RO 482

Shaw™ Shaw Environmental, Inc.
4005 Port Chicago Hwy
Concord, California 94520



Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Report Transmittal**
**Quarterly Report**
**Third Quarter – 2005**
**76 Service Station No. 7176**
**7850 Amador Valley Blvd.**
**Dublin, CA**

Dear Mr. Hwang:

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

If you have any questions or need additional information, please call me at (916) 558-7609.

Sincerely,

**Shelby Suzanne Lathrop**
Project Manager
Shaw Environmental, Inc.
Approved service provider of ConocoPhillips -Risk Management & Remediation
Cell: 707-592-1146

Client Contact Information:
**ConocoPhillips**
76 Broadway
Sacramento, California 95818
Client office: 916-558-7609
Client fax: 916-558-7639

Attachment
cc: Myron Smith, ConocoPhillips

6602 Owens Dr. Suite 100
Pleasanton, California 94588
www.atc-enviro.com
925.460.5300
Fax 925.463.2559

September 30, 2005

Mr. Don Hwang
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502

**Re: Quarterly Summary Report – Third Quarter 2005**
76 Service Station No. 7176/WNO 1635
7850 Amador Valley Blvd.
Dublin, CA

Dear Mr. Don Hwang:

On behalf of ConocoPhillips Company, ATC Associates Inc. is forwarding the quarterly summary report for the above referenced facility.

Sincerely,
**ATC ASSOCIATES INC.**

David A. Evans for
Senior Project Manager

Janine Weber-Band, PhD, CEG #2286
Senior Geologist

Attachment: Site Plan
Quarterly Monitoring Report prepared by TRC Solutions

Cc: Ms Shelby Lathrop – ConocoPhillips

# QUARTERLY SUMMARY REPORT
## Third Quarter 2005

76 Service Station No. 7176
7850 Amador Valley Road
Dublin, California

City/County ID#: ACHCS #RO0000482
County: Alameda



## PREVIOUS ASSESSMENT

November 1994 - Unocal Corporation (Unocal) replaced the fuel underground storage tanks (USTs) and removed the used-oil UST and associated product piping. An oil/water separator was also decommissioned. No holes or signs of leakage were observed in the fuel USTs, however, eight holes up to 0.5 inches in diameter were observed in the used oil UST.

October 1995 - Six soil borings (B1 through B6) and three onsite monitor wells (U1 through U3) were completed.

March 1998 - Tosco Marketing Company (Tosco, now ConocoPhillips) performed an off-site soil and groundwater investigation that included the installation of two offsite groundwater monitoring wells (MW4 and MW5).

June 2001 - The *Addendum to Request and Work Plan for Case Closure* was completed.

November 2004 – Four soil borings (SB-1 through SB-4) were completed. The site data is documented in the December 10, 2004 *Limited Phase II Environmental Site Assessment* report. Based on report findings, residual concentrations of TPHd (7.1 mg/kg) were detected in the vicinity of SB-3. Dissolved hydrocarbon concentrations were detected in each soil boring with the exception of SB-4. Maximum concentrations were detected as follows: TPHd (1,100 ug/l in SB-1), TPHg (9,700 ug/l in SB-3) and MtBE (3.0 ug/l in SB-1). Benzene was not detected above the laboratory detection limit of 2.5 ug/l.

January 2005 – ATC became the new site lead consultant.

## SENSITIVE RECEPTORS

August 2000 - A *Request and Work Plan for Case Closure* was submitted that presented results of a groundwater receptor survey, risk-based corrective action Tier II analysis and requested environmental closure. No active groundwater production wells were positively identified within the survey radius during the agency or field groundwater receptor surveys.

## GROUNDWATER MONITORING AND SAMPLING

This site is on a semi-annual monitoring program. During the most recent groundwater monitoring event, conducted on July 8, 2005, depth to groundwater ranged from 13.24 feet (MW-5) to 15.57 feet (U-3) below top of casing (TOC). The groundwater flow direction was toward the southwest at a gradient of 0.004 ft/ft, consistent with historic events. During the July 2005 sampling event, maximum detectable hydrocarbon concentrations were as follows: TPPH (3,000 ug/l in U-2), TPHd (1,300 ug/l in U-2), benzene (0.56 ug/L in U-2), and MtBE (5.0 ug/l in U-2).

## REMEDIATION STATUS

Approximately 5,000 gallons of groundwater were removed from the fuel UST cavity during the 1994 UST replacement activities. A total of 15,511 gallons of groundwater have been removed historically from the site through periodic groundwater purging of the UST cavity. Approximately 1,863 tons of hydrocarbon-impacted soil were excavated and removed from the site during the 1994 UST replacement activities.

## CHARACTERIZATION STATUS

The soil impact beneath the site is limited to a small area surrounding the UST cavity and dispenser islands. Groundwater beneath the site is delineated with the exception of TPHg and TPHd concentrations in MW4. These concentrations have shown a decreasing trend since 2001, however the TPH plume is not stable at this time.

## RECENT CORRESPONDENCE

No correspondence was sent this reporting period.

## THIS QUARTER ACTIVITIES (Third Quarter 2005)

ATC discussed site Path Forward plans and requirements for closure with regulatory agency contacts based on current and historic data. Further information is pending from the Alameda County Health Care Services to develop a closure plan.

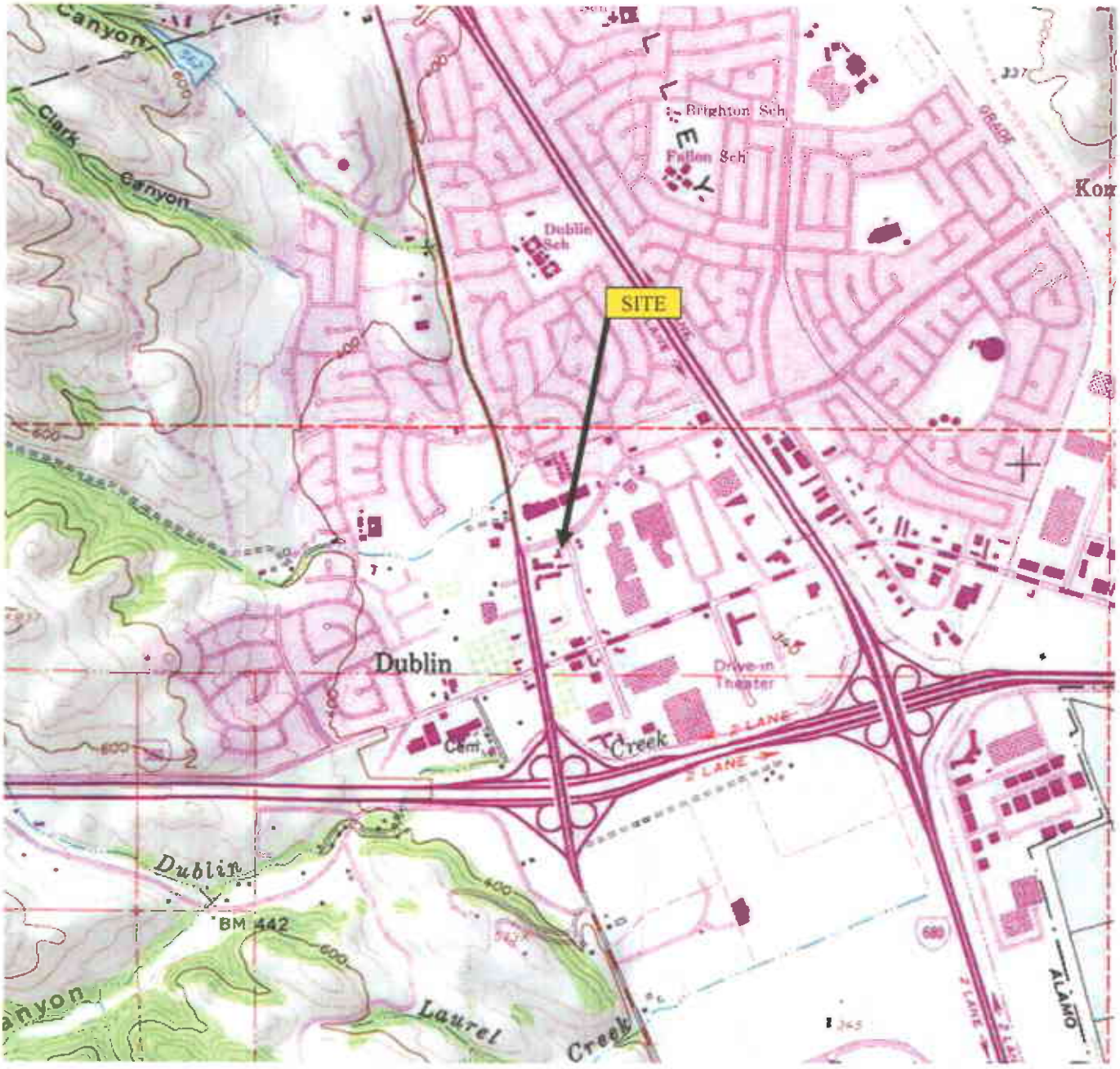
## WASTE DISPOSAL SUMMARY

No waste was generated this quarter.

## NEXT QUARTER ACTIVITIES (Fourth Quarter 2005)

Discuss site closure strategy with the Alameda County Health Care Services.

**CONSULTANT:** ATC Associates Inc.




0 .5 1 MILE

0 1000 FEET 0 500 1000 METERS

**SOURCE**: USGS OAKLAND WEST QUADRANGLE, CALIFORNIA (7.5 MINUTE SERIES) TOPOGRAPHIC MAP. OBTAINED FROM THE 2000 NATIONAL GEOGRAPHIC TOPO! SOFTWARE.

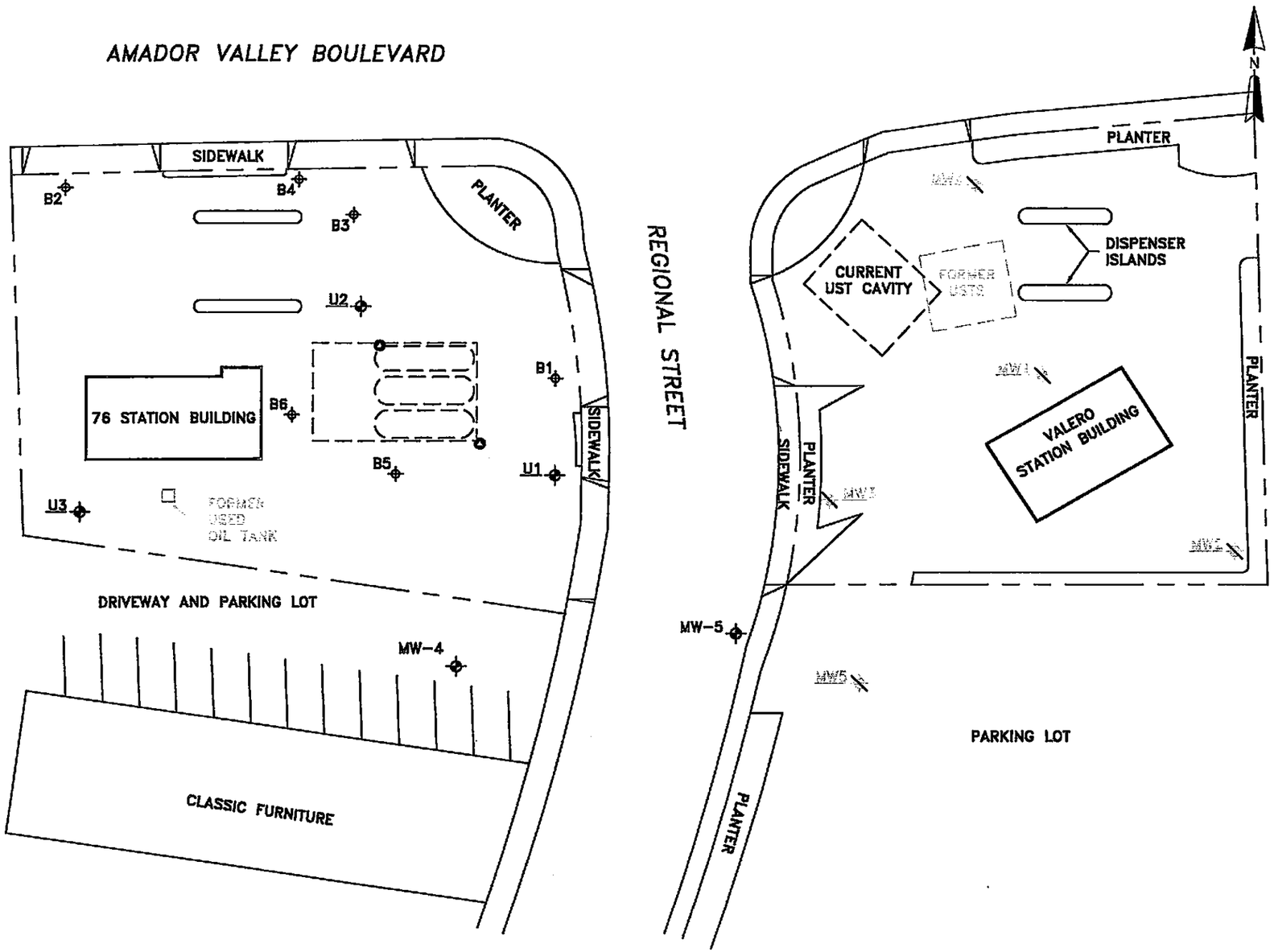
VATC ASSOCIATES INC
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

| | | |
|---|---|---|
| PROJECT NO: 75.75118.1635 | | |
| DESIGNED BY: DE | SCALE:N/A | REVIEWED BY: DE |
| DRAWN BY: EC | DATE: 03/05 | FILE: 7176 SITE VIC |

FIGURE 1

## SITE VICINITY MAP

76 STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA




## LEGEND

- MW-4/U3 — GROUNDWATER MONITORING WELL
- B6 — SOIL BORING
- CONDUCTOR CASING LOCATION
- MW-4 — ABANDONED GROUNDWATER MONITORING WELL
- UNDERGROUND STORAGE TANK
- DISPENSER ISLAND
- PROPERTY LINE

Approximate Scale

40 0 40 feet

Subject to Surveyors verification

BASE MAP REFERENCE:
MODIFIED FROM SITE PLAN SUPPLIED BY
MILLER BROOKS, ENVIRONMENTAL, INC.

VATC ASSOCIATES INC.
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

| SCALE | DRAWING DATE | ACAD FILE |
|---|---|---|
| AS SHOWN | 03/28/05 | 7176-site plan |

# SITE MAP

| CLIENT | | PM |
|---|---|---|
| CONOCOPHILLIPS | | DAE |
| LOCATION: 76 STATION 7176<br>7850 AMADOR VALLEY BOULEVARD<br>DUBLIN, CALIFORNIA | | PE: DA |
| DESIGNED | DRAWN BY: EC | PROJECT NO. 75.75118.1635 / FIGURE 2 |

TRC

*Customer-Focused Solutions*

September 12, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MRS. SHELBY LATHROP

SITE: 76 STATION 7176
7850 AMADOR VALLEY BLVD.
DUBLIN, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2005

Dear Mrs. Lathrop:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 7176, located at 7850 Amador Valley Blvd., Dublin, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan for
QMS Operations Manager

CC: Mr. Dave Evans, ATC Associates Inc. (3 copies)

Enclosures
20-0400/7176R03.QMS

21 Technology Drive • Irvine, California 92618
Telephone 949-727-9336 • Fax 949-727-7399

TRC

*Customer-Focused Solutions*

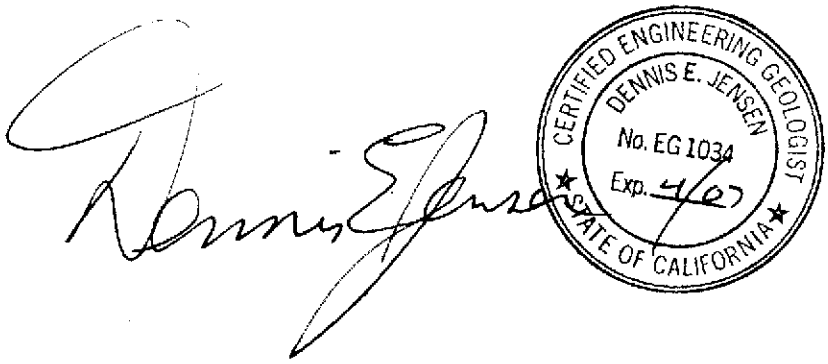
# SEMI-ANNUAL MONITORING REPORT
# APRIL THROUGH SEPTEMBER 2005

76 STATION 7176
7850 Amador Valley Blvd.
Dublin, California

Prepared For:

Ms. Shelby Lathrop
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:




Senior Project Geologist, Irvine Operations
September 1, 2005

21 Technology Drive • Irvine, California 92618
Telephone 949-727-9336 • Fax 949-727-7399

| LIST OF ATTACHMENTS | |
|---|---|
| Summary Sheet | Summary of Gauging and Sampling Activities |
| Tables | Table Key<br>Table 1: Current Fluid Levels and Selected Analytical Results<br>Table 2: Historic Fluid Levels and Selected Analytical Results<br>Table 3: Additional Analytical Results |
| Figures | Figure 1: Vicinity Map<br>Figure 2: Groundwater Elevation Contour Map<br>Figure 3: Dissolved-Phase TPPH Concentration Map<br>Figure 4: Dissolved-Phase Benzene Concentration Map<br>Figure 5: Dissolved-Phase MTBE Concentration Map<br>Figure 6: Dissolved-Phase TPH-D Concentration Map |
| Graphs | Groundwater Elevations vs. Time<br>Benzene Concentrations vs. Time<br>MTBE Concentrations vs. Time |
| Field Activities | General Field Procedures<br>Groundwater Sampling Field Notes |
| Laboratory Reports | Official Laboratory Reports<br>Quality Control Reports<br>Chain of Custody Records |
| Statements | Purge Water Disposal<br>Limitations |

