



**CONOCOPHILLIPS COMPANY  
GROUNDWATER MONITORING REPORT**

December 7, 2004

Site No.: 255353 Site Address: 600 Westlake Avenue, Seattle, Washington  
 ConocoPhillips Site Manager: Kipp Eckert  
 Consultant/Contact Person: Delta Environmental Consultants, Inc. – Eric Larsen  
 Primary Agency/Regulatory ID No.: Washington DOE Northwest Region

**WORK PERFORMED THIS QUARTER [Third - 2004]**

- Measured depth to water in one unidentified well and 15 monitoring wells (SMW-3, MW-32A, MW-33 through MW-37, MW-40, MW-43, MW-45, MW-47, and MW-50 through MW-53).
- Purged and sampled groundwater from 15 monitoring wells (SMW-3, MW-32A, MW-33 through MW-37, MW-40, MW-43, MW-45, MW-47, and MW-50 through MW-53) on September 29, 2004.
- Analyzed groundwater samples for total petroleum hydrocarbons as gasoline (TPH-G) using Northwest Method NWTPH-Gx, TPH as diesel and heavy oil (TPH-D and TPH-O) using Northwest Method NWTPH-Dx, and benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8260B.

**WORK PROPOSED FOR NEXT QUARTER [Fourth - 2004]**

- Measure depth to water in 11 monitoring wells (MW-32A, MW-33, MW-34, MW-35, MW-37, MW-40, MW-45, MW-50, MW-51, MW-52, and MW-53).
- Purge and sample groundwater from 11 monitoring wells (MW-32A, MW-33, MW-34, MW-35, MW-37, MW-40, MW-45, MW-50, MW-51, MW-52, and MW-53).
- Analyze groundwater samples for TPH-G using Northwest Method NWTPH-Gx, TPH-D and TPH-O using Northwest Method NWTPH-Dx, and BTEX using EPA Method 8260B.
- Repair damaged well monuments and surface seals and fix associated tripping hazards.
- Next sampling event is scheduled for December 2004.

**SUMMARY**

|  |   |
|--|---|
| Frequency of Sampling Events:              | <u>Quarterly</u> (Quarterly, etc.)                          |
| Approximate Depth to Groundwater:          | <u>9.20 – 12.60</u> (Measured Feet)                         |
| Groundwater Gradient:                      | <u>Multi-Directional</u> (Direction)                        |
|  | <u>Varies</u> (ft/ft)                                       |
| Maximum Benzene Concentration:             | <u>92 (MW-50)</u> (ppb)                                     |
| Measurable Free Product Detected:          | <u>None</u> (Yes - ID well(s)/No)                           |
| Free Product Recovered This Quarter:       | <u>None</u> (gallons)                                       |
| Cumulative Free Product Recovered to Date: | <u>43,632</u> (gallons)                                     |
| Water Wells or Surface Waters w/in a 2000' | <u>Lake Union</u>   |
| Radius and Respective Direction:           | <u>400 ft North</u> (Distance and Direction)                |
| Current Remedial Action:                   | <u>AS/SVE</u> (SVE/AS/P&T/DVE/<br>Product Removal/Bio/etc.) |
| Permits for Discharge:                     | <u>PSAPCA No. 8905</u> (NPDES, POTW, etc.)                  |



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### DISCUSSION

- Delta personnel observed that Monitoring Well MW-3 had been paved over with concrete when a new dumpster enclosure was installed at the site. Therefore, MW-3 could not be accessed for monitoring during this event.
- Delta was unable to access Monitoring Well MW-38 due to street upgrade activities on Terry Avenue North. The well appeared to be covered with gravel and could not be located during this monitoring event.
- No measurable free product was present in any of the wells monitored during this event. However, a sheen was observed on the groundwater from Well MW-40.
- Delta observed water bubbling up in Wells MW-32A and MW-33 during this event. Groundwater elevations in these wells and in MW-34 and MW-37 are relatively higher with respect to other wells located on- and off-site. Mounding groundwater and observed bubbling conditions are apparently due to the effects of the deep air sparge system currently operating at the site.
- TPH-G was detected above the laboratory reporting limit in groundwater samples collected from Wells SMW-3, MW-32A, MW-33, MW-34, MW-35, MW-37, MW-40, MW-43, MW-45, MW-47, and MW-50 through MW-53, at concentrations ranging from 56 ppb (SMW-3) to 3,600 ppb (MW-50).
- TPH-D was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-33, MW-34, MW-35, MW-37, MW-40, MW-47, MW-50, and MW-53 at concentrations ranging from 248 ppb (MW-35) to 32,800 ppb (MW-40).
- TPH-O was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-40 and MW-47 at concentrations of 219,000 ppb and 735 ppb, respectively.
- Benzene was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-32A, MW-33, MW-34, MW-35, MW-36, MW-43, MW-50, MW-52, and MW-53, at concentrations ranging from 0.50 ppb (MW-35) to 92 ppb (MW-50).
- Toluene was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-32A, MW-33, MW-45, and MW-50 at concentrations ranging from 1.5 ppb (MW-45) to 62 ppb (MW-50).
- Ethylbenzene was detected above the laboratory reporting limit in groundwater samples collected from Wells MW-32A, MW-33, MW-34, MW-35, MW-37, MW-45, MW-50, MW-52, and MW-53 at concentrations ranging from 0.62 ppb (MW-45) to 100 ppb (MW-50).
- Total xylenes were detected above the laboratory reporting limit in groundwater samples collected from MW-32A, MW-33, MW-34, MW-35, MW-37, MW-45, MW-50, MW-52 and MW-53 at concentrations ranging from 2.1 ppb (MW-35) to 520 ppb (MW-50).
- TPH and BTEX concentrations have decreased significantly with respect to historical levels in Wells MW-32A, MW-33, MW-35, MW-37, MW-45, MW-50, MW-51, MW-52, and MW-53. Additionally, free product previously observed in Wells MW-33 and MW-37 has not been observed in the wells since 2002.



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- TPH-D and TPH-O concentrations in MW-40 were significantly higher during this event than reported concentrations from previous events. This well is typically sampled on a semi-annual basis during first and third quarters of the year. However, due to the unusual increase in TPH-D and TPH-O concentrations in the well, Delta will monitor groundwater from MW-40 during the fourth quarter event for 2004. Well integrity and surface seals will also be checked to see if impacts may be a result of surface sources.

**LIMITATIONS**

The services described in this report were performed in accordance with generally accepted professional consulting principles and practices. No other warranty, either express or implied, is made. These services were performed in accordance with terms established with our client. This report is solely for the use of our client and reliance on any part of this report by a third party is at such party's sole risk.

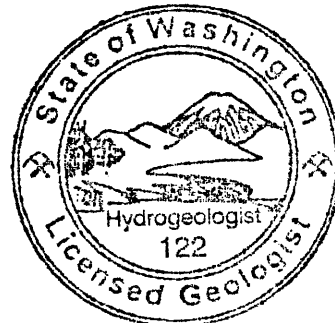
Delta appreciates the opportunity to provide environmental services for ConocoPhillips Company. Please call if you have any questions regarding the contents of this report.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Tena Seeds, E.I.T  
Project Engineer

Eric Larsen, L.H.G.  
Senior Geologist



**Eric Bruce Larsen**

**ATTACHMENTS**

- Table 1 – Analytical Results and Groundwater Elevations
- Figure 1 – Site Map with Groundwater Elevations and Petroleum Hydrocarbon and BTEX Concentrations
- Laboratory Analytical Report and Chain-of-Custody Documentation
- Groundwater Sampling Procedures and Field Sheets

cc: LUST Coordinator, Washington State Dept. of Ecology – Northwest Regional Office, Bellevue, WA

**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**  
 ConocoPhillips Site No. 255353  
 600 Westlake Avenue N.  
 Seattle, Washington

| Sample I.D.<br>TOC | Sample Date           | TPH- Gasoline (µg/l)     | TPH- Diesel (µg/l) | TPH- Oil (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl- benzene (µg/l) | Xylenes (µg/l) | DO (mg/l) | DTW (feet) | SPH (feet) | GWE (feet) |
|--------------------|-----------------------|--------------------------|--------------------|-----------------|----------------|----------------|-----------------------|----------------|-----------|------------|------------|------------|
| <b>SMW-3</b>       | 03/31/99 <sup>2</sup> | <50.0                    | 360                | <750            | <0.500         | <0.500         | 0.53                  | 4.97           | --        | 9.01       | 0.00       | --         |
| -- <sup>1</sup>    | 06/30/99 <sup>2</sup> | <50.0                    | 639                | <750            | <0.500         | 0.61           | <0.500                | 1.32           | --        | 9.55       | 0.00       | --         |
|                    | 12/08/99 <sup>2</sup> | <50.0                    | <484               | <1,450          | <0.500         | <0.500         | <0.500                | <1.00          | --        | 8.75       | 0.00       | --         |
|                    | 06/20/00 <sup>2</sup> | <50.0                    | <250               | <750            | <0.500         | 0.59           | <0.500                | 1.86           | --        | 8.89       | 0.00       | --         |
|                    | 12/19/00              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 06/15/01 <sup>2</sup> | <50.0                    | 368                | <866            | <0.500         | <0.500         | <0.500                | <1.00          | --        | 7.23       | 0.00       | --         |
|                    | 06/26/01              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/07/01 <sup>2</sup> | <50.0                    | 385                | <571            | <0.500         | <0.500         | <0.500                | <1.00          | --        | 9.19       | 0.00       | --         |
|                    | 10/10/01              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 12/28/01              | <50.0                    | 1,160              | <500            | <0.500         | 0.902          | <0.500                | 2.78           | --        | 8.89       | 0.00       | --         |
|                    | 03/08/02              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 06/24/02              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/26/02              | <100                     | <250               | <500            | 1.83           | <2.00          | <1.00                 | <1.50          | --        | 10.32      | 0.00       | --         |
|                    | 12/12/02              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 03/13/03              | <50.0                    | <250               | <500            | <0.500         | <0.500         | <0.500                | <1.00          | --        | 10.99      | 0.00       | --         |
|                    | 06/12/03              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/19/03              | <50.0                    | <287               | <575            | <0.500         | <0.500         | <0.500                | <1.00          | --        | 11.00      | 0.00       | --         |
|                    | 01/14/04              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 03/30/04              | <100                     | <119               | <238            | <1             | <1             | <1                    | <2             | 2.10      | 10.42      | 0.00       | --         |
|                    | 06/22/04              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/29/04              | 56                       | <242               | <483            | <0.50          | <0.50          | <0.50                 | <1.0           | 0.1       | 11.67      | 0.00       | --         |
| <b>MW-3</b>        | 10/10/01              | 14,100                   | 4,060              | 1,990           | 1,070          | <25.0          | 1,040                 | 292            | --        | 10.11      | 0.00       | --         |
| -- <sup>1</sup>    | 12/28/01              | 3,340                    | 1,810              | <500            | 92.6           | 4.62           | 146                   | 51.2           | --        | 9.61       | 0.00       | --         |
|                    | 03/08/02              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 06/24/02              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/26/02 <sup>3</sup> | 10,500                   | 1,820              | <500            | 326            | 14.0           | 685                   | 447            | --        | 10.96      | 0.00       | --         |
|                    | 12/12/02              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 03/13/03              | 17,200                   | 1,440              | <595            | 86.6           | 38.1           | 434                   | 798            | --        | 7.87       | 0.00       | --         |
|                    | 06/12/03              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/19/03              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 01/14/04              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 03/30/04              | 3,040                    | 1,950              | <285            | 57.1           | <5             | 24.3                  | 23.57          | 0.79      | 9.90       | 0.00       | --         |
|                    | 06/22/04              | --                       | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/29/04              | Paved over with concrete |                    |                 |                |                |                       |                | --        | NM         | NM         | --         |

