

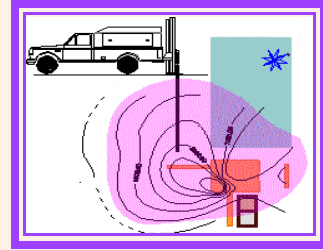
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2:53 pm, Apr 12, 2010

Alameda County  
Environmental Health

**March 29, 2010**

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**Subject: Groundwater Monitoring of Hydrocarbons Related to the Former  
Underground Storage Tanks at the FORMER BILL CHUN SERVICE STATION  
@ 2301 SANTA CLARA AVENUE, ALAMEDA, CA 94501**

**Mr. Plunkett:**

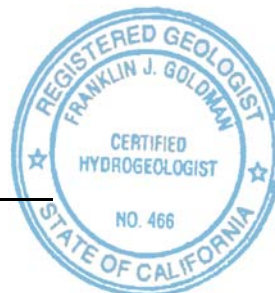
**This report summarizes the laboratory results of analyses performed for dissolved gasoline constituents in groundwater. This groundwater monitoring event represents a compilation of data covering the onsite wells and the down gradient wells installed on the Towata property. The concentrations of dissolved gasoline range organics (GROs) and benzene continues to exhibit a consistent overall decrease over many years.**

**Given that the plume has been demonstrated to be stable and that natural attenuation processes are occurring, site closure continues to be recommended. It also appears that Water Quality Objects are likely to be attained within a reasonable period of time based upon the significant rate of decrease of dissolved hydrocarbons beneath the site and the Towata property.**

**Sincerely,**

**Franklin J. Goldman**

**Certified Hydrogeologist No. 466**



## GROUNDWATER FLOW DIRECTION

On February 26, 27 and 28, 2010, a Slope Indicator water level meter was used to measure the depth to groundwater in the groundwater monitor and extraction wells. The measurements were read to the nearest 100th of a foot from the top of the casing where the elevation was established by a certified land survey.

Groundwater was encountered at depths ranging from approximately between four and one half (4½) to nine (9) feet bgs and the gradient flow and direction was estimated to be to the east-southeast at 0.04 (See [Figure 1 for Groundwater Gradient Flow and Direction Map](#)) and ([Table 1 for Depth to Water Level Measurements](#)).

## WELL PURGING AND DEVELOPMENT

Depth to groundwater was measured prior to purging to use as a reference elevation. Purging of the wells was performed by the use of 1 3/4 inch diameter disposable check valve bailors. Each well was sampled after the well purging process which entailed the removal of approximately three (3) or more well volumes from each well, allowing the water level to recover to at least 80% of the original, static water level. Temperature, electrical conductivity, and pH were monitored so that the three parameters demonstrated an error difference of within 10% from one another, over three consecutive readings (See [Appendix A for Sampling Event Logs](#)). The recorded data were used to verify that a sufficient volume of groundwater had been removed from each well casing so that anomalies caused by remnant well casing storage would not preclude us from obtaining a groundwater sample which would be representative of the aquifer contaminant distribution as a whole.

## GROUNDWATER SAMPLING FROM WELLS

Water samples were collected by lowering a plastic disposable bailer down the center of the well casing. Water samples were contained in 40-milliliter VOA vials through a low flow bottom draining plastic tube inserted into the bottom of the bailer for TPH-g, MTBE, and BTEX analyses. EPA Method 8260b for 5 oxygenates and two lead scavengers was used to confirm the presence of MTBE and other gasoline constituents. The samples were labeled and stored on ice until delivered, under chain-of-custody procedures, to American Analytics, Inc. of Chatsworth, California, a State-certified analytical laboratory.

## LABORATORY RESULTS OF HYDROCARBONS IN GROUNDWATER

Dissolved GROs and benzene in groundwater have demonstrated a general decrease in all wells since monitoring was initiated (See [Appendix B for Laboratory Data Sheets](#)) and ([Table 2 for Historical Trends of GRO and Benzene](#)

**concentrations**). The dissolved plumes of GROs and benzene in groundwater still appear to be centered in the general vicinity of the former USTs on site and extends underneath the flower shop downgradient (See Figures 2 and 3 for GRO and benzene concentration maps).

Dissolved GRO and benzene continue to exhibit decreasing trends in representative groundwater monitor wells MW-11 and MW-13. Increases in concentrations have been typically associated with decreases in the measured depth to groundwater (See Figures 4, 5, 6 and 7 for graphs of GRO & benzene concentrations vs. time).

## FIELD CLEANUP

Well purge water was placed in properly labeled 55 gallon drums left on-site for transport to a legal point of disposal.

## CONCLUSIONS

The center of the dissolved GRO and benzene plumes is located around the former UST location and beneath the Towata flower shop. The dissolved GRO and benzene plume has been demonstrated to be decreasing over many years and will very likely attain water quality objectives within a reasonable period of time.

## RECOMMENDATIONS

Close the site and properly abandon the wells.

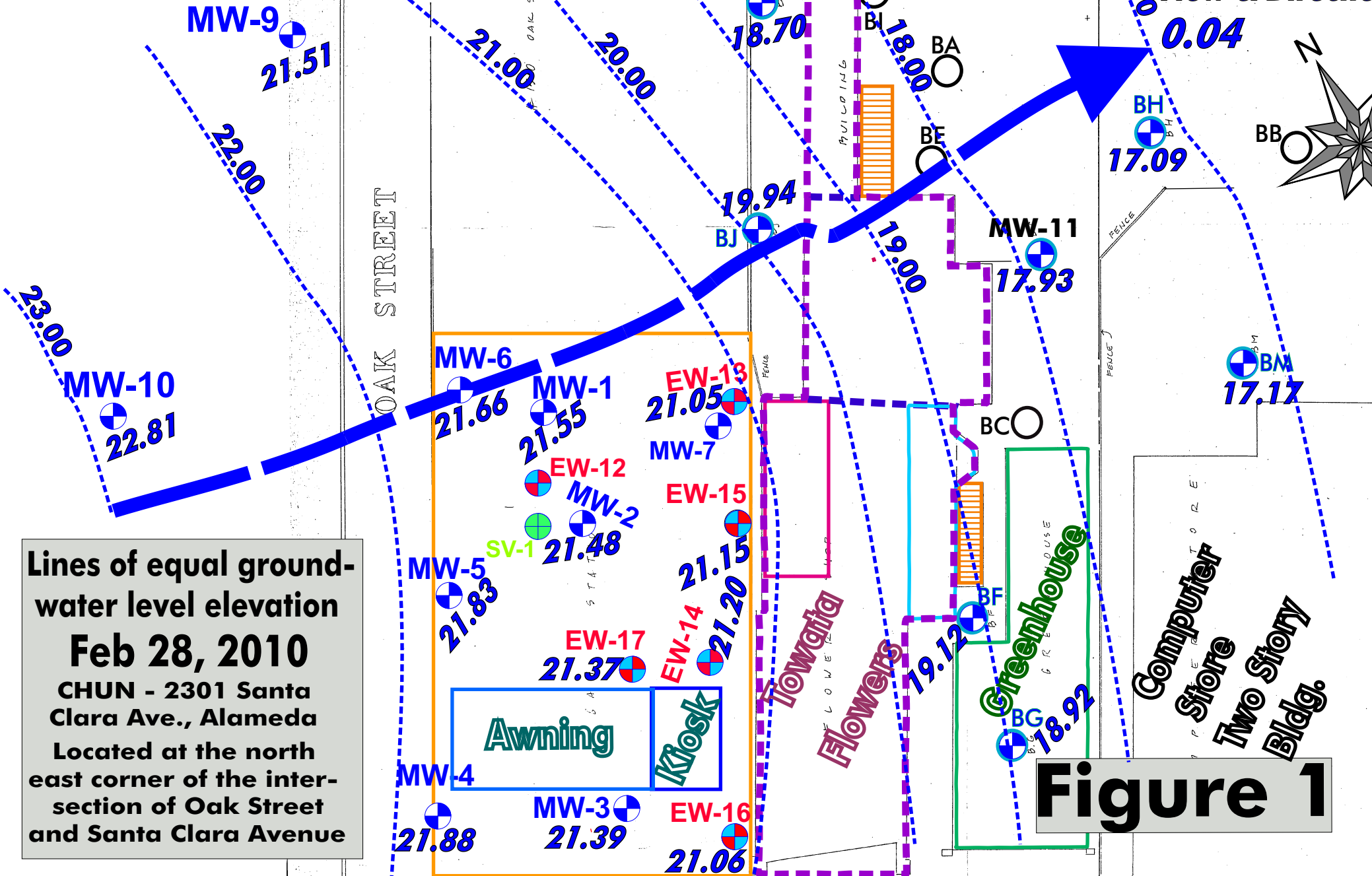
## LIMITATIONS

This report has been prepared in accordance with generally accepted environmental, geological and engineering practices. No warranty, either expressed or implied, is made as to the professional advice presented herein. The analyses, conclusions and recommendations contained in this report are based upon site conditions as they existed at the time of the investigation and they are subject to change.

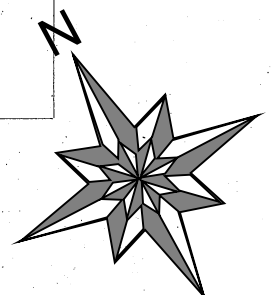
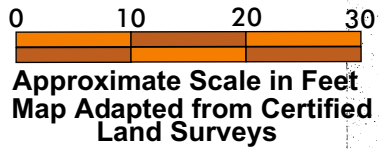
The conclusions presented in this report are professional opinions based solely upon visual observations of the site and vicinity, and interpretation of available information as described in this report. Franklin J. Goldman, recognizes that the limited scope of services performed in execution of this investigation may not be appropriate to satisfy the needs, or requirements of other state agencies, or of other users. Any use or reuse of this document or its findings, conclusions or recommendations presented herein, is done so at the sole risk of the said user.



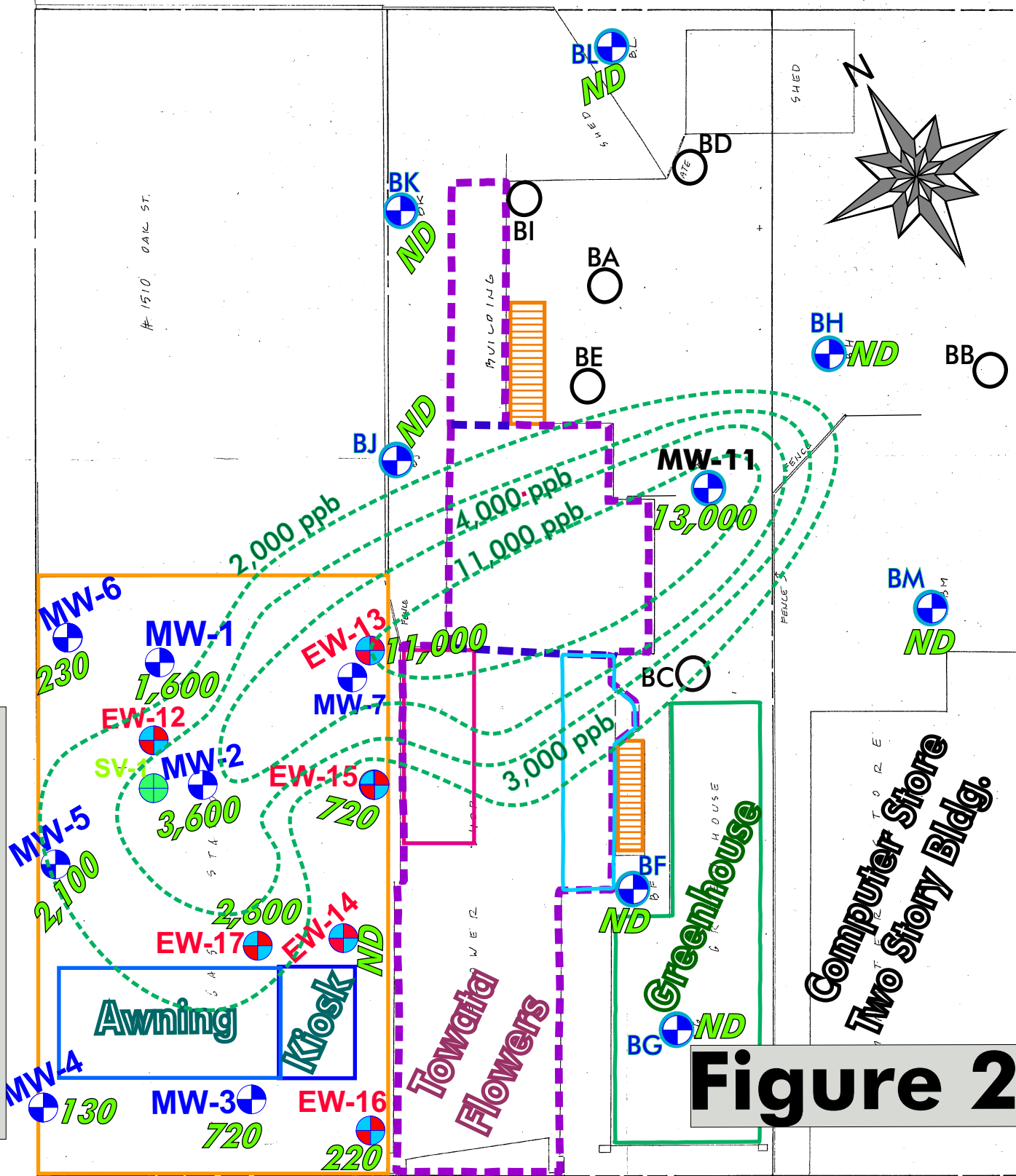
Approximate Scale in Feet  
Map Adapted from Certified Land Surveys



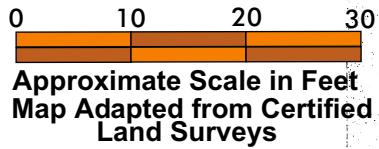
Lines of equal ground-water level elevation  
**Feb 28, 2010**  
CHUN - 2301 Santa Clara Ave., Alameda  
Located at the north east corner of the intersection of Oak Street and Santa Clara Avenue



**Lines of equal concentrations (ppb) of dissolved Gasoline Range Organics in groundwater**  
**Sampled on February 26, 27, & 28, 2010**  
**Located at the north east corner of the intersection of Oak Street and Santa Clara Avenue**



**Figure 2**



MW-9  
ND

MW-10  
ND

Lines of equal concentrations (ppb) of dissolved benzene in groundwater  
 Sampled on February 26, 27, & 28, 2010  
 Located at the north east corner of the intersection of Oak Street and Santa Clara Avenue

OAK STREET

# 1510 OAK ST.

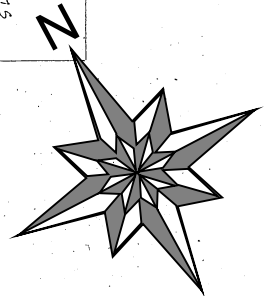
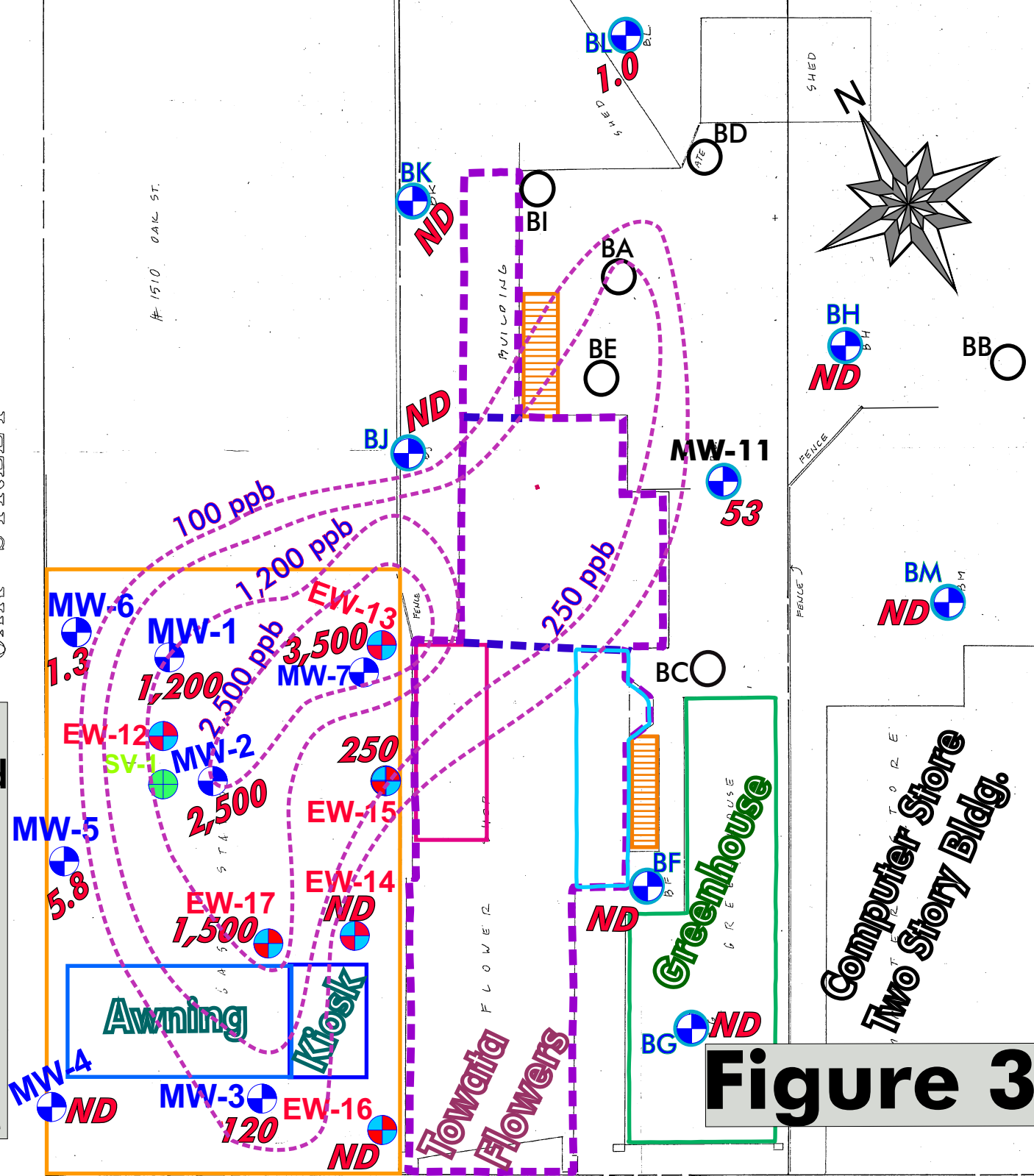
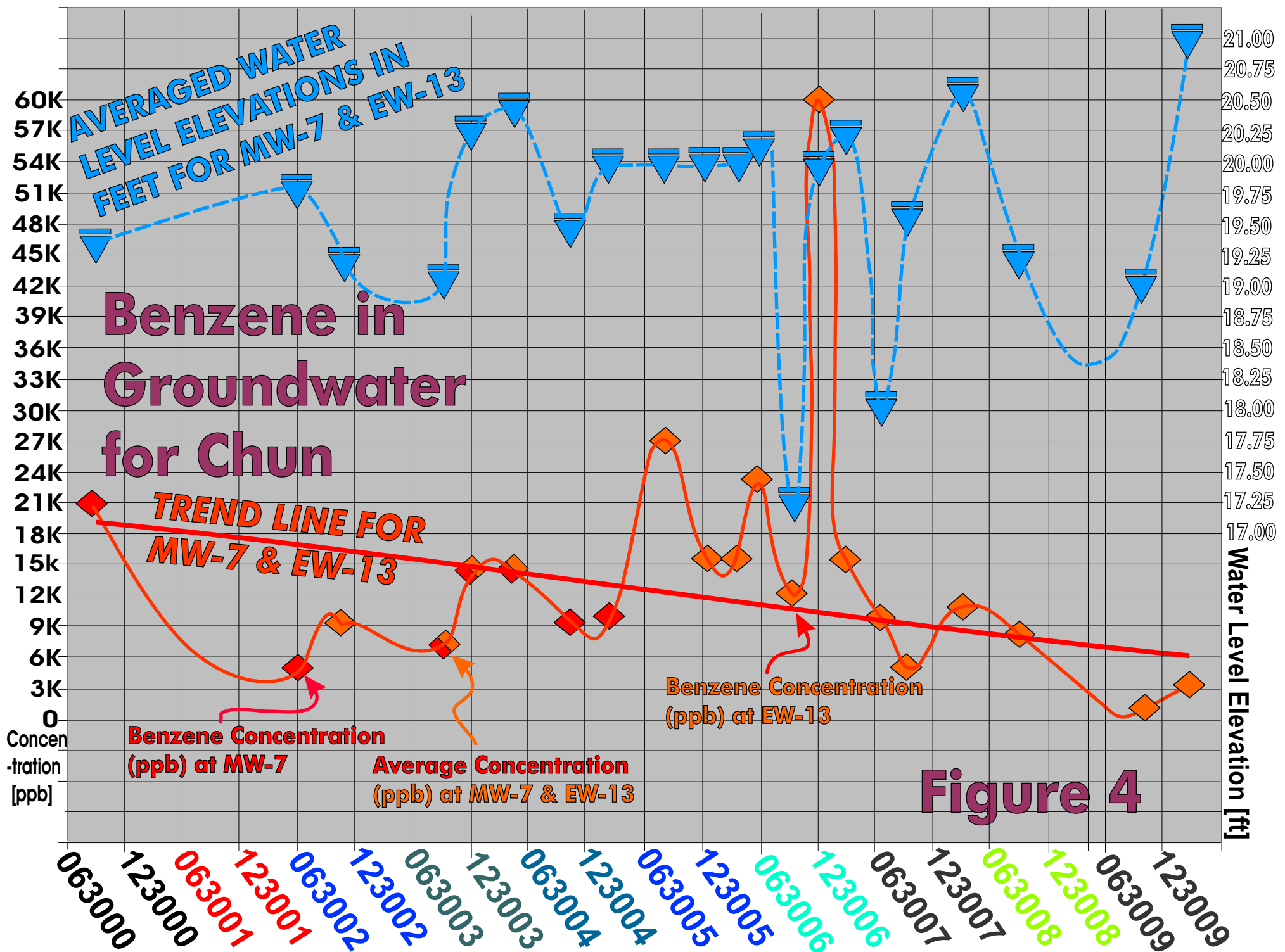
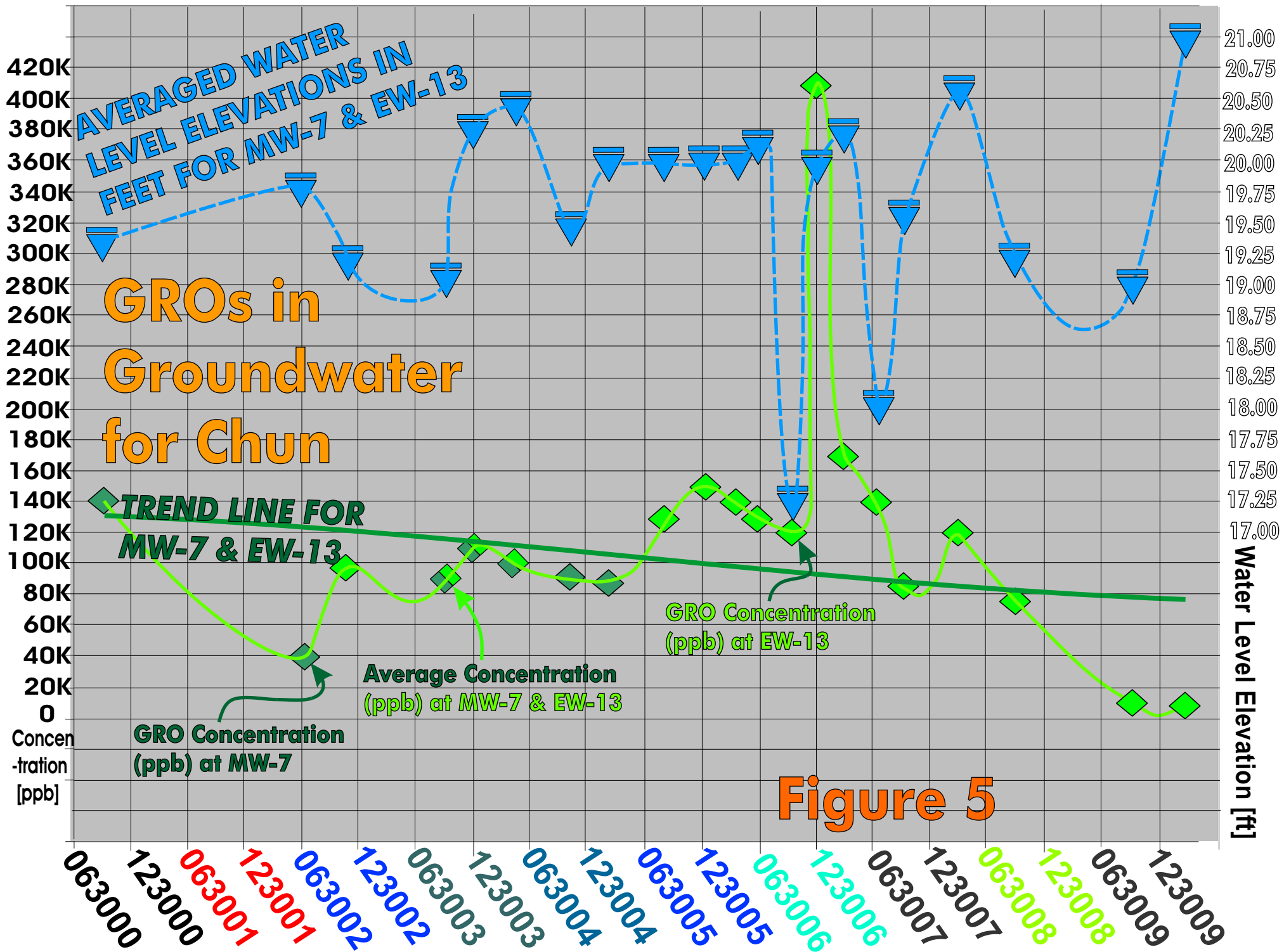


