

**RECEIVED**

*By Alameda County Environmental Health at 3:03 pm, Jul 23, 2014*

# FIRST QUARTER 2014 GROUNDWATER MONITORING REPORT

---

FORMER CALTRANS HEGENBERGER  
MAINTENANCE STATION  
555 HEGENBERGER ROAD  
OAKLAND, ALAMEDA COUNTY, CALIFORNIA



**GEOCON**  
CONSULTANTS, INC.

GEOTECHNICAL  
ENVIRONMENTAL  
MATERIALS

PREPARED FOR

CALIFORNIA DEPARTMENT OF  
TRANSPORTATION, DISTRICT 4  
OFFICE OF ENVIRONMENTAL ENGINEERING  
111 GRAND AVENUE, 14<sup>TH</sup> FLOOR  
OAKLAND, CA

PREPARED BY

GEOCON CONSULTANTS, INC.  
6671 BRISA ST.  
LIVERMORE, CA 94550

CALTRANS CONTRACT NO. 04A4337  
TASK ORDER NO. 1

GEOCON PROJECT NO. E8722-02-01B

JULY 2014



Geocon Project No. E8722-02-01B  
July 11, 2014

Mr. Ramin Behani  
Caltrans – District 4  
Office of Environmental Engineering, MS 8C  
111 Grand Avenue, 14<sup>th</sup> Floor  
Oakland, California 94623

Subject: FIRST QUARTER 2014  
GROUNDWATER MONITORING REPORT  
FORMER CALTRANS HEGENBERGER MAINTENANCE STATION  
555 HEGENBERGER ROAD  
OAKLAND, ALAMEDA COUNTY, CALIFORNIA

Dear Mr. Behani:

Geocon has prepared this *First Quarter 2014 Groundwater Monitoring Report* for the Former Caltrans Maintenance Station site. The report contains details of field services and laboratory analytical results.

Caltrans' authorization to submit this report is provided as Appendix C.

If there are any questions concerning the contents of this report, or if Geocon may be of further service, please contact the undersigned at your convenience.

Sincerely,

GEOCON CONSULTANTS, INC.

John Love  
Sr. Project Geologist



Richard Day, CEG, CHG  
Senior Geologist

- (5) Addressee
- (1) Keith Nowell, Alameda County LOP

**TABLE OF CONTENTS**

**FIRST QUARTER 2014 GROUNDWATER MONITORING REPORT** Page

- 1.0 GROUNDWATER MONITORING..... 1
  - 1.1 Groundwater Level Measurements ..... 1
  - 1.2 Groundwater Sampling ..... 1
  - 1.3 Laboratory Analysis and Sample Results ..... 2
  - 1.4 Purgewater Disposal ..... 2
- 2.0 CONCLUSIONS AND RECOMMENDATIONS..... 3
- 3.0 LIMITATIONS ..... 4

**FIGURES**

- 1. Vicinity Map
- 2. Site Plan
- 3. Groundwater Elevation Map – March 2014
- 4. Groundwater Sample Results Map – March 2014

**TABLES**

- 1. Monitoring Well Construction Details
- 2. Depth to Water and Groundwater Sample Results

**APPENDICES**

- A. Monitoring Well Sampling and Data Sheets
- B. Analytical Laboratory Data Sheets and Chain-of-Custody
- C. Caltrans Authorization Letter

# FIRST QUARTER 2014 GROUNDWATER SAMPLING REPORT

## 1.0 GROUNDWATER MONITORING

Geocon conducted groundwater monitoring at the Former Caltrans Hegenberger Maintenance Station site on March 31, 2014, as directed by the Alameda County Health Care Services Agency (ACHCSA) in their letter dated July 25, 2011. The site is located along the southwest corner of the intersection of South Coliseum Way and Hegenberger Road in Oakland, California (Figure 1).

There are currently five groundwater monitoring wells (MW-1 to MW-5) associated with the Former Caltrans Hegenberger Maintenance Station site. The well locations are shown on Figure 2 and their construction details are provided in Table 1.

Depth to groundwater measurements and groundwater samples were not collected from MW-2 or MW-5 during this sample event. These wells were inaccessible due to Bay Area Rapid Transit (BART) construction. The area where these two wells are located was fenced-off and locked by BART's construction contractor.

### 1.1 Groundwater Level Measurements

Depths to groundwater were measured in MW-1, MW-3, and MW-4 using an electronic water level indicator. Depths to water below top of casings (TOC) ranged from 3.48 feet in MW-3 to 4.10 feet in MW-3. Current and historical depth to groundwater measurements for each monitoring well are presented in Table 2.

Figure 3 presents the groundwater elevation contours and gradients as measured on March 31, 2014. The calculated groundwater flow direction is towards the northwest at a magnitude of 0.007 foot per foot.

### 1.2 Groundwater Sampling

Groundwater samples were collected from MW-1, MW-3, and MW-4 by purging each well using a submersible pump and collecting groundwater samples for laboratory analysis using a disposable polyethylene bailer. Approximately three well casing volumes of groundwater were purged from MW-1 and MW-4 well prior to sample collection, and approximately two well casings were purged from MW-3 before the well went dry. The well was allowed to partially recover before a groundwater sample was collected from MW-3.

Field parameters such as temperature and pH were monitored after each casing volume had been removed to insure representative groundwater from the surrounding formation had entered the well casing prior to sample collection. The Monitoring Well Sampling Data Sheets are provided as Appendix A.

Groundwater samples were collected in 40-milliliter (ml) glass vials (HCl), labeled, and placed in a chest cooled with ice for transport to the analytical laboratory.

### **1.3 Laboratory Analysis and Sample Results**

The groundwater samples collected from MW-1, MW-3, and MW-4 were submitted under chain-of-custody protocol to Advanced Technology Laboratories, a State of California-certified laboratory located in Signal Hill, California. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) and as diesel (TPHd) following EPA Test Method 8015B; and benzene, toluene, ethylbenzene, xylenes (BTEX), fuel oxygenate compounds (FOCs), and lead scavengers 1,2-dichloroethane (1,2-DCA) and ethylene dibromide (EDB) following EPA Test Method 8260B.

TPHg and TPHd were reported in the groundwater sample collected from MW-1 at concentrations of 620 micrograms per liter (ug/l) and 570 ug/l, in MW-3 at 3,600 ug/l and 1,400 ug/l, and in MW-4 at 6,100 ug/l and 1,000 ug/l.

Benzene was reported in the groundwater sample collected from MW-1, MW-3, and MW-4 at concentrations ranging from 5.7 ug/l in MW-1 to 660 ug/l in MW-3. Toluene, ethylbenzene, and xylenes were also reported in groundwater samples analyzed from these three wells at concentrations ranging from 2.3 ug/l to 21.1 ug/l.

FOCs and lead scavengers were reported as non-detect in the groundwater samples collected from MW-1, MW-3, and MW-4.

Groundwater sample results are tabulated in Table 2, and copies of the analytical laboratory data sheets are provided as Appendix B.

### **1.4 Purgewater Disposal**

Purgewater generated during this sample event was transported back to Geocon's warehouse in Livermore, California, where it was combined in a 55-gallon drum containing petroleum hydrocarbon-impacted groundwater from another site. The wastewater will be disposed by Advanced Veteran Logistical Services, Inc. during their next milk run.

## 2.0 CONCLUSIONS AND RECOMMENDATIONS

A *Site Conceptual Model*, prepared by Stantec Consulting Services, Inc. (Stantec), dated June 7, 2012, was submitted to the ACHCSA for review and comment. Recommendations included in the *Site Conceptual Model* included the following:

- Install five additional groundwater monitoring wells located radially outward from the existing wells.
- Drill a boring within the footprint of the former UST complex to assess the backfill soil type and possible residual petroleum hydrocarbon impacts to soil and groundwater within the former excavation.
- Drill one boring immediately outside the former excavation to determine whether additional excavation is warranted as a possible remedial option.
- Collect a water sample, if possible, from the storm drain located west of the former excavation area and MW-3.

Geocon generally concurs with the recommendations presented in the *Site Conceptual Model* report; however, until comments are received from the ACHCSA we recommend continuing the semi-annual groundwater sampling program.

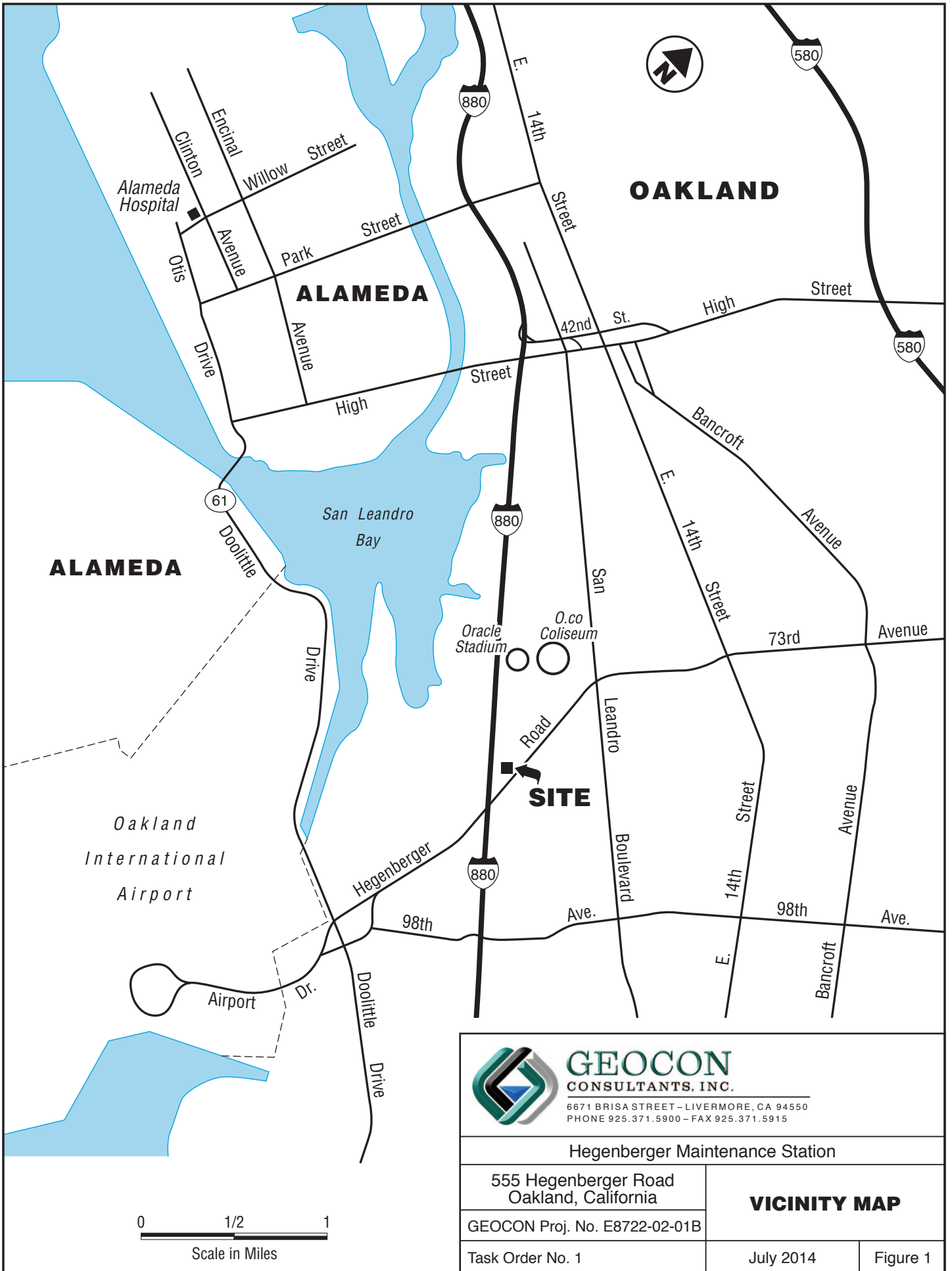
We also recommends eliminating the analysis of FOCs, 1,2-DCA, and EDB from the semi-annual sampling program as these compounds are not being detected in site wells.

### **3.0 LIMITATIONS**

Geocon has prepared this report exclusively for Caltrans. The information contained herein is only valid as of the date of the report, and will require an update to reflect additional information obtained.

The Client should not construe this report as a comprehensive site characterization. The results of the limited sampling and laboratory testing performed predicate the findings as presented in this report. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein.

Therefore, the report is conclusive with respect to the information obtained. Geocon implies no guarantee or warranty of the results of the report, within the intent of this report or any subsequent reports, correspondence or consultation either expressed or implied. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time.



