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No.    | Compound                    | Result | RL  | Units | Q |
|------------|-----------------------------|--------|-----|-------|---|
| 67-64-1    | Acetone                     | ND     | 20  | ug/l  |   |
| 71-43-2    | Benzene                     | ND     | 1.0 | ug/l  |   |
| 108-86-1   | Bromobenzene                | ND     | 1.0 | ug/l  |   |
| 74-97-5    | Bromochloromethane          | ND     | 1.0 | ug/l  |   |
| 75-27-4    | Bromodichloromethane        | ND     | 1.0 | ug/l  |   |
| 75-25-2    | Bromoform                   | ND     | 1.0 | ug/l  |   |
| 104-51-8   | n-Butylbenzene              | ND     | 2.0 | ug/l  |   |
| 135-98-8   | sec-Butylbenzene            | ND     | 2.0 | ug/l  |   |
| 98-06-6    | tert-Butylbenzene           | ND     | 2.0 | ug/l  |   |
| 108-90-7   | Chlorobenzene               | ND     | 1.0 | ug/l  |   |
| 75-00-3    | Chloroethane                | ND     | 1.0 | ug/l  |   |
| 67-66-3    | Chloroform                  | ND     | 1.0 | ug/l  |   |
| 95-49-8    | o-Chlorotoluene             | ND     | 2.0 | ug/l  |   |
| 106-43-4   | p-Chlorotoluene             | ND     | 2.0 | ug/l  |   |
| 56-23-5    | Carbon tetrachloride        | ND     | 1.0 | ug/l  |   |
| 75-34-3    | 1,1-Dichloroethane          | ND     | 1.0 | ug/l  |   |
| 75-35-4    | 1,1-Dichloroethylene        | ND     | 1.0 | ug/l  |   |
| 563-58-6   | 1,1-Dichloropropene         | ND     | 1.0 | ug/l  |   |
| 96-12-8    | 1,2-Dibromo-3-chloropropane | ND     | 2.0 | ug/l  |   |
| 106-93-4   | 1,2-Dibromoethane           | ND     | 1.0 | ug/l  |   |
| 107-06-2   | 1,2-Dichloroethane          | ND     | 1.0 | ug/l  |   |
| 78-87-5    | 1,2-Dichloropropane         | ND     | 1.0 | ug/l  |   |
| 142-28-9   | 1,3-Dichloropropane         | ND     | 1.0 | ug/l  |   |
| 108-20-3   | Di-Isopropyl ether          | ND     | 2.0 | ug/l  |   |
| 594-20-7   | 2,2-Dichloropropane         | ND     | 1.0 | ug/l  |   |
| 124-48-1   | Dibromochloromethane        | ND     | 1.0 | ug/l  |   |
| 75-71-8    | Dichlorodifluoromethane     | ND     | 1.0 | ug/l  |   |
| 156-59-2   | cis-1,2-Dichloroethylene    | ND     | 1.0 | ug/l  |   |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND     | 1.0 | ug/l  |   |
| 541-73-1   | m-Dichlorobenzene           | ND     | 1.0 | ug/l  |   |
| 95-50-1    | o-Dichlorobenzene           | ND     | 1.0 | ug/l  |   |
| 106-46-7   | p-Dichlorobenzene           | ND     | 1.0 | ug/l  |   |
| 156-60-5   | trans-1,2-Dichloroethylene  | ND     | 1.0 | ug/l  |   |
| 10061-02-6 | trans-1,3-Dichloropropene   | ND     | 1.0 | ug/l  |   |
| 100-41-4   | Ethylbenzene                | ND     | 1.0 | ug/l  |   |
| 637-92-3   | Ethyl Tert Butyl Ether      | ND     | 2.0 | ug/l  |   |

## Method Blank Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample   | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|----------|----|----------|----|-----------|------------|------------------|
| VU514-MB | U13274.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No.   | Compound                  | Result | RL  | Units | Q |
|-----------|---------------------------|--------|-----|-------|---|
| 591-78-6  | 2-Hexanone                | ND     | 10  | ug/l  |   |
| 87-68-3   | Hexachlorobutadiene       | ND     | 2.0 | ug/l  |   |
| 98-82-8   | Isopropylbenzene          | ND     | 1.0 | ug/l  |   |
| 99-87-6   | p-Isopropyltoluene        | ND     | 2.0 | ug/l  |   |
| 108-10-1  | 4-Methyl-2-pentanone      | ND     | 10  | ug/l  |   |
| 74-83-9   | Methyl bromide            | ND     | 2.0 | ug/l  |   |
| 74-87-3   | Methyl chloride           | ND     | 1.0 | ug/l  |   |
| 74-95-3   | Methylene bromide         | ND     | 1.0 | ug/l  |   |
| 75-09-2   | Methylene chloride        | ND     | 10  | ug/l  |   |
| 78-93-3   | Methyl ethyl ketone       | ND     | 10  | ug/l  |   |
| 1634-04-4 | Methyl Tert Butyl Ether   | ND     | 1.0 | ug/l  |   |
| 91-20-3   | Naphthalene               | ND     | 5.0 | ug/l  |   |
| 103-65-1  | n-Propylbenzene           | ND     | 2.0 | ug/l  |   |
| 100-42-5  | Styrene                   | ND     | 1.0 | ug/l  |   |
| 994-05-8  | Tert-Amyl Methyl Ether    | ND     | 2.0 | ug/l  |   |
| 75-65-0   | Tert-Butyl Alcohol        | ND     | 10  | ug/l  |   |
| 630-20-6  | 1,1,1,2-Tetrachloroethane | ND     | 1.0 | ug/l  |   |
| 71-55-6   | 1,1,1-Trichloroethane     | ND     | 1.0 | ug/l  |   |
| 79-34-5   | 1,1,2,2-Tetrachloroethane | ND     | 1.0 | ug/l  |   |
| 79-00-5   | 1,1,2-Trichloroethane     | ND     | 1.0 | ug/l  |   |
| 87-61-6   | 1,2,3-Trichlorobenzene    | ND     | 2.0 | ug/l  |   |
| 96-18-4   | 1,2,3-Trichloropropane    | ND     | 2.0 | ug/l  |   |
| 120-82-1  | 1,2,4-Trichlorobenzene    | ND     | 2.0 | ug/l  |   |
| 95-63-6   | 1,2,4-Trimethylbenzene    | ND     | 2.0 | ug/l  |   |
| 108-67-8  | 1,3,5-Trimethylbenzene    | ND     | 2.0 | ug/l  |   |
| 127-18-4  | Tetrachloroethylene       | ND     | 1.0 | ug/l  |   |
| 108-88-3  | Toluene                   | ND     | 1.0 | ug/l  |   |
| 79-01-6   | Trichloroethylene         | ND     | 1.0 | ug/l  |   |
| 75-69-4   | Trichlorofluoromethane    | ND     | 1.0 | ug/l  |   |
| 75-01-4   | Vinyl chloride            | ND     | 1.0 | ug/l  |   |
| 1330-20-7 | Xylene (total)            | ND     | 2.0 | ug/l  |   |

| CAS No.   | Surrogate Recoveries | Limits       |
|-----------|----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 106% 70-130% |

## Method Blank Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample   | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|----------|----|----------|----|-----------|------------|------------------|
| VU514-MB | U13274.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No.   | Surrogate Recoveries | Limits       |
|-----------|----------------------|--------------|
| 2037-26-5 | Toluene-D8           | 101% 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 99% 70-130%  |

6.1.2

6

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample    | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|----------|----|----------|----|-----------|------------|------------------|
| VR744-BS  | R20177.D | 1  | 09/03/13 | BD | n/a       | n/a        | VR744            |
| VR744-BSD | R20178.D | 1  | 09/03/13 | BD | n/a       | n/a        | VR744            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-1, C29469-2, C29469-3, C29469-4, C29469-6, C29469-7

| CAS No. | Compound    | Spike ug/l | BSP ug/l | BSP % | BSD ug/l | BSD % | RPD | Limits Rec/RPD |
|---------|-------------|------------|----------|-------|----------|-------|-----|----------------|
| 71-43-2 | Benzene     | 20         | 18.8     | 94    | 18.7     | 94    | 1   | 77-122/25      |
| 91-20-3 | Naphthalene | 20         | 18.8     | 94    | 18.8     | 94    | 0   | 70-136/20      |

| CAS No.   | Surrogate Recoveries | BSP  | BSD  | Limits  |
|-----------|----------------------|------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | 105% | 70-130% |
| 2037-26-5 | Toluene-D8           | 102% | 102% | 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 102% | 102% | 70-130% |