**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**

ConocoPhillips Site No. 255353  
600 Westlake Avenue N.  
Seattle, Washington

| Sample I.D.<br>TOC | Sample Date           | TPH-Gasoline (µg/l) | TPH-Diesel (µg/l) | TPH-Oil (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Xylenes (µg/l) | DO (mg/l) | DTW (feet) | SPH (feet) | GWE (feet) |
|--------------------|-----------------------|---------------------|-------------------|----------------|----------------|----------------|----------------------|----------------|-----------|------------|------------|------------|
| <b>MW-32A</b>      | 03/31/99              | --                  | --                | --             | --             | --             | --                   | --             | --        | 10.47      | 0.00       | 10.23      |
| 20.70              | 06/30/99              | --                  | --                | --             | --             | --             | --                   | --             | --        | 9.60       | 0.00       | 11.10      |
|                    | 12/08/99              | --                  | --                | --             | --             | --             | --                   | --             | --        | 11.07      | 0.00       | 9.63       |
|                    | 06/20/00              | --                  | --                | --             | --             | --             | --                   | --             | --        | 11.40      | 0.00       | 9.30       |
|                    | 12/19/00 <sup>2</sup> | 7,010               | 1,740             | <750           | 4,430          | 136            | 438                  | 182            | --        | 10.90      | 0.00       | 9.80       |
|                    | 06/15/01 <sup>2</sup> | 13,700              | 2,810             | <846           | 2,370          | 11.2           | 272                  | 31.1           | --        | 11.31      | 0.00       | 9.39       |
|                    | 06/26/01 <sup>2</sup> | 15,500              | 1,620             | <750           | 8,780          | 1,110          | 1,230                | 1,020          | --        | 11.85      | 0.00       | 8.85       |
|                    | 09/07/01 <sup>2</sup> | 17,100              | 4,220             | 822            | 5,870          | 19.9           | 684                  | 110            | --        | 10.81      | 0.00       | 9.89       |
|                    | 10/10/01              | --                  | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 12/28/01              | 12,200              | 4,260             | 711            | 3,570          | 180            | 537                  | 393            | --        | 11.29      | 0.00       | 9.41       |
|                    | 03/08/02              | 16,400              | 4,140             | 769            | 4,900          | 142            | 619                  | 247            | --        | 11.49      | 0.00       | 9.21       |
|                    | 06/24/02              | 6,850               | 2,040             | 577            | 2,820          | 7.43           | 221                  | 59.1           | --        | 11.56      | 0.00       | 9.14       |
|                    | 09/26/02 <sup>3</sup> | 6,580               | 3,740             | 670            | 1,930          | 31.4           | 204                  | 89.7           | --        | 12.88      | 0.00       | 7.82       |
|                    | 12/12/02              | 6,750               | 3,530             | 528            | 1,450          | 55.6           | 229                  | 283            | --        | 12.72      | 0.00       | 7.98       |
|                    | 03/13/03              | 13,000              | 2,550             | <581           | 1,990          | 222            | 419                  | 806            | --        | 10.95      | 0.00       | 9.75       |
|                    | 06/12/03              | 17,400              | 2,730             | <500           | 4,830          | 200            | 745                  | 262            | --        | 11.92      | 0.00       | 8.78       |
|                    | 09/19/03              | 1,420               | <294              | <588           | 64.2           | 42.7           | 7.49                 | 135            | --        | 12.67      | 0.00       | 8.03       |
|                    | 01/14/04              | 1,580               | 316               | <253           | 28.9           | 4.13           | 13.1                 | 32.5           | 3.1       | 11.33      | 0.00       | 9.37       |
|                    | 03/30/04              | 7,310               | 838               | <276           | 18.3           | <10            | 209                  | 122            | 2.43      | 12.39      | 0.00       | 8.31       |
|                    | 06/22/04              | 3,330               | 1,470             | 381            | 149            | <10            | 72.5                 | 43.8           | 0.5       | 12.62      | 0.00       | 8.08       |
|                    | 09/29/04              | 330                 | <242              | <484           | 13             | 1.6            | 3.7                  | 39             | 6.1       | 9.20       | 0.00       | 11.50      |
| <b>MW-33</b>       | 03/31/99              | --                  | --                | --             | --             | --             | --                   | --             | --        | 10.38      | 0.00       | 10.37      |
| 20.75              | 06/30/99              | --                  | --                | --             | --             | --             | --                   | --             | --        | 9.52       | 0.00       | 11.23      |
|                    | 12/08/99              | --                  | --                | --             | --             | --             | --                   | --             | --        | 10.97      | 0.00       | 9.78       |
|                    | 06/20/00              | --                  | --                | --             | --             | --             | --                   | --             | --        | 11.33      | 0.00       | 9.42       |
|                    | 12/19/00              | Inaccessible        |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
|                    | 06/15/01              | LPH Present         |                   |                |                |                |                      |                | --        | 12.72      | 2.50       | 10.03      |
|                    | 06/26/01              | --                  | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 09/07/01              | LPH Present         |                   |                |                |                |                      |                | --        | NM         | 0.30       | --         |
|                    | 10/10/01              | --                  | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 12/28/01              | 141,000             | 25,200            | 2,680          | 5,360          | 32,500         | 3,410                | 22,700         | --        | 11.21      | 0.00       | 9.54       |
|                    | 03/08/02              | 126,000             | 31,400            | 3,420          | 2,660          | 21,600         | 3,420                | 24,800         | --        | 11.37      | 0.00       | 9.38       |
|                    | 06/24/02              | 205,000             | 51,700            | 14,000         | 1,510          | 14,200         | 3,770                | 28,900         | --        | 11.36      | 0.00       | 9.39       |
|                    | 09/26/02              | LPH Present         |                   |                |                |                |                      |                | --        | 12.45      | 0.10       | 8.38       |
|                    | 12/12/02              | --                  | --                | --             | --             | --             | --                   | --             | --        | 12.34      | 0.00       | 8.41       |
|                    | 03/13/03              | --                  | --                | --             | --             | --             | --                   | --             | --        | 10.59      | 0.00       | 10.16      |
|                    | 06/12/03              | 30,900              | 4,170             | <562           | 396            | 526            | 474                  | 3,890          | --        | 11.65      | Sheen      | 9.10       |
|                    | 09/19/03              | 125                 | <291              | <581           | 0.704          | <0.500         | <0.500               | 4.30           | --        | 6.70       | 0.00       | 14.05      |
|                    | 01/14/04              | 524                 | <135              | <271           | 17             | 3.7            | 7.65                 | 31             | 0.6       | 12.03      | 0.00       | 8.72       |
|                    | 03/30/04              | 2,680               | 725               | <256           | 218            | 14.7           | 53.2                 | 150.4          | 1.72      | 12.49      | 0.00       | 8.26       |
|                    | 06/22/04              | 3,500               | 1,330             | 443            | 197            | 12.1           | 99.2                 | 217.3          | 1.2       | 12.66      | 0.00       | 8.09       |
|                    | 09/29/04              | 290                 | 290               | <511           | 12             | 1.9            | 5.6                  | 22             | 7.2       | 9.60       | 0.00       | 11.15      |

**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**

ConocoPhillips Site No. 255353  
600 Westlake Avenue N.  
Seattle, Washington

| Sample I.D.<br>TOC | Sample Date           | TPH-Gasoline<br>(µg/l) | TPH-Diesel<br>(µg/l) | TPH-Oil<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Xylenes<br>(µg/l) | DO<br>(mg/l) | DTW<br>(feet) | SPH<br>(feet) | GWE<br>(feet) |
|--------------------|-----------------------|------------------------|----------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|--------------|---------------|---------------|---------------|
| <b>MW-34</b>       | 03/31/99 <sup>2</sup> | 33,400                 | 1,910                | <750              | 5,970             | 1,740             | 1,400                   | 3,820             | --           | 10.85         | 0.00          | 10.57         |
| 21.42              | 06/30/99 <sup>2</sup> | 28,500                 | 4,840                | 984               | 4,340             | 1,320             | 1,490                   | 3,610             | --           | 10.18         | 0.00          | 11.24         |
|                    | 12/08/99 <sup>2</sup> | 62,400                 | 2,500                | <1,360            | 12,900            | 7,440             | 3,240                   | 9,210             | --           | 11.33         | 0.00          | 10.09         |
|                    | 06/20/00 <sup>2</sup> | 25,000                 | <250                 | <750              | 6,360             | 480               | 2,190                   | 3,930             | --           | 11.68         | 0.00          | 9.74          |
|                    | 12/19/00              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/15/01 <sup>2</sup> | 25,800                 | 4,780                | <883              | 5,300             | 90                | 1,930                   | 2,190             | --           | 11.85         | 0.00          | 9.57          |
|                    | 06/26/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/07/01 <sup>2</sup> | 17,800                 | 4,510                | 722               | 3,540             | 44.9              | 1,510                   | 2,180             | --           | 11.86         | 0.00          | 9.56          |
|                    | 10/10/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/28/01              | 19,000                 | 8,400                | 752               | 5,320             | 1,200             | 406                     | 1,010             | --           | 11.46         | 0.00          | 9.96          |
|                    | 03/08/02              | 59,200                 | 8,550                | 661               | 7,200             | 8,610             | 2,190                   | 8,200             | --           | 11.70         | 0.00          | 9.72          |
|                    | 06/24/02              | 12,500                 | 4,200                | 614               | 2,140             | 651               | 659                     | 1,160             | --           | 11.91         | 0.00          | 9.51          |
|                    | 09/26/02 <sup>3</sup> | 13,800                 | 6,270                | <1,160            | 5,840             | 21.8              | 280                     | 87                | --           | 12.80         | 0.00          | 8.62          |
|                    | 12/12/02              | 14,500                 | 11,000               | 681               | 5,130             | 44.7              | 333                     | 224               | --           | 12.98         | 0.00          | 8.44          |
|                    | 03/13/03              | 25,600                 | 6,480                | <500              | 6,030             | 668               | 775                     | 1,130             | --           | 11.67         | 0.00          | 9.75          |
|                    | 06/12/03              | 13,000                 | 2,880                | <500              | 1,590             | 735               | 450                     | 1,360             | --           | 12.04         | 0.00          | 9.38          |
|                    | 09/19/03              | 351                    | <301                 | <602              | 9.91              | 11.7              | 6.48                    | 34.6              | --           | 12.83         | 0.00          | 8.59          |
|                    | 01/14/04              | 160                    | <122                 | <245              | 23.7              | <0.5              | 2.11                    | <1                | 0.2          | 12.00         | 0.00          | 9.42          |
|                    | 03/30/04              | 15,100                 | 1,120                | <300              | 3,060             | 238               | 564                     | 846.6             | 1.68         | 12.62         | 0.00          | 8.80          |
|                    | 06/22/04              | 6,760                  | 1,900                | <238              | 2,320             | 14.3              | 395                     | 279.8             | 0.5          | 12.88         | 0.00          | 8.54          |
|                    | 09/29/04              | 310                    | 306                  | <505              | 10                | <0.50             | 3.5                     | 8.2               | 0.4          | 11.38         | 0.00          | 10.04         |
| <b>MW-35</b>       | 03/31/99              | Obstructed by vehicle  |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
| 20.10              | 06/30/99              | Obstructed by vehicle  |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
|                    | 12/08/99              | Obstructed by vehicle  |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
|                    | 06/20/00              | Obstructed by vehicle  |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
|                    | 12/19/00              | Obstructed by vehicle  |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
|                    | 06/15/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/26/01 <sup>2</sup> | 504                    | 464                  | <750              | 11.3              | 27.5              | 5.52                    | 28.4              | --           | 10.60         | 0.00          | 9.50          |
|                    | 09/04/01 <sup>2</sup> | 263                    | 903                  | <564              | 2.36              | <0.500            | <0.500                  | <1.00             | --           | 10.54         | 0.00          | 9.56          |
|                    | 10/10/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/28/01              | 691                    | 1,160                | <500              | 28.7              | 0.898             | 14.1                    | 13.2              | --           | 10.54         | 0.00          | 9.56          |
|                    | 03/08/02              | 638                    | 1,100                | <500              | 16.2              | 0.939             | 7.05                    | 6.91              | --           | 10.72         | 0.00          | 9.38          |
|                    | 06/24/02              | Obstructed by vehicle  |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
|                    | 09/26/02b             | 555                    | 1,420                | <500              | 9.49              | <2.00             | 1.78                    | <1.50             | --           | 11.90         | 0.00          | 8.20          |
|                    | 12/12/02              | Obstructed by vehicle  |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
|                    | 03/13/03              | 13,500                 | 1,430                | <500              | 749               | 153               | 791                     | 2,160             | --           | 9.87          | 0.00          | 10.23         |
|                    | 06/12/03              | 3,930                  | 973                  | <562              | 338               | 21.2              | 49.9                    | 222               | --           | 11.91         | 0.00          | 8.19          |
|                    | 09/19/03              | 517                    | <373                 | <746              | 7.29              | 4.32              | 1.86                    | 14.6              | --           | 12.18         | 0.00          | 7.92          |
|                    | 01/14/04              | 614                    | 142                  | <256              | 1.45              | <0.5              | 0.657                   | 0.568             | 0.3          | 11.33         | 0.00          | 8.77          |
|                    | 03/30/04              | 541                    | 196                  | <257              | <1                | <1                | <1                      | <2                | 1.46         | 11.69         | 0.00          | 8.41          |
|                    | 06/22/04              | 526                    | 210                  | <238              | 1.27              | <1                | <1                      | <2                | 1.5          | 11.91         | 0.00          | 8.19          |
|                    | 09/29/04              | 250                    | 248                  | <487              | 0.50              | <0.50             | 1.1                     | 2.1               | 0.1          | 11.77         | 0.00          | 8.33          |

**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**  
 ConocoPhillips Site No. 255353  
 600 Westlake Avenue N.  
 Seattle, Washington

| Sample I.D.<br>TOC | Sample Date           | TPH-Gasoline<br>(µg/l) | TPH-Diesel<br>(µg/l) | TPH-Oil<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Xylenes<br>(µg/l) | DO<br>(mg/l) | DTW<br>(feet) | SPH<br>(feet) | GWE<br>(feet) |
|--------------------|-----------------------|------------------------|----------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|--------------|---------------|---------------|---------------|
| <b>MW-36</b>       | 03/31/99 <sup>2</sup> | <50.0                  | 321                  | <750              | 0.759             | <0.500            | <0.500                  | <1.00             | --           | 8.96          | 0.00          | 8.84          |
| 17.80              | 06/30/99 <sup>2</sup> | <50.0                  | <250                 | <750              | 1.29              | <0.500            | <0.500                  | <1.00             | --           | 8.44          | 0.00          | 9.36          |
|                    | 12/08/99 <sup>2</sup> | <50.0                  | <250                 | <750              | <0.500            | <0.500            | <0.500                  | <1.00             | --           | 10.05         | 0.00          | 7.75          |
|                    | 06/20/00 <sup>2</sup> | 172                    | <250                 | <750              | <0.500            | 0.583             | 1.78                    | 11.1              | --           | 8.47          | 0.00          | 9.33          |
|                    | 12/19/00 <sup>2</sup> | 106                    | <250                 | <750              | 0.529             | 1.51              | 1.08                    | 7.14              | --           | 9.50          | 0.00          | 8.30          |
|                    | 06/15/01 <sup>2</sup> | <50.0                  | 298                  | <750              | 0.691             | 0.648             | 0.530                   | 1.53              | --           | 8.00          | 0.00          | 9.80          |
|                    | 06/26/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/07/01 <sup>2</sup> | <50.0                  | <250                 | <500              | 0.897             | <0.500            | <0.500                  | <1.00             | --           | 8.70          | 0.00          | 9.10          |
|                    | 10/10/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/28/01              | <50.0                  | 387                  | <500              | 0.773             | 0.748             | <0.500                  | 1.78              | --           | 9.57          | 0.00          | 8.23          |
|                    | 03/08/02              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/24/02              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/26/02              | <100                   | <250                 | <500              | 0.735             | <2.00             | <1.00                   | <1.50             | --           | 10.16         | 0.00          | 7.64          |
|                    | 12/12/02              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 03/13/03              | <50.0                  | <250                 | <500              | 0.830             | <0.500            | <0.500                  | <1.00             | --           | 9.34          | 0.00          | 8.46          |
|                    | 06/12/03              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/19/03              | <50.0                  | <287                 | <575              | 1.44              | 0.561             | <0.500                  | <1.00             | --           | 10.23         | 0.00          | 7.57          |
|                    | 01/14/04              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 03/30/04              | <100                   | <133                 | <267              | <1                | <1                | <1                      | <2                | 1.10         | 9.46          | 0.00          | 8.34          |
|                    | 06/22/04              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/29/04              | <50                    | <250                 | <500              | 0.90              | <0.50             | <0.50                   | <1.0              | 0.8          | 9.78          | 0.00          | 8.02          |
| <b>MW-37</b>       | 03/31/99              | LPH Present            |                      |                   |                   |                   |                         |                   | --           | NM            | Trace         | --            |
| 21.01              | 06/30/99              | LPH Present            |                      |                   |                   |                   |                         |                   | --           | DRY           | 0.30          | --            |
|                    | 12/08/99              | --                     | --                   | --                | --                | --                | --                      | --                | --           | 11.11         | --            | 9.90          |
|                    | 06/20/00              | --                     | --                   | --                | --                | --                | --                      | --                | --           | 11.50         | --            | 9.51          |
|                    | 12/19/00              | LPH Present            |                      |                   |                   |                   |                         |                   | --           | 11.50         | 0.50          | 9.91          |
|                    | 06/15/01 <sup>2</sup> | LPH Present            |                      |                   |                   |                   |                         |                   | --           | 11.35         | 0.03          | 9.68          |
|                    | 06/26/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/07/01 <sup>2</sup> | 159,000                | 22,100               | 14,600            | 3,420             | 12,600            | 4,440                   | 27,000            | --           | 11.43         | 0.00          | 9.58          |
|                    | 10/10/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/28/01 <sup>2</sup> | LPH Present            |                      |                   |                   |                   |                         |                   | --           | 11.00         | 0.20          | 10.17         |
|                    | 03/08/02              | LPH Present            |                      |                   |                   |                   |                         |                   | --           | 11.61         | 0.40          | 9.72          |
|                    | 06/24/02              | Inaccessible           |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
|                    | 09/26/02              | --                     | --                   | --                | --                | --                | --                      | --                | --           | 12.38         | 0.00          | 8.63          |
|                    | 12/12/02              | --                     | --                   | --                | --                | --                | --                      | --                | --           | 12.35         | 0.00          | 8.66          |
|                    | 03/13/03              | --                     | --                   | --                | --                | --                | --                      | --                | --           | 11.10         | 0.00          | 9.91          |
|                    | 06/12/03              | 1,450                  | 474                  | <568              | 22.9              | 43.2              | 15.8                    | 85.5              | --           | 11.61         | 0.00          | 9.40          |
|                    | 09/19/03              | 141                    | <298                 | <595              | <0.500            | <0.500            | <0.500                  | 1.01              | --           | 11.95         | 0.00          | 9.06          |
|                    | 01/14/04              | 471                    | <127                 | <255              | 4.56              | <0.5              | 9.01                    | 27.75             | 0.5          | 12.12         | 0.00          | 8.89          |
|                    | 03/30/04              | 572                    | 180                  | <281              | 5.77              | <1                | <1                      | 1.53              | 1.50         | 12.73         | 0.00          | 8.28          |
|                    | 06/22/04              | 737                    | 487                  | 294               | 3.26              | 3.66              | 1.46                    | 14.25             | 1.0          | 12.29         | 0.00          | 8.72          |
|                    | 09/29/04              | 190                    | 419                  | <496              | <0.50             | <0.50             | 0.67                    | 1.3               | 2.0          | 10.89         | 0.00          | 10.12         |