**Summary of Gauging and Sampling Activities**
**April 2005 through September 2005**
**76 Station 7176**
**7850 Amador Valley Blvd.**
**Dublin, CA**

Project Coordinator: **Shelby Lathrop** Water Sampling Contractor: ***TRC***
Telephone: **916-558-7609** Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **07/08/05**

## Sample Points

Groundwater wells: **3** onsite, **2** offsite Wells gauged: **5** Wells sampled: **5**
Purging method: **Diaphragm pump/bailer**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

## Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

## Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **13.24 feet** Maximum: **15.57 feet**
Average groundwater elevation (relative to available local datum): **342.26 feet**
Average change in groundwater elevation since previous event: **0.46 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.004 ft/ft, southeast**
Previous event: **0.003 ft/ft, southeast (01/11/05)**

## Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **0**
Maximum reported benzene concentration: **0.56 µg/l (U-2)**

Wells with **MTBE** **3** Maximum: **5.0 µg/l (U-2)**
Wells with **TPPH 8260B** **3** Maximum: **3,100 µg/l (U-1)**

## Notes:

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

# TABLES

# TABLE KEY

STANDARD ABREVIATIONS

| | | |
|---|---|---|
| -- | = | not analyzed, measured, or collected |
| LPH | = | liquid-phase hydrocarbons |
| Trace | = | less than 0.01 foot of LPH in well |
| µg/l | = | micrograms per liter (approx. equivalent to parts per billion, ppb) |
| mg/l | = | milligrams per liter (approx. equivalent to parts per million, ppm) |
| ND< | = | not detected at or above laboratory detection limit |
| TOC | = | top of casing (surveyed reference elevation) |

ANALYTES

| | | |
|---|---|---|
| BTEX | = | benzene, toluene, ethylbenzene, and (total) xylenes |
| DIPE | = | di-isopropyl ether |
| ETBE | = | ethyl tertiary butyl ether |
| MTBE | = | methyl tertiary butyl ether |
| PCB | = | polychlorinated biphenyls |
| PCE | = | tetrachloroethene |
| TBA | = | tertiary butyl alcohol |
| TCA | = | trichloroethane |
| TCE | = | trichloroethene |
| TPH-G | = | total petroleum hydrocarbons with gasoline distinction |
| TPH-D | = | total petroleum hydrocarbons with diesel distinction |
| TPPH | = | total purgeable petroleum hydrocarbons |
| TRPH | = | total recoverable petroleum hydrocarbons |
| TAME | = | tertiary amyl methyl ether |
| 1,1-DCA | = | 1,1-dichloroethane |
| 1,2-DCA | = | 1,2-dichloroethane (same as EDC, ethylene dichloride) |
| 1,1-DCE | = | 1,1-dichloroethene |
| 1,2-DCE | = | 1,2-dichloroethene (cis- and trans-) |

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for site 76 Station 7176 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

**Table 1**

**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 8, 2005**

**76 Station 7176**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-4** | | **(Screen Interval in feet: 10.0-25.0)** | | | | | | | | | | | | | |
| 07/08/05 | 356.41 | 14.33 | 0.00 | 342.08 | 0.50 | -- | 120 | 67 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 0.60 | |
| D 07/08/05 | 356.41 | 14.33 | 0.00 | 342.08 | 0.50 | -- | -- | 67 | -- | -- | -- | -- | -- | -- | |
| **MW-5** | | **(Screen Interval in feet: 10.0-25.0)** | | | | | | | | | | | | | |
| 07/08/05 | 355.03 | 13.24 | 0.00 | 341.79 | 0.50 | -- | ND<50 | 220 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| D 07/08/05 | 355.03 | 13.24 | 0.00 | 341.79 | 0.50 | -- | -- | ND<50 | -- | -- | -- | -- | -- | -- | |
| **U-1** | | **(Screen Interval in feet: 10.0-30.0)** | | | | | | | | | | | | | |
| 07/08/05 | 355.59 | 13.26 | 0.00 | 342.33 | 0.65 | -- | 3100 | 1300 | ND<0.50 | ND<0.50 | 4.3 | ND<1.0 | -- | 2.2 | |
| **U-2** | | **(Screen Interval in feet: 10.0-30.0)** | | | | | | | | | | | | | |
| 07/08/05 | 356.55 | 13.97 | 0.00 | 342.58 | 0.62 | -- | 3000 | 1100 | 0.56 | 1.9 | 3.0 | 3.2 | -- | 5.0 | |
| D 07/08/05 | 356.55 | 13.97 | 0.00 | 342.58 | 0.62 | -- | -- | 960 | -- | -- | -- | -- | -- | -- | |
| **U-3** | | **(Screen Interval in feet: 10.0-30.0)** | | | | | | | | | | | | | |
| 07/08/05 | 358.09 | 15.57 | 0.00 | 342.52 | 0.53 | -- | ND<50 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 1995 Through July 2005**

**76 Station 7176**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-4** | **(Screen Interval in feet: 10.0-25.0)** | | | | | | | | | | | | | | |
| 04/23/98 | 356.41 | 12.11 | 0.00 | 344.30 | -- | 2500 | -- | -- | 5.9 | 6.4 | 16 | 31 | ND | -- | |
| 07/08/98 | 356.41 | 13.70 | 0.00 | 342.71 | -1.59 | 1000 | -- | 1400 | ND | ND | ND | ND | ND | -- | |
| 10/05/98 | 356.41 | 15.18 | 0.00 | 341.23 | -1.48 | 890 | -- | -- | ND | ND | ND | 14 | ND | -- | |
| 01/04/99 | 356.41 | 16.39 | 0.00 | 340.02 | -1.21 | 230 | -- | 71 | 0.56 | 1.3 | 1.4 | 1.8 | 10 | -- | |
| D 01/04/99 | 356.41 | 16.39 | 0.00 | 340.02 | -1.21 | -- | -- | 71 | -- | -- | -- | -- | -- | -- | |
| 04/05/99 | 356.41 | 14.61 | 0.00 | 341.80 | 1.78 | 620 | -- | 340 | ND | 1.8 | 2.1 | ND | 6 | 9.3 | |
| D 04/05/99 | 356.41 | 14.61 | 0.00 | 341.80 | 1.78 | -- | -- | 210 | -- | -- | -- | -- | -- | -- | |
| 07/01/99 | 356.41 | 15.43 | 0.00 | 340.98 | -0.82 | 700 | -- | 260 | 2.1 | ND | 1.9 | 2.4 | ND | 21 | |
| D 07/01/99 | 356.41 | 15.43 | 0.00 | 340.98 | -0.82 | -- | -- | 310 | -- | -- | -- | -- | -- | -- | |
| 09/30/99 | 356.41 | 16.27 | 0.00 | 340.14 | -0.84 | 582 | -- | 420 | 2.6 | 1.30 | 1.98 | ND | 23.1 | 22.5 | |
| D 09/30/99 | 356.41 | 16.27 | 0.00 | 340.14 | -0.84 | -- | -- | 220 | -- | -- | -- | -- | -- | -- | |
| 01/03/00 | 356.41 | 17.50 | 0.00 | 338.91 | -1.23 | 800 | -- | 250 | 4.2 | 4.6 | 3.3 | 11 | 31 | 17 | |
| D 01/03/00 | 356.41 | 17.50 | 0.00 | 338.91 | -1.23 | -- | -- | 260 | -- | -- | -- | -- | -- | -- | |
| 04/04/00 | 356.41 | 13.91 | 0.00 | 342.50 | 3.59 | 710 | -- | 460 | 2 | 1.3 | 4.4 | 2.0 | 21 | 22 | |
| D 04/04/00 | 356.41 | 13.91 | 0.00 | 342.50 | 3.59 | -- | -- | 340 | -- | -- | -- | -- | -- | -- | |
| 07/14/00 | 356.41 | 15.58 | 0.00 | 340.83 | -1.67 | 490 | -- | 220 | 0.89 | 1.3 | 0.85 | 1.8 | 21 | 12 | |
| D 07/14/00 | 356.41 | 15.58 | 0.00 | 340.83 | -1.67 | -- | -- | 76 | -- | -- | -- | -- | -- | -- | |
| 10/27/00 | 356.41 | 16.96 | 0.00 | 339.45 | -1.38 | 598 | -- | 160 | ND | 1.56 | 4.65 | ND | 15.4 | 14 | |
| D 10/27/00 | 356.41 | 16.96 | 0.00 | 339.45 | -1.38 | -- | -- | 120 | -- | -- | -- | -- | -- | -- | |
| 01/08/01 | 356.41 | 16.64 | 0.00 | 339.77 | 0.32 | 522 | -- | -- | 4.09 | 1.69 | 2.53 | 1.26 | 17.2 | 14.3 | |
| 04/03/01 | 356.41 | 15.46 | 0.00 | 340.95 | 1.18 | 575 | -- | 180 | ND | ND | ND | ND | 14.0 | 11.6 | |
| D 04/03/01 | 356.41 | 15.46 | 0.00 | 340.95 | 1.18 | -- | -- | ND | -- | -- | -- | -- | -- | -- | |
| 07/06/01 | 356.41 | 16.63 | 0.00 | 339.78 | -1.17 | 720 | -- | 230 | 4.7 | 1.5 | 2.5 | 0.74 | 10 | 7.1 | |
| D 07/06/01 | 356.41 | 16.63 | 0.00 | 339.78 | -1.17 | -- | -- | 200 | -- | -- | -- | -- | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 1995 Through July 2005**

**76 Station 7176**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-4 continued** | | | | | | | | | | | | | | | |
| 10/05/01 | 356.41 | 17.38 | 0.00 | 339.03 | -0.75 | 650 | -- | 180 | 4.3 | 1.2 | 1.1 | 1.8 | 5.9 | 5.4 | |
| D 10/05/01 | 356.41 | 17.38 | 0.00 | 339.03 | -0.75 | -- | -- | 140 | -- | -- | -- | -- | -- | -- | |
| 01/03/02 | 356.41 | 15.10 | 0.00 | 341.31 | 2.28 | 340 | -- | 390 | 2.9 | 1.4 | 1.7 | ND<1.0 | ND<10/ | 3.1 | |
| D 01/03/02 | 356.41 | 15.10 | 0.00 | 341.31 | 2.28 | -- | -- | 360 | -- | -- | -- | -- | -- | -- | |
| 04/01/02 | 356.41 | 14.85 | 0.00 | 341.56 | 0.25 | 340 | -- | 160 | ND<0.50 | 2.7 | ND<0.50 | 0.66 | ND<5.0 | 2.2 | |
| D 04/01/02 | 356.41 | 14.85 | 0.00 | 341.56 | 0.25 | -- | -- | 100 | -- | -- | -- | -- | -- | -- | |
| 07/01/02 | 356.41 | 15.53 | 0.00 | 340.88 | -0.68 | -- | 280 | 130 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 0.58 | |
| D 07/01/02 | 356.41 | 15.53 | 0.00 | 340.88 | -0.68 | -- | -- | 97 | -- | -- | -- | -- | -- | -- | |
| 01/24/03 | 356.41 | 14.52 | 0.00 | 341.89 | 1.01 | -- | 170 | 52 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| D 01/24/03 | 356.41 | 14.52 | 0.00 | 341.89 | 1.01 | -- | -- | ND<50 | -- | -- | -- | -- | -- | -- | |
| 07/28/03 | 356.41 | 15.47 | 0.00 | 340.94 | -0.95 | -- | 380 | 110 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1 | ND<2 | ND<2 | |
| D 07/28/03 | 356.41 | 15.47 | 0.00 | 340.94 | -0.95 | -- | -- | 130 | -- | -- | -- | -- | -- | -- | |
| 02/04/04 | 356.41 | 15.55 | 0.00 | 340.86 | -0.08 | -- | 270 | 94 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 07/02/04 | 356.41 | 16.52 | 0.00 | 339.89 | -0.97 | -- | 170 | ND<200 | ND<0.5 | ND<0.5 | ND<0.5 | ND<1 | -- | 0.83 | |
| 01/11/05 | 356.41 | 14.83 | 0.00 | 341.58 | 1.69 | -- | 460 | 110 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 0.87 | |
| D 01/11/05 | 356.41 | 14.83 | 0.00 | 341.58 | 1.69 | -- | -- | 85 | -- | -- | -- | -- | -- | -- | |
| 07/08/05 | 356.41 | 14.33 | 0.00 | 342.08 | 0.50 | -- | 120 | 67 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 0.60 | |
| D 07/08/05 | 356.41 | 14.33 | 0.00 | 342.08 | 0.50 | -- | -- | 67 | -- | -- | -- | -- | -- | -- | |
| **MW-5 (Screen Interval in feet: 10.0-25.0)** | | | | | | | | | | | | | | | |
| 04/23/98 | 355.03 | 11.15 | 0.00 | 343.88 | -- | 120 | -- | -- | 0.53 | 0.90 | 1.0 | 3.8 | 13 | -- | |
| 07/08/98 | 355.03 | 12.63 | 0.00 | 342.40 | -1.48 | ND | -- | 170 | ND | ND | ND | ND | 12 | -- | |
| 10/05/98 | 355.03 | 14.00 | 0.00 | 341.03 | -1.37 | ND | -- | -- | ND | ND | ND | ND | 12 | -- | |
| 01/04/99 | 355.03 | 15.21 | 0.00 | 339.82 | -1.21 | ND | -- | ND | ND | ND | ND | ND | ND | -- | |
| 04/05/99 | 355.03 | 13.76 | 0.00 | 341.27 | 1.45 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 1995 Through July 2005**

**76 Station 7176**

| | Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MW-5 continued** | | | | | | | | | | | | | | | | |
| | 07/01/99 | 355.03 | 14.48 | 0.00 | 340.55 | -0.72 | ND | -- | ND | ND | ND | ND | ND | ND | 2.3 | |
| | 09/30/99 | 355.03 | 15.15 | 0.00 | 339.88 | -0.67 | 50.8 | -- | 60.4 | ND | ND | ND | ND | ND | ND | |
| D | 09/30/99 | 355.03 | 15.15 | 0.00 | 339.88 | -0.67 | -- | -- | ND | -- | -- | -- | -- | -- | -- | |
| | 01/03/00 | 355.03 | 16.34 | 0.00 | 338.69 | -1.19 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| | 04/04/00 | 355.03 | 12.90 | 0.00 | 342.13 | 3.44 | ND | -- | 69 | ND | ND | ND | ND | ND | ND | |
| D | 04/04/00 | 355.03 | 12.90 | 0.00 | 342.13 | 3.44 | -- | -- | ND | -- | -- | -- | -- | -- | -- | |
| | 07/14/00 | 355.03 | 14.48 | 0.00 | 340.55 | -1.58 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| | 10/27/00 | 355.03 | 15.75 | 0.00 | 339.28 | -1.27 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| | 01/08/01 | 355.03 | 15.25 | 0.00 | 339.78 | 0.50 | ND | -- | -- | ND | ND | ND | ND | ND | ND | |
| | 04/03/01 | 355.03 | 14.41 | 0.00 | 340.62 | 0.84 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| | 07/06/01 | 355.03 | 15.52 | 0.00 | 339.51 | -1.11 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| | 10/05/01 | 355.03 | 16.28 | 0.00 | 338.75 | -0.76 | ND<50 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<2.0 | |
| | 01/03/02 | 355.03 | 14.01 | 0.00 | 341.02 | 2.27 | ND<50 | -- | ND<51 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | 1.6 | |
| | 04/01/02 | 355.03 | 13.64 | 0.00 | 341.39 | 0.37 | ND<50 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | 3.5 | |
| | 07/01/02 | 355.03 | 14.51 | 0.00 | 340.52 | -0.87 | -- | ND<50 | ND<60 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 2.3 | |
| | 01/24/03 | 355.03 | 13.53 | 0.00 | 341.50 | 0.98 | -- | ND<50 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 4.3 | |
| | 07/28/03 | 355.03 | 14.40 | 0.00 | 340.63 | -0.87 | -- | ND<50 | ND<50 | ND<0.50 | ND<0.50 | ND0.50 | ND<1.0 | -- | 3.4 | |
| | 02/04/04 | 355.03 | 14.41 | 0.00 | 340.62 | -0.01 | -- | ND<50 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 2.6 | |
| | 07/02/04 | 355.03 | 15.41 | 0.00 | 339.62 | -1.00 | -- | 80 | ND<200 | ND<0.5 | ND<0.5 | ND<0.5 | ND<1 | -- | 2.0 | |
| | 01/11/05 | 355.03 | 13.74 | 0.00 | 341.29 | 1.67 | -- | ND<50 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 0.64 | |
| | 07/08/05 | 355.03 | 13.24 | 0.00 | 341.79 | 0.50 | -- | ND<50 | 220 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| D | 07/08/05 | 355.03 | 13.24 | 0.00 | 341.79 | 0.50 | -- | -- | ND<50 | -- | -- | -- | -- | -- | -- | |
| **U-1** | | **(Screen Interval in feet: 10.0-30.0)** | | | | | | | | | | | | | | |
| | 07/08/95 | 355.62 | 12.59 | 0.00 | 343.03 | -- | 39000 | -- | 9400 | 1500 | 19 | 1600 | 5200 | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 1995 Through July 2005**