**GEOCON**  
CONSULTANTS, INC.

6671 BRISA STREET - LIVERMORE, CA 94550  
PHONE 925.371.5900 - FAX 925.371.5915

Hegenberger Maintenance Station

555 Hegenberger Road  
Oakland, California

**VICINITY MAP**

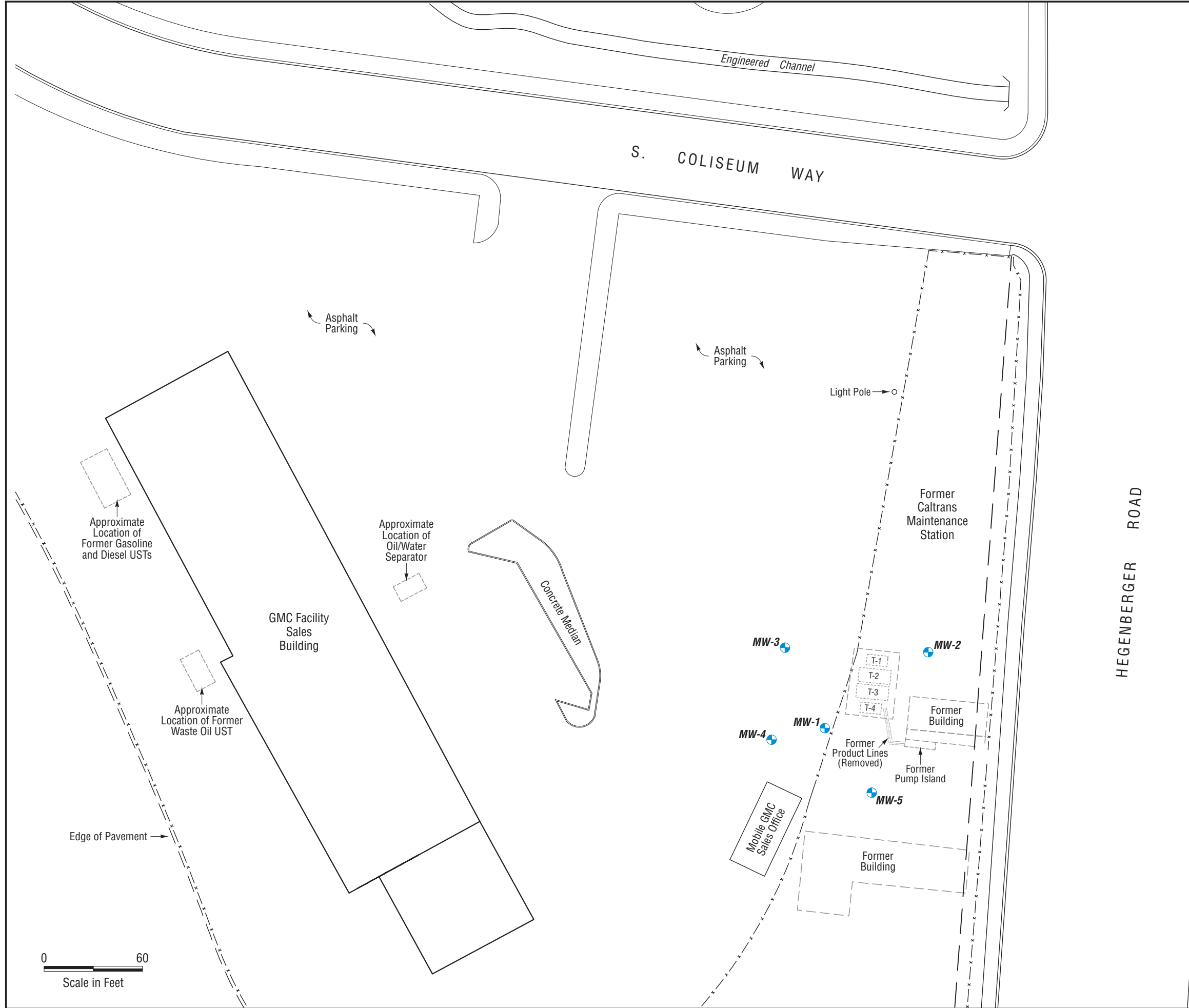
GEOCON Proj. No. E8722-02-01B

Task Order No. 1

July 2014

Figure 1

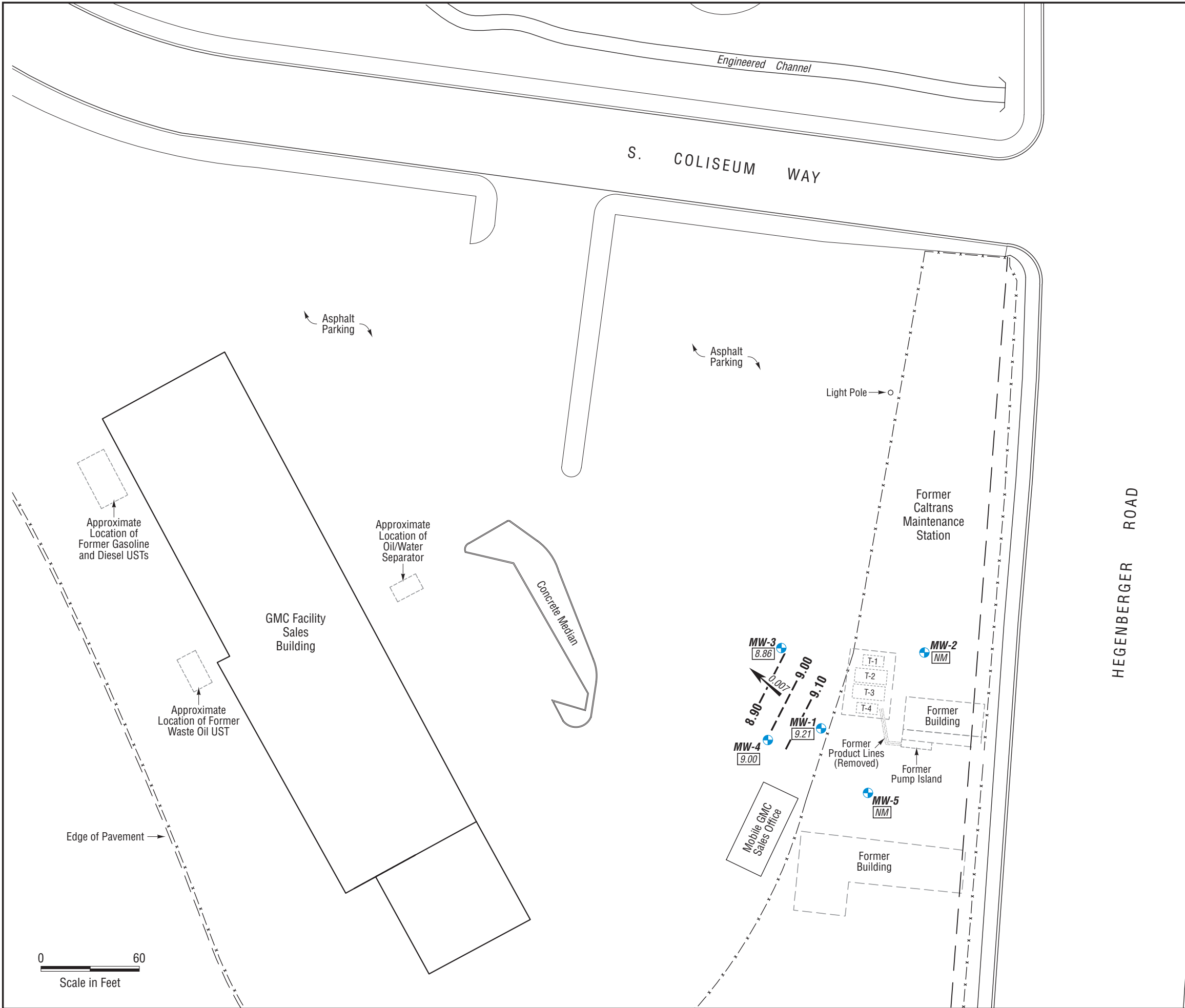




**LEGEND:**

- MW-1** Approximate Monitoring Well Location
- T1 = Former Diesel UST (Removed)
- T2 = Former Gasoline UST (Removed)
- T3 = Former Gasoline UST (Removed)
- T4 = Former Diesel UST (Removed)

<b>GEOCON</b> CONSULTANTS, INC. <small>6671 BRISA STREET - LIVERMORE, CA 94550          PHONE 925.371.5900 - FAX 925.371.5915</small>	
<b>Hegenberger Maintenance Station</b>	
555 Hegenberger Road Oakland, California	
<b>SITE PLAN</b>	
GEOCON Proj. No. E8722-02-01B	
Task Order No. 1	July 2014
Figure 2	



Approximate Location of Former Gasoline and Diesel USTs

Approximate Location of Oil/Water Separator

GMC Facility Sales Building

Approximate Location of Former Waste Oil UST

Edge of Pavement

S. COLISEUM WAY

Engineered Channel

Asphalt Parking

Asphalt Parking

Light Pole

Former Caltrans Maintenance Station

HEGENBERGER ROAD

Concrete Median

Mobile GMC Sales Office

MW-3

MW-4

MW-1

MW-2

MW-5

8.86

9.00

9.27

NM

NM

8.90

9.00

9.10

0.007

0.007

0.007

T-1

T-2

T-3

T-4

Former Building

Former Product Lines (Removed)

Former Pump Island

Former Building

Former Building

LEGEND:

MW-1 Approximate Monitoring Well Location

Groundwater Elevation Contour (Interval = 0.10 Ft.)

MSL Elevation of Groundwater Measured on 3/31/14

Approximate Groundwater Direction & Gradient

Not Measured

- T1 = Former Diesel UST (Removed)
- T2 = Former Gasoline UST (Removed)
- T3 = Former Gasoline UST (Removed)
- T4 = Former Diesel UST (Removed)



Hegenberger Maintenance Station

555 Hegenberger Road  
Oakland, California

**Groundwater Elevation Contour Map - March 2014**

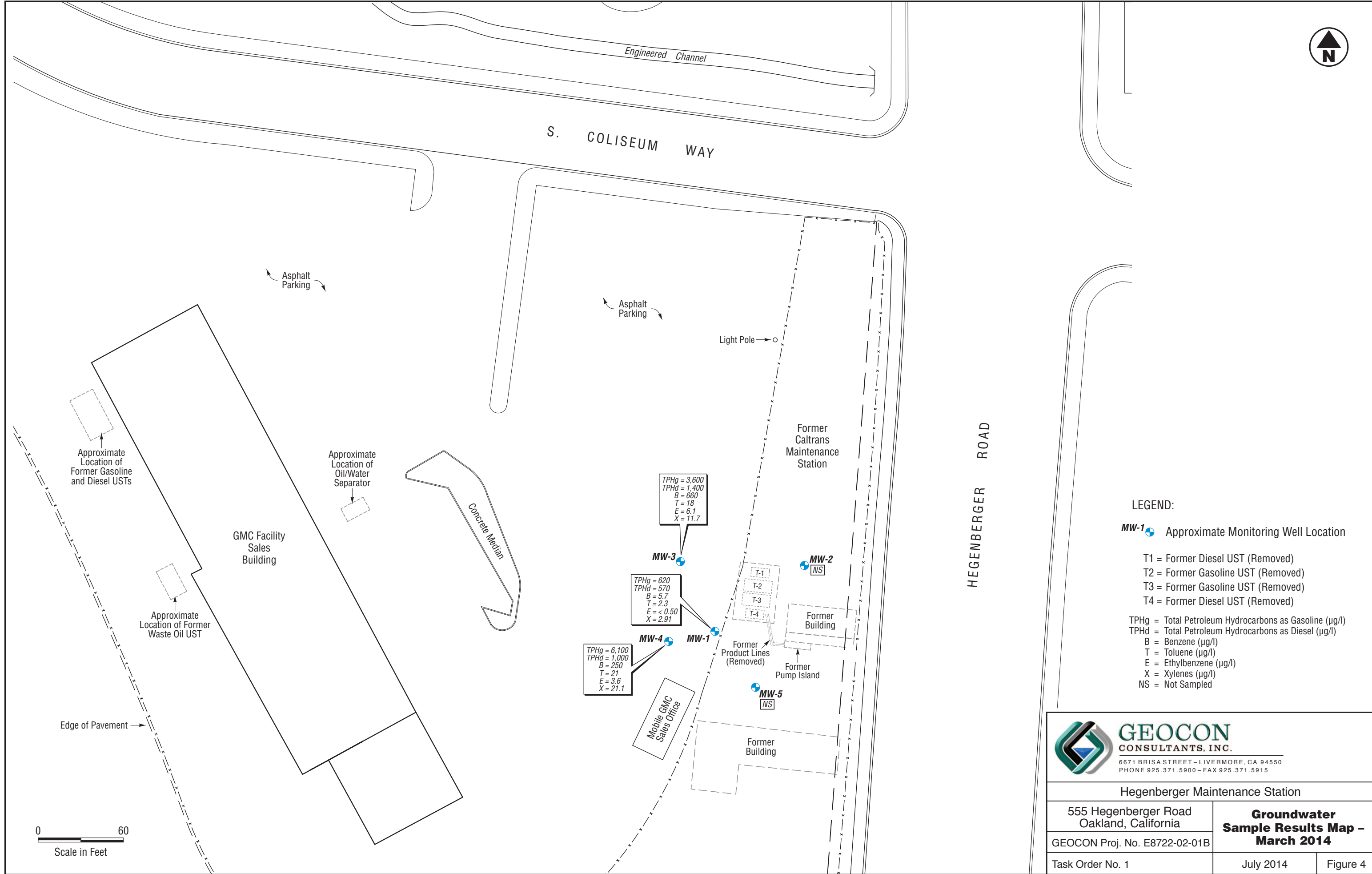
GEOCON Proj. No. E8722-02-01B

Task Order No. 1

July 2014

Figure 3





LEGEND:

MW-1 Approximate Monitoring Well Location

- T1 = Former Diesel UST (Removed)
- T2 = Former Gasoline UST (Removed)
- T3 = Former Gasoline UST (Removed)
- T4 = Former Diesel UST (Removed)

- TPHg = Total Petroleum Hydrocarbons as Gasoline (µg/l)
- TPHd = Total Petroleum Hydrocarbons as Diesel (µg/l)
- B = Benzene (µg/l)
- T = Toluene (µg/l)
- E = Ethylbenzene (µg/l)
- X = Xylenes (µg/l)
- NS = Not Sampled



**GEOCON**  
CONSULTANTS, INC.  
6671 BRISA STREET - LIVERMORE, CA 94550  
PHONE 925.371.5900 - FAX 925.371.5915

Hegenberger Maintenance Station

555 Hegenberger Road  
Oakland, California  
GEOCON Proj. No. E8722-02-01B  
Task Order No. 1

**Groundwater  
Sample Results Map -  
March 2014**  
July 2014 Figure 4



Base Map Ref: Stantec, 12/5/13

**TABLE 1**  
**Monitoring Well Construction Details**  
**Former Hegenberger Maintenance Station**  
**555 Hegenberger Road**  
**Oakland, California**