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample    | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|----------|----|----------|----|-----------|------------|------------------|
| VU514-BS  | U13270.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |
| VU514-BSD | U13271.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No.    | Compound                    | Spike ug/l | BSP ug/l | BSP % | BSD ug/l | BSD % | RPD | Limits Rec/RPD |
|------------|-----------------------------|------------|----------|-------|----------|-------|-----|----------------|
| 67-64-1    | Acetone                     | 80         | 68.9     | 86    | 68.3     | 85    | 1   | 38-159/24      |
| 71-43-2    | Benzene                     | 20         | 21.0     | 105   | 21.5     | 108   | 2   | 77-122/25      |
| 108-86-1   | Bromobenzene                | 20         | 18.9     | 95    | 19.2     | 96    | 2   | 76-126/17      |
| 74-97-5    | Bromochloromethane          | 20         | 21.3     | 107   | 21.1     | 106   | 1   | 77-130/17      |
| 75-27-4    | Bromodichloromethane        | 20         | 19.7     | 99    | 19.5     | 98    | 1   | 75-127/16      |
| 75-25-2    | Bromoform                   | 20         | 21.4     | 107   | 21.2     | 106   | 1   | 69-141/17      |
| 104-51-8   | n-Butylbenzene              | 20         | 19.8     | 99    | 20.2     | 101   | 2   | 72-129/18      |
| 135-98-8   | sec-Butylbenzene            | 20         | 19.6     | 98    | 20.0     | 100   | 2   | 74-128/18      |
| 98-06-6    | tert-Butylbenzene           | 20         | 19.4     | 97    | 19.7     | 99    | 2   | 73-127/18      |
| 108-90-7   | Chlorobenzene               | 20         | 18.6     | 93    | 18.8     | 94    | 1   | 77-122/16      |
| 75-00-3    | Chloroethane                | 20         | 21.9     | 110   | 21.5     | 108   | 2   | 69-133/18      |
| 67-66-3    | Chloroform                  | 20         | 20.0     | 100   | 19.9     | 100   | 1   | 74-126/17      |
| 95-49-8    | o-Chlorotoluene             | 20         | 18.8     | 94    | 16.3     | 82    | 14  | 72-127/20      |
| 106-43-4   | p-Chlorotoluene             | 20         | 16.5     | 83    | 16.9     | 85    | 2   | 68-127/18      |
| 56-23-5    | Carbon tetrachloride        | 20         | 19.9     | 100   | 19.5     | 98    | 2   | 71-133/19      |
| 75-34-3    | 1,1-Dichloroethane          | 20         | 19.5     | 98    | 19.9     | 100   | 2   | 71-125/17      |
| 75-35-4    | 1,1-Dichloroethylene        | 20         | 21.8     | 109   | 21.9     | 110   | 0   | 66-125/20      |
| 563-58-6   | 1,1-Dichloropropene         | 20         | 22.1     | 111   | 22.0     | 110   | 0   | 75-124/18      |
| 96-12-8    | 1,2-Dibromo-3-chloropropane | 20         | 17.5     | 88    | 17.9     | 90    | 2   | 65-131/20      |
| 106-93-4   | 1,2-Dibromoethane           | 20         | 20.3     | 102   | 19.9     | 100   | 2   | 75-135/17      |
| 107-06-2   | 1,2-Dichloroethane          | 20         | 18.8     | 94    | 18.6     | 93    | 1   | 71-131/17      |
| 78-87-5    | 1,2-Dichloropropane         | 20         | 21.8     | 109   | 22.1     | 111   | 1   | 78-124/16      |
| 142-28-9   | 1,3-Dichloropropane         | 20         | 19.4     | 97    | 19.6     | 98    | 1   | 78-123/16      |
| 108-20-3   | Di-Isopropyl ether          | 20         | 21.4     | 107   | 21.8     | 109   | 2   | 68-129/17      |
| 594-20-7   | 2,2-Dichloropropane         | 20         | 19.4     | 97    | 19.2     | 96    | 1   | 70-131/19      |
| 124-48-1   | Dibromochloromethane        | 20         | 19.1     | 96    | 19.1     | 96    | 0   | 76-132/16      |
| 75-71-8    | Dichlorodifluoromethane     | 20         | 25.7     | 129   | 24.2     | 121   | 6   | 32-168/28      |
| 156-59-2   | cis-1,2-Dichloroethylene    | 20         | 21.9     | 110   | 22.3     | 112   | 2   | 73-126/17      |
| 10061-01-5 | cis-1,3-Dichloropropene     | 20         | 22.6     | 113   | 23.1     | 116   | 2   | 72-130/16      |
| 541-73-1   | m-Dichlorobenzene           | 20         | 18.0     | 90    | 18.4     | 92    | 2   | 75-124/16      |
| 95-50-1    | o-Dichlorobenzene           | 20         | 18.2     | 91    | 18.6     | 93    | 2   | 76-124/16      |
| 106-46-7   | p-Dichlorobenzene           | 20         | 18.9     | 95    | 19.5     | 98    | 3   | 75-124/16      |
| 156-60-5   | trans-1,2-Dichloroethylene  | 20         | 22.2     | 111   | 22.4     | 112   | 1   | 71-126/18      |
| 10061-02-6 | trans-1,3-Dichloropropene   | 20         | 17.9     | 90    | 18.4     | 92    | 3   | 71-126/16      |
| 100-41-4   | Ethylbenzene                | 20         | 20.1     | 101   | 20.1     | 101   | 0   | 76-126/17      |
| 637-92-3   | Ethyl Tert Butyl Ether      | 20         | 22.3     | 112   | 22.6     | 113   | 1   | 75-134/17      |

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample    | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|----------|----|----------|----|-----------|------------|------------------|
| VU514-BS  | U13270.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |
| VU514-BSD | U13271.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No.   | Compound                  | Spike ug/l | BSP ug/l | BSP % | BSD ug/l | BSD % | RPD | Limits Rec/RPD |
|-----------|---------------------------|------------|----------|-------|----------|-------|-----|----------------|
| 591-78-6  | 2-Hexanone                | 80         | 68.5     | 86    | 69.4     | 87    | 1   | 67-150/22      |
| 87-68-3   | Hexachlorobutadiene       | 20         | 19.6     | 98    | 20.0     | 100   | 2   | 69-135/20      |
| 98-82-8   | Isopropylbenzene          | 20         | 19.8     | 99    | 19.8     | 99    | 0   | 61-125/17      |
| 99-87-6   | p-Isopropyltoluene        | 20         | 19.4     | 97    | 19.8     | 99    | 2   | 68-127/18      |
| 108-10-1  | 4-Methyl-2-pentanone      | 80         | 83.3     | 104   | 81.9     | 102   | 2   | 71-142/21      |
| 74-83-9   | Methyl bromide            | 20         | 24.9     | 125   | 24.3     | 122   | 2   | 68-132/18      |
| 74-87-3   | Methyl chloride           | 20         | 22.6     | 113   | 22.3     | 112   | 1   | 39-150/28      |
| 74-95-3   | Methylene bromide         | 20         | 21.3     | 107   | 21.0     | 105   | 1   | 77-127/16      |
| 75-09-2   | Methylene chloride        | 20         | 21.2     | 106   | 21.5     | 108   | 1   | 67-128/18      |
| 78-93-3   | Methyl ethyl ketone       | 80         | 76.4     | 96    | 77.4     | 97    | 1   | 56-155/23      |
| 1634-04-4 | Methyl Tert Butyl Ether   | 20         | 23.1     | 116   | 23.1     | 116   | 0   | 73-132/17      |
| 91-20-3   | Naphthalene               | 20         | 22.2     | 111   | 24.2     | 121   | 9   | 70-136/20      |
| 103-65-1  | n-Propylbenzene           | 20         | 18.4     | 92    | 18.8     | 94    | 2   | 71-127/17      |
| 100-42-5  | Styrene                   | 20         | 20.2     | 101   | 19.9     | 100   | 1   | 72-134/16      |
| 994-05-8  | Tert-Amyl Methyl Ether    | 20         | 23.9     | 120   | 24.0     | 120   | 0   | 73-133/17      |
| 75-65-0   | Tert-Butyl Alcohol        | 100        | 106      | 106   | 105      | 105   | 1   | 60-149/26      |
| 630-20-6  | 1,1,1,2-Tetrachloroethane | 20         | 19.0     | 95    | 18.9     | 95    | 1   | 77-130/16      |
| 71-55-6   | 1,1,1-Trichloroethane     | 20         | 19.9     | 100   | 19.7     | 99    | 1   | 74-128/19      |
| 79-34-5   | 1,1,2,2-Tetrachloroethane | 20         | 20.7     | 104   | 21.3     | 107   | 3   | 77-129/17      |
| 79-00-5   | 1,1,2-Trichloroethane     | 20         | 19.7     | 99    | 20.3     | 102   | 3   | 77-125/16      |
| 87-61-6   | 1,2,3-Trichlorobenzene    | 20         | 20.9     | 105   | 22.5     | 113   | 7   | 70-133/18      |
| 96-18-4   | 1,2,3-Trichloropropane    | 20         | 18.1     | 91    | 18.1     | 91    | 0   | 69-126/18      |
| 120-82-1  | 1,2,4-Trichlorobenzene    | 20         | 19.9     | 100   | 20.6     | 103   | 3   | 68-129/17      |
| 95-63-6   | 1,2,4-Trimethylbenzene    | 20         | 20.1     | 101   | 20.5     | 103   | 2   | 74-129/17      |
| 108-67-8  | 1,3,5-Trimethylbenzene    | 20         | 21.0     | 105   | 21.3     | 107   | 1   | 77-129/17      |
| 127-18-4  | Tetrachloroethylene       | 20         | 17.8     | 89    | 17.8     | 89    | 0   | 69-127/20      |
| 108-88-3  | Toluene                   | 20         | 19.5     | 98    | 20.4     | 102   | 5   | 75-122/17      |
| 79-01-6   | Trichloroethylene         | 20         | 20.8     | 104   | 20.8     | 104   | 0   | 78-123/17      |
| 75-69-4   | Trichlorofluoromethane    | 20         | 23.2     | 116   | 22.3     | 112   | 4   | 65-136/23      |
| 75-01-4   | Vinyl chloride            | 20         | 20.8     | 104   | 20.2     | 101   | 3   | 57-146/22      |
| 1330-20-7 | Xylene (total)            | 60         | 59.1     | 99    | 58.8     | 98    | 1   | 77-125/17      |

| CAS No.   | Surrogate Recoveries | BSP  | BSD | Limits  |
|-----------|----------------------|------|-----|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | 96% | 70-130% |

\* = Outside of Control Limits.

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample    | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|----------|----|----------|----|-----------|------------|------------------|
| VU514-BS  | U13270.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |
| VU514-BSD | U13271.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No.   | Surrogate Recoveries | BSP  | BSD  | Limits  |
|-----------|----------------------|------|------|---------|
| 2037-26-5 | Toluene-D8           | 95%  | 98%  | 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 107% | 106% | 70-130% |

\* = Outside of Control Limits.

# Laboratory Control Sample Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample    | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|----------|----|----------|----|-----------|------------|------------------|
| VR744-LCS | R20179.D | 1  | 09/03/13 | BD | n/a       | n/a        | VR744            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-1, C29469-2, C29469-3, C29469-4, C29469-6, C29469-7

| CAS No. | Compound         | Spike<br>ug/l | LCS<br>ug/l | LCS<br>% | Limits |
|---------|------------------|---------------|-------------|----------|--------|
|         | TPH-GRO (C6-C10) | 125           | 102         | 82       | 60-130 |

| CAS No.   | Surrogate Recoveries | BSP  | Limits  |
|-----------|----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | 70-130% |
| 2037-26-5 | Toluene-D8           | 104% | 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 102% | 70-130% |

\* = Outside of Control Limits.