**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**  
 ConocoPhillips Site No. 255353  
 600 Westlake Avenue N.  
 Seattle, Washington

| Sample I.D.<br>TOC | Sample Date           | TPH-Gasoline<br>(µg/l)                               | TPH-Diesel<br>(µg/l) | TPH-Oil<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Xylenes<br>(µg/l) | DO<br>(mg/l) | DTW<br>(feet) | SPH<br>(feet) | GWE<br>(feet) |
|--------------------|-----------------------|--|----------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|--------------|---------------|---------------|---------------|
| <b>MW-38</b>       | 03/31/99              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
| 16.52              | 06/30/99              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/08/99              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/20/00              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/19/00              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/15/01              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/26/01              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/07/01              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 10/10/01              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/28/01              | <50.0  | 403                  | <500              | 0.636             | 1.33              | 0.554                   | 2.59              | --           | 8.96          | 0.00          | 7.56          |
|                    | 03/08/02              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/24/02              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/26/02 <sup>3</sup> | <100   | 282                  | <500              | 0.743             | <2.00             | <1.00                   | <1.50             | --           | 8.87          | 0.00          | 7.65          |
|                    | 12/12/02              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 03/13/03              | <50.0  | <250                 | <500              | <0.500            | <0.500            | <0.500                  | <1.00             | --           | 7.84          | 0.00          | 8.68          |
|                    | 06/12/03              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/19/03              | <50.0  | <250                 | <500              | 0.704             | 1.42              | 0.722                   | 3.72              | --           | 8.90          | 0.00          | 7.62          |
|                    | 01/14/04              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 03/30/04              | <100   | <133                 | <266              | <1                | <1                | <1                      | <2                | 0.90         | 8.09          | 0.00          | 8.43          |
|                    | 06/22/04              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/29/04              | Unable to locate due to road construction activities |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
| <b>MW-40</b>       | 03/31/99              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
| 20.89              | 06/30/99              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/08/99              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/20/00              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/09/00              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/19/00              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/15/01              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/26/01              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/07/01              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 10/10/01              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/28/01              | 449  | 4,000                | 5,090             | 2.12              | 2.19              | 1.38                    | 3.88              | --           | 10.75         | 0.00          | 10.14         |
|                    | 03/08/02              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/24/02              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/26/02              | 331  | 2,810                | 3,470             | 1.92              | <2.00             | <1.00                   | <1.50             | --           | 12.69         | 0.00          | 8.20          |
|                    | 12/12/02              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 03/13/03              | 509  | 2,010                | 2,010             | <0.500            | <0.500            | 0.630                   | 1.77              | --           | 11.30         | 0.00          | 9.59          |
|                    | 06/12/03              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/19/03              | 259  | 393                  | 1,120             | 2.64              | 3.01              | 1.39                    | 6.77              | --           | 12.46         | 0.00          | 8.43          |
|                    | 01/14/04              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 03/30/04              | 627  | 863                  | 3,360             | 3.69              | <1                | <1                      | <2                | 1.71         | 11.55         | sheen         | 9.34          |
|                    | 06/22/04              | --   | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/29/04              | 390  | 32,800               | 219,000           | <0.50             | <0.50             | <0.50                   | <1.0              | 1.4          | 12.03         | sheen         | 8.86          |



**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**  
 ConocoPhillips Site No. 255353  
 600 Westlake Avenue N.  
 Seattle, Washington

| Sample I.D.<br>TOC | Sample Date           | TPH- Gasoline (µg/l)    | TPH- Diesel (µg/l) | TPH- Oil (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl- benzene (µg/l) | Xylenes (µg/l) | DO (mg/l) | DTW (feet) | SPH (feet) | GWE (feet) |
|--------------------|-----------------------|-------------------------|--------------------|-----------------|----------------|----------------|-----------------------|----------------|-----------|------------|------------|------------|
| <b>MW-42</b>       | 03/31/99              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 9.00       | 0.00       | 11.34      |
| 20.34              | 06/30/99              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 8.60       | 0.00       | 11.74      |
|                    | 12/08/99              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 8.00       | 0.00       | 12.34      |
|                    | 06/20/00              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 12/19/00              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 06/15/01              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 9.41       | 0.00       | 10.93      |
|                    | 06/26/01              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/07/01              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 9.66       | 0.00       | 10.68      |
|                    | 10/10/01              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 12/28/01              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 10.28      | 0.00       | 10.06      |
|                    | 03/08/02              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 9.75       | 0.00       | 10.59      |
|                    | 06/24/02              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/26/02              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 10.81      | 0.00       | 9.53       |
|                    | 12/12/02              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 10.89      | 0.00       | 9.45       |
|                    | 03/13/03              | --                      | --                 | --              | --             | --             | --                    | --             | --        | 9.77       | 0.00       | 10.57      |
|                    | 06/12/03              | Monitoring Discontinued |                    |                 |                |                |                       |                | --        | NM         | NM         | --         |
| <b>MW-43</b>       | 03/31/99 <sup>2</sup> | <50.0                   | 267                | <750            | 9.84           | <0.500         | 0.782                 | 2.47           | --        | 10.97      | 0.00       | 10.07      |
| 21.04              | 06/30/99 <sup>2</sup> | 146                     | 253                | <750            | 28.2           | 7.47           | 2.95                  | 17.5           | --        | 9.97       | 0.00       | 11.07      |
|                    | 12/08/99 <sup>2</sup> | <50.0                   | <250               | <750            | 20.5           | <0.500         | <0.500                | <1.00          | --        | 11.06      | 0.00       | 9.98       |
|                    | 06/20/00 <sup>2</sup> | <50.0                   | <250               | <750            | 3.79           | <0.500         | <0.500                | <1.00          | --        | 11.40      | 0.00       | 9.64       |
|                    | 12/19/00 <sup>2</sup> | 55.9                    | 253                | <749            | 2.97           | 0.948          | 0.730                 | 4.78           | --        | 11.40      | 0.00       | 9.64       |
|                    | 06/15/01 <sup>2</sup> | <50.0                   | 405                | <750            | 0.670          | <0.500         | <0.500                | 1.22           | --        | 11.32      | 0.00       | 9.72       |
|                    | 06/26/01              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/07/01 <sup>2</sup> | <50.0                   | <293               | <587            | <0.500         | <0.500         | <0.500                | <1.00          | --        | 11.46      | 0.00       | 9.58       |
|                    | 10/10/01              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 12/28/01              | 52                      | 487                | <500            | 5.61           | 1.18           | 0.558                 | 3.34           | --        | 11.17      | 0.00       | 9.87       |
|                    | 03/08/02              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 06/24/02              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/26/02 <sup>3</sup> | <100                    | 303.00             | <500            | 0.669          | <2.00          | <1.00                 | <1.50          | --        | 12.28      | 0.00       | 8.76       |
|                    | 12/12/02              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 03/13/03              | <50.0                   | <321               | <641            | 0.883          | <0.500         | <0.500                | <1.00          | --        | 11.20      | 0.00       | 9.84       |
|                    | 06/12/03              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/19/03              | <50.0                   | <291               | <581            | 1.76           | <0.500         | <0.500                | <1.00          | --        | 12.37      | 0.00       | 8.67       |
|                    | 01/14/04              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 03/30/04              | <100                    | <129               | <258            | <1             | <1             | <1                    | <2             | 1.76      | 11.95      | 0.00       | 9.09       |
|                    | 06/22/04              | --                      | --                 | --              | --             | --             | --                    | --             | --        | NM         | NM         | --         |
|                    | 09/29/04              | 180                     | <249               | <499            | 3.6            | <0.50          | <0.50                 | <1.0           | 0.1       | 12.00      | 0.00       | 9.04       |

**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**

ConocoPhillips Site No. 255353

600 Westlake Avenue N.

Seattle, Washington

| Sample I.D.<br>TOC | Sample Date           | TPH-Gasoline<br>(µg/l) | TPH-Diesel<br>(µg/l) | TPH-Oil<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Xylenes<br>(µg/l) | DO<br>(mg/l) | DTW<br>(feet) | SPH<br>(feet) | GWE<br>(feet) |
|--------------------|-----------------------|------------------------|----------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|--------------|---------------|---------------|---------------|
| <b>MW-44</b>       | 03/31/99 <sup>2</sup> | <50.0                  | <250                 | <750              | <0.500            | <0.500            | <0.500                  | <1.00             | --           | 8.18          | 0.00          | 10.55         |
| 18.73              | 06/30/99 <sup>2</sup> | <50.0                  | 393                  | <750              | <0.500            | 0.619             | <0.500                  | 1.21              | --           | 8.03          | 0.00          | 10.70         |
|                    | 12/08/99 <sup>2</sup> | <50.0                  | 281                  | <750              | <0.500            | <0.500            | <0.500                  | <1.00             | --           | 8.52          | 0.00          | 10.21         |
|                    | 06/20/00 <sup>2</sup> | <50.0                  | <250                 | <750              | <0.500            | <0.500            | <0.500                  | <1.00             | --           | 9.53          | 0.00          | 9.20          |
|                    | 12/19/00 <sup>2</sup> | 301                    | 330                  | <750              | <0.500            | 1.64              | 2.76                    | 22.1              | --           | 9.20          | 0.00          | 9.53          |
|                    | 06/15/01 <sup>2</sup> | <50.0                  | 468                  | <841              | <0.500            | <0.500            | <0.500                  | <1.00             | --           | 8.44          | 0.00          | 10.29         |
|                    | 06/26/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/07/01 <sup>2</sup> | 10,300                 | 4,250                | 849               | 1,050             | 6.97              | 945                     | 51.0              | --           | 9.48          | 0.00          | 9.25          |
|                    | 10/10/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/28/01              | 90.6                   | 823                  | <500              | 10.9              | 1.40              | 0.644                   | 4.04              | --           | 9.31          | 0.00          | 9.42          |
|                    | 03/08/02              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 06/24/02              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/26/02 <sup>3</sup> | <100                   | 1,600                | 569               | 14.2              | <2.00             | <1.00                   | <1.50             | --           | 10.79         | 0.00          | 7.94          |
|                    | 12/12/02              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 03/13/03              | 196                    | 347                  | <575              | 26.8              | <0.500            | <0.500                  | <1.00             | --           | 11.58         | 0.00          | 7.15          |
|                    | 06/12/03              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/19/03              | 156                    | <301                 | <602              | 20.2              | 0.997             | <0.500                  | 2.61              | --           | 10.97         | 0.00          | 7.76          |
|                    | 01/14/04              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 03/30/04              | <100                   | <134                 | <268              | <1                | <1                | <1                      | <2                | 1.90         | 10.01         | 0.00          | 8.72          |
|                    | 06/22/04              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 09/29/04              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
| <b>MW-45</b>       | 09/07/01 <sup>2</sup> | <50.0                  | 375                  | <606              | <0.500            | <0.500            | <0.500                  | <1.00             | --           | 9.80          | 0.00          | --            |
| -- <sup>1</sup>    | 10/10/01              | --                     | --                   | --                | --                | --                | --                      | --                | --           | NM            | NM            | --            |
|                    | 12/28/01              | 17,300                 | 2,210                | 597               | 2,130             | 73.4              | 1,330                   | 2,970             | --           | 9.03          | 0.00          | --            |
|                    | 03/08/02              | 15,500                 | 2,380                | 686               | 2,090             | 38.4              | 1,190                   | 1,650             | --           | 9.12          | 0.00          | --            |
|                    | 06/24/02              | 5,100                  | 1,920                | 761               | 1,330             | 6.39              | 451                     | 235               | --           | 9.00          | 0.00          | --            |
|                    | 09/26/02 <sup>3</sup> | 2,420                  | 1,190                | 547               | 394               | 3.41              | 204                     | 106               | --           | 10.20         | 0.00          | --            |
|                    | 12/12/02              | Obstructed by vehicle  |                      |                   |                   |                   |                         |                   | --           | NM            | NM            | --            |
|                    | 03/13/03              | 3,590                  | 2,050                | <500              | 219               | 133               | 99.4                    | 368               | --           | 8.05          | 0.00          | --            |
|                    | 06/12/03              | 10,700                 | 1,470                | <575              | 1,350             | 10.8              | 954                     | 631               | --           | 9.16          | 0.00          | --            |
|                    | 09/19/03              | 583                    | <298                 | <595              | 1.93              | 2.25              | 5.65                    | 38.6              | --           | 10.68         | 0.00          | --            |
|                    | 01/14/04              | 360                    | <118                 | <236              | 4.97              | <0.5              | 2.48                    | 1.01              | 0.4          | 10.12         | 0.00          | --            |
|                    | 03/30/04              | 303                    | 234                  | <240              | <1                | <1                | <1                      | <2                | 0.84         | 10.19         | 0.00          | --            |
|                    | 06/22/04              | 151                    | 365                  | 358               | <1                | <1                | <1                      | <2                | 0.7          | 10.34         | 0.00          | --            |
|                    | 09/29/04              | 270                    | <251                 | <503              | <0.50             | 1.5               | 0.62                    | 7.3               | 0.9          | 10.40         | 0.00          | --            |