**76 Station 7176**

| | Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-1 continued** | | | | | | | | | | | | | | | | |
| | 10/12/95 | 355.62 | 15.38 | 0.00 | 340.24 | -2.79 | 33000 | -- | 4200 | 1400 | ND | 1400 | 3100 | -- | -- | |
| | 01/11/96 | 355.62 | 16.33 | 0.00 | 339.29 | -0.95 | 8300 | -- | 8200 | 690 | 11 | 680 | 1500 | -- | -- | |
| | 04/11/96 | 355.62 | 12.20 | 0.00 | 343.42 | 4.13 | 3200 | -- | 5630 | 110 | ND | 180 | 290 | 790 | -- | |
| | 07/10/96 | 355.62 | 13.84 | 0.00 | 341.78 | -1.64 | 2600 | -- | 2200 | 81 | 4.4 | 210 | 230 | 510 | -- | |
| | 10/30/96 | 355.62 | 15.85 | 0.00 | 339.77 | -2.01 | 2200 | -- | 560 | 67 | 19 | 140 | 150 | 360 | -- | |
| | 01/27/97 | 355.62 | 12.20 | 0.00 | 343.42 | 3.65 | 4600 | -- | 2300 | 98 | ND | 360 | 290 | 150 | -- | |
| | 04/08/97 | 355.62 | 13.46 | 0.00 | 342.16 | -1.26 | 2800 | -- | 1300 | 50 | ND | 220 | 140 | ND | -- | |
| | 07/17/97 | 355.62 | 15.30 | 0.00 | 340.32 | -1.84 | 2300 | -- | 460 | 30 | 4.5 | 140 | 94 | 190 | -- | |
| | 10/17/97 | 355.62 | 16.33 | 0.00 | 339.29 | -1.03 | 1500 | -- | 510 | 31 | 6.7 | 110 | 88 | 220 | -- | |
| | 01/19/98 | 355.62 | 14.34 | 0.00 | 341.28 | 1.99 | 3100 | -- | 1900 | 46 | 3.4 | 310 | 200 | 170 | -- | |
| D | 01/19/98 | 355.62 | 14.34 | 0.00 | 341.28 | 1.99 | -- | -- | 1300 | -- | -- | -- | -- | -- | -- | |
| | 04/23/98 | 355.59 | 11.16 | 0.00 | 344.43 | 3.15 | 3400 | -- | -- | 72 | 3.8 | 470 | 350 | 280 | -- | |
| | 07/08/98 | 355.59 | 12.67 | 0.00 | 342.92 | -1.51 | 4500 | -- | 2000 | 51 | ND | 590 | 430 | 190 | -- | |
| | 10/05/98 | 355.59 | 14.57 | 0.00 | 341.02 | -1.90 | 7500 | -- | -- | 53 | ND | 680 | 350 | 190 | 180 | |
| | 01/04/99 | 355.59 | 15.35 | 0.00 | 340.24 | -0.78 | 10000 | -- | 2700 | ND | ND | 1200 | 540 | -- | ND | |
| D | 01/04/99 | 355.59 | 15.35 | 0.00 | 340.24 | -0.78 | -- | -- | 2500 | -- | -- | -- | -- | -- | -- | |
| | 04/05/99 | 355.59 | 13.64 | 0.00 | 341.95 | 1.71 | 4900 | -- | 920 | 34 | ND | 350 | 150 | 150 | 55 | |
| D | 04/05/99 | 355.59 | 13.64 | 0.00 | 341.95 | 1.71 | -- | -- | 570 | -- | -- | -- | -- | -- | -- | |
| | 07/01/99 | 355.59 | 14.39 | 0.00 | 341.20 | -0.75 | 10000 | -- | 2700 | 45 | ND | 850 | 420 | 260 | 110 | |
| D | 07/01/99 | 355.59 | 14.39 | 0.00 | 341.20 | -0.75 | -- | -- | 3600 | -- | -- | -- | -- | -- | -- | |
| | 09/30/99 | 355.59 | 15.32 | 0.00 | 340.27 | -0.93 | 7150 | -- | 2360 | ND | ND | 415 | 84.4 | ND | 195 | |
| D | 09/30/99 | 355.59 | 15.32 | 0.00 | 340.27 | -0.93 | -- | -- | 1680 | -- | -- | -- | -- | -- | -- | |
| | 01/03/00 | 355.59 | 16.51 | 0.00 | 339.08 | -1.19 | 5400 | -- | 2000 | 28 | 8.4 | 180 | 33 | 160 | 120 | |
| D | 01/03/00 | 355.59 | 16.51 | 0.00 | 339.08 | -1.19 | -- | -- | 1700 | -- | -- | -- | -- | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 1995 Through July 2005**

**76 Station 7176**

| | Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-1 continued** | | | | | | | | | | | | | | | | |
| | 04/04/00 | 355.59 | 12.89 | 0.00 | 342.70 | 3.62 | 4800 | -- | 990 | 30 | ND | 210 | 93 | 170 | 160 | |
| D | 04/04/00 | 355.59 | 12.89 | 0.00 | 342.70 | 3.62 | -- | -- | 1400 | -- | -- | -- | -- | -- | -- | |
| | 07/14/00 | 355.59 | 14.56 | 0.00 | 341.03 | -1.67 | 6200 | -- | 2800 | 41 | 16 | 170 | 32 | 170 | 120 | |
| D | 07/14/00 | 355.59 | 14.56 | 0.00 | 341.03 | -1.67 | -- | -- | 1200 | -- | -- | -- | -- | -- | -- | |
| | 10/27/00 | 355.59 | 15.96 | 0.00 | 339.63 | -1.40 | 3830 | -- | 1400 | 16.8 | ND | 68.6 | 7.99 | 55.2 | 38 | |
| D | 10/27/00 | 355.59 | 15.96 | 0.00 | 339.63 | -1.40 | -- | -- | 1300 | -- | -- | -- | -- | -- | -- | |
| | 01/08/01 | 355.59 | 15.72 | 0.00 | 339.87 | 0.24 | 2410 | -- | -- | 14.7 | 4.30 | 30.5 | 5.04 | 34.5 | 9.33 | |
| | 04/03/01 | 355.59 | 14.46 | 0.00 | 341.13 | 1.26 | 3330 | -- | 1500 | 15.8 | 5.96 | 74.8 | 7.06 | ND | 13.3 | |
| D | 04/03/01 | 355.59 | 14.46 | 0.00 | 341.13 | 1.26 | -- | -- | 830 | -- | -- | -- | -- | -- | -- | |
| | 07/06/01 | 355.59 | 15.65 | 0.00 | 339.94 | -1.19 | 4300 | -- | 1600 | 23 | 6.4 | 57 | 6.8 | 58 | 36 | |
| D | 07/06/01 | 355.59 | 15.65 | 0.00 | 339.94 | -1.19 | -- | -- | 1200 | -- | -- | -- | -- | -- | -- | |
| | 10/05/01 | 355.59 | 16.45 | 0.00 | 339.14 | -0.80 | 3800 | -- | 2500 | 19 | ND<5.0 | 19 | ND<5.0 | 64 | 36 | |
| D | 10/05/01 | 355.59 | 16.45 | 0.00 | 339.14 | -0.80 | -- | -- | 2300 | -- | -- | -- | -- | -- | -- | |
| | 01/03/02 | 355.59 | 14.18 | 0.00 | 341.41 | 2.27 | 4500 | -- | 2200 | 25 | ND<10 | 24 | ND<10 | ND<100 | 23 | |
| D | 01/03/02 | 355.59 | 14.18 | 0.00 | 341.41 | 2.27 | -- | -- | 2200 | -- | -- | -- | -- | -- | -- | |
| | 04/01/02 | 355.59 | 13.72 | 0.00 | 341.87 | 0.46 | 5300 | -- | 1800 | 36 | 6.7 | 48 | 12 | 93 | 59 | |
| D | 04/01/02 | 355.59 | 13.72 | 0.00 | 341.87 | 0.46 | -- | -- | 1200 | -- | -- | -- | -- | -- | -- | |
| | 07/01/02 | 355.59 | 14.61 | 0.00 | 340.98 | -0.89 | -- | 3900 | 2100 | ND<0.50 | ND<0.50 | ND<0.50 | 3.9 | -- | 23 | |
| D | 07/01/02 | 355.59 | 14.61 | 0.00 | 340.98 | -0.89 | -- | -- | 2100 | -- | -- | -- | -- | -- | -- | |
| | 01/24/03 | 355.59 | 13.82 | 0.00 | 341.77 | 0.79 | -- | 3400 | 2100 | ND<2.5 | ND<2.5 | 37 | ND<5.0 | -- | 21 | |
| D | 01/24/03 | 355.59 | 13.82 | 0.00 | 341.77 | 0.79 | -- | -- | 1700 | -- | -- | -- | -- | -- | -- | |
| | 07/28/03 | 355.59 | 14.51 | 0.00 | 341.08 | -0.69 | -- | 7100 | 2100 | ND<2.5 | ND<2.5 | 12 | ND<5 | 13 | 13 | |
| D | 07/28/03 | 355.59 | 14.51 | 0.00 | 341.08 | -0.69 | -- | -- | 1200 | -- | -- | -- | -- | -- | -- | |
| | 02/04/04 | 355.59 | 14.66 | 0.00 | 340.93 | -0.15 | -- | 4000 | 1300 | ND<0.50 | ND<0.50 | 13 | ND<1.0 | -- | 9.6 | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 1995 Through July 2005**

**76 Station 7176**

| | Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-1 continued** | | | | | | | | | | | | | | | | |
| | 07/02/04 | 355.59 | 16.57 | 0.00 | 339.02 | -1.91 | -- | 2600 | 400 | 0.56 | ND<0.5 | 5.3 | ND<1 | -- | 5.4 | |
| | 01/11/05 | 355.59 | 13.91 | 0.00 | 341.68 | 2.66 | -- | 5000 | 2000 | 0.59 | ND<0.50 | 7.8 | ND<1.0 | -- | 4.2 | |
| D | 01/11/05 | 355.59 | 13.91 | 0.00 | 341.68 | 2.66 | -- | -- | 1500 | -- | -- | -- | -- | -- | -- | |
| | 07/08/05 | 355.59 | 13.26 | 0.00 | 342.33 | 0.65 | -- | 3100 | 1300 | ND<0.50 | ND<0.50 | 4.3 | ND<1.0 | -- | 2.2 | |
| **U-2** | | **(Screen Interval in feet: 10.0-30.0)** | | | | | | | | | | | | | | |
| | 07/08/95 | 356.59 | 12.68 | 0.00 | 343.91 | -- | 17000 | -- | 4700 | 430 | ND | 2200 | 590 | -- | -- | |
| | 10/12/95 | 356.59 | 16.01 | 0.00 | 340.58 | -3.33 | 24000 | -- | 3600 | 310 | 60 | 1900 | 190 | -- | -- | |
| | 01/11/96 | 356.59 | 17.06 | 0.00 | 339.53 | -1.05 | 10000 | -- | 8600 | 210 | 55 | 1400 | 240 | -- | -- | |
| | 04/11/96 | 356.59 | 12.75 | 0.00 | 343.84 | 4.31 | 7700 | -- | 1900 | 130 | 27 | 1100 | 110 | 340 | -- | |
| | 07/10/96 | 356.59 | 14.42 | 0.00 | 342.17 | -1.67 | 5600 | -- | 2300 | 59 | 15 | 610 | 42 | 250 | -- | |
| | 10/30/96 | 356.59 | 16.82 | 0.00 | 339.77 | -2.40 | 7700 | -- | 1800 | 67 | 35 | 1000 | 54 | 260 | -- | |
| | 01/27/97 | 356.59 | 12.91 | 0.00 | 343.68 | 3.91 | 1600 | -- | 660 | 14 | ND | 130 | 7.0 | 100 | -- | |
| | 04/08/97 | 356.59 | 14.07 | 0.00 | 342.52 | -1.16 | 4300 | -- | 2000 | 35 | ND | 400 | 16 | ND | -- | |
| | 07/17/97 | 356.59 | 15.96 | 0.00 | 340.63 | -1.89 | 6200 | -- | 1300 | 17 | 22 | 410 | ND | 130 | -- | |
| | 10/17/97 | 356.59 | 17.03 | 0.00 | 339.56 | -1.07 | 7100 | -- | 1400 | 71 | 26 | 520 | 50 | ND | -- | |
| | 01/19/98 | 356.59 | 15.10 | 0.00 | 341.49 | 1.93 | 5300 | -- | 2100 | 46 | 11 | 350 | 16 | 110 | -- | |
| D | 01/19/98 | 356.59 | 15.10 | 0.00 | 341.49 | 1.93 | -- | -- | 1500 | -- | -- | -- | -- | -- | -- | |
| | 04/23/98 | 356.55 | 11.74 | 0.00 | 344.81 | 3.32 | 3200 | -- | -- | 23 | 11 | 210 | 38 | 160 | -- | |
| | 07/08/98 | 356.55 | 13.27 | 0.00 | 343.28 | -1.53 | 1600 | -- | 1100 | 34 | 8.5 | 100 | 7.4 | 190 | -- | |
| | 10/05/98 | 356.55 | 14.90 | 0.00 | 341.65 | -1.63 | 2900 | -- | -- | 37 | 8.4 | 110 | 7.3 | 78 | -- | |
| | 01/04/99 | 356.55 | 15.94 | 0.00 | 340.61 | -1.04 | 2200 | -- | 670 | 35 | ND | 17 | ND | 86 | -- | |
| D | 01/04/99 | 356.55 | 15.94 | 0.00 | 340.61 | -1.04 | -- | -- | 250 | -- | -- | -- | -- | -- | -- | |
| | 04/05/99 | 356.55 | 14.19 | 0.00 | 342.36 | 1.75 | 4900 | -- | 660 | 21 | 77 | 130 | 310 | 100 | 6.9 | |
| D | 04/05/99 | 356.55 | 14.19 | 0.00 | 342.36 | 1.75 | -- | -- | 490 | -- | -- | -- | -- | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 1995 Through July 2005**

**76 Station 7176**

| | Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-2 continued** | | | | | | | | | | | | | | | | |
| | 07/01/99 | 356.55 | 14.98 | 0.00 | 341.57 | -0.79 | 1500 | -- | 210 | 7.6 | ND | ND | ND | ND | 35 | |
| D | 07/01/99 | 356.55 | 14.98 | 0.00 | 341.57 | -0.79 | -- | -- | 440 | -- | -- | -- | -- | -- | -- | |
| | 09/30/99 | 356.55 | 16.00 | 0.00 | 340.55 | -1.02 | 256 | -- | 483 | 1.85 | ND | 2.42 | ND | 26.3 | 29.8 | |
| D | 09/30/99 | 356.55 | 16.00 | 0.00 | 340.55 | -1.02 | -- | -- | 340 | -- | -- | -- | -- | -- | -- | |
| | 01/03/00 | 356.55 | 17.20 | 0.00 | 339.35 | -1.20 | 3400 | -- | 2400 | 23 | 13 | ND | 44 | 46 | 14 | |
| D | 01/03/00 | 356.55 | 17.20 | 0.00 | 339.35 | -1.20 | -- | -- | 1900 | -- | -- | -- | -- | -- | -- | |
| | 04/04/00 | 356.55 | 13.50 | 0.00 | 343.05 | 3.70 | 3600 | -- | 1000 | 34 | 17 | 56 | ND | 59 | 25 | |
| D | 04/04/00 | 356.55 | 13.50 | 0.00 | 343.05 | 3.70 | -- | -- | 1000 | -- | -- | -- | -- | -- | -- | |
| | 07/14/00 | 356.55 | 15.23 | 0.00 | 341.32 | -1.73 | 3100 | -- | 1000 | 16 | 13 | 15 | 10 | 100 | 19 | |
| D | 07/14/00 | 356.55 | 15.23 | 0.00 | 341.32 | -1.73 | -- | -- | 350 | -- | -- | -- | -- | -- | -- | |
| | 10/27/00 | 356.55 | 16.74 | 0.00 | 339.81 | -1.51 | 4180 | -- | 2000 | 30.4 | 10.2 | 14.6 | ND | 55.5 | 15 | |
| D | 10/27/00 | 356.55 | 16.74 | 0.00 | 339.81 | -1.51 | -- | -- | 1900 | -- | -- | -- | -- | -- | -- | |
| | 01/08/01 | 356.55 | 16.68 | 0.00 | 339.87 | 0.06 | 3300 | -- | -- | 33.5 | 7.32 | 3.49 | ND | 66.7 | 7.49 | |
| | 04/03/01 | 356.55 | 15.12 | 0.00 | 341.43 | 1.56 | 4290 | -- | 1500 | 32.4 | 9.91 | 20.1 | ND | 66.6 | 18.1 | |
| D | 04/03/01 | 356.55 | 15.12 | 0.00 | 341.43 | 1.56 | -- | -- | 830 | -- | -- | -- | -- | -- | -- | |
| | 07/06/01 | 356.55 | 16.32 | 0.00 | 340.23 | -1.20 | 4700 | -- | 1400 | 35 | 11 | 12 | 5.3 | 62 | 19 | |
| D | 07/06/01 | 356.55 | 16.32 | 0.00 | 340.23 | -1.20 | -- | -- | 1100 | -- | -- | -- | -- | -- | -- | |
| | 10/05/01 | 356.55 | 17.15 | 0.00 | 339.40 | -0.83 | 3600 | -- | 3200 | 31 | 9.6 | 8.7 | 6.9 | 62 | 13 | |
| D | 10/05/01 | 356.55 | 17.15 | 0.00 | 339.40 | -0.83 | -- | -- | 1900 | -- | -- | -- | -- | -- | -- | |
| | 01/03/02 | 356.55 | 14.90 | 0.00 | 341.65 | 2.25 | 4600 | -- | 2300 | 34 | 11 | 15 | 5.8 | 62 | 7.5 | |
| D | 01/03/02 | 356.55 | 14.90 | 0.00 | 341.65 | 2.25 | -- | -- | 2100 | -- | -- | -- | -- | -- | -- | |
| | 04/01/02 | 356.55 | 14.38 | 0.00 | 342.17 | 0.52 | 3500 | -- | 1400 | 38 | 9.3 | 10 | 6.5 | 87 | 18 | |
| D | 04/01/02 | 356.55 | 14.38 | 0.00 | 342.17 | 0.52 | -- | -- | 470 | -- | -- | -- | -- | -- | -- | |
| | 07/01/02 | 356.55 | 15.24 | 0.00 | 341.31 | -0.86 | -- | 4500 | ND<50 | ND<0.50 | ND<0.50 | 5.0 | 1.7 | -- | ND<0.50 | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 1995 Through July 2005**