Well No.	Date Constructed	Total Depth (feet)	Casing Diameter (inches)	Screened Interval (feet)	Blank PVC Interval (feet)
MW-1	10/95	19.5	4	4.5-19.5	0-4.5
MW-2	10/95	20	4	5-20	0-5
MW-3	10/95	19.5	4	4.5-19.5	0-4.5
MW-4	10/95	19	4	4-19	0-4
MW-5	10/95	20	4	5-20	0-5

**TABLE 2**  
**Depth to Water and Groundwater Sample Results**  
**Former Hegenberger Maintenance Station**  
**555 Hegenberger Road**  
**Oakland, California**

Monitoring Well	Sample Date	TOC Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Change in Elevation (ft)	TPHg (ug/l)	TPHd (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	1,2-DCA (ug/l)	EDB (ug/l)	DIPE (ug/l)	ETBE (ug/l)	MTBE (ug/l)	TAME (ug/l)	TBA (ug/l)
MW-1	10/11/95	13.31	6.55	6.76	--	720	<50	660	13	4.7	2.8	--	--	--	--	--	--	--
	1/17/96	13.31	5.64	7.67	0.91	4,400	<50	1,000	30	21	17	--	--	--	--	--	--	--
	4/16/96	13.31	5.46	7.85	0.18	6,050	7,450	914	34.7	34.4	15.8	--	--	--	--	--	--	--
	8/26/96	13.31	5.91	7.40	-0.45	3,800	430	780	23	21	20	--	--	--	--	--	--	--
	11/14/96	13.31	6.16	7.15	-0.25	2,600	270	500	18	14	8.9	--	--	--	--	--	--	--
	2/18/98	13.31	3.82	9.49	2.34	3,100	800	240	18	7.8	11	--	--	--	--	20	--	--
	3/30/01	13.31	6.19	7.12	-2.37	3,600	480	150	13	0.7	10.8	--	--	--	--	<0.5	--	--
	12/26/01	13.31	4.08	9.23	2.11	3,000	1,100	86	11	3.4	10.5	--	--	--	--	<5	--	--
	9/30/02	13.31	5.79	7.52	-1.71	590	<50	12	2.7	<0.5	1.6	--	--	--	--	<0.5	--	--
	2/20/03	13.31	4.49	8.82	1.3	2,660	--	36.9	10.6	7	18.1	--	--	--	--	<5	--	--
	1/12/04	13.31	4.41	8.90	0.08	1,610	--	6.8	1.8	1.8	1.4	--	--	--	--	--	--	--
	5/12/05	13.31	4.45	8.86	-0.04	1,200	--	20	<5	<5	<5	--	--	--	--	--	--	--
	9/29/11	13.31	5.57	7.74	-1.12	950	530	14	6.5	0.36 <sup>J</sup>	6.9	<0.14	<0.20	<0.16	<0.19	<0.19	<0.14	<10.00
	3/30/12	13.31	3.50	9.81	2.07	630	280	14	4.4	0.36 <sup>J</sup>	4.9	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00
	9/11/12	13.31	6.15	7.16	-2.65	600	470	5.5	4.7	0.30 <sup>J</sup>	6.0	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00
	3/20/13	13.31	5.48	7.83	0.67	1,200	130	7.2	4.0	0.35 <sup>J</sup>	4.8	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00
	8/28/13	13.31	6.13	7.18	-0.65	700	580	5.8	4.6	0.31 <sup>J</sup>	6.0	0.17 <sup>J</sup>	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00
	<b>3/31/14</b>	<b>13.31</b>	<b>4.10</b>	<b>9.21</b>	<b>2.03</b>	<b>620</b>	<b>570</b>	<b>5.7</b>	<b>2.3</b>	<b>&lt;0.50</b>	<b>2.91</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>

**TABLE 2**  
**Depth to Water and Groundwater Sample Results**  
**Former Hegenberger Maintenance Station**  
**555 Hegenberger Road**  
**Oakland, California**

Monitoring Well	Sample Date	TOC Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Change in Elevation (ft)	TPHg (ug/l)	TPHd (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	1,2-DCA (ug/l)	EDB (ug/l)	DIPE (ug/l)	ETBE (ug/l)	MTBE (ug/l)	TAME (ug/l)	TBA (ug/l)	
MW-2	10/11/95	13.10	6.88	6.22	--	<50	<50	<0.3	<0.3	<0.3	<0.5	--	--	--	--	--	--	--	
	1/17/96	13.10	5.32	7.78	1.56	4,900	<50	2,100	<1.5	<15	<15	--	--	--	--	--	--	--	
	4/16/96	13.10	5.81	7.29	-0.49	<50	<50	1.0	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	
	8/26/96	13.10	5.98	7.12	-0.17	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	
	11/14/96	13.10	6.72	6.38	-0.74	<50	56	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	
	2/18/98	13.10	5.01	8.09	1.71	<50	260	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5	--	--	
	3/30/01	13.10	6.54	6.56	-1.53	<200	370	2.7	0.8	<0.5	0.8	--	--	--	--	<0.5	--	--	
	12/26/01	13.10	5.53	7.57	1.01	86	140	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5	--	--	
	9/30/02	13.10	6.48	6.62	-0.95	<50	<50	<0.5	<5	<0.5	<1.5	--	--	--	--	<0.5	--	--	
	2/20/03	13.10	5.98	7.12	0.5	110	--	6.6	<0.5	<0.5	<1	--	--	--	--	<0.5	--	--	
	1/12/04	13.10	5.69	7.41	0.29	67	--	<0.5	<0.5	<0.5	<1	--	--	--	--	--	--	--	
	5/12/05	13.10	5.55	7.55	0.14	330	--	<1	<1	<1	<1	--	--	--	--	--	--	--	
	9/29/11	13.10	6.21	6.89	-0.66	130	<40.40	<0.16	<0.17	<0.23	<0.19	<0.14	<0.20	<0.16	<0.19	<0.19	<0.14	<10.00	
	3/30/12	13.10	5.00	8.10	1.21	120	<40.40	0.32 <sup>J</sup>	0.24 <sup>J</sup>	<0.23	0.44 <sup>J</sup>	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00	
	9/11/12	13.10	6.29	6.81	-1.29	13 <sup>J</sup>	<40.40	<0.16	<0.17	<0.23	<0.19	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00	
	3/20/13	13.10	6.20	6.90	0.09	110	<40.40	1.2	0.59 <sup>J</sup>	<0.23	0.77	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00	
	8/28/13	13.10	6.32	6.78	-0.12	14 <sup>J</sup>	<40.40	<0.16	<0.17	<0.23	<0.19	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00	
	3/31/14	13.10	--	--	--	<b>Not Sampled - Inaccessible</b>													

**TABLE 2**  
**Depth to Water and Groundwater Sample Results**  
**Former Hegenberger Maintenance Station**  
**555 Hegenberger Road**  
**Oakland, California**

Monitoring Well	Sample Date	TOC Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Change in Elevation (ft)	TPHg (ug/l)	TPHd (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	1,2-DCA (ug/l)	EDB (ug/l)	DIPE (ug/l)	ETBE (ug/l)	MTBE (ug/l)	TAME (ug/l)	TBA (ug/l)
MW-3	10/11/95	12.34	6.42	5.92	--	1,300	<50	1.0	<0.3	<0.3	<0.3	--	--	--	--	--	--	--
	1/17/96	12.34	5.82	6.52	0.6	171	<50	64	<0.3	1	<0.3	--	--	--	--	--	--	--
	4/16/96	12.34	5.85	6.49	-0.03	6,740	565	2,770	31	13.9	21.9	--	--	--	--	--	--	--
	8/26/96	12.34	5.72	6.62	0.13	700	700	180	4.2	1	4.6	--	--	--	--	--	--	--
	11/14/96	12.34	6.28	6.06	-0.56	300	120	6.2	1.2	0.7	1.4	--	--	--	--	--	--	--
	2/18/98	12.34	4.65	7.69	1.63	11,000	2,500	3,070	50	54	19	--	--	--	--	25	--	--
	3/30/01	12.34	5.62	6.72	-0.97	9,900	490	2,000	48	39	39	--	--	--	--	<0.5	--	--
	12/26/01	12.34	4.66	7.68	0.96	9,400	1,700	1,500	45	33	28	--	--	--	--	12	--	--
	9/30/02	12.34	5.84	6.50	-1.18	2,020	570	775	17.2	1	8.4	--	--	--	--	<0.5	--	--
	2/20/03	12.34	5.55	6.79	0.29	4,010	--	1,120	<50	<50	<100	--	--	--	--	<50	--	--
	1/12/04	12.34	4.77	7.57	0.78	3,520	--	632	26.9	<25	<50	--	--	--	--	--	--	--
	5/12/05	12.34	4.63	7.71	0.14	5,200	--	1,000	30	20	10	--	--	--	--	--	--	--
	9/29/11	12.34	5.50	6.84	-0.87	3,800	900	390	16	1.1	14	<0.14	<0.20	<0.16	<0.19	<0.14	<0.14	<10.00
	3/30/12	12.34	2.75	9.59	2.75	5,400	780	640	29	10	24	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00
	9/11/12	12.34	5.55	6.79	-2.8	2,000	210	22	7.4	<0.23	5.8	<0.14	<0.20	0.27 <sup>J</sup>	<0.19	<0.26	<0.14	<10.00
	3/20/13	12.34	4.20	8.14	1.35	4,900	1,000	930	32	5.9	19	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00
	8/28/13	12.34	5.54	6.80	-1.34	920	660	39	9.5	0.53 <sup>J</sup>	8.9	<0.14	<0.20	<0.16	<0.19	<0.26	<0.14	<10.00
	<b>3/31/14</b>	<b>12.34</b>	<b>3.48</b>	<b>8.86</b>	<b>2.06</b>	<b>3,600</b>	<b>1,400</b>	<b>660</b>	<b>18</b>	<b>6.1</b>	<b>11.7</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;20</b>

**TABLE 2**  
**Depth to Water and Groundwater Sample Results**  
**Former Hegenberger Maintenance Station**  
**555 Hegenberger Road**  
**Oakland, California**

Monitoring Well	Sample Date	TOC Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Change in Elevation (ft)	TPHg (ug/l)	TPHd (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	1,2-DCA (ug/l)	EDB (ug/l)	DIPE (ug/l)	ETBE (ug/l)	MTBE (ug/l)	TAME (ug/l)	TBA (ug/l)
MW-4	10/11/95	12.85	6.63	6.22	--	500	<50	17	1.1	<0.3	0.5		--	--	--	--	--	--
	1/17/96	12.85	5.77	7.08	0.86	460	<50	72	4.1	<0.3	1.7		--	--	--	--	--	--
	4/16/96	12.85	5.89	6.96	-0.12	2,200	<50	851	7.7	1.4	5.7		--	--	--	--	--	--
	8/26/96	12.85	6.14	6.71	-0.25	300	110	55	4.9	1.2	<0.5		--	--	--	--	--	--
	11/14/96	12.85	6.72	6.13	-0.58	200	200	3.4	<0.5	--	<0.5		--	--	--	--	--	--
	2/18/98	12.85	5.02	7.83	1.7	1,500	260	320	9.1	1	0.6		--	--	1.7	--	--	--
	3/30/01	12.85	6.21	6.64	-1.19	2,700	350	320	16	5.3	13.6		--	--	<0.5	--	--	--
	12/26/01	12.85	5.37	7.48	0.84	600	200	33	3	<0.5	1.7		--	--	0.8	--	--	--
	9/30/02	12.85	6.40	6.45	-1.03	67	<50	<0.5	<0.5	<0.5	<1.5		--	--	<0.5	--	--	--
	2/20/03	12.85	5.83	7.02	0.57	570	--	107	<10	<10	<2.0		--	--	<10	--	--	--
	1/12/04	12.85	5.41	7.44	0.42	700	--	122	13.5	0.6	8.8		--	--	--	--	--	--
	5/12/05	12.85	5.59	7.26	-0.18	760	--	14	5.7	<5	<5		--	--	--	--	--	--
	9/29/11	12.85	6.23	6.62	-0.64	14 <sup>J</sup>	<40.40	<0.16	<0.17	<0.23	<0.19	<0.20	<0.14	<0.16	<0.19	<0.19	<0.14	<10.00
	3/30/12	12.85	3.30	9.55	2.93	2,200	340	340	23	2.8	19	<0.20	<0.14	<0.16	<0.19	<0.26	<0.14	<10.00
	9/11/12	12.85	5.86	6.99	-2.56	2,500	310	92	16	1.3	16	<0.40	<0.28	<0.32	<0.38	<0.52	<0.28	<20.00
	3/20/13	12.85	5.23	7.62	0.63	4,800	680	200	21	3.7	21	<0.20	<0.14	<0.16	<0.19	<0.26	<0.14	<10.00
	8/28/13	12.85	5.86	6.99	-0.63	2,300	500	60	17	1.7	18	<0.20	<0.14	<0.16	<0.19	<0.26	<0.14	<10.00
	<b>3/31/14</b>	<b>12.85</b>	<b>3.85</b>	<b>9.00</b>	<b>2.01</b>	<b>6,100</b>	<b>1,000</b>	<b>250</b>	<b>21</b>	<b>3.6</b>	<b>21.1</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10</b>



**TABLE 2**  
**Depth to Water and Groundwater Sample Results**  
**Former Hegenberger Maintenance Station**  
**555 Hegenberger Road**  
**Oakland, California**