# Laboratory Control Sample Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample    | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|----------|----|----------|----|-----------|------------|------------------|
| VU514-LCS | U13272.D | 1  | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No. | Compound | Spike<br>ug/l | LCS<br>ug/l | LCS<br>% | Limits |
|---------|----------|---------------|-------------|----------|--------|
|---------|----------|---------------|-------------|----------|--------|

| CAS No.   | Surrogate Recoveries | BSP  | Limits  |
|-----------|----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 70-130% |
| 2037-26-5 | Toluene-D8           | 103% | 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 103% | 70-130% |

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample      | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| C29483-9MS  | R20197.D | 10 | 09/04/13 | BD | n/a       | n/a        | VR744            |
| C29483-9MSD | R20198.D | 10 | 09/04/13 | BD | n/a       | n/a        | VR744            |
| C29483-9    | R20195.D | 10 | 09/04/13 | BD | n/a       | n/a        | VR744            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-1, C29469-2, C29469-3, C29469-4, C29469-6, C29469-7

| CAS No. | Compound    | C29483-9<br>ug/l | Spike<br>Q | ug/l | MS<br>ug/l | MS<br>% | MSD<br>ug/l | MSD<br>% | RPD | Limits<br>Rec/RPD |
|---------|-------------|------------------|------------|------|------------|---------|-------------|----------|-----|-------------------|
| 71-43-2 | Benzene     | 2180             | E          | 200  | 2350       | 85      | 2370        | 95       | 1   | 77-122/16         |
| 91-20-3 | Naphthalene | 325              |            | 200  | 523        | 99      | 538         | 107      | 3   | 70-136/20         |

| CAS No.   | Surrogate Recoveries | MS   | MSD  | C29483-9 | Limits  |
|-----------|----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | 105% | 102%     | 70-130% |
| 2037-26-5 | Toluene-D8           | 101% | 102% | 101%     | 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 100% | 102% | 100%     | 70-130% |

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample      | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| C29468-5MS  | U13289.D | 25 | 09/04/13 | TF | n/a       | n/a        | VU514            |
| C29468-5MSD | U13290.D | 25 | 09/04/13 | TF | n/a       | n/a        | VU514            |
| C29468-5    | U13275.D | 25 | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No.    | Compound                    | C29468-5<br>ug/l | Spike<br>Q<br>ug/l | MS<br>ug/l | MS<br>% | MSD<br>ug/l | MSD<br>% | RPD | Limits<br>Rec/RPD |
|------------|-----------------------------|------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1    | Acetone                     | ND               | 2000               | 1840       | 92      | 1850        | 93       | 1   | 38-159/24         |
| 71-43-2    | Benzene                     | 1890             | 500                | 2480       | 118     | 2500        | 122      | 1   | 77-122/16         |
| 108-86-1   | Bromobenzene                | ND               | 500                | 465        | 93      | 469         | 94       | 1   | 76-126/17         |
| 74-97-5    | Bromochloromethane          | ND               | 500                | 568        | 114     | 569         | 114      | 0   | 77-130/17         |
| 75-27-4    | Bromodichloromethane        | ND               | 500                | 456        | 91      | 445         | 89       | 2   | 75-127/16         |
| 75-25-2    | Bromoform                   | ND               | 500                | 329        | 66* a   | 342         | 68* b    | 4   | 69-141/17         |
| 104-51-8   | n-Butylbenzene              | ND               | 500                | 496        | 99      | 468         | 94       | 6   | 72-129/18         |
| 135-98-8   | sec-Butylbenzene            | ND               | 500                | 492        | 98      | 470         | 94       | 5   | 74-128/18         |
| 98-06-6    | tert-Butylbenzene           | ND               | 500                | 497        | 99      | 477         | 95       | 4   | 73-127/18         |
| 108-90-7   | Chlorobenzene               | ND               | 500                | 477        | 95      | 461         | 92       | 3   | 77-122/16         |
| 75-00-3    | Chloroethane                | ND               | 500                | 573        | 115     | 605         | 121      | 5   | 69-133/18         |
| 67-66-3    | Chloroform                  | ND               | 500                | 544        | 109     | 530         | 106      | 3   | 74-126/17         |
| 95-49-8    | o-Chlorotoluene             | ND               | 500                | 453        | 91      | 440         | 88       | 3   | 72-127/20         |
| 106-43-4   | p-Chlorotoluene             | ND               | 500                | 410        | 82      | 433         | 87       | 5   | 68-127/18         |
| 56-23-5    | Carbon tetrachloride        | ND               | 500                | 506        | 101     | 461         | 92       | 9   | 71-133/19         |
| 75-34-3    | 1,1-Dichloroethane          | ND               | 500                | 521        | 104     | 523         | 105      | 0   | 71-125/17         |
| 75-35-4    | 1,1-Dichloroethylene        | ND               | 500                | 541        | 108     | 532         | 106      | 2   | 66-125/20         |
| 563-58-6   | 1,1-Dichloropropene         | ND               | 500                | 563        | 113     | 525         | 105      | 7   | 75-124/18         |
| 96-12-8    | 1,2-Dibromo-3-chloropropane | ND               | 500                | 462        | 92      | 439         | 88       | 5   | 65-131/20         |
| 106-93-4   | 1,2-Dibromoethane           | ND               | 500                | 524        | 105     | 513         | 103      | 2   | 75-135/17         |
| 107-06-2   | 1,2-Dichloroethane          | ND               | 500                | 514        | 103     | 482         | 96       | 6   | 71-131/17         |
| 78-87-5    | 1,2-Dichloropropane         | ND               | 500                | 537        | 107     | 529         | 106      | 2   | 78-124/16         |
| 142-28-9   | 1,3-Dichloropropane         | ND               | 500                | 487        | 97      | 488         | 98       | 0   | 78-123/16         |
| 108-20-3   | Di-Isopropyl ether          | 7.2              | J 500              | 535        | 106     | 567         | 112      | 6   | 68-129/17         |
| 594-20-7   | 2,2-Dichloropropane         | ND               | 500                | 511        | 102     | 488         | 98       | 5   | 70-131/19         |
| 124-48-1   | Dibromochloromethane        | ND               | 500                | 362        | 72* b   | 380         | 76       | 5   | 76-132/16         |
| 75-71-8    | Dichlorodifluoromethane     | ND               | 500                | 720        | 144     | 692         | 138      | 4   | 32-168/28         |
| 156-59-2   | cis-1,2-Dichloroethylene    | ND               | 500                | 579        | 116     | 591         | 118      | 2   | 73-126/17         |
| 10061-01-5 | cis-1,3-Dichloropropene     | ND               | 500                | 503        | 101     | 469         | 94       | 7   | 72-130/16         |
| 541-73-1   | m-Dichlorobenzene           | ND               | 500                | 453        | 91      | 446         | 89       | 2   | 75-124/16         |
| 95-50-1    | o-Dichlorobenzene           | ND               | 500                | 452        | 90      | 460         | 92       | 2   | 76-124/16         |
| 106-46-7   | p-Dichlorobenzene           | ND               | 500                | 482        | 96      | 470         | 94       | 3   | 75-124/16         |
| 156-60-5   | trans-1,2-Dichloroethylene  | ND               | 500                | 557        | 111     | 563         | 113      | 1   | 71-126/18         |
| 10061-02-6 | trans-1,3-Dichloropropene   | ND               | 500                | 410        | 82      | 384         | 77       | 7   | 71-126/16         |
| 100-41-4   | Ethylbenzene                | 43.0             | 500                | 560        | 103     | 536         | 99       | 4   | 76-126/17         |
| 637-92-3   | Ethyl Tert Butyl Ether      | ND               | 500                | 569        | 114     | 599         | 120      | 5   | 75-134/17         |

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample      | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| C29468-5MS  | U13289.D | 25 | 09/04/13 | TF | n/a       | n/a        | VU514            |
| C29468-5MSD | U13290.D | 25 | 09/04/13 | TF | n/a       | n/a        | VU514            |
| C29468-5    | U13275.D | 25 | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No.   | Compound                  | C29468-5<br>ug/l | Spike<br>Q<br>ug/l | MS<br>ug/l | MS<br>% | MSD<br>ug/l | MSD<br>% | RPD    | Limits<br>Rec/RPD |           |
|-----------|---------------------------|------------------|--------------------|------------|---------|-------------|----------|--------|-------------------|-----------|
| 591-78-6  | 2-Hexanone                | ND               |                    | 2000       | 1840    | 92          | 1720     | 86     | 7                 | 67-150/22 |
| 87-68-3   | Hexachlorobutadiene       | ND               |                    | 500        | 486     | 97          | 454      | 91     | 7                 | 69-135/20 |
| 98-82-8   | Isopropylbenzene          | 21.0             | J                  | 500        | 526     | 101         | 499      | 96     | 5                 | 61-125/17 |
| 99-87-6   | p-Isopropyltoluene        | ND               |                    | 500        | 473     | 95          | 461      | 92     | 3                 | 68-127/18 |
| 108-10-1  | 4-Methyl-2-pentanone      | ND               |                    | 2000       | 2050    | 103         | 1950     | 98     | 5                 | 71-142/21 |
| 74-83-9   | Methyl bromide            | ND               |                    | 500        | 660     | 132         | 680      | 136* b | 3                 | 68-132/18 |
| 74-87-3   | Methyl chloride           | ND               |                    | 500        | 603     | 121         | 611      | 122    | 1                 | 39-150/28 |
| 74-95-3   | Methylene bromide         | ND               |                    | 500        | 563     | 113         | 539      | 108    | 4                 | 77-127/16 |
| 75-09-2   | Methylene chloride        | ND               |                    | 500        | 557     | 111         | 569      | 114    | 2                 | 67-128/18 |
| 78-93-3   | Methyl ethyl ketone       | ND               |                    | 2000       | 2000    | 100         | 2020     | 101    | 1                 | 56-155/23 |
| 1634-04-4 | Methyl Tert Butyl Ether   | ND               |                    | 500        | 589     | 118         | 622      | 124    | 5                 | 73-132/17 |
| 91-20-3   | Naphthalene               | 34.3             | J                  | 500        | 614     | 116         | 630      | 119    | 3                 | 70-136/20 |
| 103-65-1  | n-Propylbenzene           | 45.4             | J                  | 500        | 493     | 90          | 493      | 90     | 0                 | 71-127/17 |
| 100-42-5  | Styrene                   | ND               |                    | 500        | 381     | 76          | 399      | 80     | 5                 | 72-134/16 |
| 994-05-8  | Tert-Amyl Methyl Ether    | ND               |                    | 500        | 609     | 122         | 633      | 127    | 4                 | 73-133/17 |
| 75-65-0   | Tert-Butyl Alcohol        | ND               |                    | 2500       | 2880    | 115         | 2960     | 118    | 3                 | 60-149/26 |
| 630-20-6  | 1,1,1,2-Tetrachloroethane | ND               |                    | 500        | 495     | 99          | 472      | 94     | 5                 | 77-130/16 |
| 71-55-6   | 1,1,1-Trichloroethane     | ND               |                    | 500        | 542     | 108         | 522      | 104    | 4                 | 74-128/19 |
| 79-34-5   | 1,1,2,2-Tetrachloroethane | ND               |                    | 500        | 519     | 104         | 520      | 104    | 0                 | 77-129/17 |
| 79-00-5   | 1,1,2-Trichloroethane     | ND               |                    | 500        | 535     | 107         | 513      | 103    | 4                 | 77-125/16 |
| 87-61-6   | 1,2,3-Trichlorobenzene    | ND               |                    | 500        | 539     | 108         | 546      | 109    | 1                 | 70-133/18 |
| 96-18-4   | 1,2,3-Trichloropropane    | ND               |                    | 500        | 424     | 85          | 407      | 81     | 4                 | 69-126/18 |
| 120-82-1  | 1,2,4-Trichlorobenzene    | ND               |                    | 500        | 494     | 99          | 497      | 99     | 1                 | 68-129/17 |
| 95-63-6   | 1,2,4-Trimethylbenzene    | 49.9             | J                  | 500        | 567     | 103         | 552      | 100    | 3                 | 74-129/17 |
| 108-67-8  | 1,3,5-Trimethylbenzene    | 7.3              | J                  | 500        | 554     | 109         | 539      | 106    | 3                 | 77-129/17 |
| 127-18-4  | Tetrachloroethylene       | ND               |                    | 500        | 431     | 86          | 414      | 83     | 4                 | 69-127/20 |
| 108-88-3  | Toluene                   | 70.0             |                    | 500        | 567     | 99          | 569      | 100    | 0                 | 75-122/17 |
| 79-01-6   | Trichloroethylene         | ND               |                    | 500        | 554     | 111         | 514      | 103    | 7                 | 78-123/17 |
| 75-69-4   | Trichlorofluoromethane    | ND               |                    | 500        | 665     | 133         | 653      | 131    | 2                 | 65-136/23 |
| 75-01-4   | Vinyl chloride            | ND               |                    | 500        | 590     | 118         | 584      | 117    | 1                 | 57-146/22 |
| 1330-20-7 | Xylene (total)            | 268              |                    | 1500       | 1790    | 101         | 1740     | 98     | 3                 | 77-125/17 |

| CAS No.   | Surrogate Recoveries | MS   | MSD  | C29468-5 | Limits  |
|-----------|----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 107% | 107% | 110%     | 70-130% |