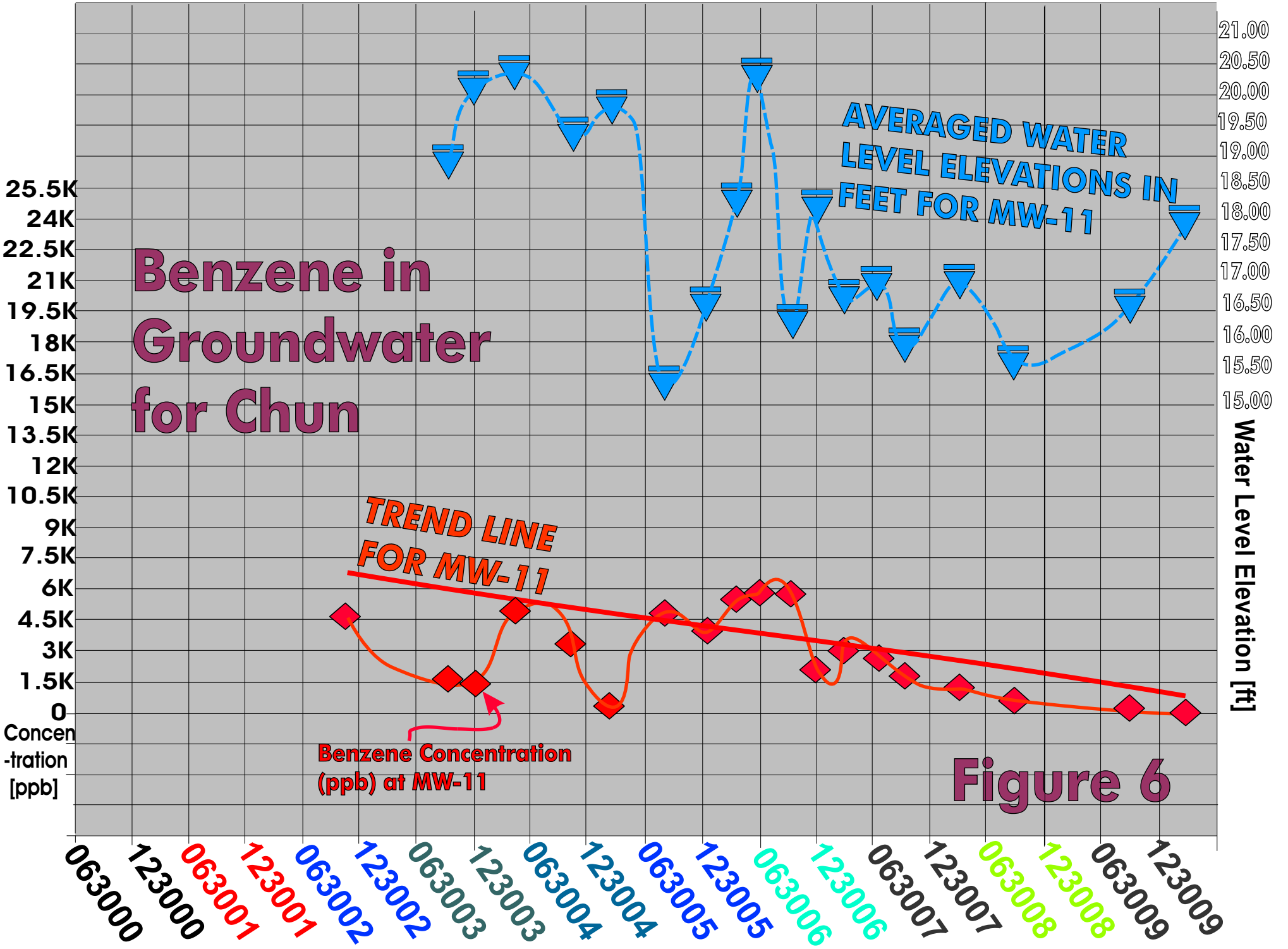
Figure 3



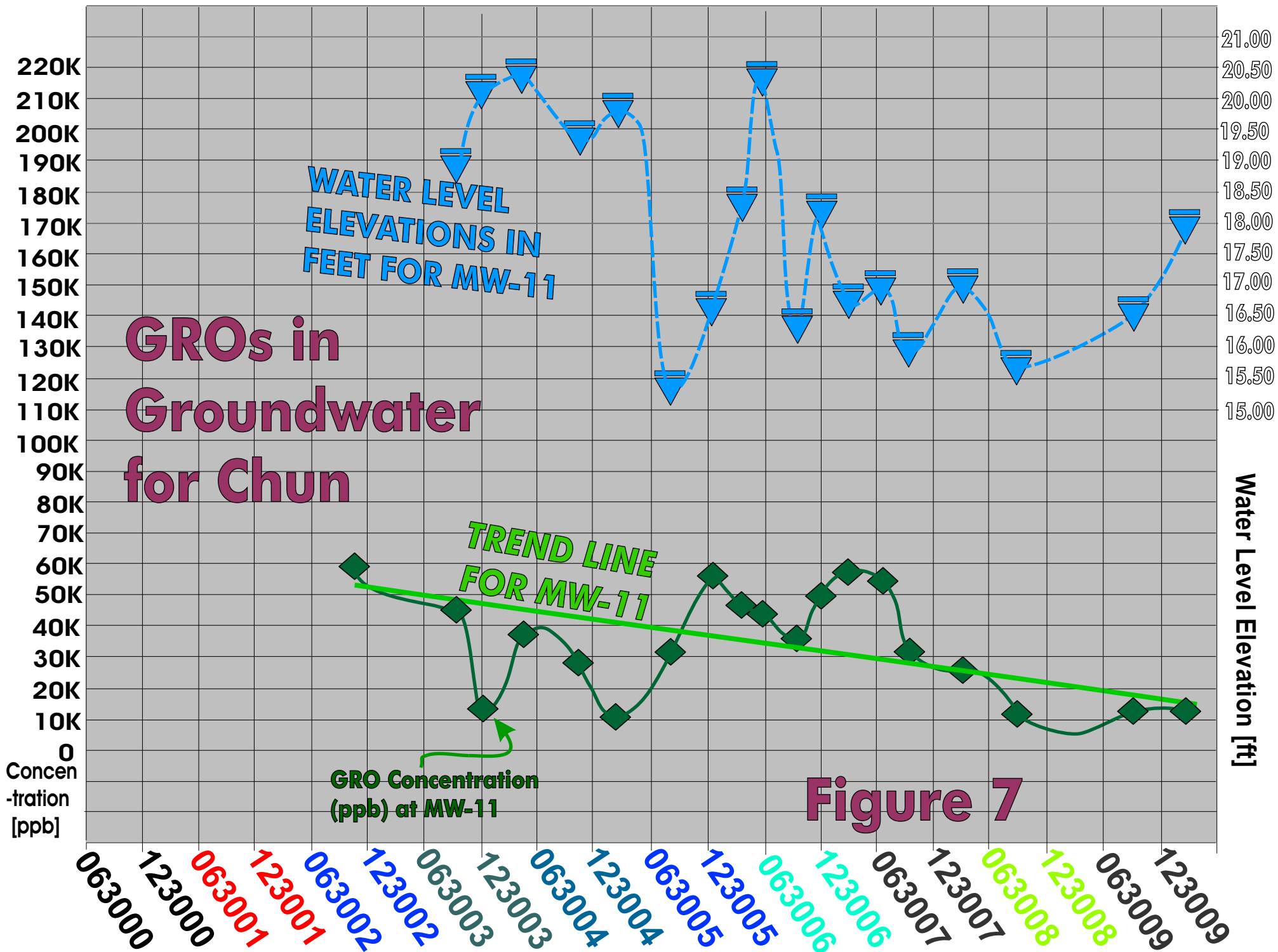
**Figure 4**







**Figure 6**



**TABLE 1**  
**Depth to Groundwater Measurements**  
**February 28, 2010**  
**Chun/Towata Properties - 2301 Santa Clara Avenue, Alameda**

| Well No | Depth to Groundwater from TOC (feet bgs) | TOC Elevation (feet) MSN | Water Table Elevation (feet) |
|---------|--|--------------------------|------------------------------|
| MW-1    | 6.94                                     | 28.49                    | 21.55                        |
| MW-2    | 6.99                                     | 28.47                    | 21.48                        |
| MW-3    | 7.39                                     | 28.78                    | 21.39                        |
| MW-4    | 6.65                                     | 28.53                    | 21.88                        |
| MW-5    | 6.50                                     | 28.33                    | 21.83                        |
| MW-6    | 6.70                                     | 28.36                    | 21.66                        |
| MW-7    |  | 28.44                    |                              |
| MW-8    | 6.98                                     | 28.17                    | 21.19                        |
| MW-9    | 5.94                                     | 27.45                    | 21.51                        |
| MW-10   | 4.51                                     | 27.32                    | 22.81                        |
| MW-11   | 7.24                                     | 25.17                    | 17.93                        |
|         |  |                          |                              |
| EW-12   |  | 28.25                    |                              |
| EW-13   | 7.59                                     | 28.64                    | 21.05                        |
| EW-14   | 9.01                                     | 29.21                    | 20.20                        |
| EW-15   | 7.56                                     | 28.71                    | 21.15                        |
| EW-16   | 8.25                                     | 29.02                    | 20.77                        |
| EW-17   | 7.58                                     | 28.95                    | 21.37                        |
|         |  |                          |                              |
| BL      | 8.05                                     | 25.37                    | 17.32                        |
| BK      | 6.32                                     | 25.02                    | 18.70                        |
| BJ      | 5.09                                     | 25.03                    | 19.94                        |
| BH      | 8.09                                     | 25.18                    | 17.09                        |

|           |             |              |              |
|-----------|-------------|--------------|--------------|
| <b>BM</b> | <b>8.00</b> | <b>25.17</b> | <b>17.17</b> |
| <b>BF</b> | <b>6.54</b> | <b>25.66</b> | <b>19.12</b> |
| <b>BG</b> | <b>6.93</b> | <b>25.85</b> | <b>18.92</b> |
|           |             |              |              |

**TABLE 2 - Chun**  
**Representative Analytical for Gasoline in Groundwater Trends (ppb)**

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
| <b>MW-1</b>                | (02-27-10)  | 4,100       | 1,600          |
|                            | (09-26-09)  | 4,100       | 1,600          |
|                            | (09-06-08)  | 8,300       | 2,300          |
|                            | (03-09-08)  | 45,000      | 9,400          |
|                            | (09-23-07)  | 22,000      | 4,700          |
|                            | (07-08-07)  | 57,000      | 11,000         |
|                            | (03-24-07)  | 71,000      | 15,000         |
|                            | (01-04-07)  | 46,000      | 6,500          |
|                            | (09-05-06)  | 62,000      | 17,000         |
|                            | (06-11-06)  | 65,000      | 21,000         |
|                            | (03-13-06)  | 72,000      | 17,000         |
|                            | (11-26-05)  | 6,400       | 2,600          |
|                            | (08-20-05)  | 35,000      | 14,000         |
|                            | (08-08-04)  | 29,000      | 9,700          |
| (04-24-04)                 | 33,000      | 8,000       |                |
| (12-25-03)                 | 12,000      | 3,400       |                |
| (09-20-03)                 | 19,000      | 4,900       |                |
| (07-04-02)                 | 43,000      | 7,200       |                |
| (09-17-00)                 | 65,000      | 15,000      |                |
| <b>MW-2</b>                | (02-27-10)  | 3,600       | 2,500          |
|                            | (09-25-09)  | 5,500       | 1,800          |
|                            | (09-06-08)  | 6,300       | 3,000          |
|                            | (03-09-08)  | 37,000      | 10,700         |
|                            | (09-23-07)  | 14,000      | 6,700          |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (07-08-07)  | 56,000      | 5,400          |
|                            | (03-24-07)  | 52,000      | 12,000         |
|                            | (01-04-07)  | 17,000      | 4,300          |
|                            | (09-05-06)  | 24,000      | 8,100          |
|                            | (06-11-06)  | 37,000      | 12,000         |
|                            | (03-13-06)  | 50,000      | 15,000         |
|                            | (11-26-05)  | 38,000      | 11,000         |
|                            | (08-20-05)  | 31,000      | 10,000         |
|                            | (08-08-04)  | 21,000      | 6,800          |
|                            | (04-24-04)  | 44,000      | 8,400          |
|                            | (12-25-03)  | 46,000      | 6,100          |
|                            | (09-21-03)  | 27,000      | 2,400          |
|                            | (07-04-02)  | 41,000      | 5,600          |
|                            | (09-17-00)  | 140,000     | 21,000         |
| <b>MW-3</b>                | (02-27-10)  | 720         | 120            |
|                            | (09-26-09)  | 2,200       | 240            |
|                            | (09-06-08)  | 2,600       | 500            |
|                            | (03-09-08)  | 7,300       | 1,300          |
|                            | (09-22-07)  | 1,300       | 5,600          |
|                            | (07-08-07)  | 5,600       | 1,500          |
|                            | (03-24-07)  | 8,000       | 1,600          |
|                            | (01-04-07)  | 5,500       | 1,400          |
|                            | (09-05-06)  | 6,000       | 1,500          |
|                            | (06-11-06)  | 7,000       | 2,000          |
|                            | (03-13-06)  | 6,400       | 2,100          |
|                            | (11-26-05)  | 6,100       | 1,200          |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (08-20-05)  | 5,500       | 3,000          |
|                            | (08-08-04)  | 2,500       | 400            |
|                            | (04-24-04)  | 3,100       | 1,000          |
|                            | (12-25-03)  | 3,300       | 290            |
|                            | (09-21-03)  | 2,700       | 320            |
|                            | (07-04-02)  | 10,000      | 2,300          |
|                            | (09-17-00)  | 9,300       | 3,000          |
| <b>MW-4</b>                | (02-27-10)  | 130         | <0.50          |
|                            | (09-26-09)  | <100        | <0.50          |
|                            | (09-05-08)  | 170         | <0.50          |
|                            | (03-08-08)  | 860         | <0.50          |
|                            | (09-23-07)  | <100        | <0.50          |
|                            | (07-08-07)  | <100        | <0.50          |
|                            | (03-24-07)  | 120         | <0.50          |
|                            | (01-04-07)  | <100        | <0.50          |
|                            | (09-05-06)  | 760         | <0.50          |
|                            | (06-12-06)  | 1,500       | 0.89           |
|                            | (03-13-06)  | 320         | <0.50          |
|                            | (11-26-05)  | <100        | <0.50          |
|                            | (08-20-05)  | 1,100       | 1.5            |
|                            | (08-08-04)  | ND          | ND             |
|                            | (04-24-04)  | 3,000       | 0.97           |
|                            | (12-25-03)  | ND          | ND             |
|                            | (09-20-03)  | ND          | ND             |
|                            | (07-04-02)  | ND          | ND             |
|                            | (09-17-00)  | ND          | ND             |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
| <b>MW-5</b>                | (02-27-10)  | 2,100       | 5.8            |
|                            | (09-25-09)  | 4,000       | 7.9            |
|                            | (09-05-08)  | 740         | <0.50          |
|                            | (03-08-08)  | 16,000      | 50             |
|                            | (09-24-07)  | 16,000      | 490            |
|                            | (07-08-07)  | 23,000      | 72             |
|                            | (03-24-07)  | 19,000      | 60             |
|                            | (01-04-07)  | 20,000      | 110            |
|                            | (09-05-06)  | 15,000      | 56             |
|                            | (06-12-06)  | 14,000      | 91             |
|                            | (03-13-06)  | 21,000      | 61             |
|                            | (11-26-05)  | 38,000      | 110            |
|                            | (08-20-05)  | 19,000      | 130            |
|                            | (08-08-04)  | 13,000      | 82             |
|                            | (04-24-04)  | 13,000      | 97             |
|                            | (12-25-03)  | 2,300       | 140            |
|                            | (09-21-03)  | 8,700       | ND             |
|                            | (07-04-02)  | 16,000      | 89             |
|                            | (09-17-00)  | 44,000      | 490            |
| <b>MW-6</b>                | (02-27-10)  | 230         | 1.3            |
|                            | (09-25-09)  | 170         | 0.66           |
|                            | (09-05-08)  | 730         | 2.0            |
|                            | (03-08-08)  | 1,500       | 3.4            |
|                            | (09-23-07)  | 1,200       | 2.8            |
|                            | (07-08-07)  | 720         | 2.8            |
|                            | (03-24-07)  | 3,300       | 7.2            |



| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (01-04-07)  | 390         | 2.0            |
|                            | (09-05-06)  | 1,100       | 4.4            |
|                            | (06-12-06)  | 910         | 3.3            |
|                            | (03-13-06)  | <100        | <0.50          |
|                            | (11-26-05)  | 480         | 1.4            |
|                            | (08-20-05)  | 810         | <0.5           |
|                            | (08-08-04)  | 320         | 2.7            |
|                            | (04-24-04)  | 110         | 3.6            |
|                            | (12-25-03)  | 1,200       | 18             |
|                            | (09-20-03)  | 500         | 15             |
|                            | (07-04-02)  | 3,900       | 29             |
|                            | (09-17-00)  | 10,000      | 110            |
| <b>MW-7</b>                | (09-05-06)  | 62,000      | 17,000         |
|                            | (06-12-06)  | NA          | NA             |
|                            | (03-13-06)  | NA          | NA             |
|                            | (08-20-05)  | NA          | NA             |
|                            | (08-08-04)  | 92,000      | 9,300          |
|                            | (04-24-04)  | 100,000     | 10,000         |
|                            | (12-25-03)  | 110,000     | 12,000         |
|                            | (09-21-03)  | 110,000     | 4,200          |
|                            | (07-04-02)  | 140,000     | 15,000         |
|                            | (09-17-00)  | 220,000     | 32,000         |
| <b>MW-8</b>                | (02-26-10)  | <100        | <0.5           |
|                            | (09-25-09)  | <100        | <0.5           |
|                            | (09-05-08)  | <100        | <0.5           |
|                            | (03-08-08)  | <100        | <0.5           |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (09-21-07)  | <100        | <0.5           |
|                            | (07-07-07)  | <100        | 2.0            |
|                            | (03-22-07)  | 500         | 6.0            |
|                            | (01-06-07)  | 390         | 4.4            |
|                            | (09-06-06)  | <100        | 1.4            |
|                            | (06-12-06)  | <100        | <0.5           |
|                            | (03-13-06)  | <100        | <0.5           |
|                            | (11-27-05)  | <100        | <0.5           |
|                            | (08-22-05)  | <100        | <0.5           |
|                            | (08-08-04)  | NA          | NA             |
|                            | (04-24-04)  | ND          | ND             |
|                            | (12-25-03)  | ND          | ND             |
|                            | (09-20-03)  | ND          | ND             |
|                            | (07-03-02)  | ND          | 1.1            |
|                            | (09-17-00)  | ND          | 1.4            |
| <b>MW-9</b>                | (02-26-10)  | <100        | <0.5           |
|                            | (09-25-09)  | <100        | <0.5           |
|                            | (09-05-08)  | <100        | <0.5           |
|                            | (09-05-08)  | <100        | <0.5           |
|                            | (09-21-07)  | <100        | <0.5           |
|                            | (07-07-07)  | <100        | <0.5           |
|                            | (03-22-07)  | <100        | <0.5           |
|                            | (01-06-07)  | <100        | <0.5           |
|                            | (09-07-06)  | <100        | <0.5           |
|                            | (06-13-06)  | <100        | <0.5           |
|                            | (03-13-06)  | <100        | <0.5           |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (11-27-05)  | <100        | <0.5           |
|                            | (08-22-05)  | <100        | <0.5           |
|                            | (04-24-04)  | ND          | ND             |
|                            | (12-25-03)  | ND          | ND             |
|                            | (09-20-03)  | ND          | ND             |
|                            | (07-03-02)  | ND          | ND             |
|                            | (09-17-00)  | ND          | ND             |
| <b>MW-10</b>               | (02-26-10)  | <100        | <0.5           |
|                            | (09-25-09)  | <100        | <0.5           |
|                            | (09-05-08)  | <100        | <0.5           |
|                            | (03-08-08)  | <100        | <0.5           |
|                            | (09-21-07)  | <100        | <0.5           |
|                            | (07-07-07)  | <100        | <0.5           |
|                            | (03-22-07)  | <100        | <0.5           |
|                            | (01-06-07)  | <100        | <0.5           |
|                            | (09-07-06)  | <100        | <0.5           |
|                            | (06-13-06)  | <100        | <0.5           |
|                            | (03-13-06)  | <100        | <0.5           |
|                            | (11-27-05)  | <100        | <0.5           |
|                            | (08-22-04)  | <100        | <0.5           |
|                            | (04-24-04)  | ND          | ND             |
|                            | (12-25-03)  | ND          | ND             |
|                            | (09-20-03)  | ND          | ND             |
|                            | (07-03-02)  | ND          | ND             |
|                            | (09-17-00)  | ND          | ND             |
| <b>MW-11</b>               | (02-27-10)  | 13,000      | 53             |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (09-25-09)  | 14,000      | 280            |
|                            | (09-05-08)  | 11,000      | 770            |
|                            | (03-08-08)  | 26,000      | 1,100          |
|                            | (09-22-07)  | 31,000      | 2,000          |
|                            | (07-07-07)  | 54,000      | 2,800          |
|                            | (03-22-07)  | 57,000      | 3,000          |
|                            | (01-05-07)  | 50,000      | 2,200          |
|                            | (09-06-06)  | 36,000      | 5,900          |
|                            | (06-12-06)  | 44,000      | 5,900          |
|                            | (03-13-06)  | 47,000      | 5,600          |
|                            | (11-26-05)  | 56,000      | 4,000          |
|                            | (08-20-05)  | 31,000      | 5,100          |
|                            | (08-08-04)  | 29,000      | 3,100          |
|                            | (04-24-04)  | 38,000      | 5,000          |
|                            | (12-25-03)  | 14,000      | 1,400          |
|                            | (09-22-03)  | 46,000      | 1,700          |
|                            | (10-24-02)  | 59,000      | 5,100          |
| <b>SV-1</b>                | (06-13-06)  | NA          | NA             |
|                            | (03-13-06)  | NA          | NA             |
|                            | (11-26-05)  | NA          | NA             |
|                            | (08-08-04)  | NA          | NA             |
|                            | (04-24-04)  | 9,600       | 740            |
|                            | (12-25-03)  | 83,000      | 2,200          |
|                            | (09-21-03)  | 89,000      | 2,300          |
|                            | (07-04-02)  | 210,000     | 7,900          |
|                            | (09-17-00)  | 560,000     | 10,000         |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
| <b>EW-12</b>               | (09-05-06)  | 62,000      | 17,000         |
|                            | (06-11-06)  | NA          | NA             |
|                            | (03-13-06)  | NA          | NA             |
|                            | (11-27-05)  | NA          | NA             |
|                            | (08-08-04)  | NA          | NA             |
|                            | (04-24-04)  | 12,000      | 920            |
|                            | (12-25-03)  | 9,900       | 790            |
|                            | (09-21-03)  | 19,000      | 590            |
|                            | (10-31-02)  | 5,840       | 75.7           |
| <b>EW-13</b>               | (02-27-10)  | 11,000      | 3,500          |
|                            | (09-25-09)  | 12,000      | 1,200          |
|                            | (09-06-08)  | 73,000      | 7,900          |
|                            | (03-09-08)  | 120,000     | 11,000         |
|                            | (09-24-07)  | 84,000      | 5,400          |
|                            | (07-09-07)  | 140,000     | 10,000         |
|                            | (03-25-07)  | 170,000     | 16,000         |
|                            | (01-05-07)  | 410,000     | 57,000         |
|                            | (09-05-06)  | 120,000     | 12,000         |
|                            | (06-11-06)  | 130,000     | 23,000         |
|                            | (03-13-06)  | 140,000     | 16,000         |
|                            | (11-27-05)  | 150,000     | 16,000         |
|                            | (08-20-05)  | 130,000     | 27,000         |
|                            | (08-08-04)  | NA          | NA             |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (04-24-04)  | 100,000     | 19,000         |
|                            | (12-25-03)  | 110,000     | 17,000         |
|                            | (09-21-03)  | 71,000      | 10,000         |
|                            | (10-31-02)  | 109,200     | 9,120          |
| <b>EW-14</b>               | (02-27-10)  | <100        | <0.5           |
|                            | (09-27-09)  | 1,700       | 520            |
|                            | (09-06-08)  | 12,000      | 4,000          |
|                            | (03-09-08)  | 1,200       | 340            |
|                            | (09-23-07)  | 41,000      | 9,900          |
|                            | (07-09-07)  | 54,000      | 14,000         |
|                            | (03-25-07)  | 25,000      | 5,400          |
|                            | (01-04-07)  | 30,000      | 7,000          |
|                            | (09-06-06)  | 20,000      | 4,700          |
|                            | (06-11-06)  | 2,300       | 1,100          |
|                            | (03-13-06)  | 1,300       | 360            |
|                            | (11-27-05)  | 53,000      | 10,000         |
|                            | (08-22-05)  | 26,000      | 7,100          |
|                            | (08-08-04)  | 14,000      | 6,300          |
|                            | (04-24-04)  | 9,400       | 4,100          |
|                            | (12-25-03)  | 26,000      | 5,300          |
|                            | (09-22-03)  | 68,000      | 4,100          |
| <b>EW-15</b>               | (02-27-10)  | 720         | 250            |
|                            | (09-26-09)  | 8,800       | 1,400          |
|                            | (09-06-08)  | 19,000      | 7,100          |
|                            | (03-09-08)  | 1,600       | 200            |
|                            | (09-23-07)  | 59,000      | 14,000         |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (07-09-07)  | 46,000      | 5,200          |
|                            | (03-25-07)  | 23,000      | 2,100          |
|                            | (01-05-07)  | 30,000      | 9,700          |
|                            | (09-05-06)  | 51,000      | 8,200          |
|                            | (06-11-06)  | 25,000      | 2,900          |
|                            | (03-13-06)  | 12,000      | 1,900          |
|                            | (11-27-05)  | 71,000      | 11,000         |
|                            | (08-22-05)  | 670,000     | 11,000         |
|                            | (08-08-04)  | 36,000      | 3,300          |
|                            | (01-21-04)  | 72,000      | 8,400          |
| <b>EW-16</b>               | (02-27-10)  | 220         | <0.50          |
|                            | (09-26-09)  | 390         | <0.50          |
|                            | (09-05-08)  | 310         | <0.50          |
|                            | (03-08-08)  | 820         | 100            |
|                            | (09-22-07)  | 2,200       | 4.2            |
|                            | (07-09-07)  | 2,300       | 53             |
|                            | (03-25-07)  | 1,800       | 420            |
|                            | (01-04-07)  | 370         | 2.9            |
|                            | (09-05-06)  | 2,100       | 210            |
|                            | (06-11-06)  | 1,400       | 680            |
|                            | (03-13-06)  | 900         | 400            |
|                            | (11-26-05)  | 1,600       | 160            |
|                            | (08-20-05)  | 1,600       | 410            |
|                            | (08-08-04)  | 2,500       | 590            |
|                            | (01-21-04)  | 1,500       | 290            |
| <b>EW-17</b>               | (02-27-10)  | 2,600       | 1,500          |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (09-27-09)  | 4,200       | 1,400          |
|                            | (09-06-08)  | 7,500       | 3,200          |
|                            | (03-09-08)  | 31,000      | 7,600          |
|                            | (09-23-07)  | 26,000      | 5,300          |
|                            | (07-09-07)  | 40,000      | 7,600          |
|                            | (03-25-07)  | 44,000      | 7,900          |
|                            | (01-04-07)  | 27,000      | 8,100          |
|                            | (09-06-06)  | 26,000      | 8,900          |
|                            | (06-11-06)  | 38,000      | 9,700          |
|                            | (03-13-06)  | 29,000      | 6,500          |
|                            | (11-27-05)  | 35,000      | 8,000          |
|                            | (08-22-05)  | 42,000      | 13,000         |
|                            | (08-08-04)  | 30,000      | 6,800          |
|                            | (01-21-04)  | 18,000      | 2,600          |
| <b>BM</b>                  | (02-27-10)  | <100        | <0.5           |
|                            | (09-25-09)  | <100        | <0.5           |
|                            | (09-04-08)  | <100        | <0.5           |
|                            | (03-07-08)  | <100        | <0.5           |
|                            | (07-07-07)  | <100        | <0.5           |
|                            | (03-22-07)  | <100        | <0.5           |
|                            | (01-06-07)  | <100        | <0.5           |
|                            | (09-06-06)  | <100        | <0.5           |
|                            | (06-12-06)  | <100        | <0.5           |
|                            | (03-13-06)  | <100        | <0.5           |
|                            | (11-26-05)  | <100        | <0.5           |
|                            | (08-20-05)  | <100        | <0.5           |



| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
| <b>BH</b>                  | (02-26-10)  | <100        | <0.50          |
|                            | (09-25-09)  | <100        | 1.1            |
|                            | (09-04-08)  | <100        | 1.1            |
|                            | (03-07-08)  | <100        | <0.50          |
|                            | (09-22-07)  | <100        | <0.50          |
|                            | (07-07-07)  | <100        | <0.50          |
|                            | (03-22-07)  | 130         | <0.50          |
|                            | (01-05-07)  | 140         | 12             |
|                            | (09-06-06)  | <100        | <0.50          |
|                            | (06-12-06)  | <100        | 0.93           |
|                            | (03-13-06)  | <100        | <0.50          |
|                            | (11-26-05)  | <100        | 0.76           |
|                            | (08-20-05)  | <100        | <0.5           |
| <b>BF</b>                  | (02-28-10)  | <100        | 32             |
|                            | (09-25-09)  | <100        | 32             |
|                            | (09-05-08)  | 690         | 280            |
|                            | (03-08-08)  | 500         | 250            |
|                            | (09-22-07)  | 7,300       | 2,600          |
|                            | (07-07-07)  | 6,900       | 3,700          |
|                            | (03-22-07)  | 5,600       | 1,400          |
|                            | (01-05-07)  | 13,000      | 5,200          |
|                            | (09-06-06)  | <10,000     | 6,500          |
|                            | (06-12-06)  | 14,000      | 11,000         |
|                            | (03-13-06)  | <10,000     | 5,300          |
|                            | (11-26-05)  | 13,000      | 8,300          |
|                            | (08-20-05)  | 3,800       | 89             |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
| <b>BL</b>                  | (02-27-10)  | <100        | 1.0            |
|                            | (09-25-09)  | <100        | <0.5           |
|                            | (09-04-08)  | <100        | <0.5           |
|                            | (09-22-07)  | <100        | 8.6            |
|                            | (07-07-07)  | <100        | <0.5           |
|                            | (03-22-07)  | <100        | <0.5           |
|                            | (01-05-07)  | <100        | <0.5           |
|                            | (09-07-06)  | <100        | <0.5           |
|                            | (06-12-06)  | <100        | 6.8            |
|                            | (03-13-06)  | 400         | 110            |
|                            | (11-27-05)  | <100        | <0.5           |
|                            | (08-22-05)  | <100        | 17             |
| <b>BG</b>                  | (02-28-10)  | <100        | <0.5           |
|                            | (09-25-09)  | <100        | <0.5           |
|                            | (03-08-08)  | <100        | <0.5           |
|                            | (09-22-07)  | <100        | <0.5           |
|                            | (07-07-07)  | <100        | <0.5           |
|                            | (03-22-07)  | 120         | <0.5           |
|                            | (01-05-07)  | <100        | <0.5           |
|                            | (09-07-06)  | <100        | 3.3            |
|                            | (06-12-06)  | 110         | 7.6            |
|                            | (03-13-06)  | <100        | <0.5           |
|                            | (11-27-05)  | 130         | 2.1            |
|                            | (08-22-05)  | 100         | 59             |
| <b>BK</b>                  | (02-28-10)  | <100        | <0.5           |
|                            | (09-25-09)  | <100        | 0.67           |

| <b>Well Identification</b> | <b>Date</b> | <b>GROs</b> | <b>Benzene</b> |
|----------------------------|-------------|-------------|----------------|
|                            | (09-05-08)  | <100        | 0.67           |
|                            | (03-07-08)  | <100        | <0.5           |
|                            | (09-22-07)  | 450         | 18             |
|                            | (07-07-07)  | <100        | <0.5           |
|                            | (03-22-07)  | <100        | <0.5           |
|                            | (01-06-07)  | <100        | <0.5           |
|                            | (09-07-06)  | 1,100       | 0.54           |
|                            | (06-11-06)  | 700         | <0.50          |
|                            | (03-13-06)  | 1,800       | <0.50          |
|                            | (11-27-05)  | 7,200       | 93             |
|                            | (08-22-05)  | 3,600       | 22             |
| <b>BJ</b>                  | (02-28-10)  | <100        | <0.5           |
|                            | (09-25-09)  | <100        | <0.5           |
|                            | (09-05-08)  | <100        | <0.5           |
|                            | (03-08-08)  | <100        | <0.5           |
|                            | (09-22-07)  | 150         | 4.0            |
|                            | (07-07-07)  | <100        | <0.5           |
|                            | (03-22-07)  | <100        | <0.5           |
|                            | (01-06-07)  | <100        | <0.5           |
|                            | (09-07-06)  | <100        | <0.5           |
|                            | (06-11-06)  | <100        | <0.5           |
|                            | (03-13-06)  | 790         | <0.5           |
|                            | (11-27-05)  | 6,800       | 90             |
|                            | (08-22-05)  | 1,500       | 14             |