Monitoring Well	Sample Date	TOC Elevation (ft)	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Change in Elevation (ft)	TPHg (ug/l)	TPHd (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Xylenes (ug/l)	1,2-DCA (ug/l)	EDB (ug/l)	DIPE (ug/l)	ETBE (ug/l)	MTBE (ug/l)	TAME (ug/l)	TBA (ug/l)
MW-5	10/11/95	13.33	6.68	6.65	--	1,000	<50	45	15	1.9	6.1	--	--	--	--	--	--	--
	1/17/96	13.33	5.74	7.59	0.94	<50	<50	2	<0.3	<0.3	<0.3	--	--	--	--	--	--	--
	4/16/96	13.33	5.85	7.48	-0.11	1,740	855	157	20.1	3.9	22.4	--	--	--	--	--	--	--
	8/26/96	13.33	5.99	7.34	-0.14	900	270	55	6.4	0.9	3.7	--	--	--	--	--	--	--
	11/14/96	13.33	6.70	6.63	-0.71	700	320	31	5.7	0.7	0.38	--	--	--	--	--	--	--
	2/18/98	13.33	5.74	7.59	0.96	1,200	580	14	5.2	0.8	5.5	--	--	--	--	9.5	--	--
	3/30/01	13.33	6.73	6.60	-0.99	1,500	480	7.2	6.5	<0.5	10.7	--	--	--	--	<0.5	--	--
	12/26/01	13.33	5.23	8.10	1.5	5,000	7,200	0.8	10.5	3.8	10.5	--	--	--	--	3.6	--	--
	9/30/02	13.33	6.18	7.15	-0.95	560	430	1.8	5.2	<0.5	6.5	--	--	--	--	<0.5	--	--
	2/20/03	13.33	5.80	7.53	0.38	1,040	--	<2.5	8.6	<2.5	11.3	--	--	--	--	<2.5	--	--
	1/12/04	13.33	5.60	7.73	0.2	1,820	--	4.2	8	0.6	12.8	--	--	--	--	--	--	--
	5/12/05	13.33	6.18	7.15	-0.58	1,300	--	<5	<5	<5	<5	--	--	--	--	--	--	--
	9/29/11	13.33	6.37	6.96	-0.19	960	440	0.34 <sup>J</sup>	0.52 <sup>J</sup>	<0.23	1.8	<0.20	<0.14	<0.16	<0.19	<0.19	<0.14	<10.00
	3/30/12	13.33	4.61	8.72	1.76	200	270	1.5	2.4	<0.23	5.2	<0.20	<0.14	<0.16	<0.19	<0.26	<0.14	<10.00
	9/11/12	13.33	6.40	6.93	-1.79	550	200	1.0	1.6	<0.23	3.2	<0.20	<0.14	<0.16	<0.19	<0.26	<0.14	<10.00
	3/20/13	13.33	5.73	7.60	0.67	900	230	0.86	1.3	<0.23	3.3	<0.20	<0.14	<0.16	<0.19	<0.26	<0.14	<10.00
	8/28/13	13.33	6.17	7.16	-0.44	760	250	0.27 <sup>J</sup>	0.26 <sup>J</sup>	<0.23	1.4	<0.20	<0.14	<0.16	<0.19	<0.26	<0.14	<10.00
	<b>3/31/14</b>	<b>13.33</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>Not Sampled - Inaccessible</b>												

**Notes:**

TOC = top of casing

TPHg = total petroleum hydrocarbons as gasoline

TPHd = total petroleum hydrocarbons as diesel

J = Concentration is above the detection limit and below the practical quantitation limit

EDB = ethylene dibromide or 1,2-dibromethane

1,2-DCA = 1,2-dichloroethane

DIPE = Di-isopropyl ether

ETBE = Ethyl tert-butyl ether

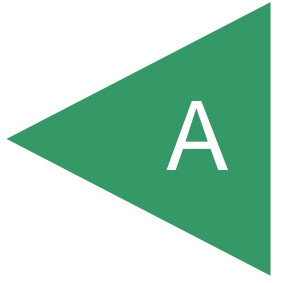
MTBE = methy tertiary butyl ether

TAME = tert-Amyl methyl ether

TBA = tert-Butanol

APPENDIX

A



## MONITORING WELL SAMPLING DATA

Project Name: Hegenberger Maint. Station	Project Number: E8722-02-01B
Well No.: MW-1	Date: 3/31/2014
Well Diameter: 4 in.	Field Personnel: C. Merritt
Casing Length: 19.5 ft	Screened Casing Length: 15 ft.
Well Elevation: 13.31 ft MSL measured from TOC	

PURGE CHARACTERISTICS	
Water Depth Before Purging: 4.10 ft	2 in. = .1632 Gal/ft. 4 in. = .6528 Gal/ft.
Calculated Water Column Volume: 10.05Gal.	Volumes Purged: 3
Start Purging Time: 11:25	End Purging Time: 11:50
Total Time: 25 min.	Flow Gauge: to
Total Volume Purged: 33 Gal	Avg. Flow Rate: 1.32gpm
Water Depth After Purging:	Time: 11:50
Dissolved Oxygen:	Free Product: No

SAMPLING CHARACTERISTICS				
Purging Method: Submersible		Sampling Method: Disposable bailer		
Laboratory Analysis: TPHd , TPHg, BTEX, FOCs, 1,2-DCA, EDB				
TIME	TEMPERATURE (°C)	CONDUCTIVITY (umhos/cm)	pH	Gallons Purged
1130	19	1027	7.59	0
1137	18.2	677	7.56	11
1142	18.2	903	7.54	22
1148	18.6	1038	7.58	33
comments: Slight turbidity, strong odor.				

## MONITORING WELL SAMPLING DATA

Project Name: Hegenberger Maint. Station	Project Number: E8722-02-01B
Well No.: MW-3	Date: 3/31/2014
Well Diameter: 4 in.	Field Personnel: C. Merritt
Casing Length: 20 ft	Screened Casing Length: 15 ft
Well Elevation: 12.34 ft MSL measured from TOC	

PURGE CHARACTERISTICS	
Water Depth Before Purging: 3.48 ft	2 in. = .1632 Gal/ft. 4 in. = .6528 Gal/ft.
Calculated Water Column Volume: 10.45 Gal.	Volumes Purged: 3
Start Purging Time: 12:50	End Purging Time: 13:00
Total Time: 20 min.	Flow Gauge:
Total Volume Purged: ~26 Gal	Avg. Flow Rate: 1.3gpm
Water Depth After Purging:	Time: 13:15
Dissolved Oxygen:	Free Product: No

SAMPLING CHARACTERISTICS				
Purging Method: Submersible		Sampling Method: Disposable bailer		
Laboratory Analysis: TPHd , TPHg, BTEX, FOCs, 1,2-DCA, EDB				
TIME	TEMPERATURE (°C)	CONDUCTIVITY (umhos/cm)	pH	Gallons Purged
1250	19.9	4.98	7.24	0
1255	19.6	3.55	7.15	11
1300	19.7	5.15	7.13	22
1303				DRY ~26
1307	18.28'			
1310	18.05'			
comments: Purged Dry at ~1303, measured recovery at 1307 and 1310 which indicated 80% recovery would be achieved at approximately 3 hours. Sampled at 1315 as weather (pouring rain) and time restricted 80% recovery option. Water was near clear, strong odor.				

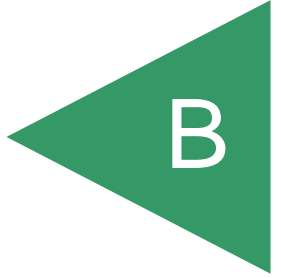
## MONITORING WELL SAMPLING DATA

Project Name: Hegenberger Maint. Station	Project Number: E8722-02-01B
Well No.: MW-4	Date: 3/31/2014
Well Diameter: 4 in.	Field Personnel: C. Merritt
Casing Length: 19 ft	Screened Casing Length: 15 ft
Well Elevation: 12.85 ft MSL measured from TOC	

PURGE CHARACTERISTICS	
Water Depth Before Purging: 3.85 ft.	2 in. = .1632 Gal/ft. 4 in. = .6528 Gal/ft.
Calculated Water Column Volume: 10.21 Gal	Volumes Purged: 3
Start Purging Time: 12:05	End Purging Time 12:23
Total Time: 18 min.	Flow Gauge:
Total Volume Purged: 33 Gal	Avg. Flow Rate: 1.83 gpm
Water Depth After Purging:	Time: 12:30
Dissolved Oxygen:	Free Product: No

SAMPLING CHARACTERISTICS				
Purging Method: Submersible		Sampling Method: Disposable bailer		
Laboratory Analysis: TPHd , TPHg, BTEX, FOCs, 1,2-DCA, EDB				
TIME	TEMPERATURE (°C)	CONDUCTIVITY (umhos/cm)	pH	Gallons Purged
1205	17.9	1738	7.41	0
1212	19.0	1867	7.32	11
1217	18.9	1919	7.30	22
1223	18.9	1966	7.38	33
comments: Slight turbidity, strong odor.				

APPENDIX



April 08, 2014

John Love  
Geocon Consultants, Inc.  
6671 Brisa Street  
Livermore, CA 94550  
Tel: (925) 525-4142  
Fax:(925) 371-5915

ELAP No.: 1838  
CSDLAC No.: 10196  
ORELAP No.: CA300003  
TCEQ No. : T104704502

Re: ATL Work Order Number : 1400972

Client Reference : CALTRANS HEGENBERGER, E8722-02-01B

Enclosed are the results for sample(s) received on April 01, 2014 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,



Eddie Rodriguez  
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



## Certificate of Analysis

Geocon Consultants, Inc.

6671 Brisa Street

Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0

Report To : John Love

Reported : 04/08/2014

### SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	1400972-01	Water	3/31/14 11:50	4/01/14 8:10
MW-3	1400972-02	Water	3/31/14 13:15	4/01/14 8:10
MW-4	1400972-03	Water	3/31/14 12:30	4/01/14 8:10





## Certificate of Analysis

Geocon Consultants, Inc.  
6671 Brisa Street  
Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0  
Report To : John Love  
Reported : 04/08/2014

**Client Sample ID MW-1**  
**Lab ID: 1400972-01**

### Gasoline Range Organics by EPA 8015B (Modified)

Analyst: AG

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>Gasoline Range Organics</b>	<b>0.62</b>	0.05	NA	1	B4D0003	04/01/2014	04/01/14 09:55	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>118 %</i>		<i>70 - 130</i>		B4D0003	04/01/2014	<i>04/01/14 09:55</i>	

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>0.57</b>	0.05	NA	1	B4D0020	04/01/2014	04/01/14 16:58	
<i>Surrogate: p-Terphenyl</i>	<i>69.7 %</i>		<i>30 - 142</i>		B4D0020	04/01/2014	<i>04/01/14 16:58</i>	

### Volatile Organic Compounds by EPA 8260B

Analyst: DP

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2-Dibromoethane	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
1,2-Dichloroethane	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
<b>Benzene</b>	<b>5.7</b>	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
Di-isopropyl ether	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
Ethyl tert-butyl ether	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
Ethylbenzene	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
<b>m,p-Xylene</b>	<b>2.4</b>	1.0	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
MTBE	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
<b>o-Xylene</b>	<b>0.51</b>	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
tert-Amyl methyl ether	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
tert-Butanol	ND	10	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
<b>Toluene</b>	<b>2.3</b>	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:59	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>114 %</i>		<i>64 - 146</i>		B4D0019	04/02/2014	<i>04/02/14 16:59</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>116 %</i>		<i>60 - 128</i>		B4D0019	04/02/2014	<i>04/02/14 16:59</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>109 %</i>		<i>72 - 141</i>		B4D0019	04/02/2014	<i>04/02/14 16:59</i>	
<i>Surrogate: Toluene-d8</i>	<i>96.1 %</i>		<i>61 - 124</i>		B4D0019	04/02/2014	<i>04/02/14 16:59</i>	



# Certificate of Analysis

Geocon Consultants, Inc.  
6671 Brisa Street  
Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0  
Report To : John Love  
Reported : 04/08/2014

## Client Sample ID MW-3

Lab ID: 1400972-02

### Gasoline Range Organics by EPA 8015B (Modified)

Analyst: AG

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>Gasoline Range Organics</b>	<b>3.6</b>	0.05	NA	1	B4D0003	04/01/2014	04/01/14 10:34	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>198 %</i>		<i>70 - 130</i>		B4D0003	04/01/2014	<i>04/01/14 10:34</i>	S7

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>1.4</b>	0.05	NA	1	B4D0020	04/01/2014	04/01/14 17:31	
<i>Surrogate: p-Terphenyl</i>	<i>75.4 %</i>		<i>30 - 142</i>		B4D0020	04/01/2014	<i>04/01/14 17:31</i>	

### Volatile Organic Compounds by EPA 8260B

Analyst: DP

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2-Dibromoethane	ND	1.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
1,2-Dichloroethane	ND	1.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
<b>Benzene</b>	<b>660</b>	25	NA	50	B4D0019	04/02/2014	04/02/14 13:07	
Di-isopropyl ether	ND	1.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
Ethyl tert-butyl ether	ND	1.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
<b>Ethylbenzene</b>	<b>6.1</b>	1.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
<b>m,p-Xylene</b>	<b>8.0</b>	2.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
MTBE	ND	1.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
<b>o-Xylene</b>	<b>3.7</b>	1.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
tert-Amyl methyl ether	ND	1.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
tert-Butanol	ND	20	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
<b>Toluene</b>	<b>18</b>	1.0	NA	2	B4D0019	04/02/2014	04/02/14 17:22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>93.8 %</i>		<i>64 - 146</i>		B4D0019	04/02/2014	<i>04/02/14 13:07</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>102 %</i>		<i>64 - 146</i>		B4D0019	04/02/2014	<i>04/02/14 17:22</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>90.6 %</i>		<i>60 - 128</i>		B4D0019	04/02/2014	<i>04/02/14 13:07</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>105 %</i>		<i>60 - 128</i>		B4D0019	04/02/2014	<i>04/02/14 17:22</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>87.4 %</i>		<i>72 - 141</i>		B4D0019	04/02/2014	<i>04/02/14 13:07</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>95.4 %</i>		<i>72 - 141</i>		B4D0019	04/02/2014	<i>04/02/14 17:22</i>	
<i>Surrogate: Toluene-d8</i>	<i>72.8 %</i>		<i>61 - 124</i>		B4D0019	04/02/2014	<i>04/02/14 13:07</i>	
<i>Surrogate: Toluene-d8</i>	<i>85.8 %</i>		<i>61 - 124</i>		B4D0019	04/02/2014	<i>04/02/14 17:22</i>	