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample      | File ID  | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| C29468-5MS  | U13289.D | 25 | 09/04/13 | TF | n/a       | n/a        | VU514            |
| C29468-5MSD | U13290.D | 25 | 09/04/13 | TF | n/a       | n/a        | VU514            |
| C29468-5    | U13275.D | 25 | 09/04/13 | TF | n/a       | n/a        | VU514            |

The QC reported here applies to the following samples:

Method: SW846 8260B

C29469-5

| CAS No.   | Surrogate Recoveries | MS   | MSD  | C29468-5 | Limits  |
|-----------|----------------------|------|------|----------|---------|
| 2037-26-5 | Toluene-D8           | 95%  | 98%  | 101%     | 70-130% |
| 460-00-4  | 4-Bromofluorobenzene | 108% | 108% | 108%     | 70-130% |

- (a) Outside laboratory control limits.
- (b) Outside control limits.

\* = Outside of Control Limits.

## GC Semi-volatiles

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### QC Data Summaries

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Includes the following where applicable:

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

# Method Blank Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample    | File ID     | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-------------|----|----------|----|-----------|------------|------------------|
| OP8621-MB | HH307204.D1 |    | 08/31/13 | AG | 08/30/13  | OP8621     | GHH1064          |

The QC reported here applies to the following samples:

Method: SW846 8015B M

C29469-2, C29469-3, C29469-4, C29469-6, C29469-7

| CAS No. | Compound              | Result | RL   | Units | Q |
|---------|-----------------------|--------|------|-------|---|
|         | TPH (C10-C28)         | ND     | 0.10 | mg/l  |   |
|         | TPH (Diesel)          | ND     | 0.10 | mg/l  |   |
|         | TPH (Motor Oil)       | ND     | 0.20 | mg/l  |   |
|         | TPH (Mineral Spirits) | ND     | 0.10 | mg/l  |   |
|         | TPH (Kerosene)        | ND     | 0.10 | mg/l  |   |

| CAS No.  | Surrogate Recoveries | Limits       |
|----------|----------------------|--------------|
| 630-01-3 | Hexacosane           | 110% 32-124% |

7.1.1  
7

# Blank Spike/Blank Spike Duplicate Summary

**Job Number:** C29469  
**Account:** CCCAA Cameron-Cole  
**Project:** T0600118672-AC Transit, Emeryville, CA

| Sample     | File ID     | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-------------|----|----------|----|-----------|------------|------------------|
| OP8621-BS  | HH307211.D1 |    | 08/31/13 | AG | 08/30/13  | OP8621     | GHH1064          |
| OP8621-BSD | HH307212.D1 |    | 08/31/13 | AG | 08/30/13  | OP8621     | GHH1064          |

The QC reported here applies to the following samples:

Method: SW846 8015B M

C29469-2, C29469-3, C29469-4, C29469-6, C29469-7

| CAS No. | Compound        | Spike mg/l | BSP mg/l | BSP % | BSD mg/l | BSD % | RPD | Limits Rec/RPD |
|---------|-----------------|------------|----------|-------|----------|-------|-----|----------------|
|         | TPH (C10-C28)   | 1          | 0.766    | 77    | 0.788    | 79    | 3   | 38-115/22      |
|         | TPH (Diesel)    | 1          | 0.763    | 76    | 0.787    | 79    | 3   | 38-115/22      |
|         | TPH (Motor Oil) | 1          | 0.922    | 92    | 0.964    | 96    | 4   | 45-114/20      |

| CAS No.  | Surrogate Recoveries | BSP  | BSD  | Limits  |
|----------|----------------------|------|------|---------|
| 630-01-3 | Hexacosane           | 106% | 108% | 32-124% |

\* = Outside of Control Limits.

7.2.1  
 7



## Metals Analysis

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### QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: C29469  
Account: CCCAA - Cameron-Cole  
Project: T0600118672-AC Transit, Emeryville, CA

QC Batch ID: MP6655  
Matrix Type: AQUEOUS

Methods: SW846 6010B  
Units: ug/l

Prep Date: 09/04/13

| Metal      | RL    | IDL | MDL | MB<br>raw | final |
|------------|-------|-----|-----|-----------|-------|
| Aluminum   | 200   | 13  | 8.5 |           |       |
| Antimony   | 6.0   | .7  | .51 |           |       |
| Arsenic    | 10    | .7  | .65 |           |       |
| Barium     | 200   | .4  | .35 |           |       |
| Beryllium  | 5.0   | .2  | .4  |           |       |
| Bismuth    | 20    |     | 2.9 |           |       |
| Boron      | 100   | .9  | .64 |           |       |
| Cadmium    | 2.0   | .2  | .15 | -0.40     | <2.0  |
| Calcium    | 5000  | 7.1 | 12  |           |       |
| Chromium   | 10    | .3  | .41 | -0.10     | <10   |
| Cobalt     | 5.0   | .2  | .3  |           |       |
| Copper     | 10    | 1.2 | 3   |           |       |
| Iron       | 200   | 6.4 | 12  |           |       |
| Lead       | 10    | .7  | .85 | -0.70     | <10   |
| Lithium    | 50    |     | 2   |           |       |
| Magnesium  | 5000  | 27  | 36  |           |       |
| Manganese  | 15    | .1  | 1.3 |           |       |
| Molybdenum | 20    | .2  | .22 |           |       |
| Nickel     | 5.0   | .2  | .12 | -0.10     | <5.0  |
| Potassium  | 10000 | 18  | 44  |           |       |
| Selenium   | 10    | 1.8 | 2.2 |           |       |
| Silicon    | 100   | 1.2 | 6.9 |           |       |
| Silver     | 5.0   | .3  | .47 |           |       |
| Sodium     | 10000 | 15  | 13  |           |       |
| Strontium  | 10    | .2  | .24 |           |       |
| Thallium   | 10    | .5  | .54 |           |       |
| Tin        | 50    | .2  | .7  |           |       |
| Titanium   | 10    | .4  | .34 |           |       |
| Vanadium   | 10    | .3  | .3  |           |       |
| Zinc       | 20    | .3  | 4.2 | 2.3       | <20   |

Associated samples MP6655: C29469-5F

Results < IDL are shown as zero for calculation purposes  
(\* ) Outside of QC limits  
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C29469  
 Account: CCCAA - Cameron-Cole  
 Project: T0600118672-AC Transit, Emeryville, CA

QC Batch ID: MP6655  
 Matrix Type: AQUEOUS

Methods: SW846 6010B  
 Units: ug/l

Prep Date: 09/04/13

| Metal      | C29469-5F<br>Original MS |     | Spike<br>MPIR4A | % Rec    | QC<br>Limits |
|------------|--------------------------|-----|-----------------|----------|--------------|
| Aluminum   |                          |     |                 |          |              |
| Antimony   |                          |     |                 |          |              |
| Arsenic    |                          |     |                 |          |              |
| Barium     |                          |     |                 |          |              |
| Beryllium  |                          |     |                 |          |              |
| Bismuth    |                          |     |                 |          |              |
| Boron      |                          |     |                 |          |              |
| Cadmium    | 0.0                      | 502 | 500             | 100.4    | 75-125       |
| Calcium    |                          |     |                 |          |              |
| Chromium   | 1.1                      | 534 | 500             | 106.6    | 75-125       |
| Cobalt     |                          |     |                 |          |              |
| Copper     |                          |     |                 |          |              |
| Iron       |                          |     |                 |          |              |
| Lead       | 0.0                      | 515 | 500             | 103.0    | 75-125       |
| Lithium    |                          |     |                 |          |              |
| Magnesium  |                          |     |                 |          |              |
| Manganese  |                          |     |                 |          |              |
| Molybdenum |                          |     |                 |          |              |
| Nickel     | 5.5                      | 513 | 500             | 101.5    | 75-125       |
| Potassium  |                          |     |                 |          |              |
| Selenium   |                          |     |                 |          |              |
| Silicon    |                          |     |                 |          |              |
| Silver     |                          |     |                 |          |              |
| Sodium     |                          |     |                 |          |              |
| Strontium  |                          |     |                 |          |              |
| Thallium   |                          |     |                 |          |              |
| Tin        |                          |     |                 |          |              |
| Titanium   |                          |     |                 |          |              |
| Vanadium   |                          |     |                 |          |              |
| Zinc       | 178                      | 538 | 500             | 72.0N(a) | 75-125       |

Associated samples MP6655: C29469-5F

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

8.12  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C29469  
Account: CCCAA - Cameron-Cole  
Project: T0600118672-AC Transit, Emeryville, CA

QC Batch ID: MP6655  
Matrix Type: AQUEOUS

Methods: SW846 6010B  
Units: ug/l

Prep Date:

Metal

(a) Spike recovery indicates possible matrix interference.