# APPENDIX A

## Sampling Event Logs - Chun - February 26, 27 & 28, 2010

| MW-8 | DIW 6.98' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-26-10 |
|------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|      |           | 2.0            | 70.4                  | 988        | 7.0 | 2:40 pm |          |
|      |           | 2.0            | 70.6                  | 978        | 7.1 | 3:00    |          |
|      |           | 2.0            | 71.1                  | 966        | 7.1 | 3:20 pm |          |

| EW-14 | DIW 9.01' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME     |  |
|-------|-----------|----------------|-----------------------|------------|-----|----------|--|
|       |           | 4.5            | 70.0                  | 967        | 6.9 | 12:30 pm |  |
|       |           | 4.5            | 69.7                  | 969        | 7.0 | 12:45    |  |
|       |           | 4.5            | 69.6                  | 981        | 7.0 | 1:00 pm  |  |

| MW-9 | DIW 5.94' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-26-10 |
|------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|      |           | 2.0            | 70.2                  | 989        | 7.0 | 3:35 pm |          |
|      |           | 2.0            | 70.1                  | 981        | 7.0 | 3:50    |          |
|      |           | 2.0            | 70.0                  | 978        | 7.0 | 4:05 pm |          |

| EW-16 | DIW 8.25' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|-------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|       |           | 4.5            | 70.0                  | 977        | 7.0 | 1:25 pm |          |
|       |           | 4.0            | 69.9                  | 971        | 7.0 | 1:50    |          |
|       |           | 4.0            | 71.1                  | 956        | 7.0 | 2:10 pm |          |

| MW-10 | DIW 3.51' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-26-10 |
|-------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|       |           | 2.0            | 70.7                  | 977        | 7.0 | 4:10 pm |          |
|       |           | 2.0            | 70.5                  | 967        | 7.0 | 4:25    |          |
|       |           | 2.0            | 69.8                  | 959        | 7.0 | 4:40 pm |          |

| EW-15 | DIW 7.56' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|-------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|       |           | 5.0            | 70.8                  | 969        | 7.0 | 2:30 pm |          |
|       |           | 4.0            | 70.6                  | 976        | 7.0 | 2:50    |          |
|       |           | 4.0            | 70.3                  | 977        | 7.0 | 3:10 pm |          |

| BH | DIW 8.09' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-26-10 |
|----|-----------|----------------|-----------------------|------------|-----|---------|----------|
|    |           | 2.5            | 70.1                  | 936        | 7.0 | 5:00 pm |          |
|    |           | 2.5            | 69.6                  | 934        | 7.0 | 5:20    |          |
|    |           | 2.0            | 69.4                  | 931        | 7.0 | 5:35 pm |          |

| EW-13 | DIW 7.59' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|-------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|       |           | 4.5            | 70.9                  | 999        | 7.1 | 3:25 pm |          |
|       |           | 4.5            | 70.2                  | 993        | 7.1 | 3:40    |          |
|       |           | 4.0            | 70.1                  | 986        | 7.1 | 4:00 am |          |

| MW-4 | DIW 6.65' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|      |           | 2.0            | 70.0                  | 955        | 7.0 | 7:00 am |          |
|      |           | 2.0            | 70.0                  | 951        | 7.0 | 7:15    |          |
|      |           | 2.0            | 69.7                  | 945        | 7.0 | 7:30 am |          |

| BM | DIW 8.00' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|----|-----------|----------------|-----------------------|------------|-----|---------|----------|
|    |           | 3.0            | 67.8                  | 651        | 7.0 | 4:15 pm |          |
|    |           | 3.0            | 66.9                  | 646        | 7.0 | 4:25    |          |
|    |           | 2.0            | 65.9                  | 633        | 7.0 | 4:40 pm |          |

| MW-5 | DIW 6.50' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|      |           | 2.0            | 70.1                  | 955        | 7.1 | 7:40 am |          |
|      |           | 2.0            | 70.1                  | 951        | 7.1 | 7:55 am |          |
|      |           | 2.0            | 69.9                  | 950        | 7.1 | 8:10 am |          |

| MW-11 | DIW 7.24' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|-------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|       |           | 2.0            | 70.0                  | 935        | 7.0 | 4:50 pm |          |
|       |           | 2.0            | 69.8                  | 932        | 7.0 | 5:05    |          |
|       |           | 2.0            | 69.8                  | 928        | 7.0 | 5:20 pm |          |

| MW-6 | DIW 6.70' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|      |           | 1.5            | 71.2                  | 962        | 7.1 | 8:25 am |          |
|      |           | 1.5            | 71.4                  | 961        | 7.1 | 8:40    |          |
|      |           | 2.0            | 71.4                  | 961        | 7.1 | 8:55 am |          |

| BL | DIW 8.05' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|----|-----------|----------------|-----------------------|------------|-----|---------|----------|
|    |           | 2.5            | 71.0                  | 966        | 7.0 | 5:35 pm |          |
|    |           | 2.0            | 71.0                  | 963        | 7.0 | 5:45    |          |
|    |           | 2.0            | 71.0                  | 960        | 7.0 | 5:55 pm |          |

| MW-3 | DIW 7.39' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-27-10 |
|------|-----------|----------------|-----------------------|------------|-----|---------|----------|
|      |           | 2.0            | 71.0                  | 933        | 7.0 | 9:05 am |          |
|      |           | 2.0            | 71.1                  | 945        | 7.0 | 9:20    |          |
|      |           | 2.0            | 71.1                  | 956        | 7.0 | 9:35 am |          |

| BF | DIW 6.54' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-28-10 |
|----|-----------|----------------|-----------------------|------------|-----|---------|----------|
|    |           | 2.0            | 68.9                  | 881        | 7.0 | 7:05 am |          |
|    |           | 1.5            | 68.6                  | 871        | 7.0 | 7:20    |          |
|    |           | 1.5            | 68.1                  | 869        | 7.0 | 7:35 am |          |

| MW-2 | DIW 6.99' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME     | 02-27-10 |
|------|-----------|----------------|-----------------------|------------|-----|----------|----------|
|      |           | 2.0            | 70.0                  | 955        | 6.9 | 9:45 am  |          |
|      |           | 2.0            | 70.0                  | 946        | 7.0 | 10:00    |          |
|      |           | 2.0            | 70.1                  | 941        | 7.0 | 10:15 am |          |

| BG | DIW 6.93' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-28-10 |
|----|-----------|----------------|-----------------------|------------|-----|---------|----------|
|    |           | 2.0            | 69.9                  | 944        | 7.0 | 7:45 am |          |
|    |           | 2.0            | 69.9                  | 934        | 7.0 | 8:00    |          |
|    |           | 2.0            | 70.0                  | 937        | 7.0 | 8:15 am |          |

| MW-1 | DIW 6.94' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME     | 02-27-10 |
|------|-----------|----------------|-----------------------|------------|-----|----------|----------|
|      |           | 2.0            | 71.0                  | 961        | 7.1 | 10:25 am |          |
|      |           | 2.0            | 71.2                  | 960        | 7.1 | 10:35    |          |
|      |           | 2.0            | 71.6                  | 968        | 7.0 | 10:50 am |          |

| BK | DIW 6.32' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-28-10 |
|----|-----------|----------------|-----------------------|------------|-----|---------|----------|
|    |           | 2.0            | 70.1                  | 966        | 7.0 | 8:25 am |          |
|    |           | 2.0            | 70.1                  | 957        | 7.0 | 8:35    |          |
|    |           | 1.5            | 70.0                  | 949        | 7.0 | 8:45 pm |          |

| EW-17 | DIW 7.58' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME     | 02-27-10 |
|-------|-----------|----------------|-----------------------|------------|-----|----------|----------|
|       |           | 4.5            | 69.8                  | 977        | 7.0 | 11:55 am |          |
|       |           | 4.5            | 69.8                  | 972        | 7.0 | 11:30    |          |
|       |           | 4.5            | 69.9                  | 968        | 7.0 | 11:45 am |          |

| BJ | DIW 5.09' | Gallons purged | TEMP C/F (Circle One) | EC (us/cm) | PH  | TIME    | 02-28-10 |
|----|-----------|----------------|-----------------------|------------|-----|---------|----------|
|    |           | 1.5            | 69.9                  | 967        | 7.0 | 8:55 am |          |
|    |           | 1.5            | 70.1                  | 961        | 7.0 | 9:05    |          |
|    |           | 2.0            | 70.1                  | 959        | 7.0 | 9:15 am |          |

**Appendix B**  
**Laboratory Data Sheets**



9765 Eton Avenue  
Chatsworth  
California 91311  
Tel: (818) 998-5547  
Fax: (818) 998-7258

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March 15, 2010

Frank Goldman

Chun

265 Heron Drive

Pittsburg, CA 94565

**Re : Chun**

**A57226 / OC03001**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 03/03/10 09:57 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analyticals.

Sincerely,

A handwritten signature in black ink, appearing to be "V. Vasile", written in a cursive style.

Viorel Vasile

Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10

| Sample ID                    | Laboratory ID | Matrix | TAT | Date Sampled   | Date Received  |
|------------------------------|---------------|--------|-----|----------------|----------------|
| <b><u>8260B+OXY+TPHG</u></b> |               |        |     |                |                |
| MW-8                         | 0C03001-01    | Water  | 7   | 02/26/10 15:25 | 03/03/10 09:57 |
| MW-9                         | 0C03001-02    | Water  | 7   | 02/26/10 16:10 | 03/03/10 09:57 |
| MW-10                        | 0C03001-03    | Water  | 7   | 02/26/10 16:45 | 03/03/10 09:57 |
| BH                           | 0C03001-04    | Water  | 7   | 02/26/10 17:40 | 03/03/10 09:57 |
| MW-4                         | 0C03001-05    | Water  | 7   | 02/27/10 07:35 | 03/03/10 09:57 |
| MW-5                         | 0C03001-06    | Water  | 7   | 02/27/10 08:15 | 03/03/10 09:57 |
| MW-6                         | 0C03001-07    | Water  | 7   | 02/27/10 09:00 | 03/03/10 09:57 |
| MW-3                         | 0C03001-08    | Water  | 7   | 02/27/10 09:40 | 03/03/10 09:57 |
| MW-2                         | 0C03001-09    | Water  | 7   | 02/27/10 10:20 | 03/03/10 09:57 |
| MW-1                         | 0C03001-10    | Water  | 7   | 02/27/10 10:55 | 03/03/10 09:57 |
| EW-17                        | 0C03001-11    | Water  | 7   | 02/27/10 11:50 | 03/03/10 09:57 |
| EW-14                        | 0C03001-12    | Water  | 7   | 02/27/10 13:00 | 03/03/10 09:57 |
| EW-16                        | 0C03001-13    | Water  | 7   | 02/27/10 14:10 | 03/03/10 09:57 |
| EW-15                        | 0C03001-14    | Water  | 7   | 02/27/10 15:15 | 03/03/10 09:57 |
| EW-13                        | 0C03001-15    | Water  | 7   | 02/27/10 16:05 | 03/03/10 09:57 |
| BM                           | 0C03001-16    | Water  | 7   | 02/27/10 16:45 | 03/03/10 09:57 |
| MW-11                        | 0C03001-17    | Water  | 7   | 02/27/10 17:25 | 03/03/10 09:57 |
| BL                           | 0C03001-18    | Water  | 7   | 02/27/10 18:00 | 03/03/10 09:57 |
| BF                           | 0C03001-19    | Water  | 7   | 02/28/10 07:40 | 03/03/10 09:57 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10

| Sample ID | Laboratory ID | Matrix | TAT | Date Sampled   | Date Received  |
|-----------|---------------|--------|-----|----------------|----------------|
| BG        | 0C03001-20    | Water  | 7   | 02/28/10 08:20 | 03/03/10 09:57 |
| BK        | 0C03001-21    | Water  | 7   | 02/28/10 08:50 | 03/03/10 09:57 |
| BJ        | 0C03001-22    | Water  | 7   | 02/28/10 09:20 | 03/03/10 09:57 |

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |
|-------------------------|------------|------------|------------|------------|
| <b>Date Sampled:</b>    | 02/26/10   | 02/26/10   | 02/26/10   | 02/26/10   |
| <b>Date Prepared:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |
| <b>AA ID No:</b>        | 0C03001-01 | 0C03001-02 | 0C03001-03 | 0C03001-04 |
| <b>Client ID No:</b>    | MW-8       | MW-9       | MW-10      | BH         |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |
| <b>Dilution Factor:</b> | 1          | 1          | 1          | 1          |

MRL

**8260B+OXY+TPHG (EPA 8260B)**

|                               |       |       |       |       |      |
|-------------------------------|-------|-------|-------|-------|------|
| Acetone                       | <10   | <10   | <10   | <10   | 10   |
| tert-Amyl Methyl Ether (TAME) | <2.0  | <2.0  | <2.0  | <2.0  | 2.0  |
| Benzene                       | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Bromobenzene                  | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Bromochloromethane            | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Bromodichloromethane          | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Bromoform                     | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Bromomethane                  | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 2-Butanone (MEK)              | <10   | <10   | <10   | <10   | 10   |
| tert-Butyl alcohol (TBA)      | <10   | <10   | <10   | <10   | 10   |
| sec-Butylbenzene              | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| tert-Butylbenzene             | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| n-Butylbenzene                | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Carbon Disulfide              | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Carbon Tetrachloride          | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Chlorobenzene                 | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Chloroethane                  | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Chloroform                    | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Chloromethane                 | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 2-Chlorotoluene               | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 4-Chlorotoluene               | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2-Dibromo-3-chloropropane   | <1.0  | <1.0  | <1.0  | <1.0  | 1.0  |
| Dibromochloromethane          | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2-Dibromoethane (EDB)       | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Dibromomethane                | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,3-Dichlorobenzene           | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2-Dichlorobenzene           | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |
|-------------------------|------------|------------|------------|------------|
| <b>Date Sampled:</b>    | 02/26/10   | 02/26/10   | 02/26/10   | 02/26/10   |
| <b>Date Prepared:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |
| <b>AA ID No:</b>        | 0C03001-01 | 0C03001-02 | 0C03001-03 | 0C03001-04 |
| <b>Client ID No:</b>    | MW-8       | MW-9       | MW-10      | BH         |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |
| <b>Dilution Factor:</b> | 1          | 1          | 1          | 1          |

MRL

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|                                |       |       |       |            |      |
|--------------------------------|-------|-------|-------|------------|------|
| 1,4-Dichlorobenzene            | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| Dichlorodifluoromethane (R12)  | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| 1,1-Dichloroethane             | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| 1,2-Dichloroethane (EDC)       | <0.50 | <0.50 | <0.50 | <b>1.6</b> | 0.50 |
| 1,1-Dichloroethylene           | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| trans-1,2-Dichloroethylene     | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| cis-1,2-Dichloroethylene       | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| 1,2-Dichloropropane            | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| 2,2-Dichloropropane            | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| 1,3-Dichloropropane            | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| cis-1,3-Dichloropropylene      | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| trans-1,3-Dichloropropylene    | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| 1,1-Dichloropropylene          | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| Diisopropyl ether (DIPE)       | <2.0  | <2.0  | <2.0  | <2.0       | 2.0  |
| Ethylbenzene                   | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| Ethyl-tert-Butyl Ether (ETBE)  | <2.0  | <2.0  | <2.0  | <2.0       | 2.0  |
| Gasoline Range Organics (GRO)  | <100  | <100  | <100  | <100       | 100  |
| Hexachlorobutadiene            | <1.0  | <1.0  | <1.0  | <1.0       | 1.0  |
| 2-Hexanone (MBK)               | <10   | <10   | <10   | <10        | 10   |
| Isopropylbenzene               | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |
| 4-Isopropyltoluene             | <1.0  | <1.0  | <1.0  | <1.0       | 1.0  |
| Methyl-tert-Butyl Ether (MTBE) | <2.0  | <2.0  | <2.0  | <b>3.6</b> | 2.0  |
| Methylene Chloride             | <5.0  | <5.0  | <5.0  | <5.0       | 5.0  |
| 4-Methyl-2-pentanone (MIBK)    | <10   | <10   | <10   | <10        | 10   |
| Naphthalene                    | <2.0  | <2.0  | <2.0  | <2.0       | 2.0  |
| n-Propylbenzene                | <0.50 | <0.50 | <0.50 | <0.50      | 0.50 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |
|-------------------------|------------|------------|------------|------------|
| <b>Date Sampled:</b>    | 02/26/10   | 02/26/10   | 02/26/10   | 02/26/10   |
| <b>Date Prepared:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |
| <b>AA ID No:</b>        | 0C03001-01 | 0C03001-02 | 0C03001-03 | 0C03001-04 |
| <b>Client ID No:</b>    | MW-8       | MW-9       | MW-10      | BH         |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |
| <b>Dilution Factor:</b> | 1          | 1          | 1          | 1          |
|                         |            |            |            | MRL        |

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|  |       |       |       |       |      |
|--|-------|-------|-------|-------|------|
| Styrene                                      | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,1,2-Tetrachloroethane                    | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,2,2-Tetrachloroethane                    | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Tetrachloroethylene (PCE)                    | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Toluene                                      | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2,3-Trichlorobenzene                       | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2,4-Trichlorobenzene                       | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,1-Trichloroethane                        | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,2-Trichloroethane                        | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Trichloroethylene (TCE)                      | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Trichlorofluoromethane (R11)                 | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2,3-Trichloropropane                       | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (R113) | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,3,5-Trimethylbenzene                       | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2,4-Trimethylbenzene                       | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| Vinyl chloride                               | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| o-Xylene                                     | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 |
| m,p-Xylenes                                  | <1.0  | <1.0  | <1.0  | <1.0  | 1.0  |

| <b>Surrogates</b>    |       |       |       |       | <b>%REC Limits</b> |
|----------------------|-------|-------|-------|-------|--------------------|
| 4-Bromofluorobenzene | 98.8% | 98.4% | 97.7% | 98.4% | 70-140             |
| Dibromofluoromethane | 93.4% | 96.7% | 99.2% | 99.4% | 70-140             |
| Toluene-d8           | 101%  | 101%  | 98.1% | 98.8% | 70-140             |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |     |
|-------------------------|------------|------------|------------|------------|-----|
| <b>Date Sampled:</b>    | 02/27/10   | 02/27/10   | 02/27/10   | 02/27/10   |     |
| <b>Date Prepared:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |     |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |     |
| <b>AA ID No:</b>        | 0C03001-05 | 0C03001-06 | 0C03001-07 | 0C03001-08 |     |
| <b>Client ID No:</b>    | MW-4       | MW-5       | MW-6       | MW-3       |     |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |     |
| <b>Dilution Factor:</b> | 1          | 5          | 1          | 2          | MRL |

**8260B+OXY+TPHG (EPA 8260B)**

|                               |             |            |            |            |      |
|-------------------------------|-------------|------------|------------|------------|------|
| Acetone                       | <10         | <50        | <10        | <20        | 10   |
| tert-Amyl Methyl Ether (TAME) | <2.0        | <10        | <2.0       | <4.0       | 2.0  |
| Benzene                       | <0.50       | <b>5.8</b> | <b>1.3</b> | <b>120</b> | 0.50 |
| Bromobenzene                  | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Bromochloromethane            | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Bromodichloromethane          | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Bromoform                     | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Bromomethane                  | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| 2-Butanone (MEK)              | <10         | <50        | <10        | <20        | 10   |
| tert-Butyl alcohol (TBA)      | <10         | <50        | <10        | <20        | 10   |
| sec-Butylbenzene              | <b>0.83</b> | <b>5.7</b> | <b>1.0</b> | <b>1.3</b> | 0.50 |
| tert-Butylbenzene             | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| n-Butylbenzene                | <b>0.78</b> | <b>12</b>  | <b>1.8</b> | <b>1.2</b> | 0.50 |
| Carbon Disulfide              | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Carbon Tetrachloride          | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Chlorobenzene                 | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Chloroethane                  | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Chloroform                    | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Chloromethane                 | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| 2-Chlorotoluene               | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| 4-Chlorotoluene               | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| 1,2-Dibromo-3-chloropropane   | <1.0        | <5.0       | <1.0       | <2.0       | 1.0  |
| Dibromochloromethane          | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| 1,2-Dibromoethane (EDB)       | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| Dibromomethane                | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| 1,3-Dichlorobenzene           | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |
| 1,2-Dichlorobenzene           | <0.50       | <2.5       | <0.50      | <1.0       | 0.50 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |     |
|-------------------------|------------|------------|------------|------------|-----|
| <b>Date Sampled:</b>    | 02/27/10   | 02/27/10   | 02/27/10   | 02/27/10   |     |
| <b>Date Prepared:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |     |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |     |
| <b>AA ID No:</b>        | 0C03001-05 | 0C03001-06 | 0C03001-07 | 0C03001-08 |     |
| <b>Client ID No:</b>    | MW-4       | MW-5       | MW-6       | MW-3       |     |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |     |
| <b>Dilution Factor:</b> | 1          | 5          | 1          | 2          | MRL |

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|                                |            |             |            |            |      |
|--------------------------------|------------|-------------|------------|------------|------|
| 1,4-Dichlorobenzene            | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| Dichlorodifluoromethane (R12)  | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| 1,1-Dichloroethane             | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| 1,2-Dichloroethane (EDC)       | <0.50      | <2.5        | <0.50      | <b>1.6</b> | 0.50 |
| 1,1-Dichloroethylene           | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| trans-1,2-Dichloroethylene     | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| cis-1,2-Dichloroethylene       | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| 1,2-Dichloropropane            | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| 2,2-Dichloropropane            | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| 1,3-Dichloropropane            | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| cis-1,3-Dichloropropylene      | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| trans-1,3-Dichloropropylene    | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| 1,1-Dichloropropylene          | <0.50      | <2.5        | <0.50      | <1.0       | 0.50 |
| Diisopropyl ether (DIPE)       | <2.0       | <10         | <2.0       | <4.0       | 2.0  |
| Ethylbenzene                   | <b>3.6</b> | <b>86</b>   | <b>5.8</b> | <b>7.9</b> | 0.50 |
| Ethyl-tert-Butyl Ether (ETBE)  | <2.0       | <10         | <2.0       | <4.0       | 2.0  |
| Gasoline Range Organics (GRO)  | <b>130</b> | <b>2100</b> | <b>230</b> | <b>720</b> | 100  |
| Hexachlorobutadiene            | <1.0       | <5.0        | <1.0       | <2.0       | 1.0  |
| 2-Hexanone (MBK)               | <10        | <50         | <10        | <20        | 10   |
| Isopropylbenzene               | <b>4.1</b> | <b>23</b>   | <b>5.5</b> | <b>10</b>  | 0.50 |
| 4-Isopropyltoluene             | <1.0       | <5.0        | <1.0       | <2.0       | 1.0  |
| Methyl-tert-Butyl Ether (MTBE) | <2.0       | <10         | <2.0       | <4.0       | 2.0  |
| Methylene Chloride             | <5.0       | <25         | <5.0       | <10        | 5.0  |
| 4-Methyl-2-pentanone (MIBK)    | <10        | <50         | <10        | <20        | 10   |
| Naphthalene                    | <2.0       | <b>92</b>   | <b>23</b>  | <b>38</b>  | 2.0  |
| n-Propylbenzene                | <b>7.2</b> | <b>52</b>   | <b>11</b>  | <b>8.0</b> | 0.50 |