**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**

ConocoPhillips Site No. 255353  
600 Westlake Avenue N.  
Seattle, Washington

| Sample I.D.<br>TOC | Sample Date           | TPH-Gasoline (µg/l)     | TPH-Diesel (µg/l) | TPH-Oil (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Xylenes (µg/l) | DO (mg/l) | DTW (feet) | SPH (feet) | GWE (feet) |
|--------------------|-----------------------|-------------------------|-------------------|----------------|----------------|----------------|----------------------|----------------|-----------|------------|------------|------------|
| <b>MW-46</b>       | 03/31/99              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
| 16.91              | 06/30/99              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 12/08/99              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 06/20/00              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 12/19/00              | 226                     | 277               | <750           | <0.500         | 2.18           | 2.53                 | 18.0           | --        | 12.70      | 0.00       | 4.21       |
|                    | 06/15/01 <sup>2</sup> | <50.0                   | 295               | <750           | <0.500         | <0.500         | <0.500               | 1.39           | --        | 7.19       | 0.00       | 9.72       |
|                    | 06/26/01              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 09/07/01              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 10/10/01              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 12/28/01              | Covered by asphalt      |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
|                    | 03/08/02              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 06/24/02              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 09/26/02              | Unable to locate        |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
|                    | 12/12/02              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 03/13/03              | Covered by asphalt      |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
|                    | 06/12/03              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 09/19/03              | Covered by asphalt      |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
|                    | 01/14/04              | Monitoring Discontinued |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
| <b>MW-47</b>       | 03/31/99              | --                      | --                | --             | --             | --             | --                   | --             | --        | 9.65       | 0.00       | 10.18      |
| 19.83              | 06/30/99              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 12/08/99              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 06/20/00 <sup>2</sup> | <50.0                   | <250              | <750           | <1.30          | <0.500         | <0.500               | <1.00          | --        | 10.94      | 0.00       | 8.89       |
|                    | 12/19/00 <sup>2</sup> | 1,310                   | 357               | <750           | <0.500         | 6.10           | 10.6                 | 77.3           | --        | 11.20      | 0.00       | 8.63       |
|                    | 06/15/01              | <50.0                   | 591               | <952           | 0.709          | 0.504          | <0.500               | 1.18           | --        | 10.98      | 0.00       | 8.85       |
|                    | 06/26/01              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 09/07/01 <sup>2</sup> | <50.0                   | 356               | <500           | <0.500         | <0.500         | <0.500               | <1.00          | --        | 11.14      | 0.00       | 8.69       |
|                    | 10/10/01              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 12/28/01              | 181                     | 542               | <500           | 7.64           | 1.49           | 4.79                 | 37.8           | --        | 10.90      | 0.00       | 8.93       |
|                    | 03/08/02              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 06/24/02              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 09/26/02 <sup>3</sup> | 106                     | 747               | <500           | 2.36           | <2.00          | <1.00                | <1.50          | --        | 11.85      | 0.00       | 7.98       |
|                    | 12/12/02              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 03/13/03              | 75.5                    | <284              | <568           | <0.500         | <0.500         | <0.500               | <1.00          | --        | 10.91      | 0.00       | 8.92       |
|                    | 06/12/03              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 09/19/03              | 76.8                    | <294              | <588           | 3.41           | <0.500         | <0.500               | 1.14           | --        | 12.05      | 0.00       | 7.78       |
|                    | 01/14/04              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 03/30/04              | 272                     | 262               | 980            | <1             | <1             | <1                   | <2             | 1.21      | 11.81      | 0.00       | 8.02       |
|                    | 06/22/04              | --                      | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                    | 09/29/04              | 200                     | 329               | 735            | <0.50          | <0.50          | <0.50                | <1.0           | 0.2       | 11.87      | 0.00       | 7.96       |

**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**  
 ConocoPhillips Site No. 255353  
 600 Westlake Avenue N.  
 Seattle, Washington

| Sample I.D. TOC | Sample Date           | TPH-Gasoline (µg/l)   | TPH-Diesel (µg/l) | TPH-Oil (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Xylenes (µg/l) | DO (mg/l) | DTW (feet) | SPH (feet) | GWE (feet) |
|-----------------|-----------------------|-----------------------|-------------------|----------------|----------------|----------------|----------------------|----------------|-----------|------------|------------|------------|
| <b>MW-50</b>    | 10/10/01              | 8,970                 | 2,200             | <606           | 674            | 221            | 382                  | 779            | --        | 11.11      | 0.00       | --         |
| -- <sup>1</sup> | 12/28/01              | 23,200                | 3,460             | <500           | 1,630          | 3,690          | 991                  | 4,480          | --        | 10.45      | 0.00       | --         |
|                 | 03/08/02              | Obstructed by vehicle |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
|                 | 06/24/02              | 8,290                 | 1,970             | 556            | 414            | 23             | 314                  | 2,010          | --        | 10.84      | 0.00       | --         |
|                 | 09/26/02              | Obstructed by vehicle |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
|                 | 12/12/02              | Obstructed by vehicle |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
|                 | 03/13/03              | 12,200                | 1,810             | <588           | 733            | 127            | 523                  | 1,100          | --        | 9.93       | 0.00       | --         |
|                 | 06/12/03              | 6,450                 | 1,740             | <500           | 448            | 13.7           | 299                  | 286            | --        | 11.27      | 0.00       | --         |
|                 | 09/19/03              | 4,440                 | <250              | <500           | 51.7           | 315            | 26.1                 | 462            | --        | 12.05      | 0.00       | --         |
|                 | 01/14/04              | 29,700                | 1,970             | <258           | 308            | 502            | 312                  | 6,180          | 4.1       | 11.81      | 0.00       | --         |
|                 | 03/30/04              | 3,330                 | 867               | <241           | 21.8           | <5             | 21.9                 | 226.4          | 1.69      | 11.65      | 0.00       | --         |
|                 | 06/22/04              | 2,130                 | 874               | <237           | 14.2           | 2.4            | 27.9                 | 85.11          | 1.1       | 11.79      | 0.00       | --         |
|                 | 09/29/04              | 3,600                 | 1,330             | <502           | 92             | 62             | 100                  | 520            | 0.2       | 11.71      | 0.00       | --         |
| <b>MW-51</b>    | 10/10/01              | 671                   | 11,700            | 2,150          | 10.1           | 10.4           | 7.75                 | 16.6           | --        | 11.68      | 0.00       | --         |
| -- <sup>1</sup> | 12/28/01              | 631                   | 2,170             | 3,100          | 37.0           | 75.6           | 30.4                 | 81.2           | --        | 11.20      | 0.00       | --         |
|                 | 03/08/02              | 102                   | 2,350             | 1,610          | 6.22           | 5.89           | 3.84                 | 10.4           | --        | 11.38      | 0.00       | --         |
|                 | 06/24/02              | 57.7                  | 2,650             | 1,730          | 1.28           | 1.42           | 0.699                | 2.51           | --        | 11.60      | 0.00       | --         |
|                 | 09/26/02 <sup>3</sup> | <100                  | 1,660             | 875            | 0.848          | <2.00          | <1.00                | <1.50          | --        | 12.18      | 0.00       | --         |
|                 | 12/12/02              | <50.0                 | 2,050             | 781            | <0.500         | <0.500         | <0.500               | <1.00          | --        | 12.28      | 0.00       | --         |
|                 | 03/13/03              | <50.0                 | 693               | <625           | <0.500         | <0.500         | <0.500               | <1.00          | --        | 11.05      | 0.00       | --         |
|                 | 06/12/03              | --                    | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                 | 09/19/03              | 52.4                  | <250              | <500           | 1.47           | 1.81           | 0.544                | 3.59           | --        | 12.42      | 0.00       | --         |
|                 | 01/14/04              | 73.5                  | <139              | <278           | <0.25          | 0.804          | <0.5                 | <1             | 0.4       | 11.79      | 0.00       | --         |
|                 | 03/30/04              | <100                  | 404               | 401            | <1             | <1             | <1                   | <2             | 1.56      | 12.22      | 0.00       | --         |
|                 | 06/22/04              | 104                   | 129               | <237           | <1             | <1             | <1                   | <2             | 1.2       | 12.10      | 0.00       | --         |
|                 | 09/29/04              | 150                   | <242              | <484           | <0.50          | <0.50          | <0.50                | <1.0           | 1.4       | 12.20      | 0.00       | --         |
| <b>MW-52</b>    | 10/10/01              | 13,400                | 1,460             | <582           | 1,150          | <10.0          | 827                  | 793            | --        | 10.79      | 0.00       | --         |
| -- <sup>1</sup> | 12/28/01              | 7,900                 | 1,690             | 595            | 634            | 5.87           | 509                  | 479            | --        | 10.22      | 0.00       | --         |
|                 | 03/08/02              | 10,100                | 2,790             | <602           | 814            | 6.30           | 602                  | 387            | --        | 10.42      | 0.00       | --         |
|                 | 06/24/02              | 9,820                 | 2,810             | 640            | 1,250          | <25.0          | 757                  | 448            | --        | 10.58      | 0.00       | --         |
|                 | 09/26/02 <sup>3</sup> | 6,600                 | 3,530             | <500           | 943            | 21.7           | 600                  | 284            | --        | 11.51      | 0.00       | --         |
|                 | 12/12/02              | 1,170                 | 7,350             | 638            | 120            | 0.822          | 73.9                 | 7.30           | --        | 11.61      | 0.00       | --         |
|                 | 03/13/03              | 4,540                 | 1,530             | <568           | 272            | 52.7           | 236                  | 210            | --        | 9.59       | 0.00       | --         |
|                 | 06/12/03              | --                    | --                | --             | --             | --             | --                   | --             | --        | NM         | NM         | --         |
|                 | 09/19/03              | Obstructed by vehicle |                   |                |                |                |                      |                | --        | NM         | NM         | --         |
|                 | 01/14/04              | 905                   | <126              | <252           | 16.6           | 0.532          | 39.6                 | 2.45           | 0.3       | 11.00      | 0.00       | --         |
|                 | 03/30/04              | 738                   | 462               | <253           | 16.8           | <1             | 18.4                 | 24.66          | 1.31      | 11.47      | 0.00       | --         |
|                 | 06/22/04              | 1,600                 | 593               | <248           | 161            | <10            | 70.1                 | <20            | 1.5       | 11.50      | 0.00       | --         |
|                 | 09/29/04              | 290                   | <253              | <507           | 4.9            | <0.50          | 4.8                  | 2.3            | 0.3       | 11.45      | 0.00       | --         |

**TABLE 1**  
**ANALYTICAL RESULTS AND GROUNDWATER ELEVATIONS**

ConocoPhillips Site No. 255353  
600 Westlake Avenue N.  
Seattle, Washington

| Sample I.D.<br>TOC | Sample Date | TPH-Gasoline<br>(µg/l) | TPH-Diesel<br>(µg/l) | TPH-Oil<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Xylenes<br>(µg/l) | DO<br>(mg/l) | DTW<br>(feet) | SPH<br>(feet) | GWE<br>(feet) |
|--------------------|-------------|------------------------|----------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|--------------|---------------|---------------|---------------|
| <b>MW-53</b>       | 03/13/03    | 14,000                 | 1,030                | <625              | 398               | 143               | 501                     | 1,170             | --           | 11.17         | 0.00          | --            |
| -- <sup>1</sup>    | 06/12/03    | 9,700                  | 1,370                | <500              | 553               | 197               | 431                     | 1,270             | --           | 12.05         | 0.00          | --            |
|                    | 09/19/03    | 1,470                  | <250                 | <500              | 29.3              | 6.61              | 28.5                    | 111               | --           | 12.85         | 0.00          | --            |
|                    | 01/14/04    | 2,770                  | 181                  | <264              | 173               | 3.79              | 91.7                    | 127.1             | 0.4          | 11.70         | 0.00          | --            |
|                    | 03/30/04    | 3,580                  | 686                  | <237              | 257               | 49.7              | 125                     | 204.8             | 1.28         | 12.26         | 0.00          | --            |
|                    | 06/22/04    | 4,820                  | 750                  | <240              | 363               | 85.2              | 188                     | 425               | 1.1          | 12.23         | 0.00          | --            |
|                    | 09/29/04    | 240                    | 311                  | <509              | 1.9               | <0.50             | 1.4                     | 6.7               | 1.9          | 12.60         | 0.00          | --            |

**Notes:**

µg/l = micrograms per liter

TOC = Top of casing elevation, provided by previous consultants

DTW = Depth to water

SPH = Separate-phase hydrocarbon thickness

GWE = Groundwater table elevation relative to DTW data; corrected for SPH where applicable using a specific gravity of 0.80

<n = Below the detection limit

"--" = Not analyzed, sampled, or reported

NM = Not Measured

TPH as Gasoline - Analysis by Northwest Method NWTPH-Gx

TPH as Diesel and Oil - Analysis by Northwest Method NWTPH-Dx

BTEX Compounds - Analysis by EPA Method 8020A, 8021B or 8260B

<sup>1</sup> Top of casing elevations for SM-W3, MW-3, MW-45, and MW-50 through MW-53 have not been established.

<sup>2</sup> Well was not purged prior to sample collection.