**76 Station 7176**

| | Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-2 continued** | | | | | | | | | | | | | | | | |
| | 01/24/03 | 356.55 | 14.31 | 0.00 | 342.24 | 0.93 | -- | 2300 | 860 | 1.1 | 1.5 | 6.9 | 2.4 | -- | 5.9 | |
| D | 01/24/03 | 356.55 | 14.31 | 0.00 | 342.24 | 0.93 | -- | -- | 570 | -- | -- | -- | -- | -- | -- | |
| | 07/28/03 | 356.55 | 15.18 | 0.00 | 341.37 | -0.87 | -- | 5600 | 1300 | ND<2.5 | ND<2.5 | 3.4 | ND<5 | ND<10 | ND<10 | |
| D | 07/28/03 | 356.55 | 15.18 | 0.00 | 341.37 | -0.87 | -- | -- | 710 | -- | -- | -- | -- | -- | -- | |
| | 02/04/04 | 356.55 | 15.36 | 0.00 | 341.19 | -0.18 | -- | 4400 | 1300 | ND<5.0 | ND<5.0 | 7.0 | ND<10 | -- | ND<20 | |
| | 07/02/04 | 356.55 | 16.28 | 0.00 | 340.27 | -0.92 | -- | 5700 | 380 | 1.4 | 2.8 | 6.6 | 5.5 | -- | 6.6 | |
| | 01/11/05 | 356.55 | 14.59 | 0.00 | 341.96 | 1.69 | -- | 5800 | 1800 | 0.99 | 2.5 | 5.4 | 5.1 | -- | ND<5.0 | |
| D | 01/11/05 | 356.55 | 14.59 | 0.00 | 341.96 | 1.69 | -- | -- | 1100 | -- | -- | -- | -- | -- | -- | |
| | 07/08/05 | 356.55 | 13.97 | 0.00 | 342.58 | 0.62 | -- | 3000 | 1100 | 0.56 | 1.9 | 3.0 | 3.2 | -- | 5.0 | |
| D | 07/08/05 | 356.55 | 13.97 | 0.00 | 342.58 | 0.62 | -- | -- | 960 | -- | -- | -- | -- | -- | -- | |
| **U-3** | | **(Screen Interval in feet: 10.0-30.0)** | | | | | | | | | | | | | | |
| | 07/08/95 | 358.13 | 14.58 | 0.00 | 343.55 | -- | 1100 | -- | 710 | 0.57 | 2.1 | 1.7 | 2.4 | -- | -- | |
| | 10/12/95 | 358.13 | 17.60 | 0.00 | 340.53 | -3.02 | 560 | -- | 470 | ND | 0.87 | 0.7 | 1.1 | -- | -- | |
| | 01/11/96 | 358.13 | 18.65 | 0.00 | 339.48 | -1.05 | 230 | -- | 260 | 0.62 | 0.91 | 0.97 | 1.9 | -- | -- | |
| | 04/11/96 | 358.13 | 13.20 | 0.00 | 344.93 | 5.45 | 68 | -- | ND | ND | ND | ND | ND | ND | -- | |
| | 07/10/96 | 358.13 | 15.98 | 0.00 | 342.15 | -2.78 | ND | -- | ND | ND | ND | ND | ND | ND | -- | |
| | 10/30/96 | 358.13 | 18.24 | 0.00 | 339.89 | -2.26 | 70 | -- | ND | ND | ND | ND | ND | ND | -- | |
| | 01/27/97 | 358.13 | 14.41 | 0.00 | 343.72 | 3.83 | ND | -- | ND | ND | ND | ND | ND | ND | -- | |
| | 04/08/97 | 358.13 | 15.73 | 0.00 | 342.40 | -1.32 | ND | -- | ND | ND | ND | ND | ND | ND | -- | |
| | 07/17/97 | 358.13 | 17.54 | 0.00 | 340.59 | -1.81 | ND | -- | ND | ND | ND | ND | ND | ND | -- | |
| | 10/17/97 | 358.13 | 18.64 | 0.00 | 339.49 | -1.10 | ND | -- | 63 | ND | ND | ND | ND | ND | -- | |
| | 01/19/98 | 358.13 | 16.67 | 0.00 | 341.46 | 1.97 | ND | -- | 68 | ND | ND | ND | ND | ND | -- | |
| D | 01/19/98 | 358.13 | 16.67 | 0.00 | 341.46 | 1.97 | -- | -- | ND | -- | -- | -- | -- | -- | -- | |
| | 04/23/98 | 358.09 | 13.28 | 0.00 | 344.81 | 3.35 | ND | -- | -- | ND | ND | ND | ND | ND | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 1995 Through July 2005**

**76 Station 7176**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (µg/l) | TPPH 8260B (µg/l) | TPH-D (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE 8021B (µg/l) | MTBE 8260B (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-3 continued** | | | | | | | | | | | | | | | |
| 07/08/98 | 358.09 | 14.90 | 0.00 | 343.19 | -1.62 | ND | -- | 80 | ND | ND | ND | ND | ND | -- | |
| 10/05/98 | 358.09 | 16.50 | 0.00 | 341.59 | -1.60 | ND | -- | -- | ND | ND | ND | ND | ND | -- | |
| 01/04/99 | 358.09 | 17.70 | 0.00 | 340.39 | -1.20 | ND | -- | ND | ND | ND | ND | ND | ND | -- | |
| 04/05/99 | 358.09 | 15.67 | 0.00 | 342.42 | 2.03 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| 07/01/99 | 358.09 | 16.79 | 0.00 | 341.30 | -1.12 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| 09/30/99 | 358.09 | 17.60 | 0.00 | 340.49 | -0.81 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| 01/03/00 | 358.09 | 18.86 | 0.00 | 339.23 | -1.26 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| 04/04/00 | 358.09 | 15.10 | 0.00 | 342.99 | 3.76 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| 07/14/00 | 358.09 | 16.85 | 0.00 | 341.24 | -1.75 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| 10/27/00 | 358.09 | 18.35 | 0.00 | 339.74 | -1.50 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| 01/08/01 | 358.09 | 18.31 | 0.00 | 339.78 | 0.04 | ND | -- | -- | ND | ND | ND | ND | ND | ND | |
| 04/03/01 | 358.09 | 16.70 | 0.00 | 341.39 | 1.61 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| 07/06/01 | 358.09 | 17.90 | 0.00 | 340.19 | -1.20 | ND | -- | ND | ND | ND | ND | ND | ND | ND | |
| 10/05/01 | 358.09 | 18.71 | 0.00 | 339.38 | -0.81 | ND<50 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<2.0 | |
| 01/03/02 | 358.09 | 16.41 | 0.00 | 341.68 | 2.30 | ND<50 | -- | ND<52 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<1.0 | |
| 04/01/02 | 358.09 | 15.87 | 0.00 | 342.22 | 0.54 | ND<50 | -- | ND<50 | ND<0.50 | 1.1 | ND<0.50 | 1.2 | ND<5.0 | ND<2.0 | |
| 07/01/02 | 358.09 | 16.77 | 0.00 | 341.32 | -0.90 | -- | ND<50 | 1500 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| 01/24/03 | 358.09 | 15.75 | 0.00 | 342.34 | 1.02 | -- | ND<50 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | ND<5.0 | ND<2.019 | |
| 07/28/03 | 358.09 | 16.74 | 0.00 | 341.35 | -0.99 | -- | ND<50 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1 | ND<2 | ND<2 | |
| 02/04/04 | 358.09 | 16.87 | 0.00 | 341.22 | -0.13 | -- | ND<50 | 90 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 07/02/04 | 358.09 | 17.87 | 0.00 | 340.22 | -1.00 | -- | ND<50 | ND<200 | ND<0.5 | ND<0.5 | ND<0.5 | ND<1 | -- | ND<0.5 | |
| 01/11/05 | 358.09 | 16.10 | 0.00 | 341.99 | 1.77 | -- | 52 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| 07/08/05 | 358.09 | 15.57 | 0.00 | 342.52 | 0.53 | -- | ND<50 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |

**Table 3**
**ADDITIONAL ANALYTICAL RESULTS**
**76 Station 7176**

| Date Sampled | EDC | EDB | TAME 8260B | TBA 8260B | DIPE 8260B | ETBE 8260B | Ethanol 8260B | 1,2 DCE |
|---|---|---|---|---|---|---|---|---|
| | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) |
| **MW-4** | | | | | | | | |
| 04/05/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/01/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 09/30/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/03/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/04/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/14/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 10/27/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/08/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/03/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/06/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 10/05/01 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<1000 | ND<2.0 |
| 01/03/02 | -- | ND<1.0 | ND<1.0 | ND<20 | ND<1.0 | ND<1.0 | ND<500 | ND<1.0 |
| 04/01/02 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | ND<2.0 |
| 07/01/02 | -- | ND<0.50 | ND<0.50 | ND<5.0 | ND<1.0 | ND<0.50 | ND<25 | ND<0.50 |
| 01/24/03 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | ND<2.0 |
| 07/28/03 | -- | ND<2 | ND<2 | ND<100 | ND<2 | ND<2 | ND<500 | ND<2 |
| 02/04/04 | ND<2.0 | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | -- |
| 07/02/04 | ND<0.5 | ND<0.5 | ND<1 | ND<12 | ND<1 | ND<1 | ND<800 | -- |
| 01/11/05 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<1.0 | ND<0.50 | ND<50 | -- |
| 07/08/05 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<0.50 | ND<0.50 | ND<50 | -- |
| **MW-5** | | | | | | | | |
| 04/05/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/01/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 09/30/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/03/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/04/00 | -- | ND | ND | ND | ND | ND | ND | ND |

**Table 3**
**ADDITIONAL ANALYTICAL RESULTS**
**76 Station 7176**

| Date Sampled | EDC | EDB | TAME 8260B | TBA 8260B | DIPE 8260B | ETBE 8260B | Ethanol 8260B | 1,2 DCE |
|---|---|---|---|---|---|---|---|---|
| | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) |
| **MW-5 continued** | | | | | | | | |
| 07/14/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 10/27/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/08/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/03/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/06/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 10/05/01 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<1000 | ND<2.0 |
| 01/03/02 | -- | ND<1.0 | ND<1.0 | ND<20 | ND<1.0 | ND<1.0 | ND<500 | ND<1.0 |
| 04/01/02 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | ND<2.0 |
| 07/01/02 | -- | ND<0.50 | ND<0.50 | ND<5.0 | ND<1.0 | ND<0.50 | ND<25 | ND<0.50 |
| 01/24/03 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | ND<2.0 |
| 07/28/03 | -- | ND<2 | ND<2 | ND<100 | ND<2 | ND<2 | ND<500 | ND<2 |
| 02/04/04 | ND<2.0 | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | -- |
| 07/02/04 | ND<0.5 | ND<0.5 | ND<1 | ND<12 | ND<1 | ND<1 | ND<800 | -- |
| 01/11/05 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<1.0 | ND<0.50 | ND<50 | -- |
| 07/08/05 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<0.50 | ND<0.50 | ND<50 | -- |
| **U-1** | | | | | | | | |
| 04/05/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/01/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 09/30/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/03/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/04/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/14/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 10/27/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/08/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/03/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/06/01 | -- | ND | ND | ND | ND | ND | ND | ND |

**Table 3**
**ADDITIONAL ANALYTICAL RESULTS**
**76 Station 7176**

| Date Sampled | EDC | EDB | TAME 8260B | TBA 8260B | DIPE 8260B | ETBE 8260B | Ethanol 8260B | 1,2 DCE |
|---|---|---|---|---|---|---|---|---|
| | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) |
| **U-1 continued** | | | | | | | | |
| 10/05/01 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<1000 | ND<2.0 |
| 01/03/02 | -- | ND<5.0 | ND<5.0 | ND<100 | ND<5.0 | ND<5.0 | ND<2500 | ND<5.0 |
| 04/01/02 | -- | ND<10 | ND<10 | ND<500 | ND<10 | ND<10 | ND<2500 | ND<10 |
| 07/01/02 | -- | ND<0.50 | ND<0.50 | ND<5.0 | ND<1.0 | ND<0.50 | ND<25 | ND<0.50 |
| 01/24/03 | -- | ND<10 | ND<10 | ND<500 | ND<10 | ND<10 | ND<2500 | ND<10 |
| 07/28/03 | -- | ND<10 | ND<10 | ND<500 | ND<10 | ND<10 | ND<2500 | ND<10 |
| 02/04/04 | ND<2.0 | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | -- |
| 07/02/04 | ND<0.5 | ND<0.5 | ND<1 | ND<12 | ND<1 | ND<1 | ND<800 | -- |
| 01/11/05 | ND<0.50 | ND<0.50 | ND<0.50 | 5.2 | ND<1.0 | ND<0.50 | ND<50 | -- |
| 07/08/05 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<0.50 | ND<0.50 | ND<50 | -- |
| **U-2** | | | | | | | | |
| 04/05/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/01/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 09/30/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/03/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/04/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/14/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 10/27/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/08/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/03/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/06/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 10/05/01 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<1000 | ND<2.0 |
| 01/03/02 | -- | ND<5.0 | ND<5.0 | ND<100 | ND<5.0 | ND<5.0 | ND<2500 | ND<5.0 |
| 04/01/02 | -- | ND<4.0 | ND<4.0 | ND<200 | ND<4.0 | ND<4.0 | ND<1000 | ND<4.0 |
| 07/01/02 | -- | ND<0.50 | ND<0.50 | ND<5.0 | ND<1.0 | ND<0.50 | ND<25 | ND<0.50 |
| 01/24/03 | -- | ND<4.0 | ND<4.0 | ND<200 | ND<4.0 | ND<4.0 | ND<1000 | ND<4.0 |

**Table 3**
**ADDITIONAL ANALYTICAL RESULTS**
**76 Station 7176**

| Date Sampled | EDC | EDB | TAME 8260B | TBA 8260B | DIPE 8260B | ETBE 8260B | Ethanol 8260B | 1,2 DCE |
|---|---|---|---|---|---|---|---|---|
| | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) |
| **U-2 continued** | | | | | | | | |
| 07/28/03 | -- | ND<10 | ND<10 | ND<500 | ND<10 | ND<10 | ND<2500 | ND<10 |
| 02/04/04 | ND<20 | ND<20 | ND<20 | ND<1000 | ND<20 | ND<20 | ND<5000 | -- |
| 07/02/04 | ND<0.5 | ND<0.5 | ND<1 | ND<12 | ND<1 | ND<1 | ND<800 | -- |
| 01/11/05 | ND<5.0 | ND<5.0 | ND<5.0 | ND<50 | ND<10 | ND<5.0 | ND<500 | -- |
| 07/08/05 | ND<5.0 | ND<5.0 | ND<5.0 | ND<50 | ND<5.0 | ND<5.0 | ND<500 | -- |
| **U-3** | | | | | | | | |
| 04/05/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/01/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 09/30/99 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/03/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/04/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/14/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 10/27/00 | -- | ND | ND | ND | ND | ND | ND | ND |
| 01/08/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 04/03/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 07/06/01 | -- | ND | ND | ND | ND | ND | ND | ND |
| 10/05/01 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<1000 | ND<2.0 |
| 01/03/02 | -- | ND<1.0 | ND<1.0 | ND<20 | ND<1.0 | ND<1.0 | ND<500 | ND<1.0 |
| 04/01/02 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | ND<2.0 |
| 07/01/02 | -- | ND<0.50 | ND<0.50 | ND<5.0 | ND<1.0 | ND<0.50 | ND<25 | ND<0.50 |
| 01/24/03 | -- | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | ND<2.0 |
| 07/28/03 | -- | ND<2 | ND<2 | ND<100 | ND<2 | ND<2 | ND<500 | ND<2 |
| 02/04/04 | ND<2.0 | ND<2.0 | ND<2.0 | ND<100 | ND<2.0 | ND<2.0 | ND<500 | -- |
| 07/02/04 | ND<0.5 | ND<0.5 | ND<1 | ND<12 | ND<1 | ND<1 | ND<800 | -- |
| 01/11/05 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<1.0 | ND<0.50 | ND<50 | -- |
| 07/08/05 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | ND<0.50 | ND<0.50 | ND<50 | -- |