**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |     |
|-------------------------|------------|------------|------------|------------|-----|
| <b>Date Sampled:</b>    | 02/27/10   | 02/27/10   | 02/27/10   | 02/27/10   |     |
| <b>Date Prepared:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |     |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/11/10   |     |
| <b>AA ID No:</b>        | 0C03001-05 | 0C03001-06 | 0C03001-07 | 0C03001-08 |     |
| <b>Client ID No:</b>    | MW-4       | MW-5       | MW-6       | MW-3       |     |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |     |
| <b>Dilution Factor:</b> | 1          | 5          | 1          | 2          | MRL |

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|  |             |            |             |            |      |
|--|-------------|------------|-------------|------------|------|
| Styrene                                      | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| 1,1,1,2-Tetrachloroethane                    | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| 1,1,2,2-Tetrachloroethane                    | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| Tetrachloroethylene (PCE)                    | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| Toluene                                      | <b>0.59</b> | <b>34</b>  | <b>0.96</b> | <b>5.4</b> | 0.50 |
| 1,2,3-Trichlorobenzene                       | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| 1,2,4-Trichlorobenzene                       | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| 1,1,1-Trichloroethane                        | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| 1,1,2-Trichloroethane                        | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| Trichloroethylene (TCE)                      | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| Trichlorofluoromethane (R11)                 | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| 1,2,3-Trichloropropane                       | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (R113) | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| 1,3,5-Trimethylbenzene                       | <b>1.8</b>  | <b>26</b>  | <b>1.9</b>  | <b>1.3</b> | 0.50 |
| 1,2,4-Trimethylbenzene                       | <b>3.2</b>  | <b>130</b> | <b>6.7</b>  | <b>2.1</b> | 0.50 |
| Vinyl chloride                               | <0.50       | <2.5       | <0.50       | <1.0       | 0.50 |
| o-Xylene                                     | <b>0.85</b> | <b>82</b>  | <b>2.9</b>  | <b>6.2</b> | 0.50 |
| m,p-Xylenes                                  | <b>26</b>   | <b>290</b> | <b>15</b>   | <b>38</b>  | 1.0  |

| <u>Surrogates</u>    |       |       |       |       | <u>%REC Limits</u> |
|----------------------|-------|-------|-------|-------|--------------------|
| 4-Bromofluorobenzene | 99.7% | 97.8% | 98.3% | 101%  | 70-140             |
| Dibromofluoromethane | 94.9% | 98.9% | 98.3% | 96.7% | 70-140             |
| Toluene-d8           | 103%  | 100%  | 99.0% | 101%  | 70-140             |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

| Date Sampled:    | 02/27/10   | 02/27/10   | 02/27/10   | 02/27/10   |     |
|------------------|------------|------------|------------|------------|-----|
| Date Prepared:   | 03/11/10   | 03/11/10   | 03/11/10   | 03/12/10   |     |
| Date Analyzed:   | 03/11/10   | 03/11/10   | 03/11/10   | 03/12/10   |     |
| AA ID No:        | 0C03001-09 | 0C03001-10 | 0C03001-11 | 0C03001-12 |     |
| Client ID No:    | MW-2       | MW-1       | EW-17      | EW-14      |     |
| Matrix:          | Water      | Water      | Water      | Water      |     |
| Dilution Factor: | 10         | 10         | 10         | 1          | MRL |

**8260B+OXY+TPHG (EPA 8260B)**

|                               |             |             |             |       |      |
|-------------------------------|-------------|-------------|-------------|-------|------|
| Acetone                       | <100        | <100        | <100        | <10   | 10   |
| tert-Amyl Methyl Ether (TAME) | <20         | <20         | <20         | <2.0  | 2.0  |
| Benzene                       | <b>2500</b> | <b>1200</b> | <b>1500</b> | <0.50 | 0.50 |
| Bromobenzene                  | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Bromochloromethane            | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Bromodichloromethane          | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Bromoform                     | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Bromomethane                  | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| 2-Butanone (MEK)              | <100        | <100        | <100        | <10   | 10   |
| tert-Butyl alcohol (TBA)      | <100        | <100        | <100        | <10   | 10   |
| sec-Butylbenzene              | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| tert-Butylbenzene             | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| n-Butylbenzene                | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Carbon Disulfide              | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Carbon Tetrachloride          | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Chlorobenzene                 | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Chloroethane                  | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Chloroform                    | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Chloromethane                 | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| 2-Chlorotoluene               | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| 4-Chlorotoluene               | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| 1,2-Dibromo-3-chloropropane   | <10         | <10         | <10         | <1.0  | 1.0  |
| Dibromochloromethane          | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| 1,2-Dibromoethane (EDB)       | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| Dibromomethane                | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| 1,3-Dichlorobenzene           | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |
| 1,2-Dichlorobenzene           | <5.0        | <5.0        | <5.0        | <0.50 | 0.50 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

| Date Sampled:    | 02/27/10   | 02/27/10   | 02/27/10   | 02/27/10   |     |
|------------------|------------|------------|------------|------------|-----|
| Date Prepared:   | 03/11/10   | 03/11/10   | 03/11/10   | 03/12/10   |     |
| Date Analyzed:   | 03/11/10   | 03/11/10   | 03/11/10   | 03/12/10   |     |
| AA ID No:        | 0C03001-09 | 0C03001-10 | 0C03001-11 | 0C03001-12 |     |
| Client ID No:    | MW-2       | MW-1       | EW-17      | EW-14      |     |
| Matrix:          | Water      | Water      | Water      | Water      |     |
| Dilution Factor: | 10         | 10         | 10         | 1          | MRL |

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|                                |             |             |             |            |      |
|--------------------------------|-------------|-------------|-------------|------------|------|
| 1,4-Dichlorobenzene            | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| Dichlorodifluoromethane (R12)  | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| 1,1-Dichloroethane             | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| 1,2-Dichloroethane (EDC)       | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| 1,1-Dichloroethylene           | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| trans-1,2-Dichloroethylene     | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| cis-1,2-Dichloroethylene       | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| 1,2-Dichloropropane            | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| 2,2-Dichloropropane            | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| 1,3-Dichloropropane            | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| cis-1,3-Dichloropropylene      | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| trans-1,3-Dichloropropylene    | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| 1,1-Dichloropropylene          | <5.0        | <5.0        | <5.0        | <0.50      | 0.50 |
| Diisopropyl ether (DIPE)       | <20         | <20         | <20         | <2.0       | 2.0  |
| Ethylbenzene                   | <b>42</b>   | <b>9.2</b>  | <b>56</b>   | <b>2.2</b> | 0.50 |
| Ethyl-tert-Butyl Ether (ETBE)  | <20         | <20         | <20         | <2.0       | 2.0  |
| Gasoline Range Organics (GRO)  | <b>3600</b> | <b>1600</b> | <b>2600</b> | <100       | 100  |
| Hexachlorobutadiene            | <10         | <10         | <10         | <1.0       | 1.0  |
| 2-Hexanone (MBK)               | <100        | <100        | <100        | <10        | 10   |
| Isopropylbenzene               | <b>7.9</b>  | <5.0        | <b>6.8</b>  | <0.50      | 0.50 |
| 4-Isopropyltoluene             | <10         | <10         | <10         | <1.0       | 1.0  |
| Methyl-tert-Butyl Ether (MTBE) | <20         | <20         | <20         | <2.0       | 2.0  |
| Methylene Chloride             | <50         | <50         | <50         | <5.0       | 5.0  |
| 4-Methyl-2-pentanone (MIBK)    | <100        | <100        | <100        | <10        | 10   |
| Naphthalene                    | <20         | <20         | <b>50</b>   | <2.0       | 2.0  |
| n-Propylbenzene                | <b>15</b>   | <5.0        | <b>6.2</b>  | <0.50      | 0.50 |

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |     |
|-------------------------|------------|------------|------------|------------|-----|
| <b>Date Sampled:</b>    | 02/27/10   | 02/27/10   | 02/27/10   | 02/27/10   |     |
| <b>Date Prepared:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/12/10   |     |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/11/10   | 03/11/10   | 03/12/10   |     |
| <b>AA ID No:</b>        | 0C03001-09 | 0C03001-10 | 0C03001-11 | 0C03001-12 |     |
| <b>Client ID No:</b>    | MW-2       | MW-1       | EW-17      | EW-14      |     |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |     |
| <b>Dilution Factor:</b> | 10         | 10         | 10         | 1          | MRL |

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|  |            |            |            |             |      |
|--|------------|------------|------------|-------------|------|
| Styrene                                      | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| 1,1,1,2-Tetrachloroethane                    | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| 1,1,2,2-Tetrachloroethane                    | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| Tetrachloroethylene (PCE)                    | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| Toluene                                      | <b>430</b> | <b>110</b> | <b>400</b> | <0.50       | 0.50 |
| 1,2,3-Trichlorobenzene                       | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| 1,2,4-Trichlorobenzene                       | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| 1,1,1-Trichloroethane                        | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| 1,1,2-Trichloroethane                        | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| Trichloroethylene (TCE)                      | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| Trichlorofluoromethane (R11)                 | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| 1,2,3-Trichloropropane                       | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (R113) | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| 1,3,5-Trimethylbenzene                       | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| 1,2,4-Trimethylbenzene                       | <5.0       | <5.0       | <5.0       | <b>0.88</b> | 0.50 |
| Vinyl chloride                               | <5.0       | <5.0       | <5.0       | <0.50       | 0.50 |
| o-Xylene                                     | <b>6.4</b> | <5.0       | <b>64</b>  | <b>2.6</b>  | 0.50 |
| m,p-Xylenes                                  | <10        | <10        | <b>130</b> | <b>5.7</b>  | 1.0  |

| <b>Surrogates</b>    |       |       |       |       | <b>%REC Limits</b> |
|----------------------|-------|-------|-------|-------|--------------------|
| 4-Bromofluorobenzene | 99.6% | 100%  | 100%  | 104%  | 70-140             |
| Dibromofluoromethane | 94.9% | 94.1% | 93.7% | 98.6% | 70-140             |
| Toluene-d8           | 103%  | 102%  | 103%  | 108%  | 70-140             |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |
|-------------------------|------------|------------|------------|------------|
| <b>Date Sampled:</b>    | 02/27/10   | 02/27/10   | 02/27/10   | 02/27/10   |
| <b>Date Prepared:</b>   | 03/11/10   | 03/12/10   | 03/11/10   | 03/11/10   |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/12/10   | 03/12/10   | 03/12/10   |
| <b>AA ID No:</b>        | 0C03001-13 | 0C03001-14 | 0C03001-15 | 0C03001-16 |
| <b>Client ID No:</b>    | EW-16      | EW-15      | EW-13      | BM         |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |
| <b>Dilution Factor:</b> | 1          | 1          | 20         | 1          |

MRL

**8260B+OXY+TPHG (EPA 8260B)**

|                               |       |            |             |       |      |
|-------------------------------|-------|------------|-------------|-------|------|
| Acetone                       | <10   | <10        | <200        | <10   | 10   |
| tert-Amyl Methyl Ether (TAME) | <2.0  | <2.0       | <40         | <2.0  | 2.0  |
| Benzene                       | <0.50 | <b>250</b> | <b>3500</b> | <0.50 | 0.50 |
| Bromobenzene                  | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Bromochloromethane            | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Bromodichloromethane          | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Bromoform                     | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Bromomethane                  | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 2-Butanone (MEK)              | <10   | <10        | <200        | <10   | 10   |
| tert-Butyl alcohol (TBA)      | <10   | <10        | <200        | <10   | 10   |
| sec-Butylbenzene              | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| tert-Butylbenzene             | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| n-Butylbenzene                | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Carbon Disulfide              | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Carbon Tetrachloride          | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Chlorobenzene                 | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Chloroethane                  | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Chloroform                    | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Chloromethane                 | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 2-Chlorotoluene               | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 4-Chlorotoluene               | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,2-Dibromo-3-chloropropane   | <1.0  | <1.0       | <20         | <1.0  | 1.0  |
| Dibromochloromethane          | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,2-Dibromoethane (EDB)       | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Dibromomethane                | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,3-Dichlorobenzene           | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,2-Dichlorobenzene           | <0.50 | <0.50      | <10         | <0.50 | 0.50 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |
|-------------------------|------------|------------|------------|------------|
| <b>Date Sampled:</b>    | 02/27/10   | 02/27/10   | 02/27/10   | 02/27/10   |
| <b>Date Prepared:</b>   | 03/11/10   | 03/12/10   | 03/11/10   | 03/11/10   |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/12/10   | 03/12/10   | 03/12/10   |
| <b>AA ID No:</b>        | 0C03001-13 | 0C03001-14 | 0C03001-15 | 0C03001-16 |
| <b>Client ID No:</b>    | EW-16      | EW-15      | EW-13      | BM         |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |
| <b>Dilution Factor:</b> | 1          | 1          | 20         | 1          |

MRL

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|                                |            |            |              |       |      |
|--------------------------------|------------|------------|--------------|-------|------|
| 1,4-Dichlorobenzene            | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| Dichlorodifluoromethane (R12)  | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| 1,1-Dichloroethane             | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| 1,2-Dichloroethane (EDC)       | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| 1,1-Dichloroethylene           | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| trans-1,2-Dichloroethylene     | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| cis-1,2-Dichloroethylene       | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| 1,2-Dichloropropane            | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| 2,2-Dichloropropane            | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| 1,3-Dichloropropane            | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| cis-1,3-Dichloropropylene      | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| trans-1,3-Dichloropropylene    | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| 1,1-Dichloropropylene          | <0.50      | <0.50      | <10          | <0.50 | 0.50 |
| Diisopropyl ether (DIPE)       | <2.0       | <2.0       | <40          | <2.0  | 2.0  |
| Ethylbenzene                   | <0.50      | <b>50</b>  | <b>380</b>   | <0.50 | 0.50 |
| Ethyl-tert-Butyl Ether (ETBE)  | <2.0       | <2.0       | <40          | <2.0  | 2.0  |
| Gasoline Range Organics (GRO)  | <b>220</b> | <b>720</b> | <b>11000</b> | <100  | 100  |
| Hexachlorobutadiene            | <1.0       | <1.0       | <20          | <1.0  | 1.0  |
| 2-Hexanone (MBK)               | <10        | <10        | <200         | <10   | 10   |
| Isopropylbenzene               | <0.50      | <b>2.4</b> | <b>13</b>    | <0.50 | 0.50 |
| 4-Isopropyltoluene             | <1.0       | <1.0       | <20          | <1.0  | 1.0  |
| Methyl-tert-Butyl Ether (MTBE) | <2.0       | <2.0       | <40          | <2.0  | 2.0  |
| Methylene Chloride             | <5.0       | <5.0       | <100         | <5.0  | 5.0  |
| 4-Methyl-2-pentanone (MIBK)    | <10        | <10        | <200         | <10   | 10   |
| Naphthalene                    | <2.0       | <b>6.3</b> | <b>57</b>    | <2.0  | 2.0  |
| n-Propylbenzene                | <0.50      | <b>5.1</b> | <b>24</b>    | <0.50 | 0.50 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |     |
|-------------------------|------------|------------|------------|------------|-----|
| <b>Date Sampled:</b>    | 02/27/10   | 02/27/10   | 02/27/10   | 02/27/10   |     |
| <b>Date Prepared:</b>   | 03/11/10   | 03/12/10   | 03/11/10   | 03/11/10   |     |
| <b>Date Analyzed:</b>   | 03/11/10   | 03/12/10   | 03/12/10   | 03/12/10   |     |
| <b>AA ID No:</b>        | 0C03001-13 | 0C03001-14 | 0C03001-15 | 0C03001-16 |     |
| <b>Client ID No:</b>    | EW-16      | EW-15      | EW-13      | BM         |     |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |     |
| <b>Dilution Factor:</b> | 1          | 1          | 20         | 1          | MRL |

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|  |       |            |             |       |      |
|--|-------|------------|-------------|-------|------|
| Styrene                                      | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,1,1,2-Tetrachloroethane                    | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,1,2,2-Tetrachloroethane                    | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Tetrachloroethylene (PCE)                    | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Toluene                                      | <0.50 | <b>57</b>  | <b>4300</b> | <0.50 | 0.50 |
| 1,2,3-Trichlorobenzene                       | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,2,4-Trichlorobenzene                       | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,1,1-Trichloroethane                        | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,1,2-Trichloroethane                        | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Trichloroethylene (TCE)                      | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| Trichlorofluoromethane (R11)                 | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,2,3-Trichloropropane                       | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (R113) | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| 1,3,5-Trimethylbenzene                       | <0.50 | <b>1.6</b> | <10         | <0.50 | 0.50 |
| 1,2,4-Trimethylbenzene                       | <0.50 | <b>1.5</b> | <10         | <0.50 | 0.50 |
| Vinyl chloride                               | <0.50 | <0.50      | <10         | <0.50 | 0.50 |
| o-Xylene                                     | <0.50 | <b>29</b>  | <b>300</b>  | <0.50 | 0.50 |
| m,p-Xylenes                                  | <1.0  | <b>84</b>  | <b>430</b>  | <1.0  | 1.0  |

**Surrogates**

|                      |       |      |       |       | <b>%REC Limits</b> |
|----------------------|-------|------|-------|-------|--------------------|
| 4-Bromofluorobenzene | 98.1% | 105% | 99.0% | 96.6% | 70-140             |
| Dibromofluoromethane | 93.2% | 103% | 93.8% | 93.9% | 70-140             |
| Toluene-d8           | 103%  | 107% | 95.6% | 99.8% | 70-140             |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

| Date Sampled:    | 02/27/10   | 02/27/10   | 02/28/10   | 02/28/10   |     |
|------------------|------------|------------|------------|------------|-----|
| Date Prepared:   | 03/11/10   | 03/12/10   | 03/12/10   | 03/12/10   |     |
| Date Analyzed:   | 03/12/10   | 03/12/10   | 03/12/10   | 03/12/10   |     |
| AA ID No:        | OC03001-17 | OC03001-18 | OC03001-19 | OC03001-20 |     |
| Client ID No:    | MW-11      | BL         | BF         | BG         |     |
| Matrix:          | Water      | Water      | Water      | Water      |     |
| Dilution Factor: | 20         | 1          | 1          | 1          | MRL |

**8260B+OXY+TPHG (EPA 8260B)**

|                               |           |            |       |       |      |
|-------------------------------|-----------|------------|-------|-------|------|
| Acetone                       | <200      | <10        | <10   | <10   | 10   |
| tert-Amyl Methyl Ether (TAME) | <40       | <2.0       | <2.0  | <2.0  | 2.0  |
| Benzene                       | <b>53</b> | <b>1.0</b> | <0.50 | <0.50 | 0.50 |
| Bromobenzene                  | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Bromochloromethane            | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Bromodichloromethane          | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Bromoform                     | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Bromomethane                  | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| 2-Butanone (MEK)              | <200      | <10        | <10   | <10   | 10   |
| tert-Butyl alcohol (TBA)      | <200      | <10        | <10   | <10   | 10   |
| sec-Butylbenzene              | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| tert-Butylbenzene             | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| n-Butylbenzene                | <b>14</b> | <0.50      | <0.50 | <0.50 | 0.50 |
| Carbon Disulfide              | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Carbon Tetrachloride          | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Chlorobenzene                 | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Chloroethane                  | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Chloroform                    | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Chloromethane                 | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| 2-Chlorotoluene               | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| 4-Chlorotoluene               | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| 1,2-Dibromo-3-chloropropane   | <20       | <1.0       | <1.0  | <1.0  | 1.0  |
| Dibromochloromethane          | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| 1,2-Dibromoethane (EDB)       | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| Dibromomethane                | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| 1,3-Dichlorobenzene           | <10       | <0.50      | <0.50 | <0.50 | 0.50 |
| 1,2-Dichlorobenzene           | <10       | <0.50      | <0.50 | <0.50 | 0.50 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |
|-------------------------|------------|------------|------------|------------|
| <b>Date Sampled:</b>    | 02/27/10   | 02/27/10   | 02/28/10   | 02/28/10   |
| <b>Date Prepared:</b>   | 03/11/10   | 03/12/10   | 03/12/10   | 03/12/10   |
| <b>Date Analyzed:</b>   | 03/12/10   | 03/12/10   | 03/12/10   | 03/12/10   |
| <b>AA ID No:</b>        | OC03001-17 | OC03001-18 | OC03001-19 | OC03001-20 |
| <b>Client ID No:</b>    | MW-11      | BL         | BF         | BG         |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |
| <b>Dilution Factor:</b> | 20         | 1          | 1          | 1          |