<sup>3</sup> TPH-D & TPH-O did not resemble chromatogram used for quantitation.

| MW-38    | G  | D    | O    | B     | T    | E     | X    |
|----------|--|------|------|-------|------|-------|------|
| 09/19/03 | <50.0  | <250 | <500 | 0.704 | 1.42 | 0.722 | 3.72 |
| 01/14/04 | --   | --   | --   | --    | --   | --    | --   |
| 03/30/04 | <100   | <133 | <266 | <1    | <1   | <1    | <2   |
| 06/22/04 | --   | --   | --   | --    | --   | --    | --   |
| 09/29/04 | Not accessible due to road construction activities |      |      |       |      |       |      |

| MW-36    | G     | D    | O    | B    | T     | E      | X     |
|----------|-------|------|------|------|-------|--------|-------|
| 09/19/03 | <50.0 | <287 | <575 | 1.44 | 0.561 | <0.500 | <1.00 |
| 01/14/04 | --    | --   | --   | --   | --    | --     | --    |
| 03/30/04 | <100  | <133 | <267 | <1   | <1    | <1     | <2    |
| 06/22/04 | --    | --   | --   | --   | --    | --     | --    |
| 09/29/04 | <50   | <250 | <500 | 0.90 | <0.50 | <0.50  | <1.0  |

| MW-45    | G   | D    | O    | B     | T    | E    | X    |
|----------|-----|------|------|-------|------|------|------|
| 09/19/03 | 583 | <298 | <595 | 1.93  | 2.25 | 5.65 | 38.6 |
| 01/14/04 | 360 | <118 | <236 | 4.97  | <0.5 | 2.48 | 1.01 |
| 03/30/04 | 303 | 234  | <240 | <1    | <1   | <1   | <2   |
| 06/22/04 | 151 | 365  | 358  | <1    | <1   | <1   | <1   |
| 09/29/04 | 270 | <251 | <503 | <0.50 | 1.5  | 0.62 | 7.3  |

| MW-47    | G    | D    | O    | B     | T      | E      | X    |
|----------|------|------|------|-------|--------|--------|------|
| 09/19/03 | 76.8 | <294 | <588 | 3.41  | <0.500 | <0.500 | 1.14 |
| 01/14/04 | --   | --   | --   | --    | --     | --     | --   |
| 03/30/04 | 272  | 262  | 980  | <1    | <1     | <1     | <2   |
| 06/22/04 | --   | --   | --   | --    | --     | --     | --   |
| 09/29/04 | 200  | 329  | 735  | <0.50 | <0.50  | <0.50  | <1.0 |

| MW-51    | G    | D    | O    | B     | T     | E     | X    |
|----------|------|------|------|-------|-------|-------|------|
| 09/19/03 | 52.4 | <250 | <500 | 1.47  | 1.81  | 0.544 | 3.59 |
| 01/14/04 | 73.5 | <139 | <278 | <0.25 | 0.804 | <0.5  | <1   |
| 03/30/04 | <100 | 404  | 401  | <1    | <1    | <1    | <2   |
| 06/22/04 | 104  | 129  | <237 | <1    | <1    | <1    | <1   |
| 09/29/04 | 150  | <242 | <484 | <0.50 | <0.50 | <0.50 | <1.0 |

| MW-50    | G      | D     | O    | B    | T   | E    | X     |
|----------|--------|-------|------|------|-----|------|-------|
| 09/19/03 | 4,440  | <250  | <500 | 51.7 | 315 | 26.1 | 462   |
| 01/14/04 | 29,700 | 1,970 | <258 | 308  | 502 | 312  | 6,180 |
| 03/30/04 | 3,330  | 867   | <241 | 21.8 | <5  | 21.9 | 226.4 |
| 06/22/04 | 2,130  | 874   | <237 | 14.2 | 2.4 | 27.9 | 85.11 |
| 09/29/04 | 3,600  | 1,330 | <502 | 92   | 62  | 100  | 520   |

| MW-40    | G   | D      | O       | B     | T     | E     | X    |
|----------|-----|--------|---------|-------|-------|-------|------|
| 09/19/03 | 259 | 393    | 1,120   | 2.64  | 3.01  | 1.39  | 6.77 |
| 01/14/04 | --  | --     | --      | --    | --    | --    | --   |
| 03/30/04 | 627 | 863    | 3,360   | 3.69  | <1    | <1    | <2   |
| 06/22/04 | --  | --     | --      | --    | --    | --    | --   |
| 09/29/04 | 390 | 32,800 | 219,000 | <0.50 | <0.50 | <0.50 | <1.0 |

| MW-33    | G     | D     | O    | B     | T      | E      | X     |
|----------|-------|-------|------|-------|--------|--------|-------|
| 09/19/03 | 125   | <135  | <581 | 0.704 | <0.500 | <0.500 | 4.30  |
| 01/14/04 | 524   | <135  | <271 | 17    | 3.7    | 7.65   | 31    |
| 03/30/04 | 2,680 | 725   | <256 | 218   | 14.7   | 53.2   | 150.4 |
| 06/22/04 | 3,500 | 1,330 | 443  | 197   | 12.1   | 99.2   | 217.3 |
| 09/29/04 | 290   | 290   | <511 | 12    | 1.9    | 5.6    | 22    |

| MW-53    | G     | D    | O    | B    | T     | E    | X     |
|----------|-------|------|------|------|-------|------|-------|
| 09/19/03 | 1,470 | <250 | <500 | 29.3 | 6.61  | 28.5 | 111   |
| 01/14/04 | 2,770 | 181  | <264 | 173  | 3.79  | 91.7 | 127.1 |
| 03/30/04 | 3,580 | 686  | <237 | 257  | 49.7  | 125  | 204.8 |
| 06/22/04 | 4,820 | 750  | <240 | 363  | 85.2  | 188  | 425   |
| 09/29/04 | 240   | 311  | <509 | 1.9  | <0.50 | 1.4  | 6.7   |

| MW-37    | G   | D    | O    | B      | T      | E      | X     |
|----------|-----|------|------|--------|--------|--------|-------|
| 09/19/03 | 141 | <298 | <595 | <0.500 | <0.500 | <0.500 | 1.01  |
| 01/14/04 | 471 | <127 | <255 | 4.56   | <0.5   | 9.01   | 27.75 |
| 03/30/04 | 572 | 180  | <281 | 5.77   | <1     | <1     | 1.53  |
| 06/22/04 | 737 | 487  | 294  | 3.26   | 3.66   | 1.46   | 14.25 |
| 09/29/04 | 190 | 419  | <496 | <0.50  | <0.50  | 0.67   | 1.3   |

| MW-34    | G      | D     | O    | B     | T     | E    | X     |
|----------|--------|-------|------|-------|-------|------|-------|
| 09/19/03 | 351    | <301  | <602 | 9.91  | 11.7  | 6.48 | 34.6  |
| 01/14/04 | 160    | <122  | <245 | 23.7  | <0.5  | 2.11 | <1    |
| 03/30/04 | 15,100 | 1,120 | <300 | 3,060 | 238   | 564  | 846.6 |
| 06/22/04 | 6,760  | 1,900 | <238 | 2,320 | 14.3  | 395  | 279.8 |
| 09/29/04 | 310    | 306   | <505 | 10    | <0.50 | 3.5  | 8.2   |

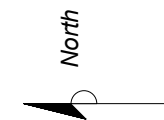
| MW-52    | G                     | D    | O    | B    | T     | E    | X     |
|----------|-----------------------|------|------|------|-------|------|-------|
| 09/19/03 | Obstructed by vehicle |      |      |      |       |      |       |
| 01/14/04 | 905                   | <126 | <252 | 16.6 | 0.532 | 39.6 | 2.45  |
| 03/30/04 | 738                   | 462  | <253 | 16.8 | <1    | 18.4 | 24.66 |
| 06/22/04 | 1,600                 | 593  | <248 | 161  | <10   | 70.1 | <20   |
| 09/29/04 | 290                   | <253 | <507 | 4.9  | <0.50 | 4.8  | 2.3   |

| MW-43    | G     | D    | O    | B    | T      | E      | X     |
|----------|-------|------|------|------|--------|--------|-------|
| 09/19/03 | <50.0 | <291 | <581 | 1.76 | <0.500 | <0.500 | <1.00 |
| 01/14/04 | --    | --   | --   | --   | --     | --     | --    |
| 03/30/04 | <100  | <129 | <258 | <1   | <1     | <1     | <2    |
| 06/22/04 | --    | --   | --   | --   | --     | --     | --    |
| 09/29/04 | 180   | <249 | <499 | 3.6  | <0.50  | <0.50  | <1.0  |

| MW-32A   | G     | D     | O    | B    | T    | E    | X    |
|----------|-------|-------|------|------|------|------|------|
| 09/19/03 | 1,420 | <294  | <588 | 64.2 | 42.7 | 7.49 | 135  |
| 01/14/04 | 1,580 | 316   | <253 | 28.9 | 4.13 | 13.1 | 32.5 |
| 03/30/04 | 7,310 | 838   | <276 | 18.3 | <10  | 209  | 122  |
| 06/22/04 | 3,330 | 1,470 | 381  | 149  | <10  | 72.5 | 43.8 |
| 09/29/04 | 330   | <242  | <484 | 13   | 1.6  | 3.7  | 39   |

| SMW-3    | G     | D    | O    | B      | T      | E      | X     |
|----------|-------|------|------|--------|--------|--------|-------|
| 09/19/03 | <50.0 | <287 | <575 | <0.500 | <0.500 | <0.500 | <1.00 |
| 01/14/04 | --    | --   | --   | --     | --     | --     | --    |
| 03/30/04 | <100  | <119 | <238 | <1     | <1     | <1     | <2    |
| 06/22/04 | --    | --   | --   | --     | --     | --     | --    |
| 09/29/04 | 56    | <242 | <483 | <0.50  | <0.50  | <0.50  | <1.0  |

| MW-44    | G    | D    | O    | B    | T     | E      | X    |
|----------|------|------|------|------|-------|--------|------|
| 09/19/03 | 156  | <301 | <602 | 20.2 | 0.997 | <0.500 | 2.61 |
| 01/14/04 | --   | --   | --   | --   | --    | --     | --   |
| 03/30/04 | <100 | <134 | <268 | <1   | <1    | <1     | <2   |
| 06/22/04 | --   | --   | --   | --   | --    | --     | --   |
| 09/29/04 | --   | --   | --   | --   | --    | --     | --   |



**LEGEND**

- MW-3 ● GROUNDWATER MONITORING WELL
- (10.12) GROUNDWATER ELEVATION, SEPTEMBER 29, 2004
- MW-2 ∅ ABANDONED OR DESTROYED GROUNDWATER MONITORING WELL
- (NM) NOT MONITORED
- G GASOLINE RANGE HYDROCARBONS (ug/l)
- D DIESEL RANGE HYDROCARBONS (ug/l)
- O OIL RANGE HYDROCARBONS (ug/l)
- B BENZENE (ug/l)
- T TOLUENE (ug/l)
- E ETHYLBENZENE (ug/l)
- X XYLENES (ug/l)
- <0.50 ANALYTE NOT DETECTED AT OR ABOVE THE LABORATORY REPORTING LIMIT OF 0.50 ug/l
- (ug/l) MICROGRAMS PER LITER
- NOT MEASURED OR ANALYZED
- \* WELL HEAD HAS NOT BEEN SURVEYED
- ➔ GROUNDWATER FLOW DIRECTION




**FIGURE 1**

**SITE MAP WITH GROUNDWATER ELEVATIONS AND PETROLEUM HYDROCARBON AND BTEX CONCENTRATIONS**

**CONOCOPHILLIPS SITE NO. 255353**  
**600 WESTLAKE AVENUE NORTH**  
**SEATTLE, WASHINGTON**

|                           |                            |
|---------------------------|----------------------------|
| PROJECT NO.<br>WA25-535-1 | DRAWN BY<br>SB 11-05-04    |
| FILE NO.<br>WA25-535-1    | PREPARED BY<br>SB 11-05-04 |
| REVISION NO.<br>0         | REVIEWED BY<br>EL          |



**LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY  
DOCUMENTATION**

Quarterly Groundwater Sampling  
ConocoPhillips Site No. 255353



# STL

RECEIVED  
OCT 26 2004  
BY: \_\_\_\_\_

STL Seattle  
5755 8<sup>th</sup> Street East  
Tacoma, WA 98424

Tel: 253 922 2310  
Fax: 253 922 5047  
[www.stl-inc.com](http://www.stl-inc.com)

## TRANSMITTAL MEMORANDUM

DATE: October 22, 2004

TO: Eric Larsen  
Delta Environmental  
17720 NE 65th Street Ste 201  
Redmond, WA 98052

PROJECT: WA25-535-1 / 255353 Seattle 600 Westlake Ave N,

REPORT NUMBER: 123995

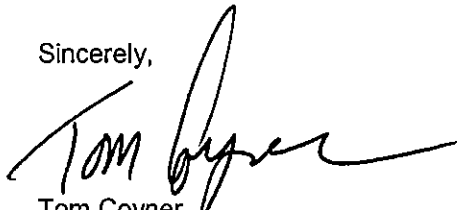
TOTAL NUMBER OF PAGES: 43

Enclosed are the test results for fifteen samples received at STL Seattle on October 1, 2004.

The report consists of this transmittal memo, analytical results, quality control reports, a copy of the chain-of-custody, a list of data qualifiers and analytical narrative when applicable, and a copy of any requested raw data.

Should there be any questions regarding this report, please contact me at (253) 922-2310.

Sincerely,



Tom Coyner  
Project Manager

---

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# STL Seattle

## Sample Identification:

| <u>Lab. No.</u> | <u>Client ID</u> | <u>Date/Time Sampled</u> | <u>Matrix</u> |
|-----------------|------------------|--------------------------|---------------|
| 123995-1        | SMW-3            | 09-29-04 16:30           | Liquid        |
| 123995-2        | MW-32A           | 09-29-04 14:15           | Liquid        |
| 123995-3        | MW-33            | 09-29-04 12:50           | Liquid        |
| 123995-4        | MW-34            | 09-29-04 15:00           | Liquid        |
| 123995-5        | MW-35            | 09-29-04 14:30           | Liquid        |
| 123995-6        | MW-36            | 09-29-04 13:30           | Liquid        |
| 123995-7        | MW-37            | 09-29-04 10:20           | Liquid        |
| 123995-8        | MW-40            | 09-29-04 11:00           | Liquid        |
| 123995-9        | MW-43            | 09-29-04 15:25           | Liquid        |
| 123995-10       | MW-45            | 09-29-04 13:45           | Liquid        |
| 123995-11       | MW-47            | 09-29-04 13:10           | Liquid        |
| 123995-12       | MW-50            | 09-29-04 12:10           | Liquid        |
| 123995-13       | MW-51            | 09-29-04 11:55           | Liquid        |
| 123995-14       | MW-52            | 09-29-04 14:40           | Liquid        |
| 123995-15       | MW-53            | 09-29-04 15:55           | Liquid        |

---

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00002

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | SMW-3               |
| Lab ID:         | 123995-01           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 93.1       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | ND            | 0.242 |       |
| Motor Oil | ND            | 0.483 |       |

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

|            |                  |            |                  |
|------------|------------------|------------|------------------|
| Prep(s):   | 5030B            | Test(s):   | 8260FAB          |
| Sample ID: | SMW-3            | Lab ID:    | 2004-10-0164-1   |
| Sampled:   | 09/29/2004 16:30 | Extracted: | 10/11/2004 18:21 |
| Matrix:    | Water            | QC Batch#: | 2004/10/11-2A.68 |

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 56    | 50     | ug/L | 1.00     | 10/11/2004 18:21 | g    |
| Benzene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 18:21 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 18:21 |      |
| Ethylbenzene          | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 18:21 |      |
| Total xylenes         | ND    | 1.0    | ug/L | 1.00     | 10/11/2004 18:21 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 102.5 | 72-128 | %    | 1.00     | 10/11/2004 18:21 |      |
| Toluene-d8            | 92.3  | 80-113 | %    | 1.00     | 10/11/2004 18:21 |      |

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/21/2004 10:35

Page 2 of 22

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-32A              |
| Lab ID:         | 123995-02           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 93.2       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | ND            | 0.242 |       |
| Motor Oil | ND            | 0.484 |       |

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

Prep(s): 5030B Test(s): 8260FAB  
 Sample ID: MW-32A Lab ID: 2004-10-0164- 2  
 Sampled: 09/29/2004 14:15 Extracted: 10/11/2004 19:18  
 Matrix: Water GC Batch#: 2004/10/11-2A.68