8.1.2

8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C29469  
 Account: CCCAA - Cameron-Cole  
 Project: T0600118672-AC Transit, Emeryville, CA

QC Batch ID: MP6655  
 Matrix Type: AQUEOUS

Methods: SW846 6010B  
 Units: ug/l

Prep Date: 09/04/13

| Metal      | C29469-5F<br>Original MSD |     | SpikeLot<br>MPIR4A % Rec |          | MSD<br>RPD | QC<br>Limit |
|------------|---------------------------|-----|--------------------------|----------|------------|-------------|
| Aluminum   |                           |     |                          |          |            |             |
| Antimony   |                           |     |                          |          |            |             |
| Arsenic    |                           |     |                          |          |            |             |
| Barium     |                           |     |                          |          |            |             |
| Beryllium  |                           |     |                          |          |            |             |
| Bismuth    |                           |     |                          |          |            |             |
| Boron      |                           |     |                          |          |            |             |
| Cadmium    | 0.0                       | 501 | 500                      | 100.2    | 0.2        | 20          |
| Calcium    |                           |     |                          |          |            |             |
| Chromium   | 1.1                       | 535 | 500                      | 106.8    | 0.2        | 20          |
| Cobalt     |                           |     |                          |          |            |             |
| Copper     |                           |     |                          |          |            |             |
| Iron       |                           |     |                          |          |            |             |
| Lead       | 0.0                       | 512 | 500                      | 102.4    | 0.6        | 20          |
| Lithium    |                           |     |                          |          |            |             |
| Magnesium  |                           |     |                          |          |            |             |
| Manganese  |                           |     |                          |          |            |             |
| Molybdenum |                           |     |                          |          |            |             |
| Nickel     | 5.5                       | 510 | 500                      | 100.9    | 0.6        | 20          |
| Potassium  |                           |     |                          |          |            |             |
| Selenium   |                           |     |                          |          |            |             |
| Silicon    |                           |     |                          |          |            |             |
| Silver     |                           |     |                          |          |            |             |
| Sodium     |                           |     |                          |          |            |             |
| Strontium  |                           |     |                          |          |            |             |
| Thallium   |                           |     |                          |          |            |             |
| Tin        |                           |     |                          |          |            |             |
| Titanium   |                           |     |                          |          |            |             |
| Vanadium   |                           |     |                          |          |            |             |
| Zinc       | 178                       | 536 | 500                      | 71.6N(a) | 0.4        | 20          |

Associated samples MP6655: C29469-5F

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested

8.12  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C29469  
Account: CCCAA - Cameron-Cole  
Project: T0600118672-AC Transit, Emeryville, CA

QC Batch ID: MP6655  
Matrix Type: AQUEOUS

Methods: SW846 6010B  
Units: ug/l

Prep Date:

Metal

(a) Spike recovery indicates possible matrix interference.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C29469  
 Account: CCCAA - Cameron-Cole  
 Project: T0600118672-AC Transit, Emeryville, CA

QC Batch ID: MP6655  
 Matrix Type: AQUEOUS

Methods: SW846 6010B  
 Units: ug/l

Prep Date: 09/04/13 09/04/13

| Metal      | BSP<br>Result | Spikelot<br>MPIR4A | % Rec | QC<br>Limits | BSD<br>Result | Spikelot<br>MPIR4A | % Rec | BSD<br>RPD | QC<br>Limit |
|------------|---------------|--------------------|-------|--------------|---------------|--------------------|-------|------------|-------------|
| Aluminum   |               |                    |       |              |               |                    |       |            |             |
| Antimony   |               |                    |       |              |               |                    |       |            |             |
| Arsenic    |               |                    |       |              |               |                    |       |            |             |
| Barium     |               |                    |       |              |               |                    |       |            |             |
| Beryllium  |               |                    |       |              |               |                    |       |            |             |
| Bismuth    |               |                    |       |              |               |                    |       |            |             |
| Boron      |               |                    |       |              |               |                    |       |            |             |
| Cadmium    | 501           | 500                | 100.2 | 80-120       | 500           | 500                | 100.0 | 0.2        |             |
| Calcium    |               |                    |       |              |               |                    |       |            |             |
| Chromium   | 539           | 500                | 107.8 | 80-120       | 538           | 500                | 107.6 | 0.2        |             |
| Cobalt     |               |                    |       |              |               |                    |       |            |             |
| Copper     |               |                    |       |              |               |                    |       |            |             |
| Iron       |               |                    |       |              |               |                    |       |            |             |
| Lead       | 513           | 500                | 102.6 | 80-120       | 513           | 500                | 102.6 | 0.0        |             |
| Lithium    |               |                    |       |              |               |                    |       |            |             |
| Magnesium  |               |                    |       |              |               |                    |       |            |             |
| Manganese  |               |                    |       |              |               |                    |       |            |             |
| Molybdenum |               |                    |       |              |               |                    |       |            |             |
| Nickel     | 505           | 500                | 101.0 | 80-120       | 504           | 500                | 100.8 | 0.2        |             |
| Potassium  |               |                    |       |              |               |                    |       |            |             |
| Selenium   |               |                    |       |              |               |                    |       |            |             |
| Silicon    |               |                    |       |              |               |                    |       |            |             |
| Silver     |               |                    |       |              |               |                    |       |            |             |
| Sodium     |               |                    |       |              |               |                    |       |            |             |
| Strontium  |               |                    |       |              |               |                    |       |            |             |
| Thallium   |               |                    |       |              |               |                    |       |            |             |
| Tin        |               |                    |       |              |               |                    |       |            |             |
| Titanium   |               |                    |       |              |               |                    |       |            |             |
| Vanadium   |               |                    |       |              |               |                    |       |            |             |
| Zinc       | 547           | 500                | 109.4 | 80-120       | 581           | 500                | 116.2 | 6.0        |             |

Associated samples MP6655: C29469-5F

Results < IDL are shown as zero for calculation purposes  
 (\*) Outside of QC limits  
 (anr) Analyte not requested

8.1.3  
**8**

SERIAL DILUTION RESULTS SUMMARY

Login Number: C29469  
 Account: CCCAA - Cameron-Cole  
 Project: T0600118672-AC Transit, Emeryville, CA

QC Batch ID: MP6655  
 Matrix Type: AQUEOUS

Methods: SW846 6010B  
 Units: ug/l

Prep Date: 09/04/13

| Metal      | C29469-5F<br>Original SDL 1:5 |      | %DIF     | QC<br>Limits |
|------------|-------------------------------|------|----------|--------------|
| Aluminum   |                               |      |          |              |
| Antimony   |                               |      |          |              |
| Arsenic    |                               |      |          |              |
| Barium     |                               |      |          |              |
| Beryllium  |                               |      |          |              |
| Bismuth    |                               |      |          |              |
| Boron      |                               |      |          |              |
| Cadmium    | 0.00                          | 0.00 | NC       | 0-10         |
| Calcium    |                               |      |          |              |
| Chromium   | 1.10                          | 0.00 | 100.0(a) | 0-10         |
| Cobalt     |                               |      |          |              |
| Copper     |                               |      |          |              |
| Iron       |                               |      |          |              |
| Lead       | 0.00                          | 0.00 | NC       | 0-10         |
| Lithium    |                               |      |          |              |
| Magnesium  |                               |      |          |              |
| Manganese  |                               |      |          |              |
| Molybdenum |                               |      |          |              |
| Nickel     | 5.50                          | 3.80 | 30.9 (a) | 0-10         |
| Potassium  |                               |      |          |              |
| Selenium   |                               |      |          |              |
| Silicon    |                               |      |          |              |
| Silver     |                               |      |          |              |
| Sodium     |                               |      |          |              |
| Strontium  |                               |      |          |              |
| Thallium   |                               |      |          |              |
| Tin        |                               |      |          |              |
| Titanium   |                               |      |          |              |
| Vanadium   |                               |      |          |              |
| Zinc       | 178                           | 181  | 1.3      | 0-10         |