MRL

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|                                |              |       |       |       |      |
|--------------------------------|--------------|-------|-------|-------|------|
| 1,4-Dichlorobenzene            | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| Dichlorodifluoromethane (R12)  | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1-Dichloroethane             | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2-Dichloroethane (EDC)       | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1-Dichloroethylene           | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| trans-1,2-Dichloroethylene     | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| cis-1,2-Dichloroethylene       | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2-Dichloropropane            | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| 2,2-Dichloropropane            | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,3-Dichloropropane            | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| cis-1,3-Dichloropropylene      | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| trans-1,3-Dichloropropylene    | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1-Dichloropropylene          | <10          | <0.50 | <0.50 | <0.50 | 0.50 |
| Diisopropyl ether (DIPE)       | <40          | <2.0  | <2.0  | <2.0  | 2.0  |
| Ethylbenzene                   | <b>700</b>   | <0.50 | <0.50 | <0.50 | 0.50 |
| Ethyl-tert-Butyl Ether (ETBE)  | <40          | <2.0  | <2.0  | <2.0  | 2.0  |
| Gasoline Range Organics (GRO)  | <b>13000</b> | <100  | <100  | <100  | 100  |
| Hexachlorobutadiene            | <20          | <1.0  | <1.0  | <1.0  | 1.0  |
| 2-Hexanone (MBK)               | <200         | <10   | <10   | <10   | 10   |
| Isopropylbenzene               | <b>38</b>    | <0.50 | <0.50 | <0.50 | 0.50 |
| 4-Isopropyltoluene             | <20          | <1.0  | <1.0  | <1.0  | 1.0  |
| Methyl-tert-Butyl Ether (MTBE) | <40          | <2.0  | <2.0  | <2.0  | 2.0  |
| Methylene Chloride             | <100         | <5.0  | <5.0  | <5.0  | 5.0  |
| 4-Methyl-2-pentanone (MIBK)    | <200         | <10   | <10   | <10   | 10   |
| Naphthalene                    | <b>180</b>   | <2.0  | <2.0  | <2.0  | 2.0  |
| n-Propylbenzene                | <b>70</b>    | <0.50 | <0.50 | <0.50 | 0.50 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |            |            |     |
|-------------------------|------------|------------|------------|------------|-----|
| <b>Date Sampled:</b>    | 02/27/10   | 02/27/10   | 02/28/10   | 02/28/10   |     |
| <b>Date Prepared:</b>   | 03/11/10   | 03/12/10   | 03/12/10   | 03/12/10   |     |
| <b>Date Analyzed:</b>   | 03/12/10   | 03/12/10   | 03/12/10   | 03/12/10   |     |
| <b>AA ID No:</b>        | 0C03001-17 | 0C03001-18 | 0C03001-19 | 0C03001-20 |     |
| <b>Client ID No:</b>    | MW-11      | BL         | BF         | BG         |     |
| <b>Matrix:</b>          | Water      | Water      | Water      | Water      |     |
| <b>Dilution Factor:</b> | 20         | 1          | 1          | 1          | MRL |

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|  |             |       |       |       |      |
|--|-------------|-------|-------|-------|------|
| Styrene                                      | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,1,2-Tetrachloroethane                    | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,2,2-Tetrachloroethane                    | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| Tetrachloroethylene (PCE)                    | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| Toluene                                      | <b>860</b>  | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2,3-Trichlorobenzene                       | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2,4-Trichlorobenzene                       | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,1-Trichloroethane                        | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,2-Trichloroethane                        | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| Trichloroethylene (TCE)                      | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| Trichlorofluoromethane (R11)                 | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2,3-Trichloropropane                       | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (R113) | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,3,5-Trimethylbenzene                       | <b>150</b>  | <0.50 | <0.50 | <0.50 | 0.50 |
| 1,2,4-Trimethylbenzene                       | <b>670</b>  | <0.50 | <0.50 | <0.50 | 0.50 |
| Vinyl chloride                               | <10         | <0.50 | <0.50 | <0.50 | 0.50 |
| o-Xylene                                     | <b>1300</b> | <0.50 | <0.50 | <0.50 | 0.50 |
| m,p-Xylenes                                  | <b>3600</b> | <1.0  | <1.0  | <1.0  | 1.0  |

| <b>Surrogates</b>    |      |      |      |      | <b>%REC Limits</b> |
|----------------------|------|------|------|------|--------------------|
| 4-Bromofluorobenzene | 104% | 106% | 104% | 107% | 70-140             |
| Dibromofluoromethane | 100% | 103% | 106% | 102% | 70-140             |
| Toluene-d8           | 105% | 107% | 107% | 106% | 70-140             |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

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|                         |            |            |     |
|-------------------------|------------|------------|-----|
| <b>Date Sampled:</b>    | 02/28/10   | 02/28/10   |     |
| <b>Date Prepared:</b>   | 03/12/10   | 03/12/10   |     |
| <b>Date Analyzed:</b>   | 03/12/10   | 03/12/10   |     |
| <b>AA ID No:</b>        | 0C03001-21 | 0C03001-22 |     |
| <b>Client ID No:</b>    | BK         | BJ         |     |
| <b>Matrix:</b>          | Water      | Water      |     |
| <b>Dilution Factor:</b> | 1          | 1          | MRL |

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**8260B+OXY+TPHG (EPA 8260B)**

|                               |       |       |      |
|-------------------------------|-------|-------|------|
| Acetone                       | <10   | <10   | 10   |
| tert-Amyl Methyl Ether (TAME) | <2.0  | <2.0  | 2.0  |
| Benzene                       | <0.50 | <0.50 | 0.50 |
| Bromobenzene                  | <0.50 | <0.50 | 0.50 |
| Bromochloromethane            | <0.50 | <0.50 | 0.50 |
| Bromodichloromethane          | <0.50 | <0.50 | 0.50 |
| Bromoform                     | <0.50 | <0.50 | 0.50 |
| Bromomethane                  | <0.50 | <0.50 | 0.50 |
| 2-Butanone (MEK)              | <10   | <10   | 10   |
| tert-Butyl alcohol (TBA)      | <10   | <10   | 10   |
| sec-Butylbenzene              | <0.50 | <0.50 | 0.50 |
| tert-Butylbenzene             | <0.50 | <0.50 | 0.50 |
| n-Butylbenzene                | <0.50 | <0.50 | 0.50 |
| Carbon Disulfide              | <0.50 | <0.50 | 0.50 |
| Carbon Tetrachloride          | <0.50 | <0.50 | 0.50 |
| Chlorobenzene                 | <0.50 | <0.50 | 0.50 |
| Chloroethane                  | <0.50 | <0.50 | 0.50 |
| Chloroform                    | <0.50 | <0.50 | 0.50 |
| Chloromethane                 | <0.50 | <0.50 | 0.50 |
| 2-Chlorotoluene               | <0.50 | <0.50 | 0.50 |
| 4-Chlorotoluene               | <0.50 | <0.50 | 0.50 |
| 1,2-Dibromo-3-chloropropane   | <1.0  | <1.0  | 1.0  |
| Dibromochloromethane          | <0.50 | <0.50 | 0.50 |
| 1,2-Dibromoethane (EDB)       | <0.50 | <0.50 | 0.50 |
| Dibromomethane                | <0.50 | <0.50 | 0.50 |
| 1,3-Dichlorobenzene           | <0.50 | <0.50 | 0.50 |
| 1,2-Dichlorobenzene           | <0.50 | <0.50 | 0.50 |

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**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

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|                         |            |            |     |
|-------------------------|------------|------------|-----|
| <b>Date Sampled:</b>    | 02/28/10   | 02/28/10   |     |
| <b>Date Prepared:</b>   | 03/12/10   | 03/12/10   |     |
| <b>Date Analyzed:</b>   | 03/12/10   | 03/12/10   |     |
| <b>AA ID No:</b>        | 0C03001-21 | 0C03001-22 |     |
| <b>Client ID No:</b>    | BK         | BJ         |     |
| <b>Matrix:</b>          | Water      | Water      |     |
| <b>Dilution Factor:</b> | 1          | 1          | MRL |

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**8260B+OXY+TPHG (EPA 8260B) (continued)**

|                                |             |             |      |
|--------------------------------|-------------|-------------|------|
| 1,4-Dichlorobenzene            | <0.50       | <0.50       | 0.50 |
| Dichlorodifluoromethane (R12)  | <0.50       | <0.50       | 0.50 |
| 1,1-Dichloroethane             | <0.50       | <0.50       | 0.50 |
| 1,2-Dichloroethane (EDC)       | <0.50       | <0.50       | 0.50 |
| 1,1-Dichloroethylene           | <0.50       | <0.50       | 0.50 |
| trans-1,2-Dichloroethylene     | <0.50       | <0.50       | 0.50 |
| cis-1,2-Dichloroethylene       | <0.50       | <0.50       | 0.50 |
| 1,2-Dichloropropane            | <0.50       | <0.50       | 0.50 |
| 2,2-Dichloropropane            | <0.50       | <0.50       | 0.50 |
| 1,3-Dichloropropane            | <0.50       | <0.50       | 0.50 |
| cis-1,3-Dichloropropylene      | <0.50       | <0.50       | 0.50 |
| trans-1,3-Dichloropropylene    | <0.50       | <0.50       | 0.50 |
| 1,1-Dichloropropylene          | <0.50       | <0.50       | 0.50 |
| Diisopropyl ether (DIPE)       | <2.0        | <2.0        | 2.0  |
| Ethylbenzene                   | <0.50       | <b>1.1</b>  | 0.50 |
| Ethyl-tert-Butyl Ether (ETBE)  | <2.0        | <2.0        | 2.0  |
| Gasoline Range Organics (GRO)  | <100        | <100        | 100  |
| Hexachlorobutadiene            | <1.0        | <1.0        | 1.0  |
| 2-Hexanone (MBK)               | <10         | <10         | 10   |
| Isopropylbenzene               | <0.50       | <b>0.99</b> | 0.50 |
| 4-Isopropyltoluene             | <1.0        | <1.0        | 1.0  |
| Methyl-tert-Butyl Ether (MTBE) | <2.0        | <2.0        | 2.0  |
| Methylene Chloride             | <5.0        | <5.0        | 5.0  |
| 4-Methyl-2-pentanone (MIBK)    | <10         | <10         | 10   |
| Naphthalene                    | <2.0        | <b>3.3</b>  | 2.0  |
| n-Propylbenzene                | <b>0.90</b> | <b>2.0</b>  | 0.50 |

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**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun  
**Method:** VOCs, OXY & TPH Gasoline by GC/MS

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10  
**Units:** ug/L

|                         |            |            |     |
|-------------------------|------------|------------|-----|
| <b>Date Sampled:</b>    | 02/28/10   | 02/28/10   |     |
| <b>Date Prepared:</b>   | 03/12/10   | 03/12/10   |     |
| <b>Date Analyzed:</b>   | 03/12/10   | 03/12/10   |     |
| <b>AA ID No:</b>        | 0C03001-21 | 0C03001-22 |     |
| <b>Client ID No:</b>    | BK         | BJ         |     |
| <b>Matrix:</b>          | Water      | Water      |     |
| <b>Dilution Factor:</b> | 1          | 1          | MRL |

**8260B+OXY+TPHG (EPA 8260B) (continued)**

|  |            |             |      |
|--|------------|-------------|------|
| Styrene                                      | <0.50      | <0.50       | 0.50 |
| 1,1,1,2-Tetrachloroethane                    | <0.50      | <0.50       | 0.50 |
| 1,1,1,2,2-Tetrachloroethane                  | <0.50      | <0.50       | 0.50 |
| Tetrachloroethylene (PCE)                    | <0.50      | <0.50       | 0.50 |
| Toluene                                      | <0.50      | <0.50       | 0.50 |
| 1,2,3-Trichlorobenzene                       | <0.50      | <0.50       | 0.50 |
| 1,2,4-Trichlorobenzene                       | <0.50      | <0.50       | 0.50 |
| 1,1,1-Trichloroethane                        | <0.50      | <0.50       | 0.50 |
| 1,1,2-Trichloroethane                        | <0.50      | <0.50       | 0.50 |
| Trichloroethylene (TCE)                      | <0.50      | <0.50       | 0.50 |
| Trichlorofluoromethane (R11)                 | <0.50      | <0.50       | 0.50 |
| 1,2,3-Trichloropropane                       | <0.50      | <0.50       | 0.50 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (R113) | <0.50      | <0.50       | 0.50 |
| 1,3,5-Trimethylbenzene                       | <0.50      | <0.50       | 0.50 |
| 1,2,4-Trimethylbenzene                       | <0.50      | <b>0.90</b> | 0.50 |
| Vinyl chloride                               | <0.50      | <0.50       | 0.50 |
| o-Xylene                                     | <0.50      | <b>0.58</b> | 0.50 |
| m,p-Xylenes                                  | <b>1.2</b> | <b>2.8</b>  | 1.0  |

| <b>Surrogates</b>    |      |      | <b>%REC Limits</b> |
|----------------------|------|------|--------------------|
| 4-Bromofluorobenzene | 105% | 104% | 70-140             |
| Dibromofluoromethane | 104% | 106% | 70-140             |
| Toluene-d8           | 106% | 107% | 70-140             |

**Viorel Vasile**  
Operations Manager



## LABORATORY ANALYSIS RESULTS

Client: Chun  
 Project No: NA  
 Project Name: Chun

AA Project No: A57226  
 Date Received: 03/03/10  
 Date Reported: 03/15/10

| Analyte | Reporting<br>Result | Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|---------------------|-------|-------|----------------|------------------|----------------|----------------|-----|--------------|-------|
|---------|---------------------|-------|-------|----------------|------------------|----------------|----------------|-----|--------------|-------|

### VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B0C1104 - EPA 5030B

#### Blank (B0C1104-BLK1)

Prepared & Analyzed: 03/11/10

|                               |       |      |      |  |  |  |  |  |  |
|-------------------------------|-------|------|------|--|--|--|--|--|--|
| Acetone                       | <10   | 10   | ug/L |  |  |  |  |  |  |
| tert-Amyl Methyl Ether (TAME) | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |
| Benzene                       | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Bromobenzene                  | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Bromochloromethane            | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Bromodichloromethane          | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Bromoform                     | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Bromomethane                  | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 2-Butanone (MEK)              | <10   | 10   | ug/L |  |  |  |  |  |  |
| tert-Butyl alcohol (TBA)      | <10   | 10   | ug/L |  |  |  |  |  |  |
| sec-Butylbenzene              | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| tert-Butylbenzene             | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| n-Butylbenzene                | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Carbon Disulfide              | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Carbon Tetrachloride          | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Chlorobenzene                 | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Chloroethane                  | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Chloroform                    | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Chloromethane                 | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 2-Chlorotoluene               | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 4-Chlorotoluene               | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 1,2-Dibromo-3-chloropropane   | <1.0  | 1.0  | ug/L |  |  |  |  |  |  |
| Dibromochloromethane          | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 1,2-Dibromoethane (EDB)       | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Dibromomethane                | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 1,3-Dichlorobenzene           | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 1,2-Dichlorobenzene           | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 1,4-Dichlorobenzene           | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| Dichlorodifluoromethane (R12) | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 1,1-Dichloroethane            | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |
| 1,2-Dichloroethane (EDC)      | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |

**Viorel Vasile**  
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10

| Analyte | Reporting Result | Reporting Limit | Units | Spike Level | Source Result | %REC %REC | Limit | RPD RPD | Limit | Notes |
|---------|------------------|-----------------|-------|-------------|---------------|-----------|-------|---------|-------|-------|
|---------|------------------|-----------------|-------|-------------|---------------|-----------|-------|---------|-------|-------|

**VOCs, OXY & TPH Gasoline by GC/MS - Quality Control***Batch B0C1104 - EPA 5030B***Blank (B0C1104-BLK1) Continued**

Prepared &amp; Analyzed: 03/11/10

|                                |       |      |      |  |  |  |  |  |  |  |
|--------------------------------|-------|------|------|--|--|--|--|--|--|--|
| 1,1-Dichloroethylene           | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| trans-1,2-Dichloroethylene     | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| cis-1,2-Dichloroethylene       | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,2-Dichloropropane            | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 2,2-Dichloropropane            | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,3-Dichloropropane            | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropylene      | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| trans-1,3-Dichloropropylene    | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1-Dichloropropylene          | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Diisopropyl ether (DIPE)       | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |  |
| Ethylbenzene                   | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Ethyl-tert-Butyl Ether (ETBE)  | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |  |
| Gasoline Range Organics (GRO)  | <100  | 100  | ug/L |  |  |  |  |  |  |  |
| Hexachlorobutadiene            | <1.0  | 1.0  | ug/L |  |  |  |  |  |  |  |
| 2-Hexanone (MBK)               | <10   | 10   | ug/L |  |  |  |  |  |  |  |
| Isopropylbenzene               | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 4-Isopropyltoluene             | <1.0  | 1.0  | ug/L |  |  |  |  |  |  |  |
| Methyl-tert-Butyl Ether (MTBE) | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |  |
| Methylene Chloride             | <5.0  | 5.0  | ug/L |  |  |  |  |  |  |  |
| 4-Methyl-2-pentanone (MIBK)    | <10   | 10   | ug/L |  |  |  |  |  |  |  |
| Naphthalene                    | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |  |
| n-Propylbenzene                | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Styrene                        | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1,1,2-Tetrachloroethane      | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane      | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Tetrachloroethylene (PCE)      | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Toluene                        | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene         | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene         | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane          | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane          | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: Chun  
Project No: NA  
Project Name: Chun

AA Project No: A57226  
Date Received: 03/03/10  
Date Reported: 03/15/10

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC %REC | Limit | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|-----------|-------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|-----------|-------|-----|-----------|-------|

**VOCs, OXY & TPH Gasoline by GC/MS - Quality Control**

Batch B0C1104 - EPA 5030B

**Blank (B0C1104-BLK1) Continued**

Prepared & Analyzed: 03/11/10

|  |       |      |      |
|--|-------|------|------|
| Trichloroethylene (TCE)                      | <0.50 | 0.50 | ug/L |
| Trichlorofluoromethane (R11)                 | <0.50 | 0.50 | ug/L |
| 1,2,3-Trichloropropane                       | <0.50 | 0.50 | ug/L |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (R113) | <0.50 | 0.50 | ug/L |
| 1,3,5-Trimethylbenzene                       | <0.50 | 0.50 | ug/L |
| 1,2,4-Trimethylbenzene                       | <0.50 | 0.50 | ug/L |
| Vinyl chloride                               | <0.50 | 0.50 | ug/L |
| o-Xylene                                     | <0.50 | 0.50 | ug/L |
| m,p-Xylenes                                  | <1.0  | 1.0  | ug/L |

|                                 |      |  |      |    |      |        |
|---------------------------------|------|--|------|----|------|--------|
| Surrogate: 4-Bromofluorobenzene | 49.9 |  | ug/L | 50 | 99.9 | 70-140 |
| Surrogate: Dibromofluoromethane | 46.3 |  | ug/L | 50 | 92.6 | 70-140 |
| Surrogate: Toluene-d8           | 49.8 |  | ug/L | 50 | 99.7 | 70-140 |

**LCS (B0C1104-BS1)**

Prepared & Analyzed: 03/11/10

|                            |      |      |      |    |      |        |
|----------------------------|------|------|------|----|------|--------|
| Benzene                    | 22.1 | 0.50 | ug/L | 20 | 110  | 75-125 |
| Bromodichloromethane       | 19.8 | 0.50 | ug/L | 20 | 99.0 | 75-125 |
| Bromoform                  | 15.4 | 0.50 | ug/L | 20 | 77.1 | 75-125 |
| Carbon Tetrachloride       | 17.0 | 0.50 | ug/L | 20 | 85.2 | 75-125 |
| Chlorobenzene              | 19.8 | 0.50 | ug/L | 20 | 98.9 | 75-125 |
| Chloroethane               | 19.9 | 0.50 | ug/L | 20 | 99.4 | 75-125 |
| Chloroform                 | 19.3 | 0.50 | ug/L | 20 | 96.4 | 75-125 |
| Chloromethane              | 21.9 | 0.50 | ug/L | 20 | 110  | 65-125 |
| Dibromochloromethane       | 17.3 | 0.50 | ug/L | 20 | 86.6 | 75-125 |
| 1,4-Dichlorobenzene        | 19.7 | 0.50 | ug/L | 20 | 98.7 | 75-125 |
| 1,1-Dichloroethane         | 17.6 | 0.50 | ug/L | 20 | 87.8 | 70-125 |
| 1,2-Dichloroethane (EDC)   | 19.2 | 0.50 | ug/L | 20 | 95.9 | 75-125 |
| 1,1-Dichloroethylene       | 17.6 | 0.50 | ug/L | 20 | 88.0 | 70-130 |
| trans-1,2-Dichloroethylene | 17.6 | 0.50 | ug/L | 20 | 87.8 | 75-125 |
| cis-1,2-Dichloroethylene   | 19.2 | 0.50 | ug/L | 20 | 96.2 | 75-125 |
| 1,2-Dichloropropane        | 23.8 | 0.50 | ug/L | 20 | 119  | 75-130 |
| cis-1,3-Dichloropropylene  | 22.2 | 0.50 | ug/L | 20 | 111  | 75-125 |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: Chun  
 Project No: NA  
 Project Name: Chun