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 330   | 50     | ug/L | 1.00     | 10/11/2004 19:18 |      |
| Benzene               | 13    | 0.50   | ug/L | 1.00     | 10/11/2004 19:18 |      |
| Toluene               | 1.6   | 0.50   | ug/L | 1.00     | 10/11/2004 19:18 |      |
| Ethylbenzene          | 3.7   | 0.50   | ug/L | 1.00     | 10/11/2004 19:18 |      |
| Total xylenes         | 39    | 1.0    | ug/L | 1.00     | 10/11/2004 19:18 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 102.1 | 72-128 | %    | 1.00     | 10/11/2004 19:18 |      |
| Toluene-d8            | 95.4  | 80-113 | %    | 1.00     | 10/11/2004 19:18 |      |

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/21/2004 10:35

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-33               |
| Lab ID:         | 123995-03           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 98.6       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | 0.29          | 0.255 | X1    |
| Motor Oil | ND            | 0.511 |       |

X1 - Chromatogram suggests this might be overlap from gasoline range

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

Prep(s): 5030B Test(s): 8260FAB  
 Sample ID: MW-33 Lab ID: 2004-10-0164 - 3  
 Sampled: 09/29/2004 12:50 Extracted: 10/11/2004 19:37  
 Matrix: Water QC Batch#: 2004/10/11-2A.68

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 290   | 50     | ug/L | 1.00     | 10/11/2004 19:37 |      |
| Benzene               | 12    | 0.50   | ug/L | 1.00     | 10/11/2004 19:37 |      |
| Toluene               | 1.9   | 0.50   | ug/L | 1.00     | 10/11/2004 19:37 |      |
| Ethylbenzene          | 5.6   | 0.50   | ug/L | 1.00     | 10/11/2004 19:37 |      |
| Total xylenes         | 22    | 1.0    | ug/L | 1.00     | 10/11/2004 19:37 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 98.0  | 72-128 | %    | 1.00     | 10/11/2004 19:37 |      |
| Toluene-d8            | 91.9  | 80-113 | %    | 1.00     | 10/11/2004 19:37 |      |

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# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-34               |
| Lab ID:         | 123995-04           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 95.3       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | 0.306         | 0.253 | X1    |
| Motor Oil | ND            | 0.505 |       |

X1 - Chromatogram suggests this might be overlap from gasoline range



**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

Prep(s): 5030B Test(s): 8260FAB  
 Sample ID: MW-34 Lab ID: 2004-10-0164 - 4  
 Sampled: 09/29/2004 15:00 Extracted: 10/11/2004 19:56  
 Matrix: Water QC Batch#: 2004/10/11/2A68

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 310   | 50     | ug/L | 1.00     | 10/11/2004 19:56 |      |
| Benzene               | 10    | 0.50   | ug/L | 1.00     | 10/11/2004 19:56 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 19:56 |      |
| Ethylbenzene          | 3.5   | 0.50   | ug/L | 1.00     | 10/11/2004 19:56 |      |
| Total xylenes         | 8.2   | 1.0    | ug/L | 1.00     | 10/11/2004 19:56 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 100.0 | 72-128 | %    | 1.00     | 10/11/2004 19:56 |      |
| Toluene-d8            | 92.5  | 80-113 | %    | 1.00     | 10/11/2004 19:56 |      |

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# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-35               |
| Lab ID:         | 123995-05           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 104        |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | 0.248         | 0.244 | X1    |
| Motor Oil | ND            | 0.487 |       |

X1 - Chromatogram suggests this might be overlap from gasoline range

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

Prep(s): 5030B Test(s): 8260FAB  
 Sample ID: MW-35 Lab ID: 2004-10-0164-5  
 Sampled: 09/29/2004 14:30 Extracted: 10/11/2004 20:16  
 Matrix: Water QC Batch#: 2004/10/11-2A:68

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 250   | 50     | ug/L | 1.00     | 10/11/2004 20:16 |      |
| Benzene               | 0.50  | 0.50   | ug/L | 1.00     | 10/11/2004 20:16 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 20:16 |      |
| Ethylbenzene          | 1.1   | 0.50   | ug/L | 1.00     | 10/11/2004 20:16 |      |
| Total xylenes         | 2.1   | 1.0    | ug/L | 1.00     | 10/11/2004 20:16 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 106.6 | 72-128 | %    | 1.00     | 10/11/2004 20:16 |      |
| Toluene-d8            | 95.8  | 80-113 | %    | 1.00     | 10/11/2004 20:16 |      |

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-36               |
| Lab ID:         | 123995-06           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 88.3       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL   | Flags |
|-----------|---------------|------|-------|
| #2 Diesel | ND            | 0.25 |       |
| Motor Oil | ND            | 0.5  |       |

Gas/BTEX Fuel Oxygenates by 8260B

STL Seattle

Attn.: Tom Coyner

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Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

|            |                  |            |                  |
|------------|------------------|------------|------------------|
| Prep(s):   | 5080B            | Test(s):   | 8260FAB          |
| Sample ID: | MW-36            | Lab ID:    | 2004-10-0164--6  |
| Sampled:   | 09/29/2004 13:30 | Extracted: | 10/11/2004 20:35 |
| Matrix:    | Water            | QC Batch#: | 2004/10/11-2A/68 |

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | ND    | 50     | ug/L | 1.00     | 10/11/2004 20:35 |      |
| Benzene               | 0.90  | 0.50   | ug/L | 1.00     | 10/11/2004 20:35 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 20:35 |      |
| Ethylbenzene          | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 20:35 |      |
| Total xylenes         | ND    | 1.0    | ug/L | 1.00     | 10/11/2004 20:35 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 103.6 | 72-128 | %    | 1.00     | 10/11/2004 20:35 |      |
| Toluene-d8            | 93.2  | 80-113 | %    | 1.00     | 10/11/2004 20:35 |      |

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-37               |
| Lab ID:         | 123995-07           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 100        |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | 0.419         | 0.248 | X1    |
| Motor Oil | ND            | 0.496 |       |

X1 - Chromatogram suggests this might be overlap from gasoline range

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle  
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Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

|            |                  |            |                  |
|------------|------------------|------------|------------------|
| Prep(s):   | 5030B            | Test(s):   | 8260FAB          |
| Sample ID: | MW-37            | Lab ID:    | 2004-10-0164-7   |
| Sampled:   | 09/29/2004 10:20 | Extracted: | 10/11/2004 20:54 |
| Matrix:    | Water            | QC Batch#: | 2004/10/11-2A-68 |

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 190   | 50     | ug/L | 1.00     | 10/11/2004 20:54 |      |
| Benzene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 20:54 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 20:54 |      |
| Ethylbenzene          | 0.67  | 0.50   | ug/L | 1.00     | 10/11/2004 20:54 |      |
| Total xylenes         | 1.3   | 1.0    | ug/L | 1.00     | 10/11/2004 20:54 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 111.5 | 72-128 | %    | 1.00     | 10/11/2004 20:54 |      |
| Toluene-d8            | 93.8  | 80-113 | %    | 1.00     | 10/11/2004 20:54 |      |

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-40               |
| Lab ID:         | 123995-08           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 10                  |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | -          | X8    | 50              | 150  |

| Analyte   | Result (mg/L) | RL   | Flags |
|-----------|---------------|------|-------|
| #2 Diesel | 32.8          | 2.48 | X1    |
| Motor Oil | 219           | 4.96 |       |

X1 - Chromatogram suggests this might be overlap from motor oil range



**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

Prep(s): 5030B Test(s): 8260FAB  
 Sample ID: MW-40 Lab ID: 2004-10-0164-8  
 Sampled: 09/29/2004 11:00 Extracted: 10/11/2004 21:13  
 Matrix: Water QC Batch#: 2004/10/11-2A-68

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 390   | 50     | ug/L | 1.00     | 10/11/2004 21:13 |      |
| Benzene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 21:13 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 21:13 |      |
| Ethylbenzene          | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 21:13 |      |
| Total xylenes         | ND    | 1.0    | ug/L | 1.00     | 10/11/2004 21:13 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 109.3 | 72-128 | %    | 1.00     | 10/11/2004 21:13 |      |
| Toluene-d8            | 102.2 | 80-113 | %    | 1.00     | 10/11/2004 21:13 |      |

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# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-43               |
| Lab ID:         | 123995-09           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 104        |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | ND            | 0.249 |       |
| Motor Oil | ND            | 0.499 |       |



# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-45               |
| Lab ID:         | 123995-10           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 95.2       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | ND            | 0.251 |       |
| Motor Oil | ND            | 0.503 |       |

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle  
Attn.: Tom Coyner

5755 8th Street E.  
Tacoma, WA 98424  
Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

|                           |                             |
|---------------------------|-----------------------------|
| Prep(s): 5030B            | Test(s): 8260FAB            |
| Sample ID: MW-45          | Lab ID: 2004-10-0164-10     |
| Sampled: 09/29/2004 13:45 | Extracted: 10/11/2004 21:51 |
| Matrix: Water             | QC Batch#: 2004/10/11-2A-68 |

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 270   | 50     | ug/L | 1.00     | 10/11/2004 21:51 |      |
| Benzene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 21:51 |      |
| Toluene               | 1.5   | 0.50   | ug/L | 1.00     | 10/11/2004 21:51 |      |
| Ethylbenzene          | 0.62  | 0.50   | ug/L | 1.00     | 10/11/2004 21:51 |      |
| Total xylenes         | 7.3   | 1.0    | ug/L | 1.00     | 10/11/2004 21:51 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 111.8 | 72-128 | %    | 1.00     | 10/11/2004 21:51 |      |
| Toluene-d8            | 96.8  | 80-113 | %    | 1.00     | 10/11/2004 21:51 |      |

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-47               |
| Lab ID:         | 123995-11           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 86.6       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | 0.329         | 0.248 | X1    |
| Motor Oil | 0.735         | 0.496 | X2    |

X1 - Chromatogram suggests this might be overlap from motor oil range

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

|            |                  |            |                   |
|------------|------------------|------------|-------------------|
| Prep(s):   | 5030B            | Test(s):   | 8260FAB           |
| Sample ID: | MW-47            | Lab ID:    | 2004-10-0164 - 11 |
| Sampled:   | 09/29/2004 13:10 | Extracted: | 10/11/2004 22:10  |
| Matrix:    | Water            | QC Batch#: | 2004/10/11-2A:68  |

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 200   | 50     | ug/L | 1.00     | 10/11/2004 22:10 |      |
| Benzene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 22:10 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 22:10 |      |
| Ethylbenzene          | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 22:10 |      |
| Total xylenes         | ND    | 1.0    | ug/L | 1.00     | 10/11/2004 22:10 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 102.6 | 72-128 | %    | 1.00     | 10/11/2004 22:10 |      |
| Toluene-d8            | 94.9  | 80-113 | %    | 1.00     | 10/11/2004 22:10 |      |

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# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-50               |
| Lab ID:         | 123995-12           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 96.2       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | 1.33          | 0.251 | X1    |
| Motor Oil | ND            | 0.502 |       |

X1 - Chromatogram suggests this might be overlap from motor oil range



**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.  
Tacoma, WA 98424  
Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

|  |                             |
|--|-----------------------------|
| Prep(s): 5030B                                 | Test(s): 8260FAB            |
| Sample ID: MW-50                               | Lab ID: 2004-10-0164-12     |
| Sampled: 09/29/2004 12:10                      | Extracted: 10/13/2004 16:20 |
| Matrix: Water                                  | QC Batch#: 2004/10/13-1B.68 |
| Analysis Flag: o (See Legend and Note Section) |                             |

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 3600  | 500    | ug/L | 10.00    | 10/13/2004 16:20 |      |
| Benzene               | 92    | 5.0    | ug/L | 10.00    | 10/13/2004 16:20 |      |
| Toluene               | 62    | 5.0    | ug/L | 10.00    | 10/13/2004 16:20 |      |
| Ethylbenzene          | 100   | 5.0    | ug/L | 10.00    | 10/13/2004 16:20 |      |
| Total xylenes         | 520   | 10     | ug/L | 10.00    | 10/13/2004 16:20 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 108.4 | 72-128 | %    | 10.00    | 10/13/2004 16:20 |      |
| Toluene-d8            | 107.5 | 80-113 | %    | 10.00    | 10/13/2004 16:20 |      |

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-51               |
| Lab ID:         | 123995-13           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 86.8       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | ND            | 0.242 |       |
| Motor Oil | ND            | 0.484 |       |

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

|            |                  |            |                   |
|------------|------------------|------------|-------------------|
| Prep(s):   | 5030B            | Test(s):   | 8260FAB           |
| Sample ID: | MW-51            | Lab ID:    | 2004-10-0164 - 13 |
| Sampled:   | 09/29/2004 11:55 | Extracted: | 10/11/2004 22:48  |
| Matrix:    | Water            | QC Batch#: | 2004/10/11-2A:88  |

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 150   | 50     | ug/L | 1.00     | 10/11/2004 22:48 |      |
| Benzene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 22:48 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 22:48 |      |
| Ethylbenzene          | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 22:48 |      |
| Total xylenes         | ND    | 1.0    | ug/L | 1.00     | 10/11/2004 22:48 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 103.3 | 72-128 | %    | 1.00     | 10/11/2004 22:48 |      |
| Toluene-d8            | 94.9  | 80-113 | %    | 1.00     | 10/11/2004 22:48 |      |

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/21/2004 10:35

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-52               |
| Lab ID:         | 123995-14           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 91.1       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | ND            | 0.253 |       |
| Motor Oil | ND            | 0.507 |       |

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

Prep(s): 5030B Test(s): 8260FAB  
 Sample ID: MW-52 Lab ID: 2004-10-0164 - 14  
 Sampled: 09/29/2004 14:40 Extracted: 10/11/2004 23:07  
 Matrix: Water QC Batch#: 2004/10/11-2A-68

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 290   | 50     | ug/L | 1.00     | 10/11/2004 23:07 |      |
| Benzene               | 4.9   | 0.50   | ug/L | 1.00     | 10/11/2004 23:07 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 23:07 |      |
| Ethylbenzene          | 4.8   | 0.50   | ug/L | 1.00     | 10/11/2004 23:07 |      |
| Total xylenes         | 2.3   | 1.0    | ug/L | 1.00     | 10/11/2004 23:07 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 102.7 | 72-128 | %    | 1.00     | 10/11/2004 23:07 |      |
| Toluene-d8            | 99.4  | 80-113 | %    | 1.00     | 10/11/2004 23:07 |      |

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-53               |
| Lab ID:         | 123995-15           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 1                   |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 84.4       |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL    | Flags |
|-----------|---------------|-------|-------|
| #2 Diesel | 0.311         | 0.254 | X1    |
| Motor Oil | ND            | 0.509 |       |