Associated samples MP6655: C29469-5F

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

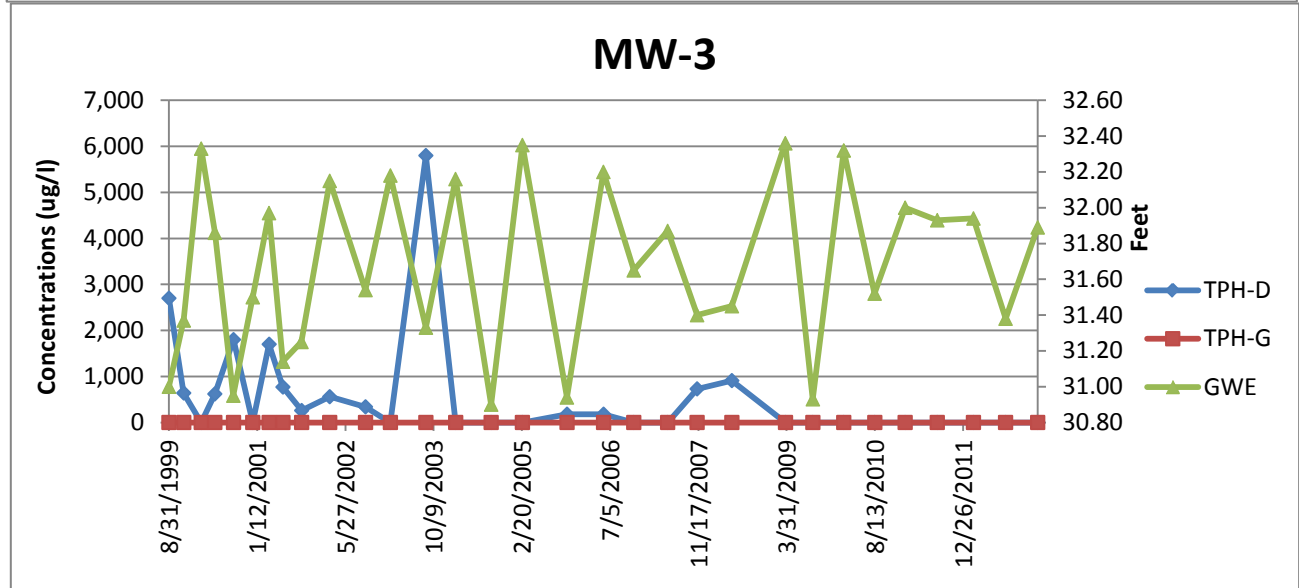
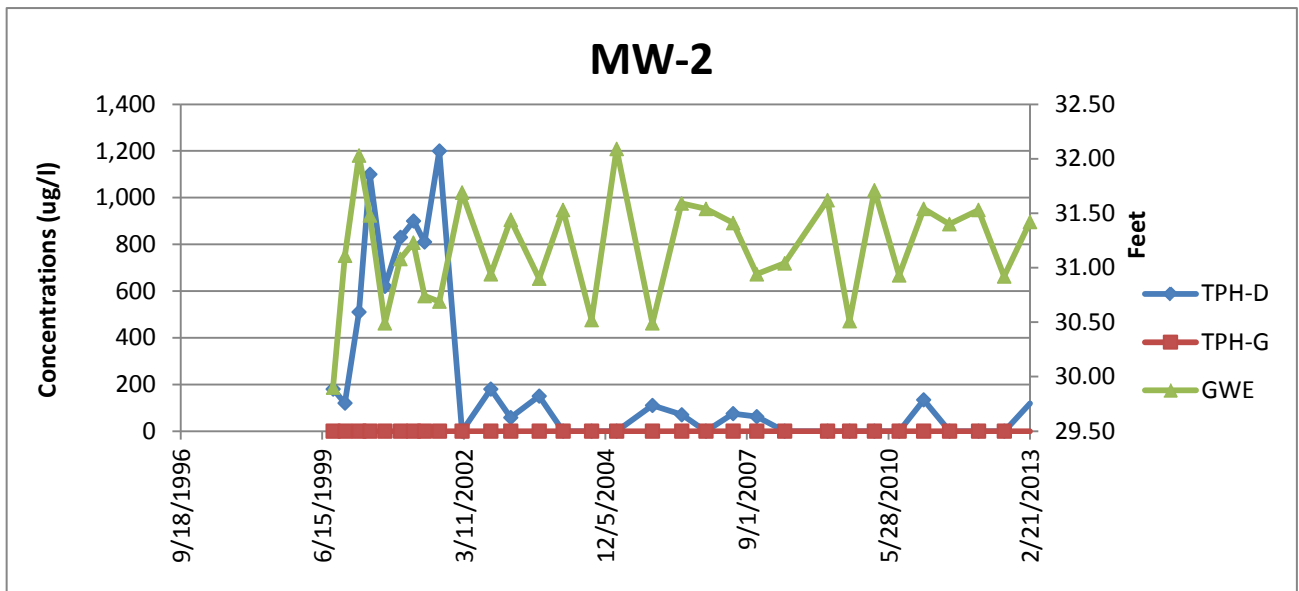
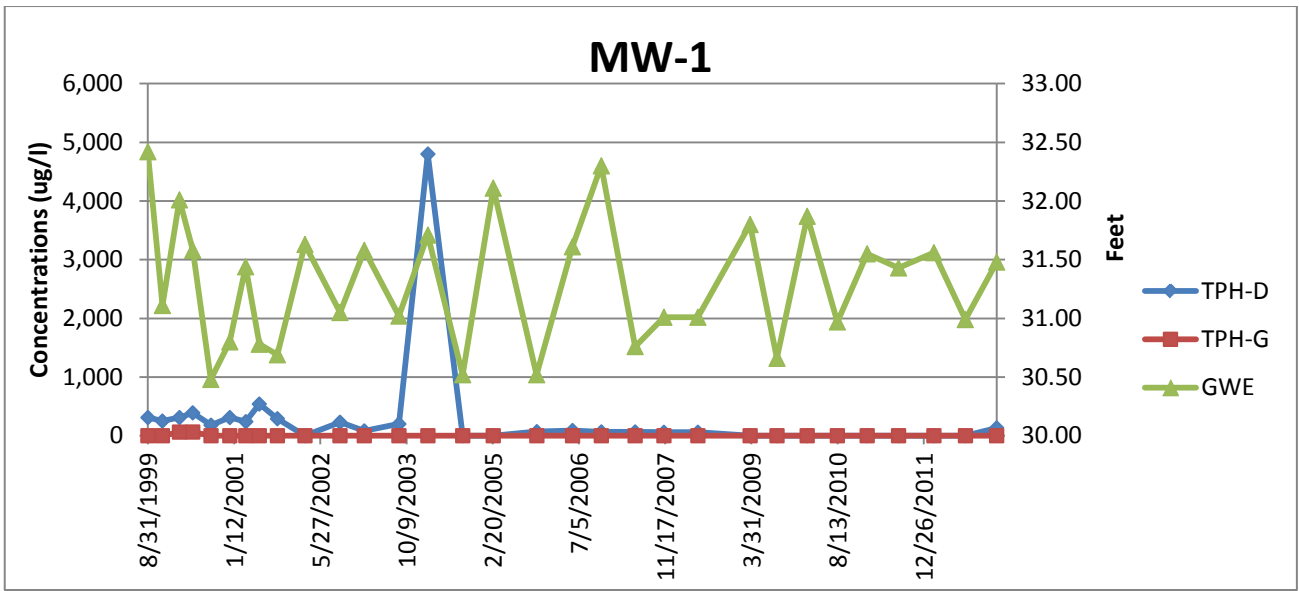
(anr) Analyte not requested

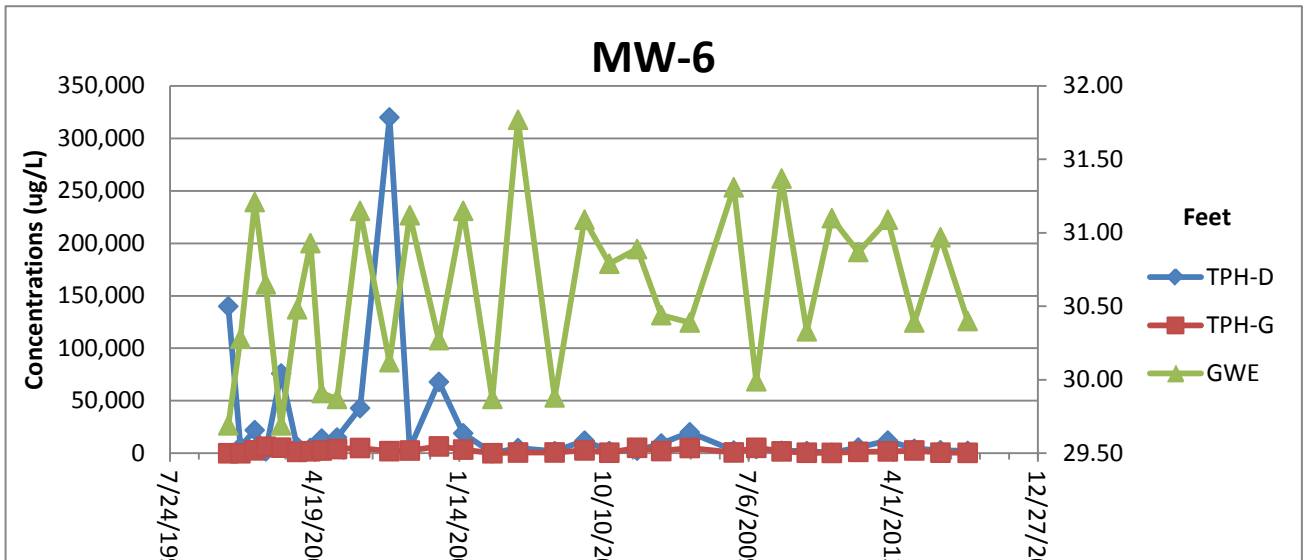
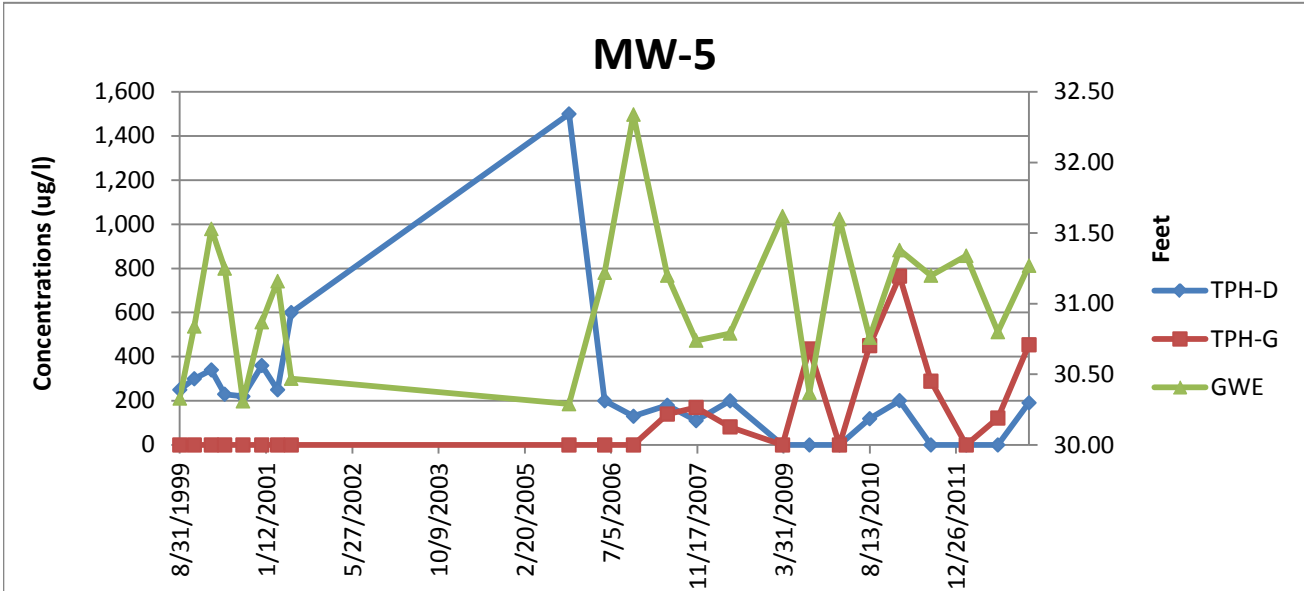
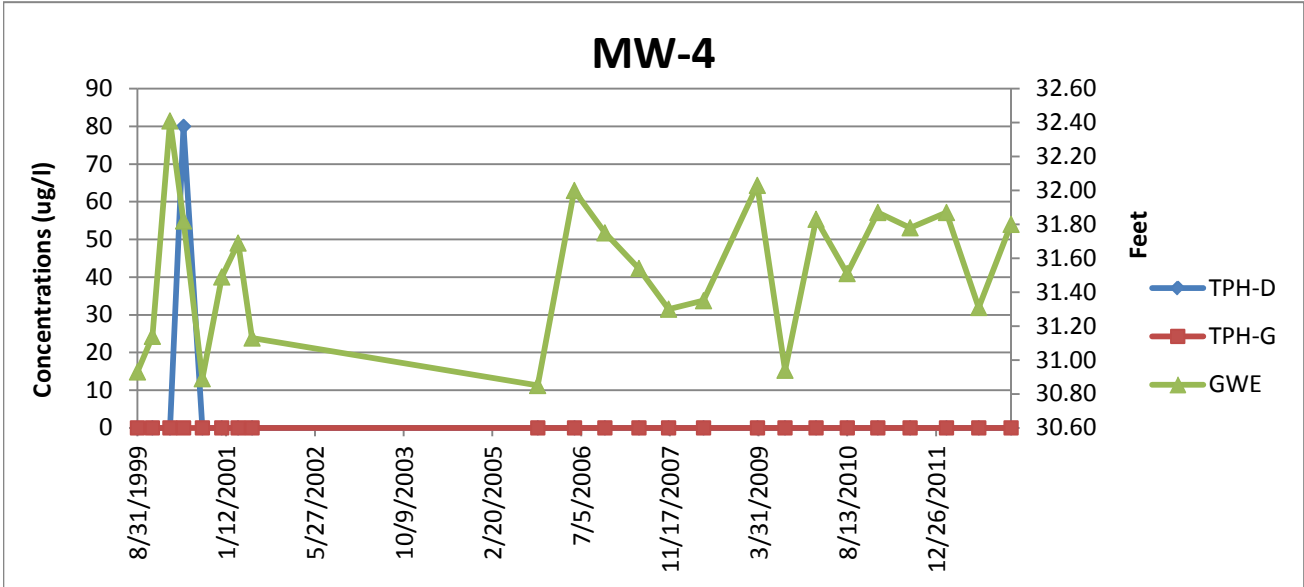
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