AA Project No: A57226  
 Date Received: 03/03/10  
 Date Reported: 03/15/10

| Analyte | Reporting Result | Limit | Units | Spike Level | Source Result | %REC %REC | Limit | RPD | RPD Limit | Notes |
|---------|------------------|-------|-------|-------------|---------------|-----------|-------|-----|-----------|-------|
|---------|------------------|-------|-------|-------------|---------------|-----------|-------|-----|-----------|-------|

**VOCs, OXY & TPH Gasoline by GC/MS - Quality Control**

Batch B0C1104 - EPA 5030B

**LCS (B0C1104-BS1) Continued**

Prepared &amp; Analyzed: 03/11/10

|                                |      |      |      |    |      |        |  |  |  |  |
|--------------------------------|------|------|------|----|------|--------|--|--|--|--|
| Ethylbenzene                   | 20.0 | 0.50 | ug/L | 20 | 100  | 75-125 |  |  |  |  |
| Methyl-tert-Butyl Ether (MTBE) | 17.1 | 2.0  | ug/L | 20 | 85.5 | 75-125 |  |  |  |  |
| Methylene Chloride             | 18.8 | 5.0  | ug/L | 20 | 94.2 | 75-130 |  |  |  |  |
| 1,1,2,2-Tetrachloroethane      | 20.8 | 0.50 | ug/L | 20 | 104  | 70-135 |  |  |  |  |
| Tetrachloroethylene (PCE)      | 18.6 | 0.50 | ug/L | 20 | 92.8 | 75-125 |  |  |  |  |
| Toluene                        | 19.9 | 0.50 | ug/L | 20 | 99.4 | 75-125 |  |  |  |  |
| 1,1,1-Trichloroethane          | 17.4 | 0.50 | ug/L | 20 | 86.9 | 75-125 |  |  |  |  |
| 1,1,2-Trichloroethane          | 19.6 | 0.50 | ug/L | 20 | 98.2 | 75-125 |  |  |  |  |
| Trichloroethylene (TCE)        | 20.2 | 0.50 | ug/L | 20 | 101  | 75-125 |  |  |  |  |
| Vinyl chloride                 | 20.0 | 0.50 | ug/L | 20 | 100  | 75-125 |  |  |  |  |
| o-Xylene                       | 20.6 | 0.50 | ug/L | 20 | 103  | 75-125 |  |  |  |  |

|                                 |      |  |      |    |      |        |  |  |  |  |
|---------------------------------|------|--|------|----|------|--------|--|--|--|--|
| Surrogate: 4-Bromofluorobenzene | 47.3 |  | ug/L | 50 | 94.6 | 70-140 |  |  |  |  |
| Surrogate: Dibromofluoromethane | 48.2 |  | ug/L | 50 | 96.4 | 70-140 |  |  |  |  |
| Surrogate: Toluene-d8           | 49.5 |  | ug/L | 50 | 98.9 | 70-140 |  |  |  |  |

**Matrix Spike (B0C1104-MS1)**

Source: 0C03001-01 Prepared &amp; Analyzed: 03/11/10

|                                |      |      |      |    |       |      |        |  |  |  |
|--------------------------------|------|------|------|----|-------|------|--------|--|--|--|
| Benzene                        | 22.8 | 0.50 | ug/L | 20 | <0.50 | 114  | 70-130 |  |  |  |
| Bromoform                      | 18.0 | 0.50 | ug/L | 20 | <0.50 | 90.0 | 70-130 |  |  |  |
| Chlorobenzene                  | 19.8 | 0.50 | ug/L | 20 | <0.50 | 98.8 | 70-130 |  |  |  |
| Chloroform                     | 20.9 | 0.50 | ug/L | 20 | <0.50 | 104  | 70-130 |  |  |  |
| 1,1-Dichloroethane             | 18.4 | 0.50 | ug/L | 20 | <0.50 | 92.2 | 70-130 |  |  |  |
| 1,1-Dichloroethylene           | 18.1 | 0.50 | ug/L | 20 | <0.50 | 90.4 | 70-130 |  |  |  |
| cis-1,2-Dichloroethylene       | 20.2 | 0.50 | ug/L | 20 | <0.50 | 101  | 70-130 |  |  |  |
| 1,2-Dichloropropane            | 25.4 | 0.50 | ug/L | 20 | <0.50 | 127  | 70-130 |  |  |  |
| Ethylbenzene                   | 19.4 | 0.50 | ug/L | 20 | <0.50 | 97.2 | 70-130 |  |  |  |
| Methyl-tert-Butyl Ether (MTBE) | 20.4 | 2.0  | ug/L | 20 | <2.0  | 102  | 70-130 |  |  |  |
| n-Propylbenzene                | 18.6 | 0.50 | ug/L | 20 | <0.50 | 92.8 | 70-130 |  |  |  |
| Tetrachloroethylene (PCE)      | 18.3 | 0.50 | ug/L | 20 | <0.50 | 91.3 | 70-130 |  |  |  |
| Toluene                        | 19.5 | 0.50 | ug/L | 20 | <0.50 | 97.3 | 70-130 |  |  |  |
| 1,1,1-Trichloroethane          | 17.9 | 0.50 | ug/L | 20 | <0.50 | 89.6 | 70-130 |  |  |  |
| Trichloroethylene (TCE)        | 21.6 | 0.50 | ug/L | 20 | <0.50 | 108  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene         | 17.7 | 0.50 | ug/L | 20 | <0.50 | 88.7 | 70-130 |  |  |  |

**Viorel Vasile**  
 Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10

| Analyte | Reporting<br>Result | Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>%REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|---------------------|-------|-------|----------------|------------------|--------------|----------------|-----|--------------|-------|
|---------|---------------------|-------|-------|----------------|------------------|--------------|----------------|-----|--------------|-------|

**VOCs, OXY & TPH Gasoline by GC/MS - Quality Control**

*Batch B0C1104 - EPA 5030B*

**Matrix Spike (B0C1104-MS1) Continued Source: 0C03001-01** Prepared & Analyzed: 03/11/10

|  |      |      |      |    |       |      |        |  |  |  |
|--|------|------|------|----|-------|------|--------|--|--|--|
| Vinyl chloride                         | 21.0 | 0.50 | ug/L | 20 | <0.50 | 105  | 70-130 |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 46.4 |      | ug/L | 50 |       | 92.9 | 70-140 |  |  |  |
| <i>Surrogate: Dibromofluoromethane</i> | 50.7 |      | ug/L | 50 |       | 101  | 70-140 |  |  |  |
| <i>Surrogate: Toluene-d8</i>           | 48.6 |      | ug/L | 50 |       | 97.3 | 70-140 |  |  |  |

**Matrix Spike Dup (B0C1104-MSD1) Source: 0C03001-01** Prepared & Analyzed: 03/11/10

|  |      |      |      |    |       |      |        |        |    |  |
|--|------|------|------|----|-------|------|--------|--------|----|--|
| Benzene                                | 22.1 | 0.50 | ug/L | 20 | <0.50 | 111  | 70-130 | 2.76   | 30 |  |
| Bromoform                              | 19.1 | 0.50 | ug/L | 20 | <0.50 | 95.4 | 70-130 | 5.93   | 30 |  |
| Chlorobenzene                          | 19.6 | 0.50 | ug/L | 20 | <0.50 | 97.8 | 70-130 | 1.12   | 30 |  |
| Chloroform                             | 20.5 | 0.50 | ug/L | 20 | <0.50 | 102  | 70-130 | 1.93   | 30 |  |
| 1,1-Dichloroethane                     | 18.1 | 0.50 | ug/L | 20 | <0.50 | 90.7 | 70-130 | 1.69   | 30 |  |
| 1,1-Dichloroethylene                   | 17.7 | 0.50 | ug/L | 20 | <0.50 | 88.5 | 70-130 | 2.07   | 30 |  |
| cis-1,2-Dichloroethylene               | 19.4 | 0.50 | ug/L | 20 | <0.50 | 97.2 | 70-130 | 3.64   | 30 |  |
| 1,2-Dichloropropane                    | 25.7 | 0.50 | ug/L | 20 | <0.50 | 128  | 70-130 | 1.10   | 30 |  |
| Ethylbenzene                           | 19.4 | 0.50 | ug/L | 20 | <0.50 | 97.2 | 70-130 | 0.0514 | 30 |  |
| Methyl-tert-Butyl Ether (MTBE)         | 21.5 | 2.0  | ug/L | 20 | <2.0  | 108  | 70-130 | 5.20   | 30 |  |
| n-Propylbenzene                        | 18.9 | 0.50 | ug/L | 20 | <0.50 | 94.6 | 70-130 | 1.81   | 30 |  |
| Tetrachloroethylene (PCE)              | 18.4 | 0.50 | ug/L | 20 | <0.50 | 92.0 | 70-130 | 0.709  | 30 |  |
| Toluene                                | 19.3 | 0.50 | ug/L | 20 | <0.50 | 96.5 | 70-130 | 0.826  | 30 |  |
| 1,1,1-Trichloroethane                  | 17.2 | 0.50 | ug/L | 20 | <0.50 | 86.1 | 70-130 | 4.04   | 30 |  |
| Trichloroethylene (TCE)                | 21.1 | 0.50 | ug/L | 20 | <0.50 | 105  | 70-130 | 2.53   | 30 |  |
| 1,3,5-Trimethylbenzene                 | 17.9 | 0.50 | ug/L | 20 | <0.50 | 89.6 | 70-130 | 1.07   | 30 |  |
| Vinyl chloride                         | 20.2 | 0.50 | ug/L | 20 | <0.50 | 101  | 70-130 | 3.83   | 30 |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 47.7 |      | ug/L | 50 |       | 95.4 | 70-140 |        |    |  |
| <i>Surrogate: Dibromofluoromethane</i> | 48.8 |      | ug/L | 50 |       | 97.5 | 70-140 |        |    |  |
| <i>Surrogate: Toluene-d8</i>           | 48.0 |      | ug/L | 50 |       | 96.0 | 70-140 |        |    |  |

*Batch B0C1202 - EPA 5030B*

**Blank (B0C1202-BLK1)** Prepared & Analyzed: 03/12/10

|                               |       |      |      |  |  |  |  |  |  |  |
|-------------------------------|-------|------|------|--|--|--|--|--|--|--|
| Acetone                       | <10   | 10   | ug/L |  |  |  |  |  |  |  |
| tert-Amyl Methyl Ether (TAME) | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |  |
| Benzene                       | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |

**Viorel Vasile**  
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10

| Analyte | Reporting |       | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|-----------|-------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|         | Result    | Limit |       |             |               |      |             |     |           |       |

**VOCs, OXY & TPH Gasoline by GC/MS - Quality Control**

Batch B0C1202 - EPA 5030B

**Blank (B0C1202-BLK1) Continued**

Prepared & Analyzed: 03/12/10

|                               |       |      |      |
|-------------------------------|-------|------|------|
| Bromobenzene                  | <0.50 | 0.50 | ug/L |
| Bromochloromethane            | <0.50 | 0.50 | ug/L |
| Bromodichloromethane          | <0.50 | 0.50 | ug/L |
| Bromoform                     | <0.50 | 0.50 | ug/L |
| Bromomethane                  | <0.50 | 0.50 | ug/L |
| 2-Butanone (MEK)              | <10   | 10   | ug/L |
| tert-Butyl alcohol (TBA)      | <10   | 10   | ug/L |
| sec-Butylbenzene              | <0.50 | 0.50 | ug/L |
| tert-Butylbenzene             | <0.50 | 0.50 | ug/L |
| n-Butylbenzene                | <0.50 | 0.50 | ug/L |
| Carbon Disulfide              | <0.50 | 0.50 | ug/L |
| Carbon Tetrachloride          | <0.50 | 0.50 | ug/L |
| Chlorobenzene                 | <0.50 | 0.50 | ug/L |
| Chloroethane                  | <0.50 | 0.50 | ug/L |
| Chloroform                    | <0.50 | 0.50 | ug/L |
| Chloromethane                 | <0.50 | 0.50 | ug/L |
| 2-Chlorotoluene               | <0.50 | 0.50 | ug/L |
| 4-Chlorotoluene               | <0.50 | 0.50 | ug/L |
| 1,2-Dibromo-3-chloropropane   | <1.0  | 1.0  | ug/L |
| Dibromochloromethane          | <0.50 | 0.50 | ug/L |
| 1,2-Dibromoethane (EDB)       | <0.50 | 0.50 | ug/L |
| Dibromomethane                | <0.50 | 0.50 | ug/L |
| 1,3-Dichlorobenzene           | <0.50 | 0.50 | ug/L |
| 1,2-Dichlorobenzene           | <0.50 | 0.50 | ug/L |
| 1,4-Dichlorobenzene           | <0.50 | 0.50 | ug/L |
| Dichlorodifluoromethane (R12) | <0.50 | 0.50 | ug/L |
| 1,1-Dichloroethane            | <0.50 | 0.50 | ug/L |
| 1,2-Dichloroethane (EDC)      | <0.50 | 0.50 | ug/L |
| 1,1-Dichloroethylene          | <0.50 | 0.50 | ug/L |
| trans-1,2-Dichloroethylene    | <0.50 | 0.50 | ug/L |
| cis-1,2-Dichloroethylene      | <0.50 | 0.50 | ug/L |

**Viorel Vasile**  
Operations Manager



**LABORATORY ANALYSIS RESULTS**

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10

| Analyte | Reporting Result | Reporting Limit | Units | Spike Level | Source Result | %REC %REC | Limit | RPD RPD | Limit | Notes |
|---------|------------------|-----------------|-------|-------------|---------------|-----------|-------|---------|-------|-------|
|---------|------------------|-----------------|-------|-------------|---------------|-----------|-------|---------|-------|-------|

**VOCs, OXY & TPH Gasoline by GC/MS - Quality Control**

Batch B0C1202 - EPA 5030B

**Blank (B0C1202-BLK1) Continued**

Prepared & Analyzed: 03/12/10

|                                |       |      |      |  |  |  |  |  |  |  |
|--------------------------------|-------|------|------|--|--|--|--|--|--|--|
| 1,2-Dichloropropane            | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 2,2-Dichloropropane            | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,3-Dichloropropane            | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropylene      | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| trans-1,3-Dichloropropylene    | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1-Dichloropropylene          | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Diisopropyl ether (DIPE)       | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |  |
| Ethanol                        | <200  | 200  | ug/L |  |  |  |  |  |  |  |
| Ethylbenzene                   | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Ethyl-tert-Butyl Ether (ETBE)  | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |  |
| Gasoline Range Organics (GRO)  | <100  | 100  | ug/L |  |  |  |  |  |  |  |
| Hexachlorobutadiene            | <1.0  | 1.0  | ug/L |  |  |  |  |  |  |  |
| 2-Hexanone (MBK)               | <10   | 10   | ug/L |  |  |  |  |  |  |  |
| Isopropylbenzene               | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 4-Isopropyltoluene             | <1.0  | 1.0  | ug/L |  |  |  |  |  |  |  |
| Methyl-tert-Butyl Ether (MTBE) | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |  |
| Methylene Chloride             | <5.0  | 5.0  | ug/L |  |  |  |  |  |  |  |
| 4-Methyl-2-pentanone (MIBK)    | <10   | 10   | ug/L |  |  |  |  |  |  |  |
| Naphthalene                    | <2.0  | 2.0  | ug/L |  |  |  |  |  |  |  |
| n-Propylbenzene                | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Styrene                        | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1,1,2-Tetrachloroethane      | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane      | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Tetrachloroethylene (PCE)      | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Toluene                        | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene         | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene         | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane          | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane          | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Trichloroethylene (TCE)        | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Trichlorofluoromethane (R11)   | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |

**Viorel Vasile**  
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: Chun  
 Project No: NA  
 Project Name: Chun

AA Project No: A57226  
 Date Received: 03/03/10  
 Date Reported: 03/15/10

| Analyte | Reporting Result | Limit | Units | Spike Level | Source Result | %REC %REC | Limit | RPD RPD | Limit | Notes |
|---------|------------------|-------|-------|-------------|---------------|-----------|-------|---------|-------|-------|
|---------|------------------|-------|-------|-------------|---------------|-----------|-------|---------|-------|-------|

**VOCs, OXY & TPH Gasoline by GC/MS - Quality Control**

Batch B0C1202 - EPA 5030B

**Blank (B0C1202-BLK1) Continued**

Prepared &amp; Analyzed: 03/12/10

|  |       |      |      |  |  |  |  |  |  |  |
|--|-------|------|------|--|--|--|--|--|--|--|
| 1,2,3-Trichloropropane                       | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (R113) | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene                       | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene                       | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| Vinyl chloride                               | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| o-Xylene                                     | <0.50 | 0.50 | ug/L |  |  |  |  |  |  |  |
| m,p-Xylenes                                  | <1.0  | 1.0  | ug/L |  |  |  |  |  |  |  |

|                                 |      |  |      |    |  |     |        |  |  |  |
|---------------------------------|------|--|------|----|--|-----|--------|--|--|--|
| Surrogate: 4-Bromofluorobenzene | 51.0 |  | ug/L | 50 |  | 102 | 70-140 |  |  |  |
| Surrogate: Dibromofluoromethane | 50.7 |  | ug/L | 50 |  | 101 | 70-140 |  |  |  |
| Surrogate: Toluene-d8           | 53.6 |  | ug/L | 50 |  | 107 | 70-140 |  |  |  |

**LCS (B0C1202-BS1)**

Prepared &amp; Analyzed: 03/12/10

|                                |      |      |      |    |  |      |        |  |  |  |
|--------------------------------|------|------|------|----|--|------|--------|--|--|--|
| Benzene                        | 22.4 | 0.50 | ug/L | 20 |  | 112  | 75-125 |  |  |  |
| Bromodichloromethane           | 21.8 | 0.50 | ug/L | 20 |  | 109  | 75-125 |  |  |  |
| Bromoform                      | 16.4 | 0.50 | ug/L | 20 |  | 82.1 | 75-125 |  |  |  |
| Carbon Tetrachloride           | 17.2 | 0.50 | ug/L | 20 |  | 85.9 | 75-125 |  |  |  |
| Chlorobenzene                  | 18.6 | 0.50 | ug/L | 20 |  | 92.8 | 75-125 |  |  |  |
| Chloroethane                   | 18.7 | 0.50 | ug/L | 20 |  | 93.6 | 75-125 |  |  |  |
| Chloroform                     | 19.4 | 0.50 | ug/L | 20 |  | 96.8 | 75-125 |  |  |  |
| Chloromethane                  | 20.0 | 0.50 | ug/L | 20 |  | 99.9 | 65-125 |  |  |  |
| Dibromochloromethane           | 17.5 | 0.50 | ug/L | 20 |  | 87.7 | 75-125 |  |  |  |
| 1,4-Dichlorobenzene            | 19.2 | 0.50 | ug/L | 20 |  | 96.0 | 75-125 |  |  |  |
| 1,1-Dichloroethane             | 17.8 | 0.50 | ug/L | 20 |  | 89.2 | 70-125 |  |  |  |
| 1,2-Dichloroethane (EDC)       | 19.1 | 0.50 | ug/L | 20 |  | 95.4 | 75-125 |  |  |  |
| 1,1-Dichloroethylene           | 18.1 | 0.50 | ug/L | 20 |  | 90.3 | 70-130 |  |  |  |
| trans-1,2-Dichloroethylene     | 16.9 | 0.50 | ug/L | 20 |  | 84.4 | 75-125 |  |  |  |
| cis-1,2-Dichloroethylene       | 18.9 | 0.50 | ug/L | 20 |  | 94.7 | 75-125 |  |  |  |
| 1,2-Dichloropropane            | 23.4 | 0.50 | ug/L | 20 |  | 117  | 75-130 |  |  |  |
| cis-1,3-Dichloropropylene      | 23.1 | 0.50 | ug/L | 20 |  | 116  | 75-125 |  |  |  |
| Ethylbenzene                   | 18.5 | 0.50 | ug/L | 20 |  | 92.7 | 75-125 |  |  |  |
| Methyl-tert-Butyl Ether (MTBE) | 19.2 | 2.0  | ug/L | 20 |  | 96.0 | 75-125 |  |  |  |