X1 - Chromatogram suggests this might be overlap from motor oil range

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

|            |                  |            |                   |
|------------|------------------|------------|-------------------|
| Prep(s):   | 5030B            | Test(s):   | 8260FAB           |
| Sample ID: | MW-53            | Lab ID:    | 2004-10-0164 - 15 |
| Sampled:   | 09/29/2004 15:55 | Extracted: | 10/11/2004 23:26  |
| Matrix:    | Water            | QC Batch:  | 2004/10/11-2A-68  |

| Compound              | Conc. | RL     | Unit | Dilution | Analyzed         | Flag |
|-----------------------|-------|--------|------|----------|------------------|------|
| Gasoline              | 240   | 50     | ug/L | 1.00     | 10/11/2004 23:26 |      |
| Benzene               | 1.9   | 0.50   | ug/L | 1.00     | 10/11/2004 23:26 |      |
| Toluene               | ND    | 0.50   | ug/L | 1.00     | 10/11/2004 23:26 |      |
| Ethylbenzene          | 1.4   | 0.50   | ug/L | 1.00     | 10/11/2004 23:26 |      |
| Total xylenes         | 6.7   | 1.0    | ug/L | 1.00     | 10/11/2004 23:26 |      |
| <b>Surrogate(s)</b>   |       |        |      |          |                  |      |
| 1,2-Dichloroethane-d4 | 107.5 | 72-128 | %    | 1.00     | 10/11/2004 23:26 |      |
| Toluene-d8            | 98.4  | 80-113 | %    | 1.00     | 10/11/2004 23:26 |      |

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10/21/2004 10:35

# STL Seattle

|                 |                       |
|-----------------|-----------------------|
| Lab ID:         | Method Blank - DW0680 |
| Date Received:  | -                     |
| Date Prepared:  | 10/6/2004             |
| Date Analyzed:  | 10/14/2004            |
| % Solids        | -                     |
| Dilution Factor | 1                     |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | 100        |       | 50              | 150  |

| Analyte   | Result (mg/L) | RL   | Flags |
|-----------|---------------|------|-------|
| #2 Diesel | ND            | 0.25 |       |
| Motor Oil | ND            | 0.5  |       |



# STL Seattle

## Blank Spike/Blank Spike Duplicate Report

Lab ID: DW0680  
Date Prepared: 10/6/2004  
Date Analyzed: 10/14/2004  
QC Batch ID: DW0680

### Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Compound Name | Blank Result (mg/L) | Spike Amount (mg/L) | BS Result (mg/L) | BS % Rec. | BSD Result (mg/L) | BSD % Rec. | RPD  | Flag |
|---------------|---------------------|---------------------|------------------|-----------|-------------------|------------|------|------|
| #2 Diesel     | 0.053               | 5                   | 5.37             | 106       | 5.4               | 107        | 0.94 |      |
| Motor Oil     | 0.074               | 5                   | 5.56             | 110       | 5.56              | 110        | 0    |      |

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle  
Attn.: Tom Coyner

5755 8th Street E.  
Tacoma, WA 98424  
Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260FAB

Method: Blank

Water

QC Batch #: 2004/10/11-2A:68

MB: 2004/10/11-2A:68-053

Date Extracted: 10/11/2004 16:53

| Compound              | Conc. | RL     | Unit | Analyzed         | Flag |
|-----------------------|-------|--------|------|------------------|------|
| Gasoline              | ND    | 50     | ug/L | 10/11/2004 16:53 |      |
| Benzene               | ND    | 0.5    | ug/L | 10/11/2004 16:53 |      |
| Toluene               | ND    | 0.5    | ug/L | 10/11/2004 16:53 |      |
| Ethylbenzene          | ND    | 0.5    | ug/L | 10/11/2004 16:53 |      |
| Total xylenes         | ND    | 1.0    | ug/L | 10/11/2004 16:53 |      |
| <b>Surrogates(s)</b>  |       |        |      |                  |      |
| 1,2-Dichloroethane-d4 | 106.3 | 72-128 | %    | 10/11/2004 16:53 |      |
| Toluene-d8            | 96.0  | 80-113 | %    | 10/11/2004 16:53 |      |

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.  
Tacoma, WA 98424  
Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2004/10/13-01:68:044

Water

Test(s): 8260B

QC Batch # 2004/10/13-01:68

Date Extracted: 10/13/2004 14:44

| Compound              | Conc. | RL     | Unit | Analyzed         | Flag |
|-----------------------|-------|--------|------|------------------|------|
| Gasoline              | ND    | 50     | ug/L | 10/13/2004 14:44 |      |
| Benzene               | ND    | 0.5    | ug/L | 10/13/2004 14:44 |      |
| Toluene               | ND    | 0.5    | ug/L | 10/13/2004 14:44 |      |
| Ethylbenzene          | ND    | 0.5    | ug/L | 10/13/2004 14:44 |      |
| Total xylenes         | ND    | 1.0    | ug/L | 10/13/2004 14:44 |      |
| <b>Surrogates(s)</b>  |       |        |      |                  |      |
| 1,2-Dichloroethane-d4 | 113.4 | 72-128 | %    | 10/13/2004 14:44 |      |
| Toluene-d8            | 101.8 | 80-113 | %    | 10/13/2004 14:44 |      |

Severn Trent Laboratories, Inc.

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10/21/2004 10:35

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**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260FAS

Laboratory Control Spike

Water

QC Batch # 2004/10/11-2A-68

LCS: 2004/10/11-2A-68-015

Extracted: 10/11/2004

Analyzed: 10/11/2004 16:15

LCSD: 2004/10/11-2A-68-030

Extracted: 10/11/2004

Analyzed: 10/11/2004 17:30

| Compound              | Conc. ug/L |      | Exp. Conc. | Recovery % |       | RPD  | Ctrl. Limits % |      |     | Flags |      |
|-----------------------|------------|------|------------|------------|-------|------|----------------|------|-----|-------|------|
|                       | LCS        | LCSD |            | LCS        | LCSD  |      | %              | Rec. | RPD | LCS   | LCSD |
| Benzene               | 26.9       | 30.4 | 25         | 107.6      | 121.6 | 12.2 | 69-129         | 20   |     |       |      |
| Toluene               | 27.2       | 29.7 | 25         | 108.8      | 118.8 | 8.8  | 70-130         | 20   |     |       |      |
| <b>Surrogates(s)</b>  |            |      |            |            |       |      |                |      |     |       |      |
| 1,2-Dichloroethane-d4 | 491        | 462  | 500        | 98.2       | 92.4  |      | 72-128         |      |     |       |      |
| Toluene-d8            | 498        | 481  | 500        | 99.6       | 96.2  |      | 80-113         |      |     |       |      |

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10/21/2004 10:35

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle

Attn.: Tom Coyner

5755 8th Street E.

Tacoma, WA 98424

Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Laboratory Control: Spike

Water

QC Batch # 2004/10/13-0168

LCS 2004/10/13-0168-030

Extracted: 10/13/2004

Analyzed: 10/13/2004 15:30

LCSD 2004/10/13-0168-025

Extracted: 10/13/2004

Analyzed: 10/13/2004 14:25

| Compound              | Conc. ug/L |      | Exp. Conc. | Recovery % |       | RPD | Ctr. Limits % |      | Flags |     |
|-----------------------|------------|------|------------|------------|-------|-----|---------------|------|-------|-----|
|                       | LCS        | LCSD |            | LCS        | LCSD  |     | %             | Rec. | RPD   | LCS |
| Benzene               | 25.5       | 24.3 | 25.0       | 102.0      | 97.2  | 4.8 | 69-129        | 20   |       |     |
| Toluene               | 23.6       | 23.5 | 25.0       | 94.4       | 94.0  | 0.4 | 70-130        | 20   |       |     |
| <b>Surrogates(s)</b>  |            |      |            |            |       |     |               |      |       |     |
| 1,2-Dichloroethane-d4 | 479        | 492  | 500        | 95.8       | 98.4  |     | 72-128        |      |       |     |
| Toluene-d8            | 540        | 514  | 500        | 108.0      | 102.8 |     | 80-113        |      |       |     |

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10/21/2004 10:35

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle  
Attn.: Tom Coyner

5755 8th Street E.  
Tacoma, WA 98424  
Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

| Batch QC Report           |  |  |  |                       |  |                  |  |                            |  |  |  |
|---------------------------|--|--|--|-----------------------|--|------------------|--|----------------------------|--|--|--|
| Prep(s): 5030B            |  |  |  |                       |  | Test(s): 8280FAB |  |                            |  |  |  |
| Matrix Spike (.MS / MSD)  |  |  |  | Water                 |  |                  |  | QC Batch #2004/10/11-2A-68 |  |  |  |
| SMW-3 >> MS               |  |  |  |                       |  |                  |  | Lab ID: 2004-10-0164-001   |  |  |  |
| MS: 2004/10/11-2A-68-040  |  |  |  | Extracted: 10/11/2004 |  |                  |  | Analyzed: 10/11/2004 18:40 |  |  |  |
|                           |  |  |  |                       |  |                  |  | Dilution: 1.00             |  |  |  |
| MSD: 2004/10/11-2A-68-059 |  |  |  | Extracted: 10/11/2004 |  |                  |  | Analyzed: 10/11/2004 18:59 |  |  |  |
|                           |  |  |  |                       |  |                  |  | Dilution: 1.00             |  |  |  |

| Compound              | Conc. ug/L |      |        | Spk.Level ug/L | Recovery % |       |     | Limits % |     | Flags |     |
|-----------------------|------------|------|--------|----------------|------------|-------|-----|----------|-----|-------|-----|
|                       | MS         | MSD  | Sample |                | MS         | MSD   | RPD | Rec.     | RPD | MS    | MSD |
| Benzene               | 25.5       | 25.6 | ND     | 25             | 102.0      | 102.4 | 0.4 | 69-129   | 20  |       |     |
| Toluene               | 23.2       | 22.6 | ND     | 25             | 82.8       | 90.4  | 2.6 | 70-130   | 20  |       |     |
| <i>Surrogate(s)</i>   |            |      |        |                |            |       |     |          |     |       |     |
| 1,2-Dichloroethane-d4 | 476        | 485  |        | 500            | 95.2       | 97.0  |     | 72-128   |     |       |     |
| Toluene-d8            | 482        | 470  |        | 500            | 96.4       | 94.0  |     | 80-113   |     |       |     |

**Gas/BTEX Fuel Oxygenates by 8260B**

STL Seattle  
Attn.: Tom Coyner

5755 8th Street E.  
Tacoma, WA 98424  
Phone: (253) 922-2310 Fax: (253) 922-5047

Project: Conoco Phillips# 255353

Received: 10/05/2004 09:30

---

**Legend and Notes**

---

**Analysis Flag**

o

Reporting limits were raised due to high level of analyte present in the sample.

**Result Flag**

dp

Sample contains discrete peak in gasoline range.

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

**DATA QUALIFIERS AND ABBREVIATIONS**

- B1: This analyte was detected in the associated method blank. The analyte concentration was determined not to be significantly higher than the associated method blank (less than ten times the concentration reported in the blank).
- B2: This analyte was detected in the associated method blank. The analyte concentration in the sample was determined to be significantly higher than the method blank (greater than ten times the concentration reported in the blank).
- C1: Second column confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be < 40%.
- C2: Second column confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 40%. The higher result was reported unless anomalies were noted.
- C3: Second analysis confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be ≤ 30%.
- C4: Second analysis confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 30%. The original analysis was reported unless anomalies were noted.
- M: GC/MS confirmation was performed. The result derived from the original analysis was reported.
- D: The reported result for this analyte was calculated based on a secondary dilution factor.
- E: The concentration of this analyte exceeded the instrument calibration range and should be considered an estimated quantity.
- J: The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.
- MCL: Maximum Contaminant Level
- MDL: Method Detection Limit
- RL: Reporting Limit
- N: See analytical narrative
- ND: Not Detected
- X1: Contaminant does not appear to be "typical" product. Elution pattern suggests it may be \_\_\_\_\_.
- X2: Contaminant does not appear to be "typical" product.
- X3: Identification and quantitation of the analyte or surrogate was complicated by matrix interference.
- X4: RPD for duplicates was outside advisory QC limits. The sample was re-analyzed with similar results. The sample matrix may be nonhomogeneous.
- X4a: RPD for duplicates outside advisory QC limits due to analyte concentration near the method practical quantitation limit/detection limit.
- X5: Matrix spike recovery was not determined due to the required dilution.
- X6: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Sample was re-analyzed with similar results.
- X7: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Matrix interference may be indicated based on acceptable blank spike recovery and/or RPD.
- X7a: Recovery and/or RPD values for this spiked analyte outside advisory QC limits due to high concentration of the analyte in the original sample.
- X8: Surrogate recovery was not determined due to the required dilution.
- X9: Surrogate recovery outside advisory QC limits due to matrix interference.



**DATA QUALIFIERS AND ABBREVIATIONS**

- B1: This analyte was detected in the associated method blank. The analyte concentration was determined not to be significantly higher than the associated method blank (less than ten times the concentration reported in the blank).
- B2: This analyte was detected in the associated method blank. The analyte concentration in the sample was determined to be significantly higher than the method blank (greater than ten times the concentration reported in the blank).
- C1: Second column confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be < 40%.
- C2: Second column confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 40%. The higher result was reported unless anomalies were noted.
- C3: Second analysis confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be  $\leq$  30%.
- C4: Second analysis confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be > 30%. The original analysis was reported unless anomalies were noted.
- M: GC/MS confirmation was performed. The result derived from the original analysis was reported.
- D: The reported result for this analyte was calculated based on a secondary dilution factor.
- E: The concentration of this analyte exceeded the instrument calibration range and should be considered an estimated quantity.
- J: The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.
- MCL: Maximum Contaminant Level
- MDL: Method Detection Limit
- RL: Reporting Limit
- N: See analytical narrative
- ND: Not Detected
- X1: Contaminant does not appear to be "typical" product. Elution pattern suggests it may be \_\_\_\_\_.
- X2: Contaminant does not appear to be "typical" product.
- X3: Identification and quantitation of the analyte or surrogate was complicated by matrix interference.
- X4: RPD for duplicates was outside advisory QC limits. The sample was re-analyzed with similar results. The sample matrix may be nonhomogeneous.
- X4a: RPD for duplicates outside advisory QC limits due to analyte concentration near the method practical quantitation limit/detection limit.
- X5: Matrix spike recovery was not determined due to the required dilution.
- X6: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Sample was re-analyzed with similar results.
- X7: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Matrix interference may be indicated based on acceptable blank spike recovery and/or RPD.
- X7a: Recovery and/or RPD values for this spiked analyte outside advisory QC limits due to high concentration of the analyte in the original sample.
- X8: Surrogate recovery was not determined due to the required dilution.
- X9: Surrogate recovery outside advisory QC limits due to matrix interference.