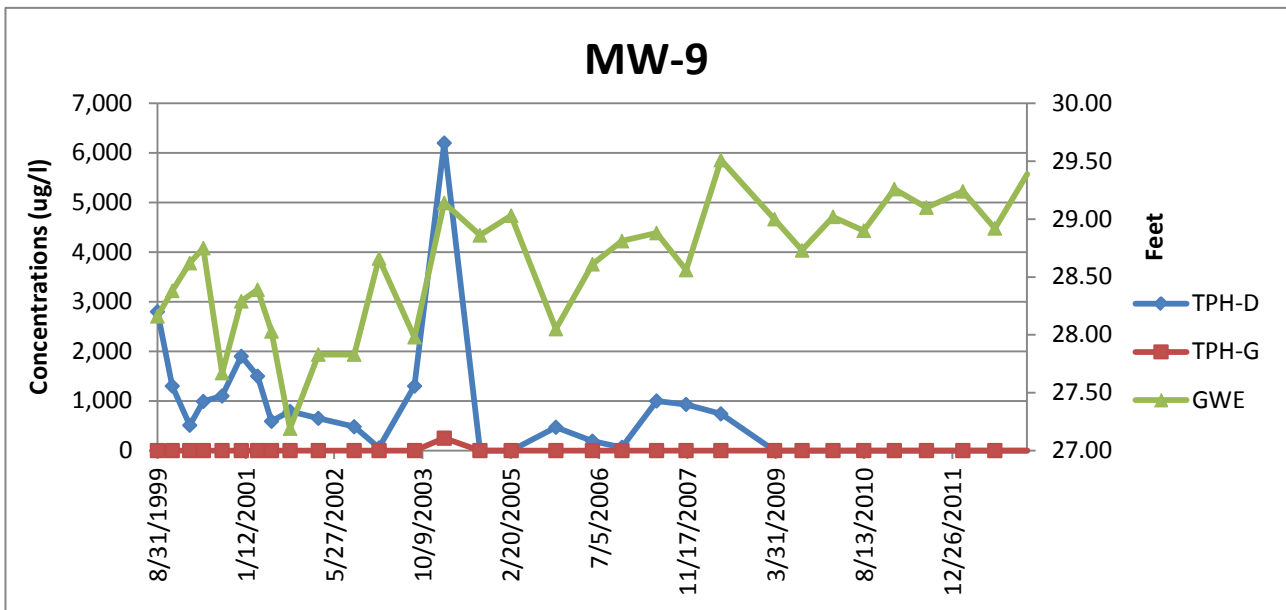
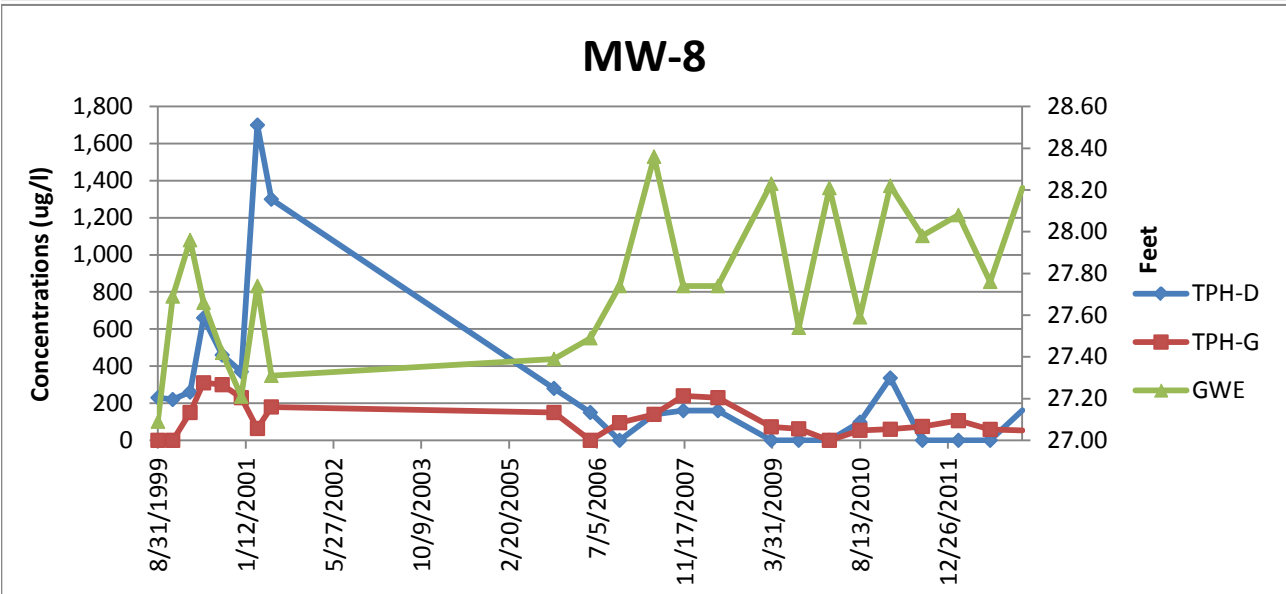
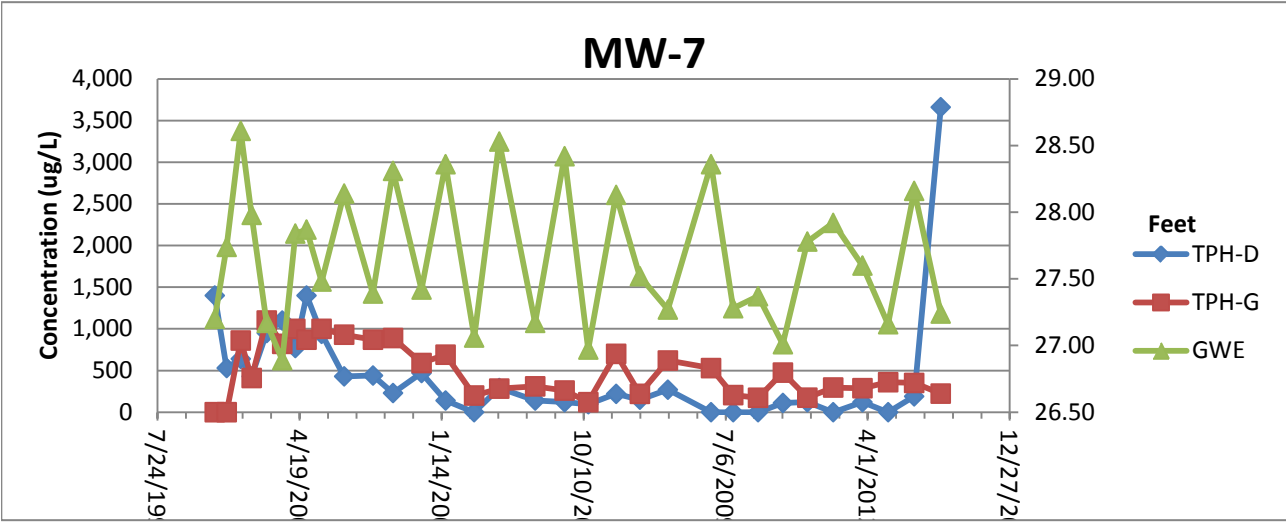