**Viorel Vasile**  
 Operations Manager



## LABORATORY ANALYSIS RESULTS

Client: Chun  
 Project No: NA  
 Project Name: Chun

AA Project No: A57226  
 Date Received: 03/03/10  
 Date Reported: 03/15/10

| Analyte | Reporting<br>Result | Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|---------------------|-------|-------|----------------|------------------|----------------|----------------|-----|--------------|-------|
|---------|---------------------|-------|-------|----------------|------------------|----------------|----------------|-----|--------------|-------|

**VOCs, OXY & TPH Gasoline by GC/MS - Quality Control**

Batch B0C1202 - EPA 5030B

**LCS (B0C1202-BS1) Continued**

Prepared & Analyzed: 03/12/10

|                           |      |      |      |    |  |      |        |  |  |  |
|---------------------------|------|------|------|----|--|------|--------|--|--|--|
| Methylene Chloride        | 17.6 | 5.0  | ug/L | 20 |  | 88.0 | 75-130 |  |  |  |
| 1,1,2,2-Tetrachloroethane | 21.8 | 0.50 | ug/L | 20 |  | 109  | 70-135 |  |  |  |
| Tetrachloroethylene (PCE) | 17.1 | 0.50 | ug/L | 20 |  | 85.5 | 75-125 |  |  |  |
| Toluene                   | 18.6 | 0.50 | ug/L | 20 |  | 92.8 | 75-125 |  |  |  |
| 1,1,1-Trichloroethane     | 17.8 | 0.50 | ug/L | 20 |  | 89.2 | 75-125 |  |  |  |
| 1,1,2-Trichloroethane     | 19.4 | 0.50 | ug/L | 20 |  | 97.0 | 75-125 |  |  |  |
| Trichloroethylene (TCE)   | 21.3 | 0.50 | ug/L | 20 |  | 106  | 75-125 |  |  |  |
| Vinyl chloride            | 19.6 | 0.50 | ug/L | 20 |  | 97.9 | 75-125 |  |  |  |
| o-Xylene                  | 19.3 | 0.50 | ug/L | 20 |  | 96.7 | 75-125 |  |  |  |

|                                 |      |  |      |    |  |      |        |  |  |  |
|---------------------------------|------|--|------|----|--|------|--------|--|--|--|
| Surrogate: 4-Bromofluorobenzene | 49.8 |  | ug/L | 50 |  | 99.5 | 70-140 |  |  |  |
| Surrogate: Dibromofluoromethane | 54.0 |  | ug/L | 50 |  | 108  | 70-140 |  |  |  |
| Surrogate: Toluene-d8           | 50.1 |  | ug/L | 50 |  | 100  | 70-140 |  |  |  |

**Matrix Spike (B0C1202-MS1)**

Source: 0C03001-18 Prepared & Analyzed: 03/12/10

|                                 |      |      |      |    |       |      |        |  |  |  |
|---------------------------------|------|------|------|----|-------|------|--------|--|--|--|
| Benzene                         | 24.4 | 0.50 | ug/L | 20 | 1.05  | 117  | 70-130 |  |  |  |
| Bromoform                       | 19.7 | 0.50 | ug/L | 20 | <0.50 | 98.7 | 70-130 |  |  |  |
| Chlorobenzene                   | 19.4 | 0.50 | ug/L | 20 | <0.50 | 97.0 | 70-130 |  |  |  |
| Chloroform                      | 21.6 | 0.50 | ug/L | 20 | <0.50 | 108  | 70-130 |  |  |  |
| 1,1-Dichloroethane              | 18.9 | 0.50 | ug/L | 20 | <0.50 | 94.4 | 70-130 |  |  |  |
| 1,1-Dichloroethylene            | 17.5 | 0.50 | ug/L | 20 | <0.50 | 87.6 | 70-130 |  |  |  |
| cis-1,2-Dichloroethylene        | 20.8 | 0.50 | ug/L | 20 | <0.50 | 104  | 70-130 |  |  |  |
| 1,2-Dichloropropane             | 24.2 | 0.50 | ug/L | 20 | <0.50 | 121  | 70-130 |  |  |  |
| Ethylbenzene                    | 19.2 | 0.50 | ug/L | 20 | <0.50 | 96.2 | 70-130 |  |  |  |
| Methyl-tert-Butyl Ether (MTBE)  | 23.4 | 2.0  | ug/L | 20 | <2.0  | 117  | 70-130 |  |  |  |
| n-Propylbenzene                 | 20.2 | 0.50 | ug/L | 20 | <0.50 | 101  | 70-130 |  |  |  |
| Tetrachloroethylene (PCE)       | 16.8 | 0.50 | ug/L | 20 | <0.50 | 84.0 | 70-130 |  |  |  |
| Toluene                         | 18.3 | 0.50 | ug/L | 20 | <0.50 | 91.4 | 70-130 |  |  |  |
| 1,1,1-Trichloroethane           | 18.4 | 0.50 | ug/L | 20 | <0.50 | 91.8 | 70-130 |  |  |  |
| Trichloroethylene (TCE)         | 22.8 | 0.50 | ug/L | 20 | <0.50 | 114  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene          | 19.7 | 0.50 | ug/L | 20 | <0.50 | 98.3 | 70-130 |  |  |  |
| Vinyl chloride                  | 20.6 | 0.50 | ug/L | 20 | <0.50 | 103  | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 48.6 |      | ug/L | 50 |       | 97.2 | 70-140 |  |  |  |

**Viorel Vasile**  
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: Chun  
 Project No: NA  
 Project Name: Chun

AA Project No: A57226  
 Date Received: 03/03/10  
 Date Reported: 03/15/10

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC %REC | Limit | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|-----------|-------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|-----------|-------|-----|-----------|-------|

**VOCs, OXY & TPH Gasoline by GC/MS - Quality Control**

Batch B0C1202 - EPA 5030B

**Matrix Spike (B0C1202-MS1) Continued Source: 0C03001-18** Prepared & Analyzed: 03/12/10

Surrogate: Dibromofluoromethane 52.8 ug/L 50 106 70-140  
 Surrogate: Toluene-d8 45.8 ug/L 50 91.5 70-140

**Matrix Spike Dup (B0C1202-MSD1) Source: 0C03001-18** Prepared & Analyzed: 03/12/10

|                                 |      |      |      |    |       |      |        |       |    |  |
|---------------------------------|------|------|------|----|-------|------|--------|-------|----|--|
| Benzene                         | 22.7 | 0.50 | ug/L | 20 | 1.05  | 108  | 70-130 | 7.22  | 30 |  |
| Bromoform                       | 18.5 | 0.50 | ug/L | 20 | <0.50 | 92.4 | 70-130 | 6.65  | 30 |  |
| Chlorobenzene                   | 18.8 | 0.50 | ug/L | 20 | <0.50 | 94.1 | 70-130 | 3.04  | 30 |  |
| Chloroform                      | 20.1 | 0.50 | ug/L | 20 | <0.50 | 100  | 70-130 | 7.25  | 30 |  |
| 1,1-Dichloroethane              | 18.1 | 0.50 | ug/L | 20 | <0.50 | 90.3 | 70-130 | 4.49  | 30 |  |
| 1,1-Dichloroethylene            | 18.4 | 0.50 | ug/L | 20 | <0.50 | 92.2 | 70-130 | 5.17  | 30 |  |
| cis-1,2-Dichloroethylene        | 19.0 | 0.50 | ug/L | 20 | <0.50 | 95.2 | 70-130 | 8.74  | 30 |  |
| 1,2-Dichloropropane             | 24.0 | 0.50 | ug/L | 20 | <0.50 | 120  | 70-130 | 1.04  | 30 |  |
| Ethylbenzene                    | 19.0 | 0.50 | ug/L | 20 | <0.50 | 95.2 | 70-130 | 1.15  | 30 |  |
| Methyl-tert-Butyl Ether (MTBE)  | 22.1 | 2.0  | ug/L | 20 | <2.0  | 110  | 70-130 | 5.89  | 30 |  |
| n-Propylbenzene                 | 20.9 | 0.50 | ug/L | 20 | <0.50 | 105  | 70-130 | 3.35  | 30 |  |
| Tetrachloroethylene (PCE)       | 17.8 | 0.50 | ug/L | 20 | <0.50 | 89.2 | 70-130 | 6.00  | 30 |  |
| Toluene                         | 19.0 | 0.50 | ug/L | 20 | <0.50 | 95.0 | 70-130 | 3.97  | 30 |  |
| 1,1,1-Trichloroethane           | 16.7 | 0.50 | ug/L | 20 | <0.50 | 83.5 | 70-130 | 9.47  | 30 |  |
| Trichloroethylene (TCE)         | 20.2 | 0.50 | ug/L | 20 | <0.50 | 101  | 70-130 | 12.2  | 30 |  |
| 1,3,5-Trimethylbenzene          | 20.5 | 0.50 | ug/L | 20 | <0.50 | 102  | 70-130 | 4.09  | 30 |  |
| Vinyl chloride                  | 20.7 | 0.50 | ug/L | 20 | <0.50 | 104  | 70-130 | 0.872 | 30 |  |
| Surrogate: 4-Bromofluorobenzene | 50.4 |      | ug/L | 50 |       | 101  | 70-140 |       |    |  |
| Surrogate: Dibromofluoromethane | 46.6 |      | ug/L | 50 |       | 93.3 | 70-140 |       |    |  |
| Surrogate: Toluene-d8           | 46.1 |      | ug/L | 50 |       | 92.2 | 70-140 |       |    |  |

**Viorel Vasile**  
 Operations Manager



## LABORATORY ANALYSIS RESULTS

**Client:** Chun  
**Project No:** NA  
**Project Name:** Chun

**AA Project No:** A57226  
**Date Received:** 03/03/10  
**Date Reported:** 03/15/10

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**Special Notes**

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**Viorel Vasile**  
Operations Manager


Frank Goldman  
 PO BOX 59, Sonoma, CA 95476  
 FJGoldmanCHG@yahoo.com  
 Cell: (707) 694-1375

AS7226/OC03001

# CHAIN OF CUSTODY RECORD

Laboratory Analysis P.O. No. \_\_\_\_\_  
 Laboratory Please Call Accounts Payable for P.O. No. \_\_\_\_\_

109974 Date: 02/01/10 Sheet 1 of 3

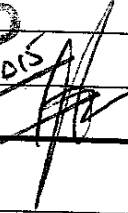
Project Name Chun  
 Project Number \_\_\_\_\_  
 Address 2301 SANTA CLARA  
ALAMEDA, CA 94501  
 Sampler's Name:  
Frank Goldman  
 Sampler's Signature:  


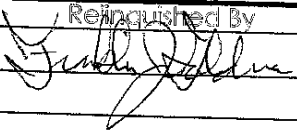
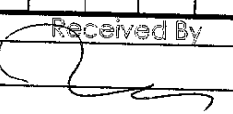

|               |          |          |          | Parameters           |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |
|---------------|----------|----------|----------|----------------------|--------------------|-----------------------------|-----------------|---------------------|--------------------------|-----------------|---------------------------|--------------------------|----------------------|---|-----------------------|------------------------------|----------------------------------|----------------------------|-------------|--------------|---|
| Sample Number | Location | Date     | Time     | TPH as Gasoline 8015 | TPH as Diesel 8015 | TPH-g/BTEX 8015/8020 & MTBE | BTEX & EPA 8020 | Oil and Grease 5520 | Volatile Organics (8010) | CAM Metals (17) | Pr. Pollutant Metals (13) | Base/Neu/Acids (Organic) | Pesticides 8140/8141 | Method 8260b for 5 oxygenates & 2 lead scavengers | GRO/BTEX 2 Lead Scav. | 5 Oxy. Nitrohalo. Trimethyls | Bulk Density, moisture, porosity | fraction of organic carbon | SOIL SAMPLE | WATER SAMPLE |   |
| MW-8          |          | 02/26/10 | 3:25 PM  |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              | X |
| MW-9          |          |          | 4:10 PM  |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |
| MW-10         |          |          | 4:45 PM  |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |
| BH            |          |          | 5:40 PM  |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |
| MW-4          |          | 02/27/10 | 7:35 AM  |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |
| MW-5          |          |          | 8:15 AM  |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |
| MW-6          |          |          | 9:00 AM  |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |
| MW-3          |          |          | 9:40 AM  |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |
| MW-2          |          |          | 10:20 AM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |
| MW-1          |          |          | 10:55 AM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |                       |                              |                                  |                            |             |              |   |

American Analytics  
 9745 Eton Ave  
 Chatsworth, CA 91311  
 Phone: (818) 998-5547  
 Phone Turnaround Time  
 Rush  24 Hour  48 Hour  5-Day  
 Repeat to: \_\_\_\_\_

Comments  
 OC03001-01  
 -02  
 -03  
 -04  
 -05  
 -06  
 -07  
 -08  
 -09

10 MAR 3 9:57 AM

**REVIEWED**  
 Date 3/2/10 Time 1:15  
 TAT 2 Days Sign: 

|   |                  |                 |  |                  |                 |
|---|------------------|-----------------|--|------------------|-----------------|
| Requisitioned By<br> | Date<br>03/01/10 | Time<br>1:20 PM | Received By<br>                   | Date<br>03/01/10 | Time<br>1:20 PM |
| Dispatched By   | Date             | Time            | Received in Lab By<br>Wood Vaino  | Date<br>3/3/10   | Time<br>0957    |

Total Number of Containers this Sheet: \_\_\_\_\_  
 Method of Shipment: \_\_\_\_\_  
 Special Shipment/Handling or Storage Requirements: \_\_\_\_\_  
 Keep on Ice

Frank Goldman  
 PO BOX 59, Sonoma, CA 95476  
 FJGoldmanCHG@yahoo.com  
 Cells (707) 694-1375


# CHAIN OF CUSTODY RECORD

Laboratory Analysis P.O. No. \_\_\_\_\_  
 Laboratory Please Call Accounts Payable for P.O. No. \_\_\_\_\_

AST226/003001

109975

Date: 03/01/10 Sheet 2 of 3


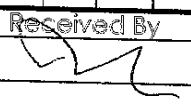
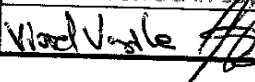
Project Name Chun  
 Project Number \_\_\_\_\_  
 Address 2301 SANTA CLARA  
 ALAMEDA, CA 94501  
 Sampler's Name:  
Frank Goldman  
 Sampler's Signature:  


|               |          |          |         | Parameters           |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |
|---------------|----------|----------|---------|----------------------|--------------------|-----------------------------|-----------------|---------------------|--------------------------|-----------------|---------------------------|--------------------------|----------------------|---|--|---|-------------|--------------|-------|
| Sample Number | Location | Date     | Time    | TPH as Gasoline 8015 | TPH as Diesel 8015 | TPH-G/BTEX 8015/8020 & MTBE | BTEX & EPA 8020 | Oil and Grease 3520 | Volatile Organics (8010) | CAM Metals (17) | Pr. Pollutant Metals (13) | Base/Neu/Acids (Organic) | Pesticides 8140/8141 | Method 8260b for 5 oxygenates & 2 lead scavengers | CRA BTEX 2-Lead/Scav, SOXs, Napthalene, Trimethyls | Bulk density, moisture, porosity fraction of organic carbon | SOIL SAMPLE | WATER SAMPLE |       |
|               |          |          |         |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              | EW-17 |
| EW-14         |          |          | 1:00 PM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |
| EW-16         |          |          | 2:10 PM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |
| EW-15         |          |          | 3:15 PM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |
| EW-13         |          |          | 4:05 PM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |
| BM            |          |          | 4:45    |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |
| MW-11         |          |          | 5:25    |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |
| BL            |          |          | 6:00    |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |
| BF            |          | 02/28/10 | 7:40 AM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |
| BG            |          | 02/28/10 | 8:20 AM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |  |   |             |              |       |

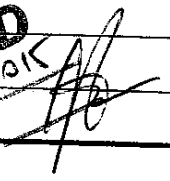
American Analytics  
 9765 Eton Ave  
 Chatsworth, CA 91311  
 Phone: (818) 998-5547

Phone Turnaround Time  
 Rush  24 Hour  48 Hour  5-Day  
 Repeat to: \_\_\_\_\_

Comments  
 003001-11  
 -12  
 -13  
 -14  
 -15  
 -16  
 -17  
 -18  
 -19

|  |                  |                 |   |                  |                 |
|--|------------------|-----------------|---|------------------|-----------------|
| Relinquished By<br> | Date<br>03/01/10 | Time<br>1:20 PM | Received By<br>        | Date<br>03/01/10 | Time<br>1:30 PM |
| Dispatched By  | Date             | Time            | Received in Lab By<br> | Date<br>3/3/10   | Time<br>0957    |

Total Number of Containers this Sheet: \_\_\_\_\_  
 Method of Shipment: **TAT 15 Days**  
 Special Shipment/Handling or Storage Requirements:  
**Keep on Ice**

**REVIEWED**  
 Date: 3/2/10 Time: 10:15  
 Signature: 

10 MAR 3 9:57 AM '10

Frank Goldman  
 PO BOX 59, Sonoma, CA 95476  
 FJGoldmanCHG@yahoo.com  
 Call: (707) 694-1375

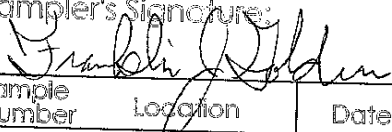
# CHAIN OF CUSTODY RECORD

Laboratory Analysis P.O. No. \_\_\_\_\_  
 Laboratory Please Call Accounts Payable for P.O. No. \_\_\_\_\_

AS7226/0C03001

109976

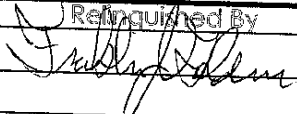
Date: 03/01/10 Sheet 3 of 3

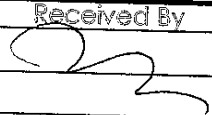
Project Name Chun  
 Project Number \_\_\_\_\_  
 Address 2301 SANTA CLARA  
 ALAMEDA, CA 94501  
 Sampler's Name:  
Frank Goldman  
 Sampler's Signature:  


|               |          |          |         | Parameters           |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
|---------------|----------|----------|---------|----------------------|--------------------|-----------------------------|-----------------|---------------------|--------------------------|-----------------|---------------------------|--------------------------|----------------------|---|---|---|-------------|--------------|--|
| Sample Number | Location | Date     | Time    | TPH as Gasoline 8015 | TPH as Diesel 8015 | TPH-g/BTEX 8015/8020 & MTBE | BTEX & EPA 8020 | Oil and Grease 5520 | Volatile Organics (8010) | CAM Metals (17) | Pt. Pollutant Metals (13) | Base/Neu/Acids (Organic) | Pesticides 8140/8141 | Method 8260b for 5 oxygenates & 2 lead scavengers | GRO, BTEX 2 lead (4.9v), 5 OXYs, Naptha, Tri-methyl | Bulk density, moisture, porosity fraction of organic carbon | SOIL SAMPLE | WATER SAMPLE |  |
| Bk            |          | 02/28/10 | 8:50 AM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
| BJ            |          | 02/28/10 | 9:20 AM |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
|               |          |          |         |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
|               |          |          |         |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
|               |          |          |         |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
|               |          |          |         |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
|               |          |          |         |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
|               |          |          |         |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
|               |          |          |         |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |
|               |          |          |         |                      |                    |                             |                 |                     |                          |                 |                           |                          |                      |   |   |   |             |              |  |

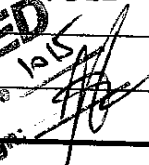
American Analytics  
 9765 Eton Ave  
 Chatsworth, CA 91311  
 Phone: (818) 998-5547  
 Phone Turnaround Time  
 Rush  24 Hour  48 Hour  5-Day  
 Repeat to: \_\_\_\_\_

Comments  
 0C03001-21  
 -22

Relinquished By  
  
 Date: 03/09/10 Time: 1:20 PM  
 Dispatched By  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By  
  
 Date: 03/01/10 Time: 1:20 PM  
 Received in Lab  
 Date: 3/3/10 Time: 0957

Total Number of Containers this Sheet: \_\_\_\_\_  
 Method of Shipment: \_\_\_\_\_  
 Special Shipment/Handling or Storage Requirements: \_\_\_\_\_  
 Keep on Ice

**REVIEWED**  
 Date 3/3/10 Time 1:15  
 TSN Days Sign: 

10MAN 3 95724