# FIGURES


0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle


**VICINITY MAP**

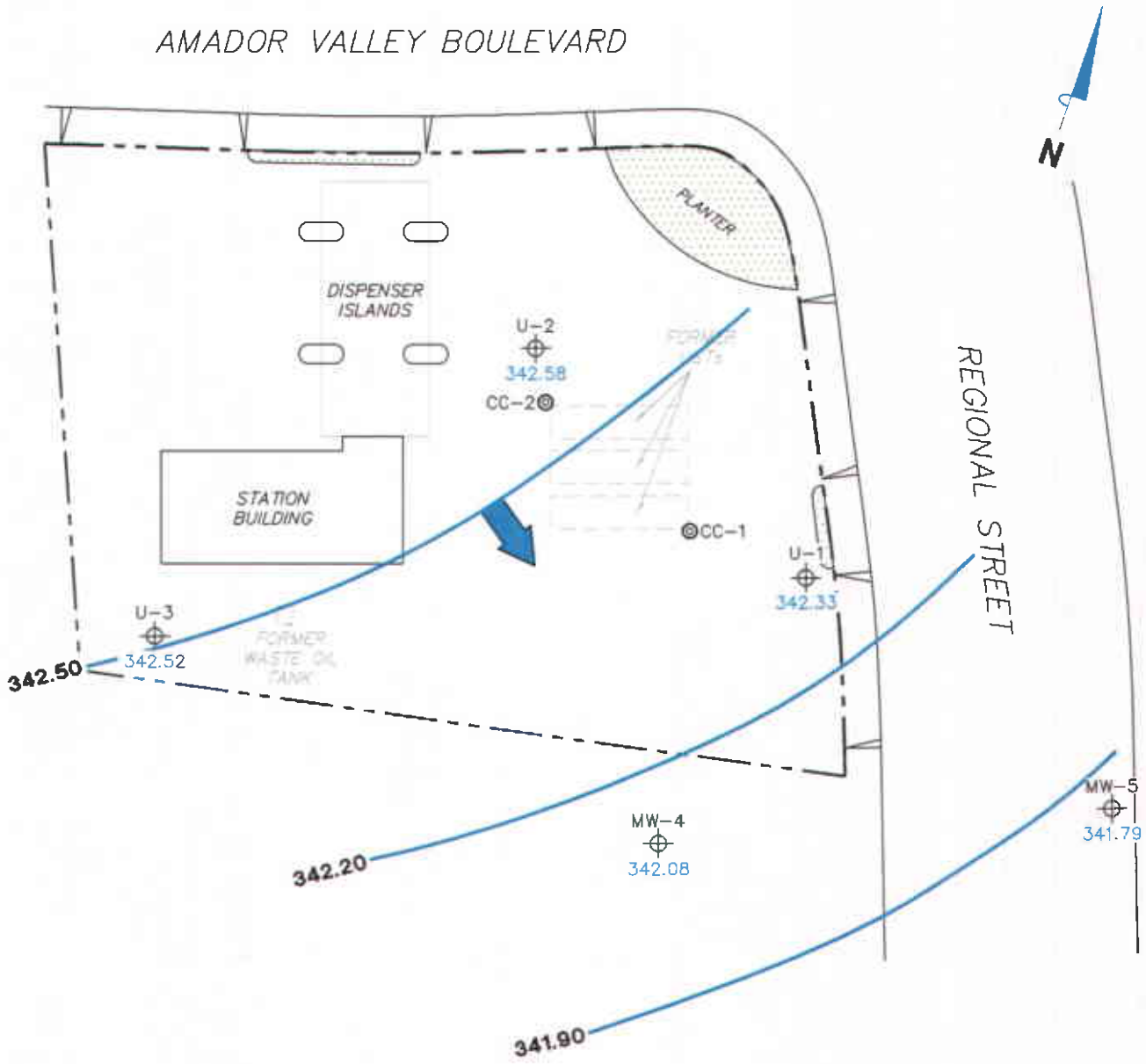
76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

# FIGURE 1

PS = 1:1

Graphics on Irvine-fs1(L:)\VICINITY MAPS\7176vm.dwg 2/26/04 blw




NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

LEGEND

- MW-5 ⊕ Monitoring Well with Groundwater Elevation (feet)
- CC-2 ◎ Conductor Casing
- 342.50 — Groundwater Elevation Contour
- ➡ General Direction of Groundwater Flow

**GROUNDWATER ELEVATION CONTOUR MAP**
**July 8, 2005**

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

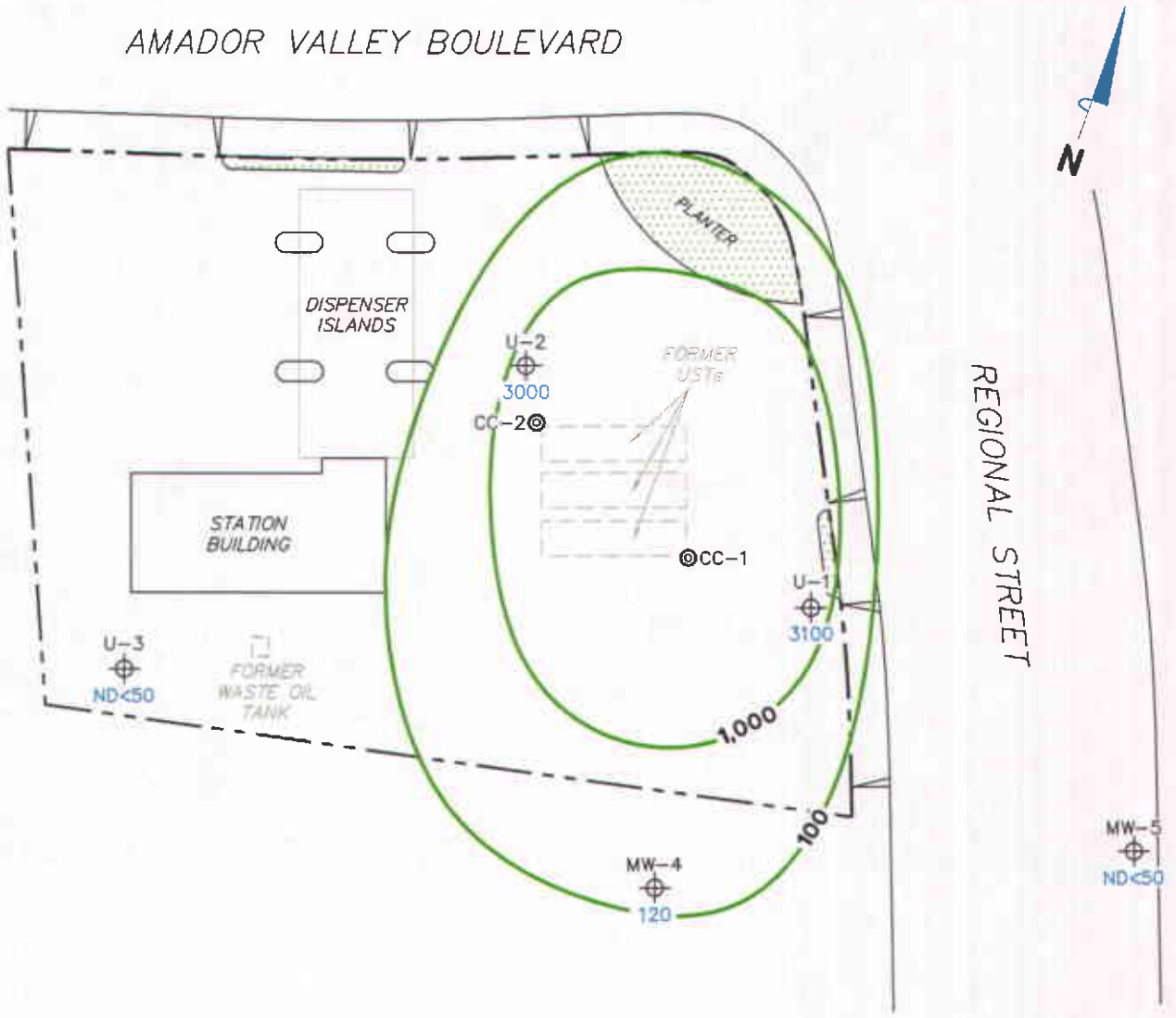
TRC

SCALE (FEET)
0 40

**FIGURE 2**

PS=1:1 7176-003

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Sep 06, 2005 - 8:26am mesten




NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPPH = total purgeable petroleum hydrocarbons. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

CC-2 ◎ Conductor Casing

1,000 Dissolved-Phase TPPH Contour (µg/l)

**DISSOLVED-PHASE TPPH CONCENTRATION MAP**
**July 8, 2005**

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

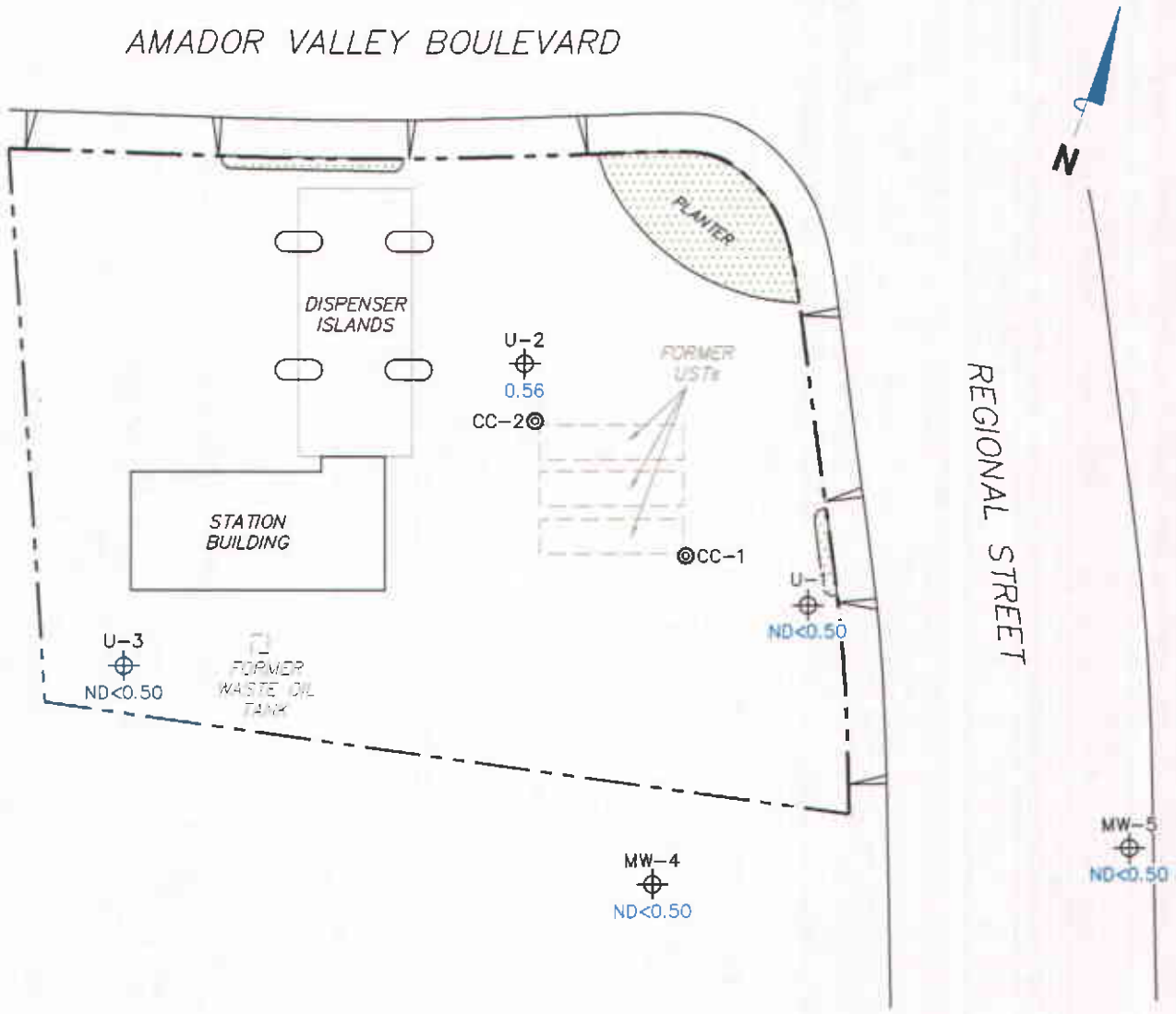
TRC

SCALE (FEET)
0 40

**FIGURE 3**

PS=1:1 7176-003

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Aug 31, 2005 - 9:53am mesten




NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank.

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

CC-2 ◎ Conductor Casing

**DISSOLVED-PHASE BENZENE CONCENTRATION MAP**
**July 8, 2005**

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

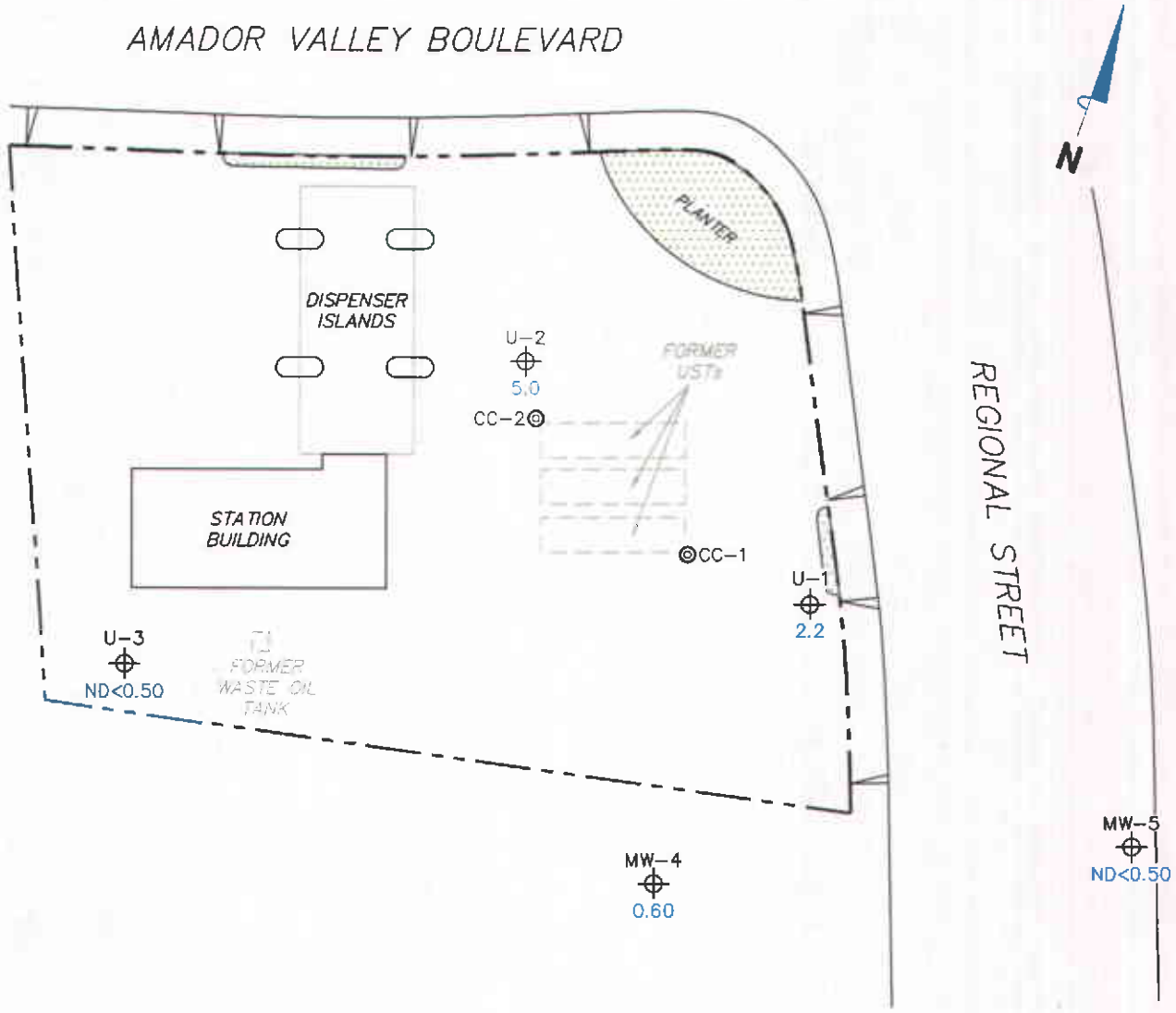
TRC

SCALE (FEET)
0 40

# FIGURE 4

PS=1:1 7176-003

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Aug 31, 2005 - 9:54am mesten




NOTES:

MTBE = methyl tertiary butyl ether.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