## **APPENDIX B**

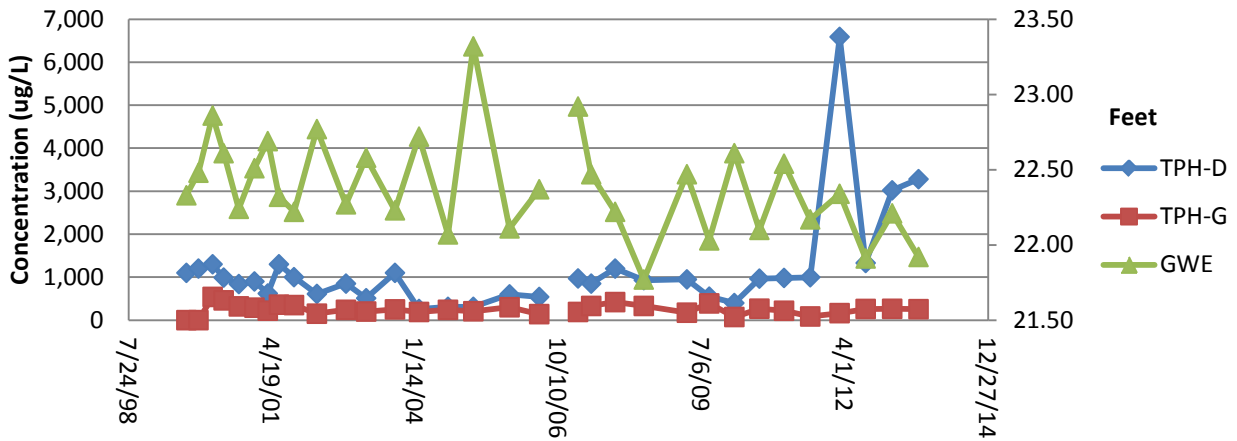
### **CONCENTRATION VS. TIME GRAPHS**



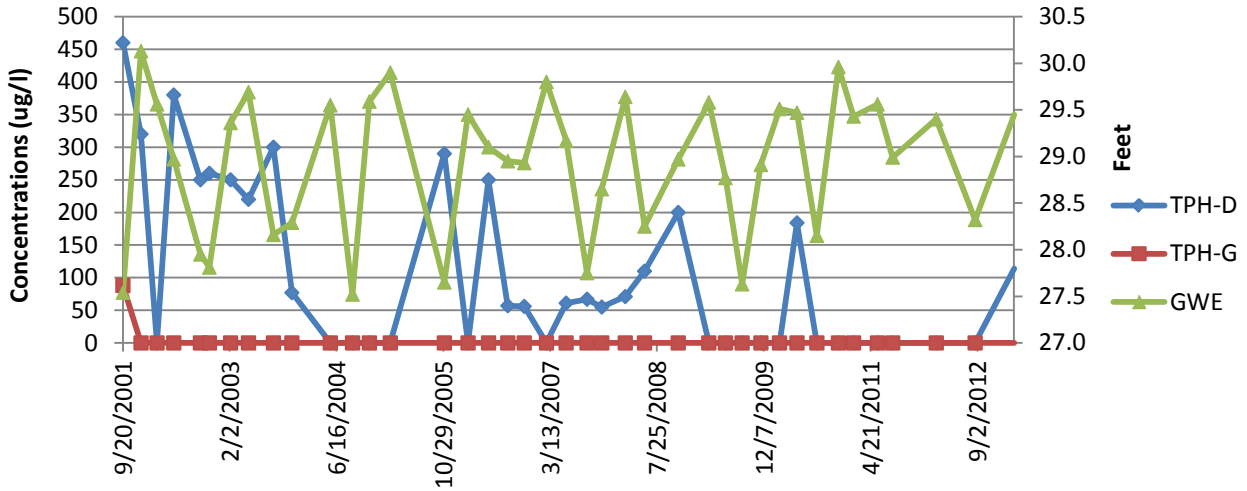




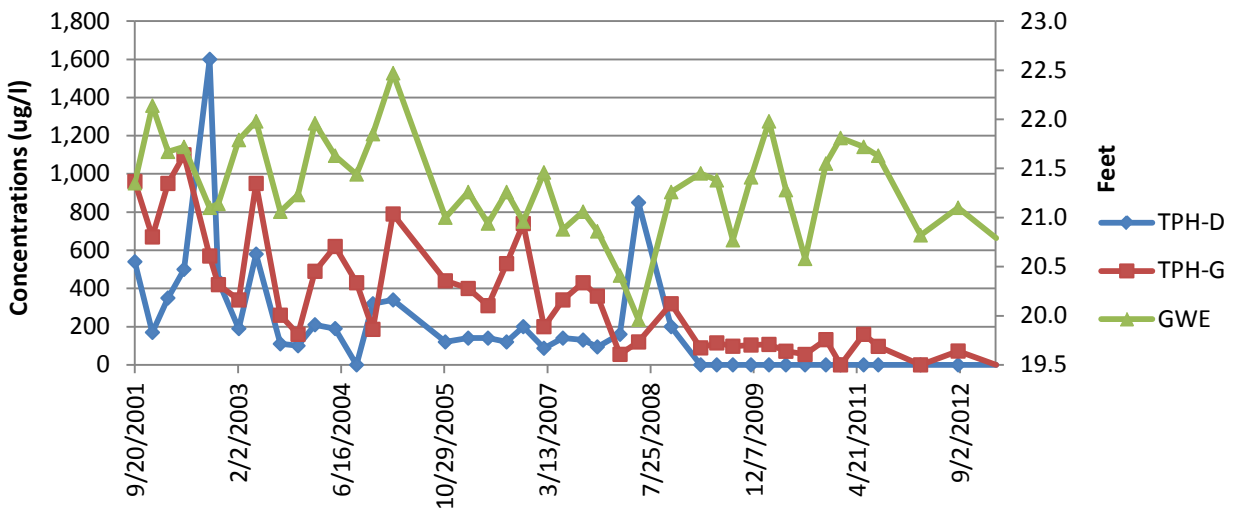
### MW-10

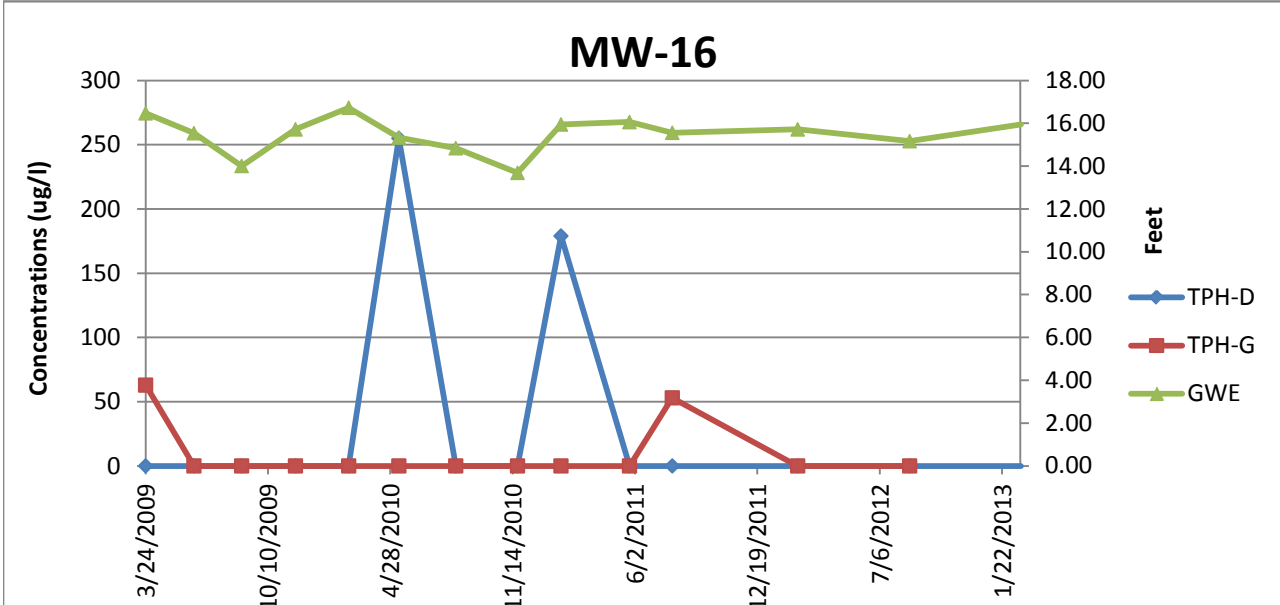
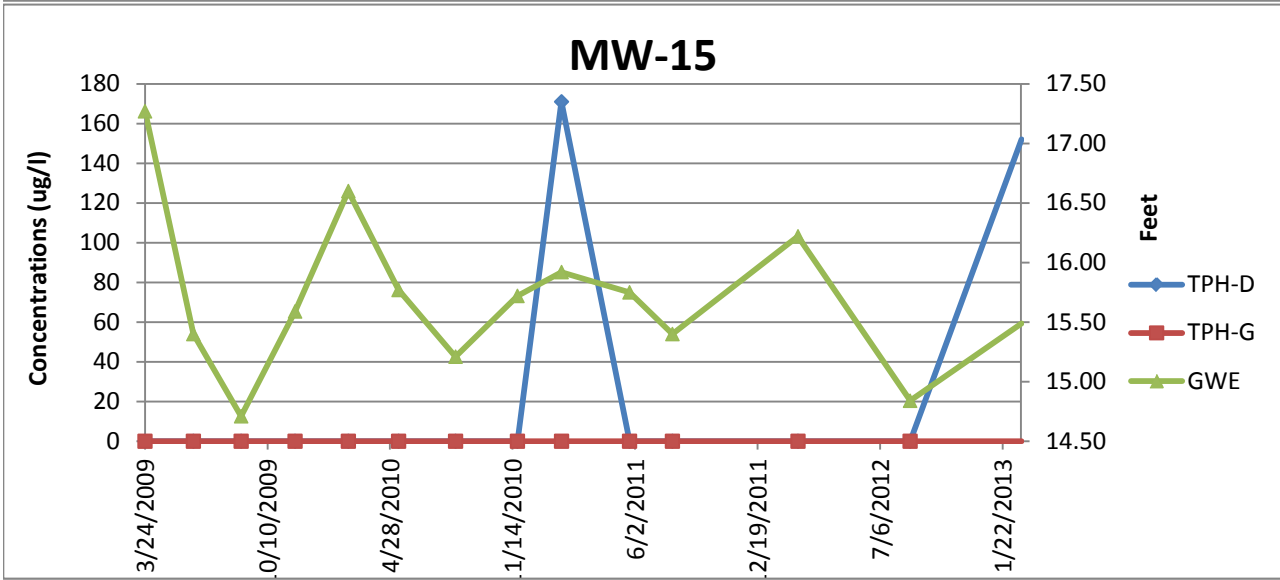
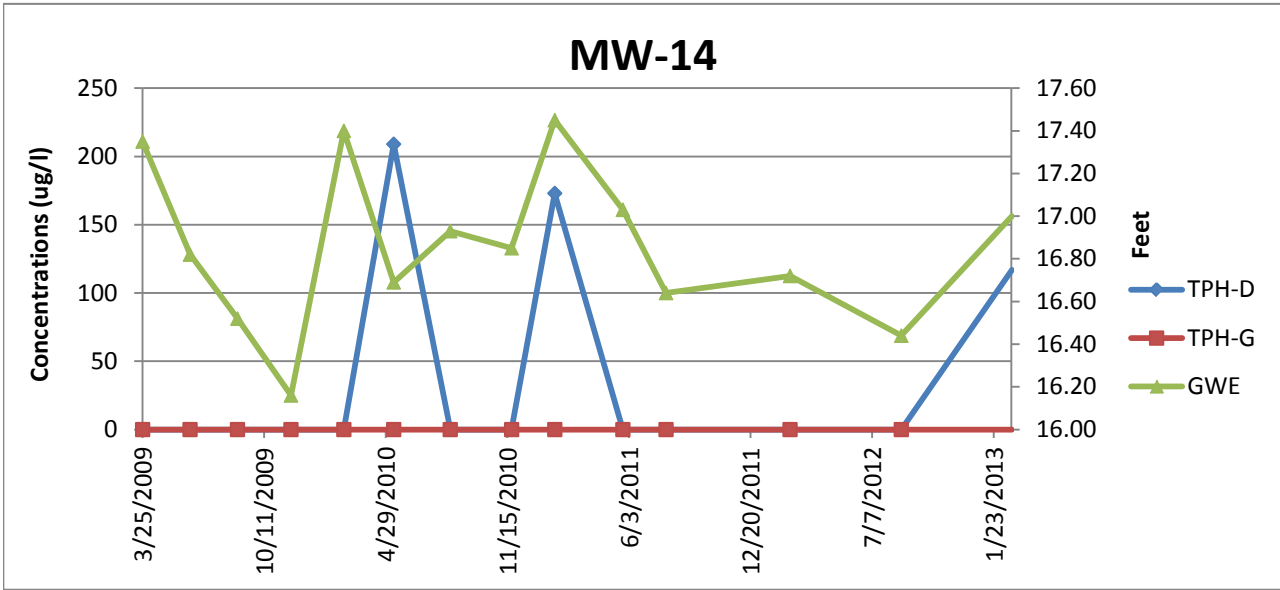


### MW-11



### MW-12





# W-1