## Certificate of Analysis

Geocon Consultants, Inc.  
6671 Brisa Street  
Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0  
Report To : John Love  
Reported : 04/08/2014

**Client Sample ID MW-4**

**Lab ID: 1400972-03**

### Gasoline Range Organics by EPA 8015B (Modified)

Analyst: AG

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>Gasoline Range Organics</b>	<b>6.1</b>	0.05	NA	1	B4D0003	04/01/2014	04/01/14 10:54	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>201 %</i>		<i>70 - 130</i>		B4D0003	04/01/2014	<i>04/01/14 10:54</i>	S7

### Diesel Range Organics by EPA 8015B

Analyst: CR

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>DRO</b>	<b>1.0</b>	0.05	NA	1	B4D0020	04/01/2014	04/01/14 17:15	
<i>Surrogate: p-Terphenyl</i>	<i>61.8 %</i>		<i>30 - 142</i>		B4D0020	04/01/2014	<i>04/01/14 17:15</i>	

### Volatile Organic Compounds by EPA 8260B

Analyst: DP

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,2-Dibromoethane	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
1,2-Dichloroethane	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
<b>Benzene</b>	<b>250</b>	2.5	NA	5	B4D0055	04/03/2014	04/03/14 14:01	
Di-isopropyl ether	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
Ethyl tert-butyl ether	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
<b>Ethylbenzene</b>	<b>3.6</b>	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
<b>m,p-Xylene</b>	<b>17</b>	1.0	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
MTBE	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
<b>o-Xylene</b>	<b>4.1</b>	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
tert-Amyl methyl ether	ND	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
tert-Butanol	ND	10	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
<b>Toluene</b>	<b>21</b>	0.50	NA	1	B4D0019	04/02/2014	04/02/14 16:12	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>110 %</i>		<i>64 - 146</i>		B4D0019	04/02/2014	<i>04/02/14 16:12</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>124 %</i>		<i>64 - 146</i>		B4D0055	04/03/2014	<i>04/03/14 14:01</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>123 %</i>		<i>60 - 128</i>		B4D0055	04/03/2014	<i>04/03/14 14:01</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>98.7 %</i>		<i>60 - 128</i>		B4D0019	04/02/2014	<i>04/02/14 16:12</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>116 %</i>		<i>72 - 141</i>		B4D0055	04/03/2014	<i>04/03/14 14:01</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>94.3 %</i>		<i>72 - 141</i>		B4D0019	04/02/2014	<i>04/02/14 16:12</i>	
<i>Surrogate: Toluene-d8</i>	<i>85.5 %</i>		<i>61 - 124</i>		B4D0019	04/02/2014	<i>04/02/14 16:12</i>	
<i>Surrogate: Toluene-d8</i>	<i>99.5 %</i>		<i>61 - 124</i>		B4D0055	04/03/2014	<i>04/03/14 14:01</i>	



## Certificate of Analysis

Geocon Consultants, Inc.  
6671 Brisa Street  
Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0

Report To : John Love

Reported : 04/08/2014

### QUALITY CONTROL SECTION

#### Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B4D0003 - GCVOAW</b>									
<b>Blank (B4D0003-BLK1)</b>				Prepared: 4/1/2014 Analyzed: 4/1/2014					
Gasoline Range Organics	ND	0.05			NR				
<i>Surrogate: 4-Bromofluorobenzene</i>	0.09652		0.100000		96.5	70 - 130			
<b>LCS (B4D0003-BS1)</b>				Prepared: 4/1/2014 Analyzed: 4/1/2014					
Gasoline Range Organics	0.939000	0.05	1.00000		93.9	70 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.09952		0.100000		99.5	70 - 130			
<b>LCS Dup (B4D0003-BSD1)</b>				Prepared: 4/1/2014 Analyzed: 4/1/2014					
Gasoline Range Organics	1.02800	0.05	1.00000		103	70 - 130	9.05	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1047		0.100000		105	70 - 130			
<b>Duplicate (B4D0003-DUP1)</b>		<b>Source: 1400972-02</b>		Prepared: 4/1/2014 Analyzed: 4/1/2014					
Gasoline Range Organics	3.53300	0.05		3.57900	NR		1.29	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1947		0.100000		195	70 - 130			S7



## Certificate of Analysis

Geocon Consultants, Inc.  
 6671 Brisa Street  
 Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0  
 Report To : John Love  
 Reported : 04/08/2014

### Diesel Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
---------	------------------	---------------	----------------	------------------	-------	-----------------	-----	--------------	-------

**Batch B4D0020 - GCSEMI\_DRO**

**Blank (B4D0020-BLK1)**

Prepared: 4/1/2014 Analyzed: 4/1/2014

DRO	ND	0.05				NR			
-----	----	------	--	--	--	----	--	--	--

<i>Surrogate: p-Terphenyl</i>	0.04519		8.00000E-2		56.5	30 - 142			
-------------------------------	---------	--	------------	--	------	----------	--	--	--

**LCS (B4D0020-BS1)**

Prepared: 4/1/2014 Analyzed: 4/1/2014

DRO	0.735620	0.05	1.00000		73.6	38 - 129			
-----	----------	------	---------	--	------	----------	--	--	--

<i>Surrogate: p-Terphenyl</i>	0.05473		8.00000E-2		68.4	30 - 142			
-------------------------------	---------	--	------------	--	------	----------	--	--	--

**LCS Dup (B4D0020-BSD1)**

Prepared: 4/1/2014 Analyzed: 4/1/2014

DRO	0.669790	0.05	1.00000		67.0	38 - 129	9.37	20	
-----	----------	------	---------	--	------	----------	------	----	--

<i>Surrogate: p-Terphenyl</i>	0.05385		8.00000E-2		67.3	30 - 142			
-------------------------------	---------	--	------------	--	------	----------	--	--	--



## Certificate of Analysis

Geocon Consultants, Inc.  
6671 Brisa Street  
Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0

Report To : John Love

Reported : 04/08/2014

### Volatile Organic Compounds by EPA 8260B - Quality Control

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
---------	------------------	---------------	----------------	------------------	----------------	-----------------	-----	--------------	-------

#### Batch B4D0019 - MSVOAW\_LL

##### Blank (B4D0019-BLK1)

Prepared: 4/2/2014 Analyzed: 4/2/2014

1,2-Dibromoethane	ND	0.50			NR				
1,2-Dichloroethane	ND	0.50			NR				
Benzene	ND	0.50			NR				
Di-isopropyl ether	ND	0.50			NR				
Ethyl tert-butyl ether	ND	0.50			NR				
Ethylbenzene	ND	0.50			NR				
m,p-Xylene	ND	1.0			NR				
MTBE	ND	0.50			NR				
o-Xylene	ND	0.50			NR				
tert-Amyl methyl ether	ND	0.50			NR				
tert-Butanol	ND	10			NR				
Toluene	ND	0.50			NR				

<i>Surrogate: 1,2-Dichloroethane-d4</i>	49.89		50.0000		99.8	64 - 146			
<i>Surrogate: 4-Bromofluorobenzene</i>	50.40		50.0000		101	60 - 128			
<i>Surrogate: Dibromofluoromethane</i>	47.31		50.0000		94.6	72 - 141			
<i>Surrogate: Toluene-d8</i>	40.34		50.0000		80.7	61 - 124			

##### LCS (B4D0019-BS1)

Prepared: 4/2/2014 Analyzed: 4/2/2014

1,1-Dichloroethene	18.1500	0.50	20.0000		90.8	56 - 131			
Benzene	22.0100	0.50	20.0000		110	69 - 139			
Chlorobenzene	23.4700	0.50	20.0000		117	73 - 127			
MTBE	24.0100	0.50	20.0000		120	68 - 133			
Toluene	18.9000	0.50	20.0000		94.5	62 - 133			
Trichloroethene	24.5100	0.50	20.0000		123	72 - 139			

<i>Surrogate: 1,2-Dichloroethane-d4</i>	60.11		50.0000		120	64 - 146			
<i>Surrogate: 4-Bromofluorobenzene</i>	55.07		50.0000		110	60 - 128			
<i>Surrogate: Dibromofluoromethane</i>	54.04		50.0000		108	72 - 141			
<i>Surrogate: Toluene-d8</i>	43.82		50.0000		87.6	61 - 124			

##### LCS Dup (B4D0019-BSD1)

Prepared: 4/2/2014 Analyzed: 4/2/2014

1,1-Dichloroethene	16.4700	0.50	20.0000		82.4	56 - 131	9.71	20	
Benzene	20.4600	0.50	20.0000		102	69 - 139	7.30	20	
Chlorobenzene	21.4100	0.50	20.0000		107	73 - 127	9.18	20	
MTBE	22.1100	0.50	20.0000		111	68 - 133	8.24	20	
Toluene	18.7100	0.50	20.0000		93.6	62 - 133	1.01	20	
Trichloroethene	23.5600	0.50	20.0000		118	72 - 139	3.95	20	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	48.81		50.0000		97.6	64 - 146			
<i>Surrogate: 4-Bromofluorobenzene</i>	44.61		50.0000		89.2	60 - 128			
<i>Surrogate: Dibromofluoromethane</i>	44.16		50.0000		88.3	72 - 141			
<i>Surrogate: Toluene-d8</i>	38.83		50.0000		77.7	61 - 124			



## Certificate of Analysis

Geocon Consultants, Inc.  
6671 Brisa Street  
Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0

Report To : John Love

Reported : 04/08/2014

### Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
---------	------------------	---------------	----------------	------------------	-------	-----------------	-----	--------------	-------

**Batch B4D0019 - MSVOAW\_LL (continued)**

**Duplicate (B4D0019-DUP1)**

Source: 1400972-03

Prepared: 4/2/2014 Analyzed: 4/2/2014

1,1-Dichloroethene	ND	0.50		ND	NR			20	
Benzene	195.170	0.50		200.350	NR		2.62	20	
Chlorobenzene	ND	0.50		ND	NR			20	
MTBE	ND	0.50		ND	NR			20	
Toluene	20.1500	0.50		20.9500	NR		3.89	20	
Trichloroethene	ND	0.50		ND	NR			20	
<hr/>									
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>61.76</i>		<i>50.0000</i>		<i>124</i>	<i>64 - 146</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.42</i>		<i>50.0000</i>		<i>98.8</i>	<i>60 - 128</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>46.92</i>		<i>50.0000</i>		<i>93.8</i>	<i>72 - 141</i>			
<i>Surrogate: Toluene-d8</i>	<i>42.23</i>		<i>50.0000</i>		<i>84.5</i>	<i>61 - 124</i>			

**Batch B4D0055 - MSVOAW\_LL**

**Blank (B4D0055-BLK1)**

Prepared: 4/3/2014 Analyzed: 4/3/2014

1,2-Dibromoethane	ND	0.50			NR				
1,2-Dichloroethane	ND	0.50			NR				
Benzene	ND	0.50			NR				
Di-isopropyl ether	ND	0.50			NR				
Ethyl tert-butyl ether	ND	0.50			NR				
Ethylbenzene	ND	0.50			NR				
m,p-Xylene	ND	1.0			NR				
MTBE	ND	0.50			NR				
o-Xylene	ND	0.50			NR				
tert-Amyl methyl ether	ND	0.50			NR				
tert-Butanol	ND	10			NR				
Toluene	ND	0.50			NR				
<hr/>									
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>56.56</i>		<i>50.0000</i>		<i>113</i>	<i>64 - 146</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>53.84</i>		<i>50.0000</i>		<i>108</i>	<i>60 - 128</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.13</i>		<i>50.0000</i>		<i>106</i>	<i>72 - 141</i>			
<i>Surrogate: Toluene-d8</i>	<i>43.85</i>		<i>50.0000</i>		<i>87.7</i>	<i>61 - 124</i>			

**LCS (B4D0055-BS1)**

Prepared: 4/3/2014 Analyzed: 4/3/2014

1,1-Dichloroethene	15.3000	0.50	20.0000		76.5	56 - 131			
Benzene	18.6400	0.50	20.0000		93.2	69 - 139			
Chlorobenzene	19.8400	0.50	20.0000		99.2	73 - 127			
MTBE	18.4900	0.50	20.0000		92.4	68 - 133			
Toluene	17.1800	0.50	20.0000		85.9	62 - 133			
Trichloroethene	18.6700	0.50	20.0000		93.4	72 - 139			
<hr/>									
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>58.40</i>		<i>50.0000</i>		<i>117</i>	<i>64 - 146</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>54.10</i>		<i>50.0000</i>		<i>108</i>	<i>60 - 128</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>54.19</i>		<i>50.0000</i>		<i>108</i>	<i>72 - 141</i>			



## Certificate of Analysis

Geocon Consultants, Inc.  
6671 Brisa Street  
Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0