# STL Seattle

|                 |                     |
|-----------------|---------------------|
| Client Name:    | Delta Environmental |
| Client ID:      | MW-40               |
| Lab ID:         | 123995-08           |
| Date Received:  | 10/1/2004           |
| Date Prepared:  | 10/6/2004           |
| Date Analyzed:  | 10/14/2004          |
| % Solids        | -                   |
| Dilution Factor | 10                  |

## Diesel and Motor Oil by NWTPH-Dx Modified with Silica Gel Cleanup

| Surrogate   | % Recovery | Flags | Recovery Limits |      |
|-------------|------------|-------|-----------------|------|
|             |            |       | Low             | High |
| o-terphenyl | -          | X8    | 50              | 150  |

| Analyte   | Result (mg/L) | RL   | Flags |
|-----------|---------------|------|-------|
| #2 Diesel | 32.8          | 2.48 | X1    |
| Motor Oil | 219           | 4.96 |       |

X1 - Chromatogram suggests this might be overlap from motor oil range

Quantitation Report (Not Reviewed)

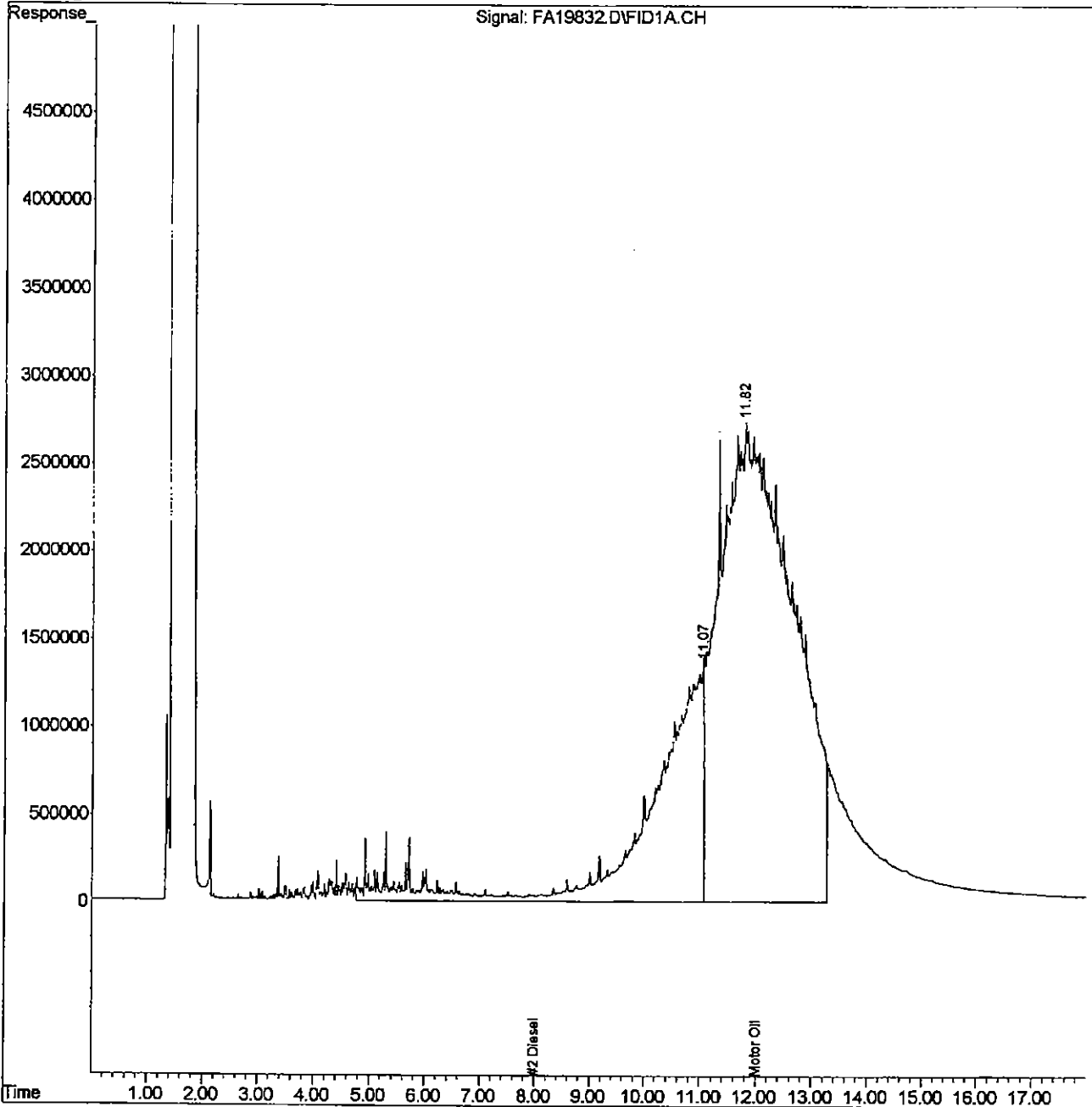
Data File : E:\DATA\101404\_A\FA19832.D  
Acq On : 10-14-2004 03:31:24 PM  
Sample : 123995-8 liquid &5 sio2 1:10  
Misc :  
IntFile : EVENTS.E  
Quant Time: Oct 15 6:43 2004

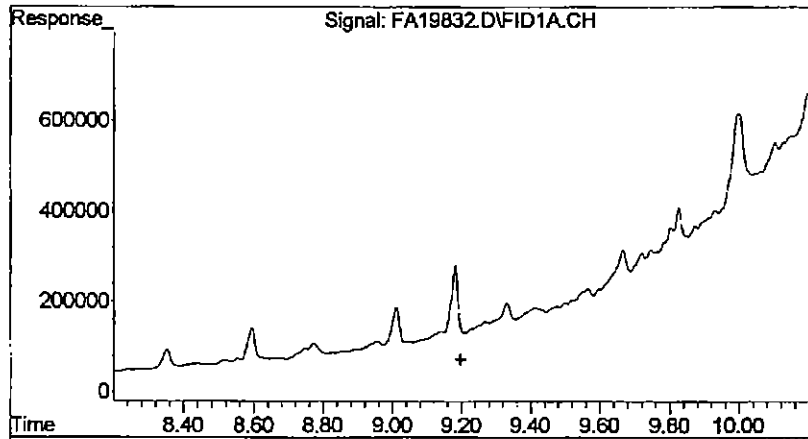
Vial: 17  
Operator: RBF  
Inst : SEA013  
Multiplr: 1.00

Quant Results File: NWDF101104.RES

Quant Method : E:\METHODS\NWDF101104.M (Chemstation Integrator)  
Title : NWTPH-Dx Front (10/11/04)  
Last Update : Tue Oct 12 06:46:22 2004  
Response via : Multiple Level Calibration  
DataAcq Meth : FACQ.M

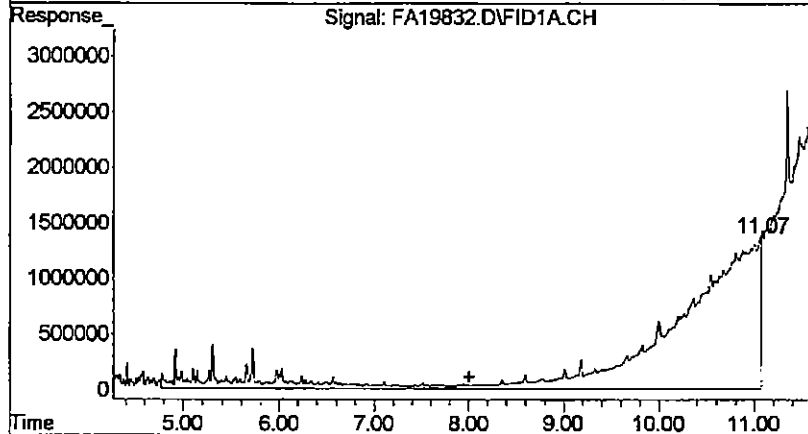
Volume Inj. :  
Signal Phase :  
Signal Info :





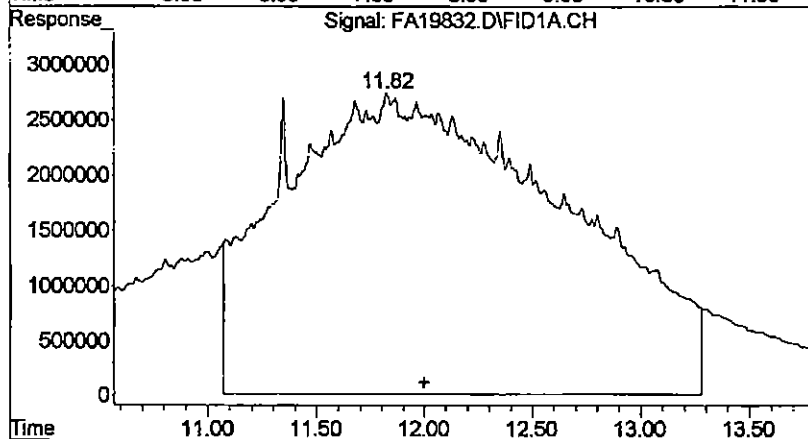
#1 o-terphenyl (S)

R.T.: 0.000 min  
 Exp R.T.: 9.198 min  
 Response: 0  
 Conc: N.D.



#2 Diesel

R.T.: 8.000 min  
 Delta R.T.: 0.000 min  
 Response: 852530677  
 Conc: 661.99 ng/ul m



#3 Motor Oil

R.T.: 12.000 min  
 Delta R.T.: 0.000 min  
 Response: 2507239132  
 Conc: 4424.46 ng/ul m

## **GROUNDWATER SAMPLING PROCEDURES AND FIELD SHEETS**

Quarterly Groundwater Sampling  
ConocoPhillips Site No. 255353

## **GROUNDWATER MONITORING AND SAMPLING**

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Before the sampling event, Delta measured depth to water in each groundwater monitoring well at the facility with an electronic water level meter. This information was recorded on waterproof field sheets. Groundwater elevations (GWE) were measured to an accuracy of 0.01 feet. Wells were sampled after purging three casing volumes of water from the well (or until dry). After the well had recharged to approximately 80% of static level, samples were collected using a disposable polyethylene bailer and placed in the appropriate laboratory-provided container. Samples were labeled, placed into ice filled coolers, logged onto chain-of-custody forms and transported to the laboratory.

DELTA PROJECT NUMBER: WA25-535-1  
 SITE No./JOB No.: 255353 Seattle  
 SITE ADDRESS/LOCATION: 6006 Westlake Ave N  
 FIELD PERSONNEL: L. Brock, Collin

CLIENT: COP  
 PAGE: 1 of 1  
 DATE: 9/29/04  
 WEATHER: \_\_\_\_\_

| Well ID         | Time            | Well Diameter (in.) | Depth to Bottom (feet) | Depth to Water (feet) | Depth to LPH (feet) | LPH Thickness (feet) | Calc. Purge (gal) | Actual Purge (gal) | Purge Method (B/L/F/P) | Dissolved Oxygen (mg/l) | Sample Appearance/Comments            |
|-----------------|-----------------|---------------------|------------------------|-----------------------|---------------------|----------------------|-------------------|--------------------|------------------------|-------------------------|---------------------------------------|
| SMW-3           | 1630            | 2                   | 16.60                  | 11.67                 | —                   | —                    | 2.5               | 2.75               | B                      | 0.1                     |                                       |
| <del>MW-3</del> | <del>1240</del> | <del>2</del>        | <del>12.00</del>       | <del>7.00</del>       | <del>—</del>        | <del>—</del>         | <del>1.7</del>    | <del>0.05</del>    | <del>—</del>           | <del>0.1</del>          | <del>Recharging</del>                 |
| MW-32A          | 1415            | 2                   | 24.20                  | 9.20                  | —                   | —                    | 7.7               | 8.0                |                        | 6.1                     | Bubbles, DTW hard to read             |
| MW-33           | 1250            | 2                   | 24.90                  | 9.60                  | —                   | —                    | 7.8               | 8.0                |                        | 7.2                     | Bubbles on probe, DTW                 |
| MW-34           | 1500            | 2                   | 25.15                  | 11.38                 | —                   | —                    | 7.0               | 7.25               |                        | 0.4                     |                                       |
| MW-35           | 1430            | 4                   | 22.60                  | 11.77                 | —                   | —                    | 5.6               | 5.75               |                        | 0.1                     |                                       |
| MW-36           | 1330            | 2                   | 18.30                  | 9.78                  | —                   | —                    | 4.3               | 4.5                |                        | 0.8                     |                                       |
| MW-37           | 1020            | 2                   | 19.22                  | 10.89                 | —                   | —                    | 4.3               | 4.5                |                        | 2.0                     | needs new well cap                    |
| MW-38           | —               | —                   | —                      | —                     | —                   | —                    | —                 | —                  | —                      | —                       | unable to locate, buried under gravel |
| MW-40           | 1100            | 2                   | 19.50                  | 12.03                 | —                   | —                    | 3.8               | 4.0                |                        | 1.4                     | HCO, sheen                            |
| MW-43           | 1525            | 2                   | 21.80                  | 12.00                 | —                   | —                    | 5.0               | 5.25               |                        | 0.1                     |                                       |
| MW-44           | —               | —                   | —                      | —                     | —                   | —                    | —                 | —                  | —                      | —                       | in street, need traffic control       |
| MW-45           | 1345            | 2                   | 18.85                  | 10.40                 | —                   | —                    | 4.3               | 4.5                |                        | 0.9                     |                                       |
| MW-47           | 1310            | 2                   | 19.25                  | 11.87                 | —                   | —                    | 3.8               | 4.0                |                        | 0.2                     |                                       |
| MW-50           | 1210            | 2                   | 17.45                  | 11.71                 | —                   | —                    | 2.9               | 3.0                |                        | 0.2                     |                                       |
| MW-51           | 1155            | 2                   | 15.30                  | 12.20                 | —                   | —                    | 1.6               | 0.5                |                        | 1.4                     | Purge dry @ 0.5 gal, HCO              |
| MW-52           | 1440            | 2                   | 17.90                  | 11.45                 | —                   | —                    | 3.3               | 3.5                |                        | 0.3                     |                                       |
| MW-53           | 1555            | 2                   | 16.00                  | 12.60                 | —                   | —                    | 1.7               | 2.0                |                        | 1.9                     |                                       |

System Instructions:

Remedial System On-Site (Y/N)? Y Comments: \_\_\_\_\_

Operational Upon Arrival (Y/N)? Y Comments: \_\_\_\_\_

Shut Down System 1/24 hours before gauging (Y/N)? NA Time/Date Downed: NA

Re-Start System (Y/N)? NA Time/Date Restarted: NA

Purge Method: Bailer Comments: \_\_\_\_\_

Purge Water Disposal Method:

Treated through mobile carbon treatment unit and discharged on-site

Placed in drums on site No. of drums: \_\_\_\_\_

Transported off-site for treatment Facility/Location: \_\_\_\_\_

Measuring Device(s): DO, WLI

\* MW-3 paved over, in dumpster enclosure