CC-2 ◎ Conductor Casing

**DISSOLVED-PHASE MTBE CONCENTRATION MAP**
**July 8, 2005**

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

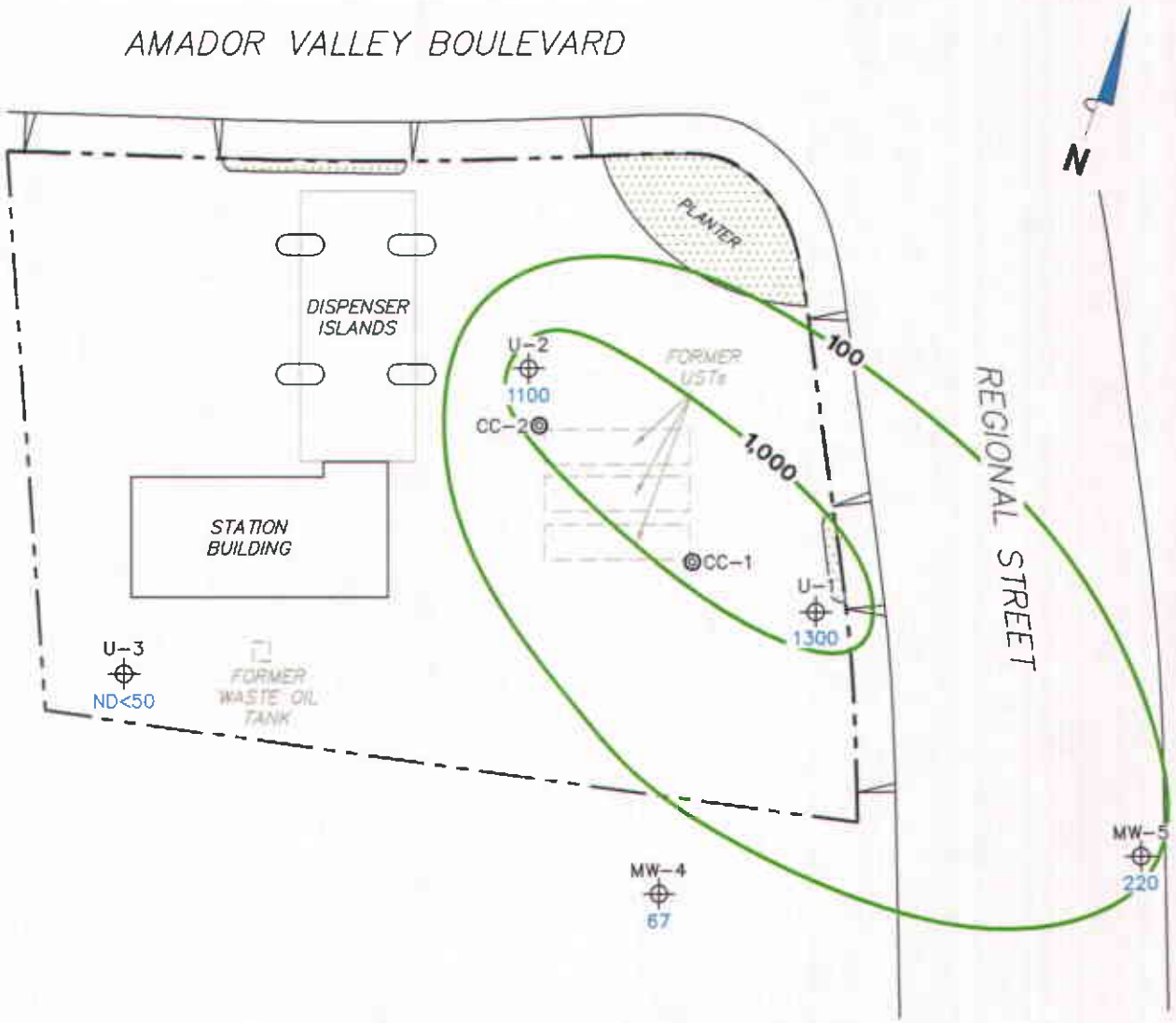
TRC

SCALE (FEET)
0 40

**FIGURE 5**

PS=1:1 7176-003

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Aug 31, 2005 - 9:54am mesten




NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-D = total petroleum hydrocarbons as diesel. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase TPH-D Concentration (µg/l)

CC-2 ◎ Conductor Casing

-1,000- Dissolved-Phase TPH-D Contour (µg/l)

**DISSOLVED-PHASE TPH-D CONCENTRATION MAP**
**July 8, 2005**

76 Station 7176
7850 Amador Valley Boulevard
Dublin, California

TRC

SCALE (FEET)
0 40

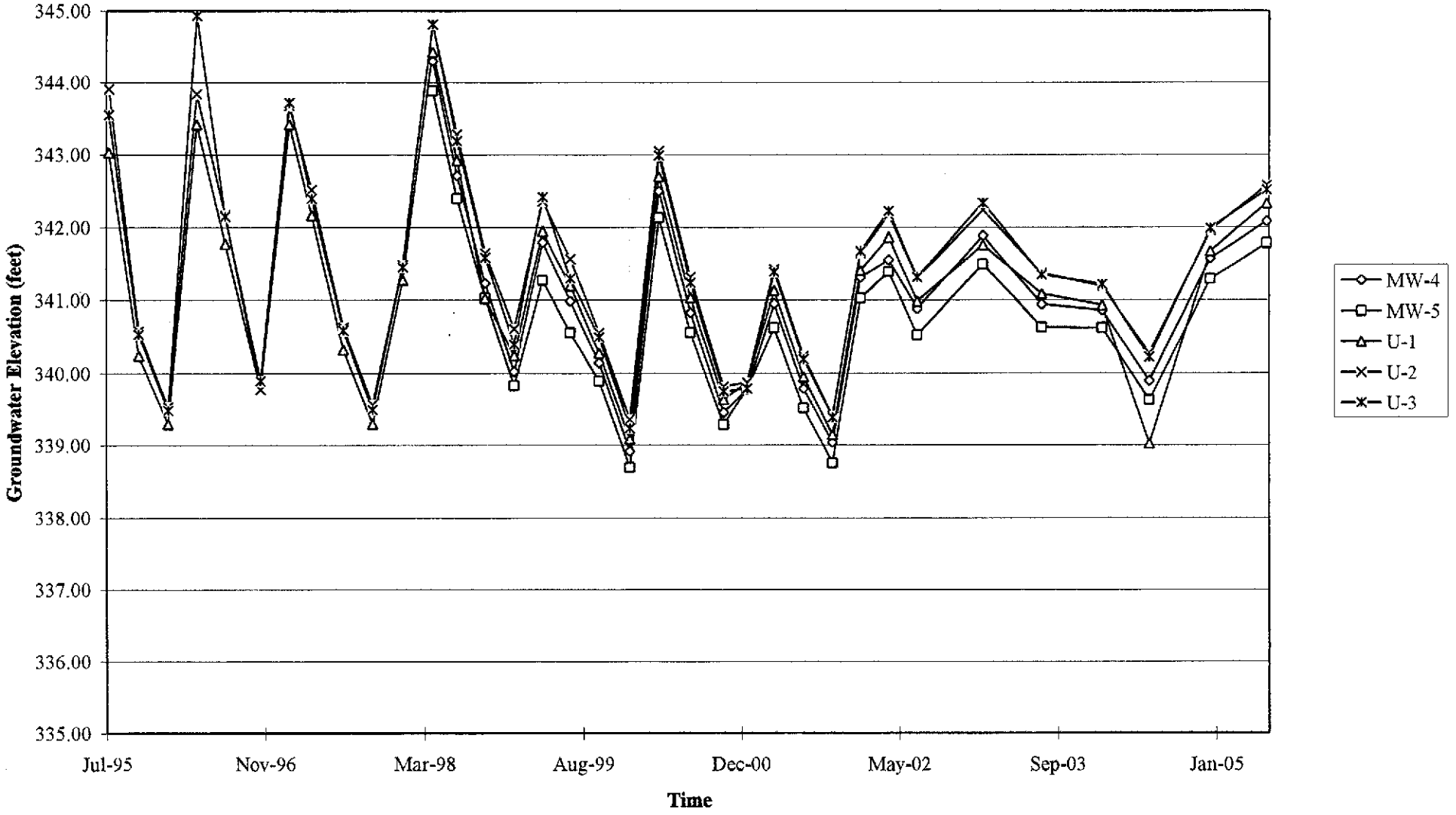
**FIGURE 6**

PS=1:1 7176-003

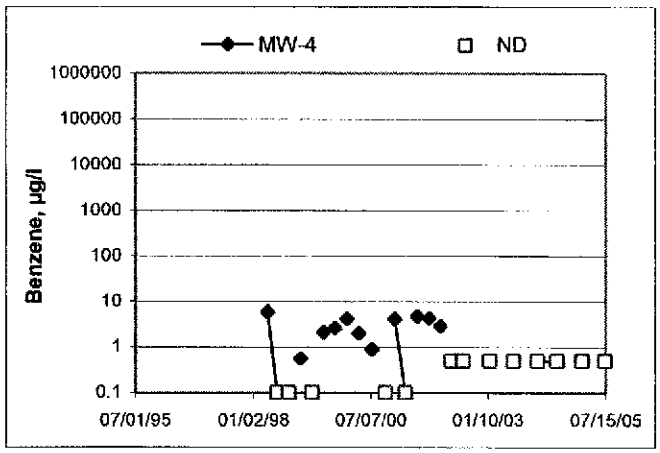
L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7176+\7176-QMS.dwg Aug 31, 2005 - 9:56am mesten

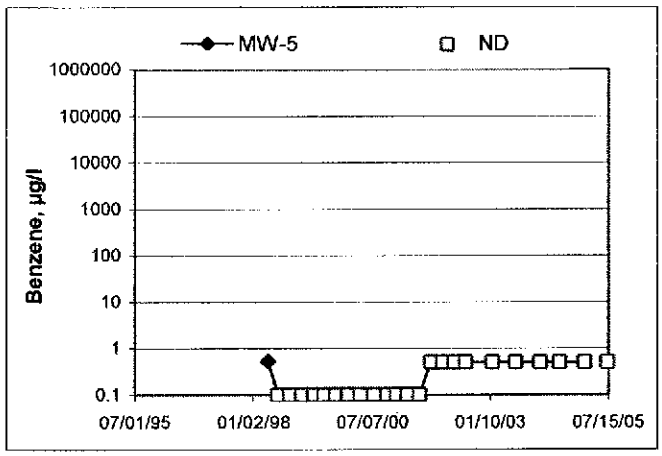
# GRAPHS

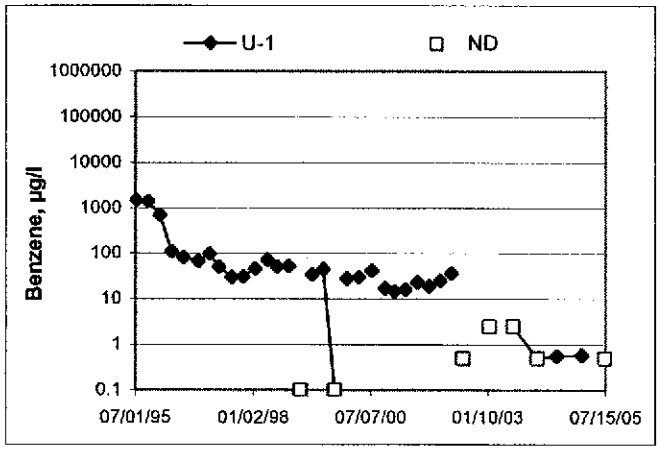
Groundwater Elevations vs. Time
76 Station 7176

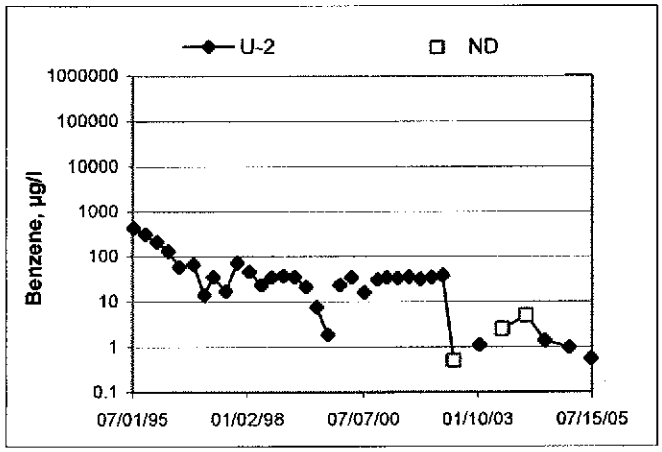


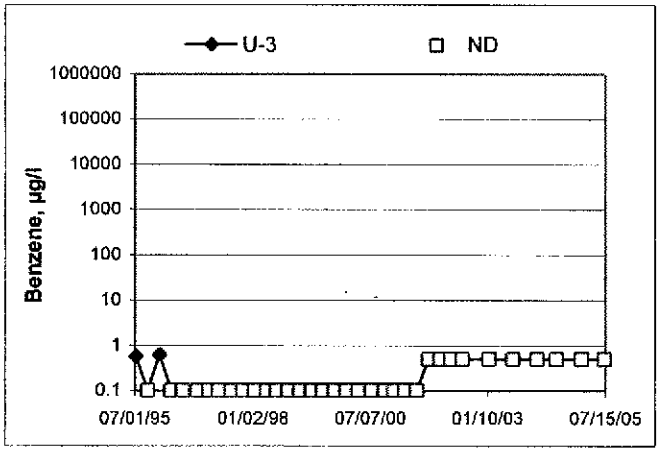
**Benzene Concentrations vs Time**
76 Station 7176



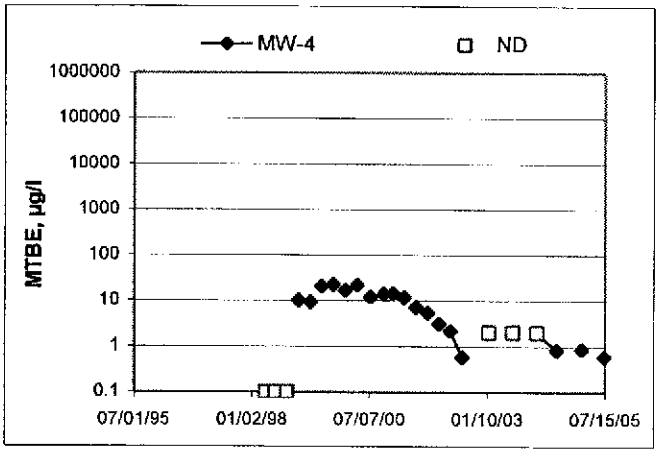



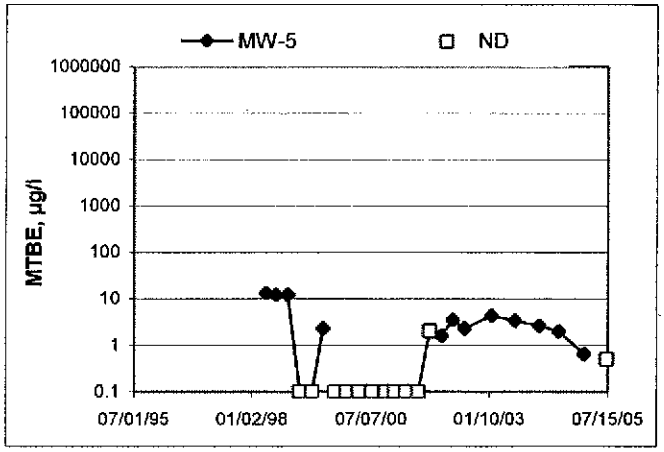



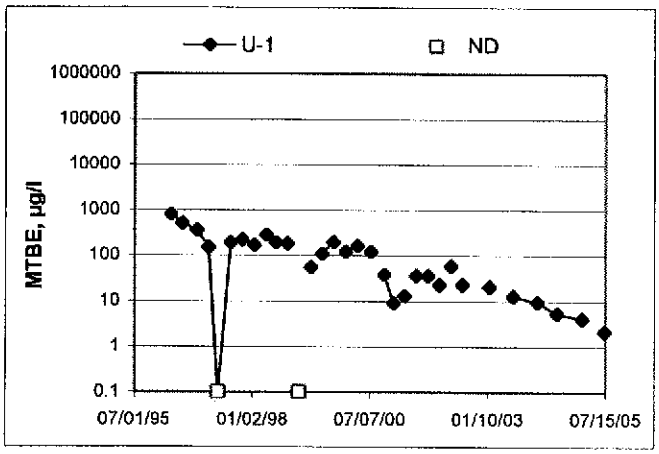



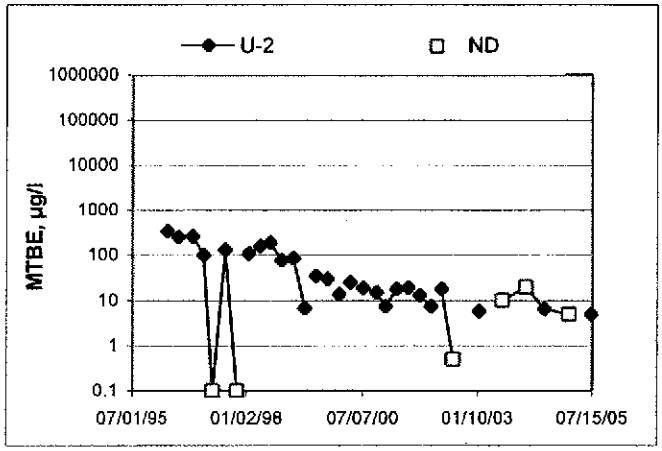
**MTBE Concentrations vs Time**

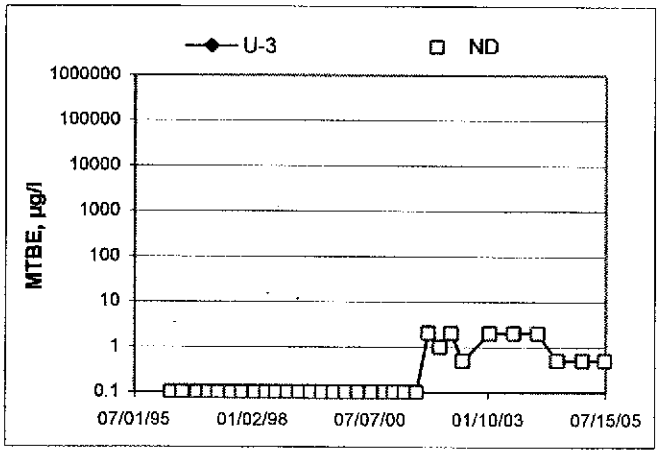
76 Station 7176



# GENERAL FIELD PROCEDURES

**Groundwater Monitoring and Sampling Assignments**

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

**Fluid Level Measurements**

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

**Purging and Groundwater Parameter Measurement**

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric of pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