Report To : John Love

Reported : 04/08/2014

### Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B4D0055 - MSVOAW_LL (continued)</b>									
<b>LCS (B4D0055-BS1) - Continued</b>									
Prepared: 4/3/2014 Analyzed: 4/3/2014									
<i>Surrogate: Toluene-d8</i>	47.21		50.0000		94.4	61 - 124			
<b>LCS Dup (B4D0055-BSD1)</b>									
Prepared: 4/3/2014 Analyzed: 4/3/2014									
1,1-Dichloroethene	15.1900	0.50	20.0000		76.0	56 - 131	0.722	20	
Benzene	18.8000	0.50	20.0000		94.0	69 - 139	0.855	20	
Chlorobenzene	20.0200	0.50	20.0000		100	73 - 127	0.903	20	
MTBE	18.4900	0.50	20.0000		92.4	68 - 133	0.00	20	
Toluene	16.6300	0.50	20.0000		83.2	62 - 133	3.25	20	
Trichloroethene	19.0000	0.50	20.0000		95.0	72 - 139	1.75	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.88		50.0000		102	64 - 146			
<i>Surrogate: 4-Bromofluorobenzene</i>	46.74		50.0000		93.5	60 - 128			
<i>Surrogate: Dibromofluoromethane</i>	46.81		50.0000		93.6	72 - 141			
<i>Surrogate: Toluene-d8</i>	39.38		50.0000		78.8	61 - 124			
<b>Duplicate (B4D0055-DUP1)</b>									
<b>Source: 1400972-03RE1</b>									
Prepared: 4/3/2014 Analyzed: 4/3/2014									
1,1-Dichloroethene	ND	2.5		ND	NR			20	
Benzene	210.250	2.5		247.000	NR		16.1	20	
Chlorobenzene	ND	2.5		ND	NR			20	
MTBE	ND	2.5		ND	NR			20	
Toluene	12.6000	2.5		14.5000	NR		14.0	20	
Trichloroethene	ND	2.5		ND	NR			20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	53.87		50.0000		108	64 - 146			
<i>Surrogate: 4-Bromofluorobenzene</i>	53.16		50.0000		106	60 - 128			
<i>Surrogate: Dibromofluoromethane</i>	51.27		50.0000		103	72 - 141			
<i>Surrogate: Toluene-d8</i>	43.34		50.0000		86.7	61 - 124			





## Certificate of Analysis

Geocon Consultants, Inc.

6671 Brisa Street

Livermore, CA 94550

Project Number : CALTRANS HEGENBERGER, E8722-0

Report To : John Love

Reported : 04/08/2014

### Notes and Definitions

S7	Surrogate recovery was outside of laboratory acceptance limit. Chromatogram shows high concentration of heavy hydrocarbons.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

#### Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.

# CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY:

<p>P.O.# _____ Quote # _____</p> <p>As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full.</p> <p>Submitter (Print): _____ Signature: _____</p>		<p>Method of Transport</p> <p><input type="checkbox"/> Client <input type="checkbox"/> ATL <input type="checkbox"/> Fedex <input type="checkbox"/> OnTrac <input type="checkbox"/> Other: _____</p>
<p>1. CHILLED <input type="checkbox"/> 4. SEALED <input type="checkbox"/> 4.6 Yr N <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/></p> <p>2. HEADSPACE (VOA) Y <input type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input type="checkbox"/> N <input type="checkbox"/></p> <p>3. CONTAINER INTACT Y <input type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input type="checkbox"/></p>		<p>Sample Condition Upon Receipt</p> <p>4.6 Yr N <input type="checkbox"/> 4. SEALED <input type="checkbox"/></p>

<p>Client: <b>Geocon Consultant, Inc.</b>          Address: 6671 Brisa Street          City: Livermore State: CA Zip Code: 94550          TEL: (925) 371-5900 FAX: (925) 371-5915</p>	<p>Project Name: <b>JOHN LOVE, LIVERMORE</b>          Project #: <b>ES722-02-018</b>          Sampler: <b>CHRIS MERRITT</b></p>
---	---

<p>Reinquished by: (Signature and Printed Name) _____ Date: _____</p> <p>Reinquished by: (Signature and Printed Name) _____ Date: _____</p> <p>Reinquished by: (Signature and Printed Name) _____ Date: _____</p>	<p>Send Report To: _____ E-mail: _____</p> <p>Company: SAME AS ABOVE</p> <p>Address: _____ State: _____ Zip: _____</p> <p>City: _____</p>
---	---

<p>Special Instructions/Comments: <b>TH3 + BTX + FOCs, 1,2-DCA AND EDB</b></p>	<p>Sample/Records - Archival &amp; Disposal          Unless otherwise requested by client, all Samples and Hardcopy will be disposed Forty-five(45) days after generation of report - electronic copies retained for five(5) years          Storage Fees (applies when storage is requested):          Sample i Forty-five(45) Days Complimentary - \$2.00 / sample / mo thereafter.          Hardcopy Reports \$17.50 per report.</p>
--	--

<p><b>BUSINESS HOURS</b> 8:30 am to 5:30 pm</p>	<p>Lab No. _____</p>	<p>Sample I.D. / Location _____</p>	<p>Date _____</p>	<p>Time _____</p>
---	----------------------	-------------------------------------	-------------------	-------------------

M	E	T	Sample Description	Date	Time
			MW-1	3/14	15:00
			MW-3	3/15	12:30
			MW-4	3/15	15:15

<p>300% SURCHARGE NEXT BUSINESS DAY IF RCVD BY 9:00 AM</p>	<p>100% SURCHARGE NEXT BUSINESS DAY 5:30 PM</p>	<p>50% SURCHARGE 2ND BUSINESS DAY 5:30 PM</p>	<p>30% SURCHARGE 3RD BUSINESS DAY 5:30 PM</p>	<p>20% SURCHARGE 4TH BUSINESS DAY 5:30 PM</p>	<p>NO SURCHARGE 5-7 BUSINESS DAYS 5:30 PM</p>	<p>10% DISCOUNT 10th BUSINESS DAY 5:30 PM</p>
--	---	---	---	---	---	---

**Diane Galvan**

---

**From:** Chris Merritt [merritt@geoconinc.com]  
**Sent:** Tuesday, April 01, 2014 12:23 PM  
**To:** Fernando Diwa; Diane Galvan  
**Subject:** Emailing: E8722-02-01B COC 3.31.2014.pdf  
**Attachments:** E8722-02-01B COC 3.31.2014.pdf

Copy of COC from yesterday with date/time.

**CHAIN OF CUSTODY RECORD**

FOR LABORATORY USE ONLY:



3275 Walnut Ave., Signal Hill, CA 90755  
Tel: (562) 989-4045 • Fax: (562) 989-4040

Subscriber - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing

P.O.#: \_\_\_\_\_  
Quote #: \_\_\_\_\_  
As the authorized agent of the below named company, I hereby purchase testing services from ATL as detailed below and guarantee payment in full.  
Subscriber (Print): \_\_\_\_\_  
Signature: \_\_\_\_\_

Client: Geokon Consultant, Inc.

Address: 6671 Brita Street  
City: Livermore  
State: CA  
Zip Code: 94550  
Tel: (925) 371-5900  
Fax: (925) 371-5915

Project Name: **WILSONS REGENERATED TYPING COFFERS**  
Project #: **EG722-02-018**  
Sampler: \_\_\_\_\_ (Printed Name)  
Signature: \_\_\_\_\_ (Signature)

Retinquished by: (Signature and Printed Name)  
Date: **3/31/14** Time: **1730**  
Received by: (Signature and Printed Name)  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

Retinquished by: (Signature and Printed Name)  
Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received by: (Signature and Printed Name)  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

Bill To: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Company: **SAME AS ABOVE**  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Send Report To: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Company: **SAME AS ABOVE**  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Special Instructions/Comments: **THG + TRG + BTEX, FCCS, 1,2-DGA AND EDB**

**Sample/Records - Archival & Disposal**  
Unless otherwise requested by client, all samples and hardcopy will be disposed forty-five (45) days after generation of report - electronic copies retained for five (5) years.  
**Storage Fees (applies when storage is requested):**  
Sample: Forty-five (45) Days Complimentary - \$2.00 / sample / no thereafter.  
Hardcopy Reports: \$17.50 per report.

ME	LAB No.	Sample Description	Date	Time
1	MM-1		3/11/14	1730
2	MM-3		3/11/14	1730
3	MM-4		3/11/14	1730

10	9	8	7	6	5	4	3	2	1

Circle or Write in	Analysis Needed	Container(s)	Type	#	TAT	REMARKS
8080-824 (Volatiles)						
80158 (GRO)						
TO-15 / TO-14						
82708 (828/841) / 8021 (BTEX)						
80158 (DRO) / 80158 (HCLD)						
8081 (COC) / 8141 (OPPC)						
8082 (COC)						
80108 / 471 (C4M Metals)						
80108-200 (C4M Metals)						
80208-200 (C4M Metals)						
7198-218 (Hex Chromium)						
300 (Alloys) / 31 (Perchlorate)						
SOL (SEDIMENT/SILT/SLUDGE)						
SOLDS/WIPES/FILTERERS						
WATER-DRAIN/WW/GROUND						
WATER-STORM/WASTE						
AQUEOUS/LAYERED OIL						

Method of Transport:  Client  ATL  OnTrac  Other: \_\_\_\_\_

Sample Condition Upon Receipt:  1. CHILLED  2. HEADSPACE (VOA)  3. CONTAINER INTACT  4. SEALED  5. # OF SPLS MATCH COC  6. PRESERVED  7. N/A

FOR LABORATORY USE ONLY:

RECEIVED BY: 9:00 AM  
NEXT BUSINESS DAY  
100% SURCHARGE  
TAT 1  
ASK FOR QUOTE  
TAT 2  
50% SURCHARGE  
NEXT BUSINESS DAY  
9:00 PM  
50% SURCHARGE  
TAT 3  
20% SURCHARGE  
4TH BUSINESS DAY  
5:00 PM  
20% SURCHARGE  
TAT 4  
6TH BUSINESS DAY  
5:00 PM  
5-7 BUSINESS DAYS  
NO SURCHARGE  
TAT 5  
9:00 PM  
NO SURCHARGE  
TAT 6  
10TH BUSINESS DAY  
5:00 PM  
10% SURCHARGE  
TAT 7  
12TH BUSINESS DAY  
5:00 PM  
15% SURCHARGE  
TAT 8  
15TH BUSINESS DAY  
5:00 PM  
20% SURCHARGE  
TAT 9  
18TH BUSINESS DAY  
5:00 PM  
25% SURCHARGE  
TAT 10  
21ST BUSINESS DAY  
5:00 PM  
30% SURCHARGE  
TAT 11  
24TH BUSINESS DAY  
5:00 PM  
35% SURCHARGE  
TAT 12  
27TH BUSINESS DAY  
5:00 PM  
40% SURCHARGE  
TAT 13  
30TH BUSINESS DAY  
5:00 PM  
45% SURCHARGE  
TAT 14  
33RD BUSINESS DAY  
5:00 PM  
50% SURCHARGE  
TAT 15  
36TH BUSINESS DAY  
5:00 PM  
55% SURCHARGE  
TAT 16  
39TH BUSINESS DAY  
5:00 PM  
60% SURCHARGE  
TAT 17  
42ND BUSINESS DAY  
5:00 PM  
65% SURCHARGE  
TAT 18  
45TH BUSINESS DAY  
5:00 PM  
70% SURCHARGE  
TAT 19  
48TH BUSINESS DAY  
5:00 PM  
75% SURCHARGE  
TAT 20  
51ST BUSINESS DAY  
5:00 PM  
80% SURCHARGE  
TAT 21  
54TH BUSINESS DAY  
5:00 PM  
85% SURCHARGE  
TAT 22  
57TH BUSINESS DAY  
5:00 PM  
90% SURCHARGE  
TAT 23  
60TH BUSINESS DAY  
5:00 PM  
95% SURCHARGE  
TAT 24  
63RD BUSINESS DAY  
5:00 PM  
100% SURCHARGE  
TAT 25  
66TH BUSINESS DAY  
5:00 PM  
105% SURCHARGE  
TAT 26  
69TH BUSINESS DAY  
5:00 PM  
110% SURCHARGE  
TAT 27  
72ND BUSINESS DAY  
5:00 PM  
115% SURCHARGE  
TAT 28  
75TH BUSINESS DAY  
5:00 PM  
120% SURCHARGE  
TAT 29  
78TH BUSINESS DAY  
5:00 PM  
125% SURCHARGE  
TAT 30  
81ST BUSINESS DAY  
5:00 PM  
130% SURCHARGE  
TAT 31  
84TH BUSINESS DAY  
5:00 PM  
135% SURCHARGE  
TAT 32  
87TH BUSINESS DAY  
5:00 PM  
140% SURCHARGE  
TAT 33  
90TH BUSINESS DAY  
5:00 PM  
145% SURCHARGE  
TAT 34  
93RD BUSINESS DAY  
5:00 PM  
150% SURCHARGE  
TAT 35  
96TH BUSINESS DAY  
5:00 PM  
155% SURCHARGE  
TAT 36  
99TH BUSINESS DAY  
5:00 PM  
160% SURCHARGE  
TAT 37  
102ND BUSINESS DAY  
5:00 PM  
165% SURCHARGE  
TAT 38  
105TH BUSINESS DAY  
5:00 PM  
170% SURCHARGE  
TAT 39  
108TH BUSINESS DAY  
5:00 PM  
175% SURCHARGE  
TAT 40  
111TH BUSINESS DAY  
5:00 PM  
180% SURCHARGE  
TAT 41  
114TH BUSINESS DAY  
5:00 PM  
185% SURCHARGE  
TAT 42  
117TH BUSINESS DAY  
5:00 PM  
190% SURCHARGE  
TAT 43  
120TH BUSINESS DAY  
5:00 PM  
195% SURCHARGE  
TAT 44  
123TH BUSINESS DAY  
5:00 PM  
200% SURCHARGE  
TAT 45  
126TH BUSINESS DAY  
5:00 PM  
205% SURCHARGE  
TAT 46  
129TH BUSINESS DAY  
5:00 PM  
210% SURCHARGE  
TAT 47  
132TH BUSINESS DAY  
5:00 PM  
215% SURCHARGE  
TAT 48  
135TH BUSINESS DAY  
5:00 PM  
220% SURCHARGE  
TAT 49  
138TH BUSINESS DAY  
5:00 PM  
225% SURCHARGE  
TAT 50  
141TH BUSINESS DAY  
5:00 PM  
230% SURCHARGE  
TAT 51  
144TH BUSINESS DAY  
5:00 PM  
235% SURCHARGE  
TAT 52  
147TH BUSINESS DAY  
5:00 PM  
240% SURCHARGE  
TAT 53  
150TH BUSINESS DAY  
5:00 PM  
245% SURCHARGE  
TAT 54  
153TH BUSINESS DAY  
5:00 PM  
250% SURCHARGE  
TAT 55  
156TH BUSINESS DAY  
5:00 PM  
255% SURCHARGE  
TAT 56  
159TH BUSINESS DAY  
5:00 PM  
260% SURCHARGE  
TAT 57  
162TH BUSINESS DAY  
5:00 PM  
265% SURCHARGE  
TAT 58  
165TH BUSINESS DAY  
5:00 PM  
270% SURCHARGE  
TAT 59  
168TH BUSINESS DAY  
5:00 PM  
275% SURCHARGE  
TAT 60  
171TH BUSINESS DAY  
5:00 PM  
280% SURCHARGE  
TAT 61  
174TH BUSINESS DAY  
5:00 PM  
285% SURCHARGE  
TAT 62  
177TH BUSINESS DAY  
5:00 PM  
290% SURCHARGE  
TAT 63  
180TH BUSINESS DAY  
5:00 PM  
295% SURCHARGE  
TAT 64  
183TH BUSINESS DAY  
5:00 PM  
300% SURCHARGE  
TAT 65  
186TH BUSINESS DAY  
5:00 PM  
305% SURCHARGE  
TAT 66  
189TH BUSINESS DAY  
5:00 PM  
310% SURCHARGE  
TAT 67  
192TH BUSINESS DAY  
5:00 PM  
315% SURCHARGE  
TAT 68  
195TH BUSINESS DAY  
5:00 PM  
320% SURCHARGE  
TAT 69  
198TH BUSINESS DAY  
5:00 PM  
325% SURCHARGE  
TAT 70  
201TH BUSINESS DAY  
5:00 PM  
330% SURCHARGE  
TAT 71  
204TH BUSINESS DAY  
5:00 PM  
335% SURCHARGE  
TAT 72  
207TH BUSINESS DAY  
5:00 PM  
340% SURCHARGE  
TAT 73  
210TH BUSINESS DAY  
5:00 PM  
345% SURCHARGE  
TAT 74  
213TH BUSINESS DAY  
5:00 PM  
350% SURCHARGE  
TAT 75  
216TH BUSINESS DAY  
5:00 PM  
355% SURCHARGE  
TAT 76  
219TH BUSINESS DAY  
5:00 PM  
360% SURCHARGE  
TAT 77  
222TH BUSINESS DAY  
5:00 PM  
365% SURCHARGE  
TAT 78  
225TH BUSINESS DAY  
5:00 PM  
370% SURCHARGE  
TAT 79  
228TH BUSINESS DAY  
5:00 PM  
375% SURCHARGE  
TAT 80  
231TH BUSINESS DAY  
5:00 PM  
380% SURCHARGE  
TAT 81  
234TH BUSINESS DAY  
5:00 PM  
385% SURCHARGE  
TAT 82  
237TH BUSINESS DAY  
5:00 PM  
390% SURCHARGE  
TAT 83  
240TH BUSINESS DAY  
5:00 PM  
395% SURCHARGE  
TAT 84  
243TH BUSINESS DAY  
5:00 PM  
400% SURCHARGE  
TAT 85  
246TH BUSINESS DAY  
5:00 PM  
405% SURCHARGE  
TAT 86  
249TH BUSINESS DAY  
5:00 PM  
410% SURCHARGE  
TAT 87  
252TH BUSINESS DAY  
5:00 PM  
415% SURCHARGE  
TAT 88  
255TH BUSINESS DAY  
5:00 PM  
420% SURCHARGE  
TAT 89  
258TH BUSINESS DAY  
5:00 PM  
425% SURCHARGE  
TAT 90  
261TH BUSINESS DAY  
5:00 PM  
430% SURCHARGE  
TAT 91  
264TH BUSINESS DAY  
5:00 PM  
435% SURCHARGE  
TAT 92  
267TH BUSINESS DAY  
5:00 PM  
440% SURCHARGE  
TAT 93  
270TH BUSINESS DAY  
5:00 PM  
445% SURCHARGE  
TAT 94  
273TH BUSINESS DAY  
5:00 PM  
450% SURCHARGE  
TAT 95  
276TH BUSINESS DAY  
5:00 PM  
455% SURCHARGE  
TAT 96  
279TH BUSINESS DAY  
5:00 PM  
460% SURCHARGE  
TAT 97  
282TH BUSINESS DAY  
5:00 PM  
465% SURCHARGE  
TAT 98  
285TH BUSINESS DAY  
5:00 PM  
470% SURCHARGE  
TAT 99  
288TH BUSINESS DAY  
5:00 PM  
475% SURCHARGE  
TAT 100  
291TH BUSINESS DAY  
5:00 PM  
480% SURCHARGE  
TAT 101  
294TH BUSINESS DAY  
5:00 PM  
485% SURCHARGE  
TAT 102  
297TH BUSINESS DAY  
5:00 PM  
490% SURCHARGE  
TAT 103  
300TH BUSINESS DAY  
5:00 PM  
495% SURCHARGE  
TAT 104  
303TH BUSINESS DAY  
5:00 PM  
500% SURCHARGE  
TAT 105  
306TH BUSINESS DAY  
5:00 PM  
505% SURCHARGE  
TAT 106  
309TH BUSINESS DAY  
5:00 PM  
510% SURCHARGE  
TAT 107  
312TH BUSINESS DAY  
5:00 PM  
515% SURCHARGE  
TAT 108  
315TH BUSINESS DAY  
5:00 PM  
520% SURCHARGE  
TAT 109  
318TH BUSINESS DAY  
5:00 PM  
525% SURCHARGE  
TAT 110  
321TH BUSINESS DAY  
5:00 PM  
530% SURCHARGE  
TAT 111  
324TH BUSINESS DAY  
5:00 PM  
535% SURCHARGE  
TAT 112  
327TH BUSINESS DAY  
5:00 PM  
540% SURCHARGE  
TAT 113  
330TH BUSINESS DAY  
5:00 PM  
545% SURCHARGE  
TAT 114  
333TH BUSINESS DAY  
5:00 PM  
550% SURCHARGE  
TAT 115  
336TH BUSINESS DAY  
5:00 PM  
555% SURCHARGE  
TAT 116  
339TH BUSINESS DAY  
5:00 PM  
560% SURCHARGE  
TAT 117  
342TH BUSINESS DAY  
5:00 PM  
565% SURCHARGE  
TAT 118  
345TH BUSINESS DAY  
5:00 PM  
570% SURCHARGE  
TAT 119  
348TH BUSINESS DAY  
5:00 PM  
575% SURCHARGE  
TAT 120  
351TH BUSINESS DAY  
5:00 PM  
580% SURCHARGE  
TAT 121  
354TH BUSINESS DAY  
5:00 PM  
585% SURCHARGE  
TAT 122  
357TH BUSINESS DAY  
5:00 PM  
590% SURCHARGE  
TAT 123  
360TH BUSINESS DAY  
5:00 PM  
595% SURCHARGE  
TAT 124  
363TH BUSINESS DAY  
5:00 PM  
600% SURCHARGE  
TAT 125  
366TH BUSINESS DAY  
5:00 PM  
605% SURCHARGE  
TAT 126  
369TH BUSINESS DAY  
5:00 PM  
610% SURCHARGE  
TAT 127  
372TH BUSINESS DAY  
5:00 PM  
615% SURCHARGE  
TAT 128  
375TH BUSINESS DAY  
5:00 PM  
620% SURCHARGE  
TAT 129  
378TH BUSINESS DAY  
5:00 PM  
625% SURCHARGE  
TAT 130  
381TH BUSINESS DAY  
5:00 PM  
630% SURCHARGE  
TAT 131  
384TH BUSINESS DAY  
5:00 PM  
635% SURCHARGE  
TAT 132  
387TH BUSINESS DAY  
5:00 PM  
640% SURCHARGE  
TAT 133  
390TH BUSINESS DAY  
5:00 PM  
645% SURCHARGE  
TAT 134  
393TH BUSINESS DAY  
5:00 PM  
650% SURCHARGE  
TAT 135  
396TH BUSINESS DAY  
5:00 PM  
655% SURCHARGE  
TAT 136  
399TH BUSINESS DAY  
5:00 PM  
660% SURCHARGE  
TAT 137  
402TH BUSINESS DAY  
5:00 PM  
665% SURCHARGE  
TAT 138  
405TH BUSINESS DAY  
5:00 PM  
670% SURCHARGE  
TAT 139  
408TH BUSINESS DAY  
5:00 PM  
675% SURCHARGE  
TAT 140  
411TH BUSINESS DAY  
5:00 PM  
680% SURCHARGE  
TAT 141  
414TH BUSINESS DAY  
5:00 PM  
685% SURCHARGE  
TAT 142  
417TH BUSINESS DAY  
5:00 PM  
690% SURCHARGE  
TAT 143  
420TH BUSINESS DAY  
5:00 PM  
695% SURCHARGE  
TAT 144  
423TH BUSINESS DAY  
5:00 PM  
700% SURCHARGE  
TAT 145  
426TH BUSINESS DAY  
5:00 PM  
705% SURCHARGE  
TAT 146  
429TH BUSINESS DAY  
5:00 PM  
710% SURCHARGE  
TAT 147  
432TH BUSINESS DAY  
5:00 PM  
715% SURCHARGE  
TAT 148  
435TH BUSINESS DAY  
5:00 PM  
720% SURCHARGE  
TAT 149  
438TH BUSINESS DAY  
5:00 PM  
725% SURCHARGE  
TAT 150  
441TH BUSINESS DAY  
5:00 PM  
730% SURCHARGE  
TAT 151  
444TH BUSINESS DAY  
5:00 PM  
735% SURCHARGE  
TAT 152  
447TH BUSINESS DAY  
5:00 PM  
740% SURCHARGE  
TAT 153  
450TH BUSINESS DAY  
5:00 PM  
745% SURCHARGE  
TAT 154  
453TH BUSINESS DAY  
5:00 PM  
750% SURCHARGE  
TAT 155  
456TH BUSINESS DAY  
5:00 PM  
755% SURCHARGE  
TAT 156  
459TH BUSINESS DAY  
5:00 PM  
760% SURCHARGE  
TAT 157  
462TH BUSINESS DAY  
5:00 PM  
765% SURCHARGE  
TAT 158  
465TH BUSINESS DAY  
5:00 PM  
770% SURCHARGE  
TAT 159  
468TH BUSINESS DAY  
5:00 PM  
775% SURCHARGE  
TAT 160  
471TH BUSINESS DAY  
5:00 PM  
780% SURCHARGE  
TAT 161  
474TH BUSINESS DAY  
5:00 PM  
785% SURCHARGE  
TAT 162  
477TH BUSINESS DAY  
5:00 PM  
790% SURCHARGE  
TAT 163  
480TH BUSINESS DAY  
5:00 PM  
795% SURCHARGE  
TAT 164  
483TH BUSINESS DAY  
5:00 PM  
800% SURCHARGE  
TAT 165  
486TH BUSINESS DAY  
5:00 PM  
805% SURCHARGE  
TAT 166  
489TH BUSINESS DAY  
5:00 PM  
810% SURCHARGE  
TAT 167  
492TH BUSINESS DAY  
5:00 PM  
815% SURCHARGE  
TAT 168  
495TH BUSINESS DAY  
5:00 PM  
820% SURCHARGE  
TAT 169  
498TH BUSINESS DAY  
5:00 PM  
825% SURCHARGE  
TAT 170  
501TH BUSINESS DAY  
5:00 PM  
830% SURCHARGE  
TAT 171  
504TH BUSINESS DAY  
5:00 PM  
835% SURCHARGE  
TAT 172  
507TH BUSINESS DAY  
5:00 PM  
840% SURCHARGE  
TAT 173  
510TH BUSINESS DAY  
5:00 PM  
845% SURCHARGE  
TAT 174  
513TH BUSINESS DAY  
5:00 PM  
850% SURCHARGE  
TAT 175  
516TH BUSINESS DAY  
5:00 PM  
855% SURCHARGE  
TAT 176  
519TH BUSINESS DAY  
5:00 PM  
860% SURCHARGE  
TAT 177  
522TH BUSINESS DAY  
5:00 PM  
865% SURCHARGE  
TAT 178  
525TH BUSINESS DAY  
5:00 PM  
870% SURCHARGE  
TAT 179  
528TH BUSINESS DAY  
5:00 PM  
875% SURCHARGE  
TAT 180  
531TH BUSINESS DAY  
5:00 PM  
880% SURCHARGE  
TAT 181  
534TH BUSINESS DAY  
5:00 PM  
885% SURCHARGE  
TAT 182  
537TH BUSINESS DAY  
5:00 PM  
890% SURCHARGE  
TAT 183  
540TH BUSINESS DAY  
5:00 PM  
895% SURCHARGE  
TAT 184  
543TH BUSINESS DAY  
5:00 PM  
900% SURCHARGE  
TAT 185  
546TH BUSINESS DAY  
5:00 PM  
905% SURCHARGE  
TAT 186  
549TH BUSINESS DAY  
5:00 PM  
910% SURCHARGE  
TAT 187  
552TH BUSINESS DAY  
5:00 PM  
915% SURCHARGE  
TAT 188  
555TH BUSINESS DAY  
5:00 PM  
920% SURCHARGE  
TAT 189  
558TH BUSINESS DAY  
5:00 PM  
925% SURCHARGE  
TAT 190  
561TH BUSINESS DAY  
5:00 PM  
930% SURCHARGE  
TAT 191  
564TH BUSINESS DAY  
5:00 PM  
935% SURCHARGE  
TAT 192  
567TH BUSINESS DAY  
5:00 PM  
940% SURCHARGE  
TAT 193  
570TH BUSINESS DAY  
5:00 PM  
945% SURCHARGE  
TAT 194  
573TH BUSINESS DAY  
5:00 PM  
950% SURCHARGE  
TAT 195  
576TH BUSINESS DAY  
5:00 PM  
955% SURCHARGE  
TAT 196  
579TH BUSINESS DAY  
5:00 PM  
960% SURCHARGE  
TAT 197  
582TH BUSINESS DAY  
5:00 PM  
965% SURCHARGE  
TAT 198  
585TH BUSINESS DAY  
5:00 PM  
970% SURCHARGE  
TAT 199  
588TH BUSINESS DAY  
5:00 PM  
975% SURCHARGE  
TAT 200  
591TH BUSINESS DAY  
5:00 PM  
980% SURCHARGE  
TAT 201  
594TH BUSINESS DAY  
5:00 PM  
985% SURCHARGE  
TAT 202  
597TH BUSINESS DAY  
5:00 PM  
990% SURCHARGE  
TAT 203  
600TH BUSINESS DAY  
5:00 PM  
995% SURCHARGE  
TAT 204  
603TH BUSINESS DAY  
5:00 PM  
1000% SURCHARGE  
TAT 205  
606TH BUSINESS DAY  
5:00 PM  
1005% SURCHARGE  
TAT 206  
609TH BUSINESS DAY  
5:00 PM  
1010% SURCHARGE  
TAT 207  
612TH BUSINESS DAY  
5:00 PM  
1015% SURCHARGE  
TAT 208  
615TH BUSINESS DAY  
5:00 PM  
1020% SURCHARGE  
TAT 209  
618TH BUSINESS DAY  
5:00 PM  
1025% SURCHARGE  
TAT 210  
621TH BUSINESS DAY  
5:00 PM  
1030% SURCHARGE  
TAT 211  
624TH BUSINESS DAY  
5:00 PM  
1035% SURCHARGE  
TAT 212  
627TH BUSINESS DAY  
5:00 PM  
1040% SURCHARGE  
TAT 213  
630TH BUSINESS DAY  
5:00 PM  
1045% SURCHARGE  
TAT 214  
633TH BUSINESS DAY  
5:00 PM  
1050% SURCHARGE  
TAT 215  
636TH BUSINESS DAY  
5:00 PM  
1055% SURCHARGE  
TAT 216  
639TH BUSINESS DAY  
5:00 PM  
1060% SURCHARGE  
TAT 217  
642TH BUSINESS DAY  
5:00 PM  
1065% SURCHARGE  
TAT 218  
645TH BUSINESS DAY  
5:00 PM  
1070% SURCHARGE  
TAT 219  
648TH BUSINESS DAY  
5:00 PM  
1075% SURCHARGE  
TAT 220  
651TH BUSINESS DAY  
5:00 PM  
1080% SURCHARGE  
TAT 221  
654TH BUSINESS DAY  
5:00 PM  
1085% SURCHARGE  
TAT 222  
657TH BUSINESS DAY  
5:00 PM  
1090% SURCHARGE  
TAT 223  
660TH BUSINESS DAY  
5:00 PM  
1095% SURCHARGE  
TAT 224  
663TH BUSINESS DAY  
5:00 PM  
1100% SURCHARGE  
TAT 225  
666TH BUSINESS DAY  
5:00 PM  
1105% SURCHARGE  
TAT 226  
669TH BUSINESS DAY  
5:00 PM  
1110% SURCHARGE  
TAT 227  
672TH BUSINESS DAY  
5:00 PM  
1115% SURCHARGE  
TAT 228  
675TH BUSINESS DAY  
5:00 PM  
1120% SURCHARGE  
TAT 229  
678TH BUSINESS DAY  
5:00 PM  
1125% SURCHARGE  
TAT 230  
681TH BUSINESS DAY  
5:00 PM  
1130% SURCHARGE  
TAT 231  
684TH BUSINESS DAY  
5:00 PM  
1135% SURCHARGE  
TAT 232  
687TH BUSINESS DAY  
5:00 PM  
1140% SURCHARGE  
TAT 233  
690TH BUSINESS DAY  
5:00 PM  
1145% SURCHARGE  
TAT 234  
693TH BUSINESS DAY  
5:00 PM  
1150% SURCHARGE  
TAT 235  
696TH BUSINESS DAY  
5:00 PM  
1155% SURCHARGE  
TAT 236  
699TH BUSINESS DAY  
5:00 PM  
1160% SURCHARGE  
TAT 237  
702TH BUSINESS DAY  
5:00 PM  
1165% SURCHARGE  
TAT 238  
705TH BUSINESS DAY  
5:00 PM  
1170% SURCHARGE  
TAT 239  
708TH BUSINESS DAY  
5:00 PM  
1175% SURCHARGE  
TAT 240  
711TH BUSINESS DAY  
5:00 PM  
1180% SURCHARGE  
TAT 241  
714TH BUSINESS DAY  
5:00 PM  
1185% SURCHARGE  
TAT 242  
717TH BUSINESS DAY  
5:00 PM  
1190% SURCHARGE  
TAT 243  
720TH BUSINESS DAY  
5:00 PM  
1195% SURCHARGE  
TAT 244  
723TH BUSINESS DAY  
5:00 PM  
1200% SURCHARGE  
TAT 245  
726TH BUSINESS DAY  
5:00 PM  
1205% SURCHARGE  
TAT 246  
729TH BUSINESS DAY  
5:00 PM  
1210% SURCHARGE  
TAT 247  
732TH BUSINESS DAY  
5:00 PM  
1215% SURCHARGE  
TAT 248  
735TH BUSINESS DAY  
5:00 PM  
1220% SURCHARGE  
TAT 249  
738TH BUSINESS DAY  
5:00 PM  
1225% SURCHARGE  
TAT 250  
741TH BUSINESS DAY  
5:00 PM  
1230% SURCHARGE  
TAT 251  
744TH BUSINESS DAY  
5:00 PM  
1235% SURCHARGE  
TAT 252  
747TH BUSINESS DAY  
5:00 PM  
1240% SURCHARGE  
TAT 253  
750TH BUSINESS DAY  
5:00 PM  
1245% SURCHARGE  
TAT 254  
753TH BUSINESS DAY  
5:00 PM  
1250% SURCHARGE  
TAT 255  
756TH BUSINESS DAY  
5:00 PM  
1255% SURCHARGE  
TAT 256  
759TH BUSINESS DAY  
5:00 PM  
1260% SURCHARGE  
TAT 257  
762TH BUSINESS DAY  
5:00 PM  
1265% SURCHARGE  
TAT 258  
765TH BUSINESS DAY  
5:00 PM  
1270% SURCHARGE  
TAT 259  
768TH BUSINESS DAY  
5:00 PM  
1275% SURCHARGE  
TAT 260  
771TH BUSINESS DAY  
5:00 PM  
1280% SURCHARGE  
TAT 261  
774TH BUSINESS DAY  
5:00 PM  
1285% SURCHARGE  
TAT 262  
777TH BUSINESS DAY  
5:00 PM  
1290% SURCHARGE  
TAT 263  
780TH BUSINESS DAY  
5:00 PM  
1295% SURCHARGE  
TAT 264  
783TH BUSINESS DAY  
5:00 PM  
1300% SURCHARGE  
TAT 265  
786TH BUSINESS DAY  
5:00 PM  
1305% SURCHARGE  
TAT 266  
789TH BUSINESS DAY  
5:00 PM  
1310% SURCHARGE  
TAT 267  
792TH BUSINESS DAY  
5:00 PM  
1315% SURCHARGE  
TAT 268  
795TH BUSINESS DAY  
5:00 PM  
1320% SURCHARGE  
TAT 269  
798TH BUSINESS DAY  
5:00 PM  
1325% SURCHARGE  
TAT 270  
801TH BUSINESS DAY  
5:00 PM  
1330% SURCHARGE  
TAT 271  
804TH BUSINESS DAY  
5:00 PM  
1335% SURCHARGE  
TAT 272  
807TH BUSINESS DAY  
5:00 PM  
1340% SURCHARGE  
TAT 273  
810TH BUSINESS DAY  
5:00 PM  
1345% SURCHARGE  
TAT 274  
813TH BUSINESS DAY  
5:00 PM  
1350% SURCHARGE  
TAT 275  
816TH BUSINESS DAY  
5:00 PM  
1355% SURCHARGE  
TAT 276  
819TH BUSINESS DAY  
5:00 PM  
1360% SURCHARGE  
TAT 277  
822TH BUSINESS DAY  
5:00 PM  
1365% SURCHARGE  
TAT 278  
825TH BUSINESS DAY  
5:00 PM  
1370% SURCHARGE  
TAT 279  
828TH BUSINESS DAY  
5:00 PM  
1375% SURCHARGE  
TAT 280  
831TH BUSINESS DAY  
5:00 PM  
1380% SURCHARGE  
TAT 281  
834TH BUSINESS DAY  
5:00 PM  
1385% SURCHARGE  
TAT 282  
837TH BUSINESS DAY  
5:00 PM  
1390% SURCHARGE  
TAT 283  
840TH BUSINESS DAY  
5:00 PM  
1395% SURCHARGE  
TAT 284  
843TH BUSINESS DAY  
5:00 PM  
1400% SURCHARGE  
TAT 285  
846TH BUSINESS DAY  
5:00 PM  
1405% SURCHARGE  
TAT 286  
849TH BUSINESS DAY  
5:00 PM  
1410% SURCHARGE  
TAT 287  
852TH BUSINESS DAY  
5:00 PM  
1415% SURCHARGE  
TAT 288  
855TH BUSINESS DAY  
5:00 PM  
1420% SURCHARGE  
TAT 289  
858TH BUSINESS DAY  
5:00 PM  
1425% SURCHARGE  
TAT 290  
861TH BUSINESS DAY  
5:00 PM  
1430% SURCHARGE  
TAT 291  
864TH BUSINESS DAY  
5:00 PM  
1435% SURCHARGE  
TAT 292  
867TH BUSINESS DAY  
5:00 PM  
1440% SURCHARGE  
TAT 293  
870TH BUSINESS DAY  
5:00 PM  
1445% SURCHARGE  
TAT 294  
873TH BUSINESS DAY  
5:00 PM  
1450% SURCHARGE  
TAT 295  
876TH BUSINESS DAY  
5:00 PM  
1455% SURCHARGE  
TAT 296  
879TH BUSINESS DAY  
5:00 PM  
1460% SURCHARGE  
TAT 297  
882TH BUSINESS DAY  
5:00 PM  
1465% SURCHARGE  
TAT 298  
885TH BUSINESS DAY  
5:00 PM  
1470% SURCHARGE  
TAT 299  
888TH BUSINESS DAY  
5:00 PM  
1475% SURCHARGE  
TAT 3