**Groundwater Sample Collection**

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

**Sequence of Gauging, Purging and Sampling**

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

**Decontamination**

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

**Exceptions**

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

# FIELD MONITORING DATA SHEET

Technician: Melissa Job #/Task #: 41050001/FA20 Date: 07-08-05

Site # 7176 Project Manager A. Collins Page 1 of 1

| Well # | TOC | Time Gauged | Total Depth | Depth to Water | Depth to Product | Product Thickness (feet) | Time Sampled | Misc. Well Notes |
|---|---|---|---|---|---|---|---|---|
| U-3 | ✓ | 0654 | 28.37 | 15.57 | — | — | 0755 | 2" |
| MW-5 | ✓ | 0647 | 24.50 | 13.24 | — | — | 0850 | 2" |
| MW-4 | ✓ | 0658 | 25.32 | 14.33 | — | — | 0822 | 2" |
| U-1 | ✓ | 0702 | 28.97 | 13.26 | — | — | 0913 | 2" |
| U-2 | ✓ | 0706 | 26.34 | 13.97 | ✓ | — | 0932 | 2" |

| | | | |
|---|---|---|---|
| FIELD DATA COMPLETE ✓ | QA/QC | COC ✓ | WELL BOX CONDITION SHEETS ✓ |
| WTT CERTIFICATE | MANIFEST | DRUM INVENTORY ✓ | TRAFFIC CONTROL ✓ |



TRC

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 7176 Project No.: 41050001 Date: 07-07-05

Well No.: MW-4 Purge Method: HB

Depth to Water (feet): 14.33 Depth to Product (feet): 0

Total Depth (feet): 25.32 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.99 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 16.52 1 Well Volume (gallons): 2

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0805 | | | 2 | 1046 | 20.9 | 6.90 | | |
| | | | 4 | 1056 | 20.7 | 6.83 | | |
| | 0815 | | 6 | 1070 | 21.1 | 6.85 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 14.35 | 6 | 0822 |

Comments:

Well No.: U-1 Purge Method: DC

Depth to Water (feet): 13.26 Depth to Product (feet): 0

Total Depth (feet): 28.47 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.21 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 16.30 1 Well Volume (gallons): 3

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0904 | | | 3 | 851 | 21.1 | 6.91 | | |
| | | | 6 | 854 | 21.3 | 6.85 | | |
| | 0905 | | 9 | 868 | 21.3 | 6.81 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 13.41 | 9 | 0913 |

Comments:

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 7176 Project No.: 410500001 Date: 07-08-05

Well No.: U-3 Purge Method: HB

Depth to Water (feet): 15.57 Depth to Product (feet): 0

Total Depth (feet): 28.37 LPH & Water Recovered (gallons): 0

Water Column (feet): 12.80 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 18.13 1 Well Volume (gallons): 2

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F.C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0740 | | | 2 | 1118 | 19.9 | 7.39 | | |
| | | | 4 | 1108 | 20.4 | 7.36 | | |
| | 0749 | | 6 | 1088 | 20.6 | 7.21 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 15.83 | 6 | 0755 |

Comments:

Well No.: MW-5 Purge Method: Dia

Depth to Water (feet): 13.24 Depth to Product (feet): 0

Total Depth (feet): 24.50 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.26 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 15.49 1 Well Volume (gallons): 2

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F.C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0842 | | | 2 | 1016 | 20.8 | 6.37 | | |
| | | | 4 | 1031 | 20.9 | 6.40 | | |
| | 0844 | | 6 | 1037 | 21.1 | 6.55 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 13.29 | 6 | 0850 |

Comments:

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 7176 Project No.: 410500001 Date: 07-08-05

Well No.: U-2
Purge Method: D/T
Depth to Water (feet): 13.97
Depth to Product (feet): 0
Total Depth (feet): 26.34
LPH & Water Recovered (gallons): 0
Water Column (feet): 12.37
Casing Diameter (inches): 2"
80% Recharge Depth (feet): 16.44
1 Well Volume (gallons): 2

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F,C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0921 | | | 2 | 1027 | 21.6 | 6.85 | | |
| | | | 4 | 1025 | 21.3 | 6.83 | | |
| | 0923 | | 6 | 1021 | 21.1 | 6.79 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 13.99 | 6 | 0932 |

Comments:

Well No.:
Purge Method:
Depth to Water (feet):
Depth to Product (feet):
Total Depth (feet):
LPH & Water Recovered (gallons):
Water Column (feet):
Casing Diameter (inches):
80% Recharge Depth (feet):
1 Well Volume (gallons):

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F,C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| | | |

Comments:

SEVERN TRENT STL

**Submission#: 2005-07-0303**

**TRC Alton Geoscience- Irvine**

August 04, 2005

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20
Project: Conoco Phillips # 7176
Site: 7850 Amador Valley Blvd., Dublin

Attached is our report for your samples received on 07/12/2005 18:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 08/26/2005 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,

Dimple Sharma
Project Manager

SEVERN TRENT STL

**Submission: 2005-07-0303**

## Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

### Samples Reported

| Sample Name | Date Sampled | Matrix | Lab # |
|---|---|---|---|
| U-3 | 07/08/2005 07:55 | Water | 1 |
| MW-5 | 07/08/2005 08:50 | Water | 2 |
| MW-4 | 07/08/2005 08:22 | Water | 3 |
| U-1 | 07/08/2005 09:13 | Water | 4 |
| U-2 | 07/08/2005 09:32 | Water | 5 |

# Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 3511 | Test(s): | 8015M |
| Sample ID: | U-3 | Lab ID: | 2005-07-0303 - 1 |
| Sampled: | 07/08/2005 07:55 | Extracted: | 7/21/2005 15:23 |
| Matrix: | Water | QC Batch#: | 2005/07/21-08.10 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| Diesel | ND | 50 | ug/L | 1.00 | 07/23/2005 03:35 | |
| ***Surrogate(s)*** | | | | | | |
| o-Terphenyl | 101.8 | 64-127 | % | 1.00 | 07/23/2005 03:35 | |

## Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 3511 | Test(s): | 8015M |
| Sample ID: | **MW-5** | Lab ID: | 2005-07-0303 - 2 |
| Sampled: | 07/08/2005 08:50 | Extracted: | 7/21/2005 15:23 |
| Matrix: | Water | QC Batch#: | 2005/07/21-08.10 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| Diesel | 220 | 50 | ug/L | 1.00 | 07/23/2005 04:02 | Q2 |
| ***Surrogate(s)*** | | | | | | |
| o-Terphenyl | 100.8 | 64-127 | % | 1.00 | 07/23/2005 04:02 | |

## Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 3511 | Test(s): | 8015M |
| Sample ID: | **MW-4** | Lab ID: | 2005-07-0303 - 3 |
| Sampled: | 07/08/2005 08:22 | Extracted: | 7/21/2005 15:23 |
| Matrix: | Water | QC Batch#: | 2005/07/21-08.10 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| Diesel | 67 | 50 | ug/L | 1.00 | 07/23/2005 04:29 | Q2 |
| ***Surrogate(s)*** | | | | | | |
| o-Terphenyl | 105.7 | 64-127 | % | 1.00 | 07/23/2005 04:29 | |

## Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 3511 | Test(s): | 8015M |
| Sample ID: | **U-1** | Lab ID: | 2005-07-0303 - 4 |
| Sampled: | 07/08/2005 09:13 | Extracted: | 7/21/2005 15:23 |
| Matrix: | Water | QC Batch#: | 2005/07/21-08.10 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| Diesel | 1300 | 50 | ug/L | 1.00 | 07/23/2005 04:56 | Q2 |
| ***Surrogate(s)*** | | | | | | |
| o-Terphenyl | 105.4 | 64-127 | % | 1.00 | 07/23/2005 04:56 | |

# Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 3511 | Test(s): | 8015M |
| Sample ID: | U-2 | Lab ID: | 2005-07-0303 - 5 |
| Sampled: | 07/08/2005 09:32 | Extracted: | 7/21/2005 15:23 |
| Matrix: | Water | QC Batch#: | 2005/07/21-08.10 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| Diesel | 1100 | 50 | ug/L | 1.00 | 07/23/2005 05:24 | Q2 |
| ***Surrogate(s)*** | | | | | | |
| o-Terphenyl | 105.3 | 64-127 | % | 1.00 | 07/23/2005 05:24 | |

# Diesel

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Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 3511 — Test(s): 8015M

**Method Blank** — **Water** — **QC Batch # 2005/07/21-08.10**

MB: 2005/07/21-08.10-001 — Date Extracted: 07/21/2005 15:23

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|---|---|---|---|---|---|
| Diesel | ND | 50 | ug/L | 07/22/2005 17:08 | |
| ***Surrogates(s)*** | | | | | |
| o-Terphenyl | 103.3 | 64-127 | % | 07/22/2005 17:08 | |

# Diesel

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Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 3511 Test(s): 8015M

**Laboratory Control Spike** **Water** **QC Batch # 2005/07/21-08.10**

LCS 2005/07/21-08.10-002 Extracted: 07/21/2005 Analyzed: 07/22/2005 17:35
LCSD 2005/07/21-08.10-003 Extracted: 07/21/2005 Analyzed: 07/22/2005 18:03

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LCS | LCSD | | LCS | LCSD | % | Rec. | RPD | LCS | LCSD |
| Diesel | 484 | 476 | 680 | 71.2 | 70.0 | 1.7 | 60-150 | 25 | | |
| ***Surrogates(s)*** | | | | | | | | | | |
| o-Terphenyl | 1.23 | 1.27 | 1.25 | 98.0 | 101.7 | | 64-127 | 0 | | |

## Diesel

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Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

### Legend and Notes

**Result Flag**

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

SEVERN TRENT STL

**Submission: 2005-07-0303**

# Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Samples Reported

| Sample Name | Date Sampled | Matrix | Lab # |
|---|---|---|---|
| U-3 | 07/08/2005 07:55 | Water | 1 |
| MW-5 | 07/08/2005 08:50 | Water | 2 |
| MW-4 | 07/08/2005 08:22 | Water | 3 |
| U-1 | 07/08/2005 09:13 | Water | 4 |
| U-2 | 07/08/2005 09:32 | Water | 5 |

## Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | **U-3** | Lab ID: | 2005-07-0303 - 1 |
| Sampled: | 07/08/2005 07:55 | Extracted: | 7/21/2005 22:33 |
| Matrix: | Water | QC Batch#: | 2005/07/21-2A.62 |
| pH: | <2 | | |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| GRO (C6-C12) | ND | 50 | ug/L | 1.00 | 07/21/2005 22:33 | Q6 |
| Benzene | ND | 0.50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 07/21/2005 22:33 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 07/21/2005 22:33 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| Di-isopropyl Ether (DIPE) | ND | 0.50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| 1,2-DCA | ND | 0.50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| EDB | ND | 0.50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| Ethanol | ND | 50 | ug/L | 1.00 | 07/21/2005 22:33 | |
| ***Surrogate(s)*** | | | | | | |
| 1,2-Dichloroethane-d4 | 93.5 | 73-130 | % | 1.00 | 07/21/2005 22:33 | |
| Toluene-d8 | 97.0 | 81-114 | % | 1.00 | 07/21/2005 22:33 | |

## Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | **MW-5** | Lab ID: | 2005-07-0303 - 2 |
| Sampled: | 07/08/2005 08:50 | Extracted: | 7/21/2005 23:51 |
| Matrix: | Water | QC Batch#: | 2005/07/21-2A.62 |
| pH: | <2 | | |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| GRO (C6-C12) | ND | 50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 07/21/2005 23:51 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 07/21/2005 23:51 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| Di-isopropyl Ether (DIPE) | ND | 0.50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| 1,2-DCA | ND | 0.50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| EDB | ND | 0.50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| Ethanol | ND | 50 | ug/L | 1.00 | 07/21/2005 23:51 | |
| ***Surrogate(s)*** | | | | | | |
| 1,2-Dichloroethane-d4 | 95.8 | 73-130 | % | 1.00 | 07/21/2005 23:51 | |
| Toluene-d8 | 95.8 | 81-114 | % | 1.00 | 07/21/2005 23:51 | |

SEVERN TRENT STL

**Submission: 2005-07-0303**

## Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | **MW-4** | Lab ID: | 2005-07-0303 - 3 |
| Sampled: | 07/08/2005 08:22 | Extracted: | 7/22/2005 00:17 |
| Matrix: | Water | QC Batch#: | 2005/07/21-2A.62 |
| pH: <2 | | | |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| GRO (C6-C12) | 120 | 50 | ug/L | 1.00 | 07/22/2005 00:17 | Q1 |
| Benzene | ND | 0.50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 07/22/2005 00:17 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 07/22/2005 00:17 | |
| Methyl tert-butyl ether (MTBE) | 0.60 | 0.50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| Di-isopropyl Ether (DIPE) | ND | 0.50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| 1,2-DCA | ND | 0.50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| EDB | ND | 0.50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| Ethanol | ND | 50 | ug/L | 1.00 | 07/22/2005 00:17 | |
| ***Surrogate(s)*** | | | | | | |
| 1,2-Dichloroethane-d4 | 94.7 | 73-130 | % | 1.00 | 07/22/2005 00:17 | |
| Toluene-d8 | 99.0 | 81-114 | % | 1.00 | 07/22/2005 00:17 | |

## Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | **U-1** | Lab ID: | 2005-07-0303 - 4 |
| Sampled: | 07/08/2005 09:13 | Extracted: | 7/22/2005 20:09 |
| Matrix: | Water | QC Batch#: | 2005/07/22-2A.62 |
| pH: | <2 | | |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| GRO (C6-C12) | 3100 | 50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| Ethylbenzene | 4.3 | 0.50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 07/22/2005 20:09 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 07/22/2005 20:09 | |
| Methyl tert-butyl ether (MTBE) | 2.2 | 0.50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| Di-isopropyl Ether (DIPE) | ND | 0.50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| 1,2-DCA | ND | 0.50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| EDB | ND | 0.50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| Ethanol | ND | 50 | ug/L | 1.00 | 07/22/2005 20:09 | |
| ***Surrogate(s)*** | | | | | | |
| 1,2-Dichloroethane-d4 | 96.3 | 73-130 | % | 1.00 | 07/22/2005 20:09 | |
| Toluene-d8 | 97.4 | 81-114 | % | 1.00 | 07/22/2005 20:09 | |

SEVERN TRENT STL

**Submission: 2005-07-0303**

## Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | U-2 | Lab ID: | 2005-07-0303 - 5 |
| Sampled: | 07/08/2005 09:32 | Extracted: | 7/22/2005 01:09<br>7/22/2005 15:35 |
| Matrix: | Water | QC Batch#: | 2005/07/21-2A.62<br>2005/07/22-01.07 |

Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| GRO (C6-C12) | 3000 | 500 | ug/L | 10.00 | 07/22/2005 01:09 | |
| Benzene | 0.56 | 0.50 | ug/L | 1.00 | 07/22/2005 15:35 | |
| Toluene | 1.9 | 0.50 | ug/L | 1.00 | 07/22/2005 15:35 | |
| Ethylbenzene | 3.0 | 0.50 | ug/L | 1.00 | 07/22/2005 15:35 | |
| Total xylenes | 3.2 | 1.0 | ug/L | 1.00 | 07/22/2005 15:35 | |
| tert-Butyl alcohol (TBA) | ND | 50 | ug/L | 10.00 | 07/22/2005 01:09 | |
| Methyl tert-butyl ether (MTBE) | 5.0 | 5.0 | ug/L | 10.00 | 07/22/2005 01:09 | |
| Di-isopropyl Ether (DIPE) | ND | 5.0 | ug/L | 10.00 | 07/22/2005 01:09 | |
| Ethyl tert-butyl ether (ETBE) | ND | 5.0 | ug/L | 10.00 | 07/22/2005 01:09 | |
| tert-Amyl methyl ether (TAME) | ND | 5.0 | ug/L | 10.00 | 07/22/2005 01:09 | |
| 1,2-DCA | ND | 5.0 | ug/L | 10.00 | 07/22/2005 01:09 | |
| EDB | ND | 5.0 | ug/L | 10.00 | 07/22/2005 01:09 | |
| Ethanol | ND | 500 | ug/L | 10.00 | 07/22/2005 01:09 | |
| ***Surrogate(s)*** | | | | | | |
| 1,2-Dichloroethane-d4 | 97.8 | 73-130 | % | 10.00 | 07/22/2005 01:09 | |
| 1,2-Dichloroethane-d4 | 93.0 | 73-130 | % | 1.00 | 07/22/2005 15:35 | |
| Toluene-d8 | 94.7 | 81-114 | % | 1.00 | 07/22/2005 15:35 | |
| Toluene-d8 | 101.4 | 81-114 | % | 10.00 | 07/22/2005 01:09 | |

# Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 5030B — Test(s): 8260B

**Method Blank** — Water — **QC Batch # 2005/07/21-2A.62**

MB: 2005/07/21-2A.62-052 — Date Extracted: 07/21/2005 19:52

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|---|---|---|---|---|---|
| GRO (C6-C12) | ND | 50 | ug/L | 07/21/2005 19:52 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 07/21/2005 19:52 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | ug/L | 07/21/2005 19:52 | |
| Di-isopropyl Ether (DIPE) | ND | 0.5 | ug/L | 07/21/2005 19:52 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.5 | ug/L | 07/21/2005 19:52 | |
| tert-Amyl methyl ether (TAME) | ND | 0.5 | ug/L | 07/21/2005 19:52 | |
| 1,2-DCA | ND | 0.5 | ug/L | 07/21/2005 19:52 | |
| EDB | ND | 0.5 | ug/L | 07/21/2005 19:52 | |
| Benzene | ND | 0.5 | ug/L | 07/21/2005 19:52 | |
| Toluene | ND | 0.5 | ug/L | 07/21/2005 19:52 | |
| Ethylbenzene | ND | 0.5 | ug/L | 07/21/2005 19:52 | |
| Total xylenes | ND | 1.0 | ug/L | 07/21/2005 19:52 | |
| Ethanol | ND | 50 | ug/L | 07/21/2005 19:52 | |
| ***Surrogates(s)*** | | | | | |
| 1,2-Dichloroethane-d4 | 92.0 | 73-130 | % | 07/21/2005 19:52 | |
| Toluene-d8 | 94.0 | 81-114 | % | 07/21/2005 19:52 | |

# Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 5030B
**Method Blank**
MB: 2005/07/22-01.07-003

**Water**

Test(s): 8260B
**QC Batch # 2005/07/22-01.07**
Date Extracted: 07/22/2005 14:31

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|---|---|---|---|---|---|
| Benzene | ND | 0.5 | ug/L | 07/22/2005 14:31 | |
| Toluene | ND | 0.5 | ug/L | 07/22/2005 14:31 | |
| Ethylbenzene | ND | 0.5 | ug/L | 07/22/2005 14:31 | |
| Total xylenes | ND | 1.0 | ug/L | 07/22/2005 14:31 | |
| ***Surrogates(s)*** | | | | | |
| 1,2-Dichloroethane-d4 | 92.2 | 73-130 | % | 07/22/2005 14:31 | |
| Toluene-d8 | 96.4 | 81-114 | % | 07/22/2005 14:31 | |

# Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 5030B — Test(s): 8260B

**Method Blank** — **Water** — **QC Batch # 2005/07/22-2A.62**

MB: 2005/07/22-2A.62-038 — Date Extracted: 07/22/2005 19:38

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|---|---|---|---|---|---|
| GRO (C6-C12) | ND | 50 | ug/L | 07/22/2005 19:38 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 07/22/2005 19:38 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | ug/L | 07/22/2005 19:38 | |
| Di-isopropyl Ether (DIPE) | ND | 0.5 | ug/L | 07/22/2005 19:38 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.5 | ug/L | 07/22/2005 19:38 | |
| tert-Amyl methyl ether (TAME) | ND | 0.5 | ug/L | 07/22/2005 19:38 | |
| 1,2-DCA | ND | 0.5 | ug/L | 07/22/2005 19:38 | |
| EDB | ND | 0.5 | ug/L | 07/22/2005 19:38 | |
| Benzene | ND | 0.5 | ug/L | 07/22/2005 19:38 | |
| Toluene | ND | 0.5 | ug/L | 07/22/2005 19:38 | |
| Ethylbenzene | ND | 0.5 | ug/L | 07/22/2005 19:38 | |
| Total xylenes | ND | 1.0 | ug/L | 07/22/2005 19:38 | |
| Ethanol | ND | 50 | ug/L | 07/22/2005 19:38 | |
| ***Surrogates(s)*** | | | | | |
| 1,2-Dichloroethane-d4 | 94.8 | 73-130 | % | 07/22/2005 19:38 | |
| Toluene-d8 | 96.6 | 81-114 | % | 07/22/2005 19:38 | |

# Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike** **Water** **QC Batch # 2005/07/21-2A.62**

LCS 2005/07/21-2A.62-026 Extracted: 07/21/2005 Analyzed: 07/21/2005 19:26
LCSD

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LCS | LCSD | | LCS | LCSD | % | Rec. | RPD | LCS | LCSD |
| Methyl tert-butyl ether (MTBE) | 23.8 | | 25 | 95.2 | | | 65-165 | 20 | | |
| Benzene | 25.0 | | 25 | 100.0 | | | 69-129 | 20 | | |
| Toluene | 25.4 | | 25 | 101.6 | | | 70-130 | 20 | | |
| ***Surrogates(s)*** | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 432 | | 500 | 86.4 | | | 73-130 | | | |
| Toluene-d8 | 471 | | 500 | 94.2 | | | 81-114 | | | |

# Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 5030B — Test(s): 8260B

**Laboratory Control Spike** — **Water** — **QC Batch # 2005/07/22-01.07**

LCS 2005/07/22-01.07-002 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 14:02
LCSD

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LCS | LCSD | | LCS | LCSD | % | Rec. | RPD | LCS | LCSD |
| Benzene | 21.8 | | 25.0 | 87.2 | | | 69-129 | 20 | | |
| Toluene | 22.5 | | 25.0 | 90.0 | | | 70-130 | 20 | | |
| ***Surrogates(s)*** | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 478 | | 500 | 95.6 | | | 73-130 | | | |
| Toluene-d8 | 489 | | 500 | 97.8 | | | 81-114 | | | |

# Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike** **Water** **QC Batch # 2005/07/22-2A.62**

LCS 2005/07/22-2A.62-045 Extracted: 07/22/2005 Analyzed: 07/22/2005 18:45
LCSD

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LCS | LCSD | | LCS | LCSD | % | Rec. | RPD | LCS | LCSD |
| Methyl tert-butyl ether (MTBE) | 23.6 | | 25 | 94.4 | | | 65-165 | 20 | | |
| Benzene | 25.4 | | 25 | 101.6 | | | 69-129 | 20 | | |
| Toluene | 26.5 | | 25 | 106.0 | | | 70-130 | 20 | | |
| ***Surrogates(s)*** | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 433 | | 500 | 86.6 | | | 73-130 | | | |
| Toluene-d8 | 479 | | 500 | 95.8 | | | 81-114 | | | |

# Gas/BTEX Fuel Oxygenates by 8260B

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 5030B — Test(s): 8260B

**Matrix Spike ( MS / MSD )** — **Water** — **QC Batch # 2005/07/21-2A.62**

U-3 >> MS — Lab ID: 2005-07-0303 - 001

MS: 2005/07/21-2A.62-059 — Extracted: 07/21/2005 — Analyzed: 07/21/2005 22:59 — Dilution: 1.00

MSD: 2005/07/21-2A.62-025 — Extracted: 07/21/2005 — Analyzed: 07/21/2005 23:25 — Dilution: 1.00

| Compound | Conc. ug/L | | | Spk.Level | Recovery % | | | Limits % | | Flags | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MS | MSD | Sample | ug/L | MS | MSD | RPD | Rec. | RPD | MS | MSD |
| Methyl tert-butyl ether | 23.5 | 23.3 | ND | 25 | 94.0 | 93.2 | 0.9 | 65-165 | 20 | | |
| Benzene | 23.8 | 24.6 | ND | 25 | 95.2 | 98.4 | 3.3 | 69-129 | 20 | | |
| Toluene | 24.1 | 25.1 | ND | 25 | 96.4 | 100.4 | 4.1 | 70-130 | 20 | | |
| ***Surrogate(s)*** | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 495 | 465 | | 500 | 99.0 | 93.0 | | 73-130 | | | |
| Toluene-d8 | 493 | 467 | | 500 | 98.6 | 93.4 | | 81-114 | | | |

SEVERN TRENT STL

**Submission: 2005-07-0303**

## Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

### Batch QC Report

Prep(s): 5030B — Test(s): 8260B

**Matrix Spike ( MS / MSD )** — **Water** — **QC Batch # 2005/07/22-01.07**

MS/MSD — Lab ID: 2005-07-0381 - 003

MS: 2005/07/22-01.07-007 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 17:45 — Dilution: 1.00

MSD: 2005/07/22-01.07-008 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 18:15 — Dilution: 1.00

| Compound | Conc. ug/L | | | Spk.Level | Recovery % | | | Limits % | | Flags | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MS | MSD | Sample | ug/L | MS | MSD | RPD | Rec. | RPD | MS | MSD |
| Benzene | 41.8 | 33.8 | 13.0 | 25.0 | 115.2 | 83.2 | 32.3 | 69-129 | 20 | | R1 |
| Toluene | 32.4 | 24.1 | ND | 25.0 | 129.6 | 96.4 | 29.4 | 70-130 | 20 | | R1 |
| ***Surrogate(s)*** | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 467 | 450 | | 500 | 93.4 | 90.0 | | 73-130 | | | |
| Toluene-d8 | 598 | 441 | | 500 | 119.6 | 88.2 | | 81-114 | | S7 | |

# Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 5030B — Test(s): 8260B

**Matrix Spike ( MS / MSD )** — **Water** — **QC Batch # 2005/07/22-2A.62**

MS/MSD — Lab ID: 2005-07-0349 - 004

MS: 2005/07/22-2A.62-027 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 21:27 — Dilution: 1.00

MSD: 2005/07/22-2A.62-053 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 21:53 — Dilution: 1.00

| Compound | Conc. ug/L | | | Spk.Level | Recovery % | | | Limits % | | Flags | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | MS | MSD | Sample | ug/L | MS | MSD | RPD | Rec. | RPD | MS | MSD |
| Methyl tert-butyl ether | 26.1 | 22.7 | ND | 25 | 104.4 | 90.8 | 13.9 | 65-165 | 20 | | |
| Benzene | 27.8 | 24.1 | ND | 25 | 111.2 | 96.4 | 14.3 | 69-129 | 20 | | |
| Toluene | 29.3 | 24.8 | ND | 25 | 117.2 | 99.2 | 16.6 | 70-130 | 20 | | |
| ***Surrogate(s)*** | | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 447 | 457 | | 500 | 89.4 | 91.4 | | 73-130 | | | |
| Toluene-d8 | 486 | 485 | | 500 | 97.3 | 97.0 | | 81-114 | | | |

## Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

### Legend and Notes

**Sample Comment**

Lab ID: 2005-07-0303 -1

Siloxane peaks were found in the sample which are not believed to be gasoline related. If they were to be quantified as gasoline, the concentration would be 68 ug/L.

**Analysis Flag**

L2

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

**Result Flag**

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

Q6

The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

R1

Analyte RPD was out of QC limits.

S7

Surrogate recoveries higher than acceptance limits.

SEVERN TRENT STL

**Submission: 2005-07-0303**

## Diesel (C9-C24) with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

### Samples Reported

| Sample Name | Date Sampled | Matrix | Lab # |
|---|---|---|---|
| MW-5 | 07/08/2005 08:50 | Water | 2 |
| MW-4 | 07/08/2005 08:22 | Water | 3 |
| U-2 | 07/08/2005 09:32 | Water | 5 |

SEVERN TRENT STL

**Submission: 2005-07-0303**

## Diesel (C9-C24) with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 3511 | Test(s): | 8015M |
| Sample ID: | **MW-5** | Lab ID: | 2005-07-0303 - 2 |
| Sampled: | 07/08/2005 08:50 | Extracted: | 7/29/2005 07:04 |
| Matrix: | Water | QC Batch#: | 2005/07/29-01.10 |

Analysis Flag: H1 ( See Legend and Note Section )

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| Diesel | ND | 50 | ug/L | 1.00 | 08/02/2005 14:29 | |
| ***Surrogate(s)*** | | | | | | |
| o-Terphenyl | 81.7 | 60-130 | % | 1.00 | 08/02/2005 14:29 | |

## Diesel (C9-C24) with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

| | | | |
|---|---|---|---|
| Prep(s): | 3511 | Test(s): | 8015M |
| Sample ID: | **MW-4** | Lab ID: | 2005-07-0303 - 3 |
| Sampled: | 07/08/2005 08:22 | Extracted: | 7/29/2005 07:04 |
| Matrix: | Water | QC Batch#: | 2005/07/29-01.10 |

Analysis Flag: H1 ( See Legend and Note Section )

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| Diesel | 67 | 50 | ug/L | 1.00 | 08/02/2005 14:56 | Q2 |
| ***Surrogate(s)*** | | | | | | |
| o-Terphenyl | 89.2 | 60-130 | % | 1.00 | 08/02/2005 14:56 | |

## Diesel (C9-C24) with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

Prep(s): 3511
Sample ID: **U-2**
Sampled: 07/08/2005 09:32
Matrix: Water
Analysis Flag: H1 ( See Legend and Note Section )

Test(s): 8015M
Lab ID: 2005-07-0303 - 5
Extracted: 7/29/2005 07:04
QC Batch#: 2005/07/29-01.10

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---|---|---|---|---|---|---|
| Diesel | 960 | 50 | ug/L | 1.00 | 08/02/2005 15:23 | Q2 |
| ***Surrogate(s)*** | | | | | | |
| o-Terphenyl | 75.8 | 60-130 | % | 1.00 | 08/02/2005 15:23 | |

# Diesel (C9-C24) with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 3511 Test(s): 8015M

**Method Blank** **Water** **QC Batch # 2005/07/29-01.10**

MB: 2005/07/29-01.10-001 Date Extracted: 07/29/2005 07:04

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|---|---|---|---|---|---|
| Diesel | ND | 50 | ug/L | 07/29/2005 17:43 | |
| ***Surrogates(s)*** | | | | | |
| o-Terphenyl | 76.7 | 60-130 | % | 07/29/2005 17:43 | |

# Diesel (C9-C24) with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Batch QC Report

Prep(s): 3511 Test(s): 8015M

**Laboratory Control Spike** **Water** **QC Batch # 2005/07/29-01.10**

LCS 2005/07/29-01.10-002 Extracted: 07/29/2005 Analyzed: 07/29/2005 16:19
LCSD 2005/07/29-01.10-003 Extracted: 07/29/2005 Analyzed: 07/29/2005 16:47

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|---|---|---|---|---|---|---|---|---|---|---|
| | LCS | LCSD | | LCS | LCSD | % | Rec. | RPD | LCS | LCSD |
| Diesel | 443 | 384 | 680 | 65.1 | 56.5 | 14.1 | 60-150 | 25 | | |
| ***Surrogates(s)*** | | | | | | | | | | |
| o-Terphenyl | 1.01 | 1.05 | 1.25 | 81.0 | 84.2 | | 60-130 | 0 | | |

# Diesel (C9-C24) with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7176

Received: 07/12/2005 18:00

Site: 7850 Amador Valley Blvd., Dublin

## Legend and Notes

**Report Comment**

There was no sample left for Diesel silica gel cleanup for U-1.

**Analysis Flag**

H1

Extracted out of holding time.

**Result Flag**

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

115887

# ConocoPhillips Chain Of Custody Record

STL-San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: 2008-07-0303
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips Work Order Number: 163STRC501
ConocoPhillips Cost Object:

DATE: 07-08-05
PAGE: 1 of 1

| | |
|---|---|
| SAMPLER'S COMPANY: TRC | Valid Vision ID: |
| ADDRESS: 21 Technology Drive, Irvine CA 92618 | |
| PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan | |
| TELEPHONE: 949-341-7440 | FAX: 949-753-0111 |
| E-MAIL: afarfan@trcsolutions.com | |
| SAMPLER NAME(S) (Print): M. Nelson | CONSULTANT PROJECT NUMBER: 41050001/FA20 |
| CONOCOPHILLIPS SITE NUMBER: 7176 | GLOBAL ID NO: T0600101883 |
| SITE ADDRESS (Street and City): 7850 Amador Valley Blvd Dublin | CONOCOPHILLIPS SITE MANAGER: Shelby Lathrop |
| EDF DELIVERABLE TO (If Different): Peter Thomson, TRC pthomson@trcsolutions.com | PHONE NO.: 949-341-7408 |
| E-MAIL: | LAB USE ONLY |

TURNAROUND TIME (CALENDAR DAYS): ☐ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑
"Run TPH-D with Silica Gel Cleanup on Hits."

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

| LAB USE ONLY | Sample Identification/Field Point Name* | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT | 8015m - TPH-d Extractable | 8260B - TPHg/BTEX/MBE | 8260B - TPHg / BTEX / 3 Oxygenates | 8260B - TPHg / BTEX / 3 oxygenates + methanol (8015M) | 8260B - Full Scan VOCs (does not include oxygenates) | 8270C - Semi-Volatiles | 8015M / 8021B - TPHg/BTEX/MBE | Lead ☐Total ☐STLC ☐TCLP | TPH-D by 8015M | TPH by 8260B | BTEX/MTBE by 8260B | 8OXYS by 8260B | FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | U-3 | 07/07 | 0755 | GW | 6 | | | | | | | | | X | X | X | X | 3 voas w/HCl 3 voas unpreserved |
| | MW-5 | | 0850 | | | | | | | | | | | | | | | |
| | MW-4 | | 0852 | | | | | | | | | | | | | | | |
| | U-1 | | 0913 | | | | | | | | | | | | | | | |
| | U-2 | | 0932 | | | | | | | | | | | | | | | |

TEMPERATURE ON RECEIPT C°: 3

| | | | |
|---|---|---|---|
| Relinquished by (Signature): | Received by (Signature): Refrigerator | Date: 07-09-05 | Time: 1045 |
| Relinquished by (Signature): | Received by (Signature): | Date: 07-12-05 | Time: 1800 |
| Relinquished by (Signature): | Received by (Signature): | Date: | Time: |

CHAIN Revised

## STATEMENTS

### Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Doc umentation of compliance with ConocoPhillips requirements is provided by an ESD Form R -149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid -phase hydrocarbons was accumulated separately in drums for transport ation and disposal by Filter Recycling, Inc.

### Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional o pinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.