**Diane Galvan**

---

**From:** Chris Merritt [merritt@geoconinc.com]  
**Sent:** Tuesday, April 01, 2014 1:19 PM  
**To:** Fernando Diwa; Diane Galvan  
**Subject:** BTW, E8722-02-01B

The times are transposed on MW3 and MW4, should be 1315 and 1230 respectively.

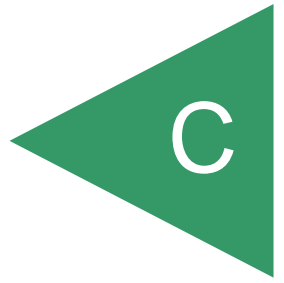
## **Chris Merritt**

*Project Geologist*

Please visit our website at <http://www.geoconinc.com>

**GEOCON Consultants, Inc.**  
**6671 Brisa Street**  
**Livermore, CA 94550**  
**925-371-5900 (office)**  
**925-371-5915 (fax)**  
**510-750-3369 (mobile)**  
**Merritt@geoconinc.com**

APPENDIX



**DEPARTMENT OF TRANSPORTATION****DISTRICT 4**

Office of Environmental Engineering  
P.O. BOX 23660, MS 8C  
OAKLAND, CA 94623-0660  
PHONE (510) 286-5668  
FAX (510) 286-5639  
TTY 711  
www.dot.ca.gov



*Flex your power!  
Be energy efficient!*

Date: July 16, 2014

Mr. Keith Nowell  
Alameda County Health Care Services  
Environmental Protection Division  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Reference: First Quarter 2014 Groundwater Monitoring Report  
Former Hegenberger Maintenance Station  
555 Hegenberger Road  
Oakland, California


Dear Mr. Nowell:

Attached for your review is the First Quarter 2014 Groundwater Monitoring Report for the Former Hegenberger Maintenance Station located at 555 Hegenberger Road in Oakland, California. This report was prepared for the Alameda County Health Care Services Environmental Protection Division by Geocon Consultants, Inc.

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

If you have any questions, please don't hesitate to contact me or Geocon project manager John Love at (925) 371-5900 extension 407.

Sincerely,

*For* 

Ray Boyer, P.E.  
District Branch Chief  
California Department of Transportation - District 04  
Division of Environmental Planning & Engineering  
Office of Environmental Engineering  
(510) 286-5668