



Atlantic Richfield Company (a BP affiliated company)

P.O. Box 1257 San Ramon, CA 94583 Phone: (925) 275-3801 Fax: (925) 275-3815

27 July 2007

Re: Second Quarter 2007 Ground-Water Monitoring Report Former Atlantic Richfield Company Station #6002

6235 Seminary Avenue Oakland, California ACEH Case #RO0000163

2:43 pm, Jul 31, 2007

Alameda County Environmental Health



"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct."

Submitted by:

Paul Supple

Environmental Business Manger

Second Quarter 2007 Ground-Water Monitoring Report Former Atlantic Richfield Company Station #6002 6235 Seminary Avenue Oakland, California

Prepared for

Mr. Paul Supple Environmental Business Manager Atlantic Richfield Company P.O. Box 1257 San Ramon, California 94583

Prepared by



1324 Mangrove Avenue, Suite 212 Chico, California 95926 (530) 566-1400 www.broadbentinc.com

27 July 2007

Project No. 06-08-634

Broadbent & Associates, Inc. 1324 Mangrove Ave., Suite 212 Chico, CA 95926 Voice (530) 566-1400 Fax (530) 566-1401



27 July 2007

Project No. 06-08-634

Atlantic Richfield Company P.O. Box 1257 San Ramon, CA 94583 Submitted via ENFOS

Attn.: Mr. Paul Supple

Re:

Second Quarter 2007 Ground-Water Monitoring Report, Former Atlantic Richfield Company (a BP affiliated company) Station #6002, 6235 Seminary Avenue, Oakland, Alameda County, California; ACEH Case #RO0000163

Dear Mr. Supple:

Attached is the *Second Quarter 2007 Ground-Water Monitoring Report* for Former Atlantic Richfield Company Station #6002 (herein referred to as Station #6002) located at 6235 Seminary Avenue, Oakland, California (Site). This report presents a summary of results from ground-water monitoring and sampling conducted during the Second Quarter of 2007.

Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Thomas A. Venus, P.E.

Senior Engineer

Robert H. Miller, P.G., C.HG. Principal Hydrogeologist

Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)

Electronic copy uploaded to GeoTracker

ARIZONA CALIFORNIA

NEVADA

TEXAS

ROBERT H. MILLER

STATION # 6002 OUARTERLY GROUND-WATER MONITORING REPORT

Facility: #6002 Address: 6235 Seminary Avenue

Mr. Paul Supple Environmental Business Manager: Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus Consulting Co./Contact Persons:

(530) 566-1400

06-08-634 Consultant Project No.:

Alameda County Environmental Health (ACEH) Primary Agency/Regulatory ID No.:

ACEH Case #RO0000163

Facility Permits/Permitting Agency:

WORK PERFORMED THIS OUARTER (Second Quarter 2007):

1. Prepared and submitted the First Quarter 2007 Ground-Water Monitoring Report.

2. Conducted ground-water monitoring/sampling for Second Quarter 2007. Work performed by Stratus Environmental, Inc. (Stratus) on 9 May 2007.

WORK PROPOSED FOR NEXT OUARTER (Third Ouarter 2007):

1. Prepared and submitted this Second Quarter 2007 Ground-Water Monitoring Report (contained herein).

2. Conduct ground-water monitoring/sampling for Third Quarter 2007.

OUARTERLY RESULTS SUMMARY:

Current phase of project: **Ground-Water Monitoring/Sampling** Frequency of ground-water Quarterly: Wells MW-3, MW-4, MW-5, MW-6, MW-7, monitoring: MW-8, VW-1, VW-3, VW-4 Quarterly: Wells MW-5, VW-1, VW-4

Frequency of ground-water sampling:

Annually (3Q): Wells MW-3, MW-4, MW-6, MW-7, MW-8

Is free product (FP) present on-site: Approximately 370 cubic yards of TPH-impacted soil Bulk Soil removed to Date: Current remediation techniques: 7.03 ft (MW-6) to 12.50 ft (MW-5)

Depth to ground water (below TOC): General ground-water flow direction: West

Approximate hydraulic gradient: 0.05 ft/ft

DISCUSSION:

Second quarter 2007 ground-water monitoring and sampling was conducted at Former ARCO Service Station #6002 on 9 May 2007 by Stratus personnel. Water levels were gauged in eight of the nine wells associated with Station #6002. A depth to water measurement was not taken from well MW-8 because a car was parked over the well. No other significant irregularities were noted during water level gauging. Depth to water measurements ranged from 7.03 ft at MW-6 to 12.50 ft. at MW-5. Resulting ground-water surface elevations ranged from 250.91 ft above mean sea level in up-gradient well MW-6 to 230.04 ft at down-gradient well MW-7. Water level elevations were within the historic minimum and maximum ranges, as summarized in Table 1. Water level elevations yielded a potentiometric groundwater flow direction and gradient to the west at approximately 0.05 ft/ft, generally consistent with the historic general flow directions and gradients. Ground-water monitoring field data sheets are provided within Appendix A. Measured depths to water and respective ground-water elevations are summarized in

Table 1. Potentiometric ground-water elevation contours are presented in Drawing 1. Historic flow directions and gradients are summarized in Table 3.

Consistent with the current ground-water sampling schedule, water samples were collected from wells MW-5, VW-1, and VW-4. No irregularities were noted during sampling. Samples were submitted under chain-of-custody documentation to Test America Analytical Testing Corporation (Morgan Hill, California) for analysis of Gasoline Range Organics (GRO, C4-C12) by LUFT GCMS method; Benzene, Toluene, Ethylbenzene, and Total Xylenes by EPA Method 8260B; and tert-Amyl methyl ether, tert-Butyl alcohol (TBA), Di-isopropyl ether, 1,2-Dibromomethane, 1,2-Dichloroethane, Ethanol, Ethyl tert-butyl ether (ETBE), and Methyl tert-butyl ether (MTBE) by EPA Method 8260B. No significant irregularities were noted during analysis of the samples by the laboratory. Ground-water sampling field data sheets and the laboratory analytical report, including chain-of-custody documentation, are provided in Appendix A.

Gasoline Range Organics were detected above the laboratory reporting limit in two of the three wells sampled this quarter at concentrations up to 4,400 micrograms per liter (μg/L) in MW-5. Ethylbenzene was detected above the laboratory reporting limit in one of the three wells sampled at a concentration of 4.9 μg/L in well MW-5. Total Xylenes were detected above the laboratory reporting limit in one of the three wells sampled at a concentration of 1.5 μg/L in well MW-5. TBA was detected above laboratory reporting limits in two of the three wells sampled at concentrations up to 410 μg/L in well VW-4. MTBE was detected above the laboratory reporting limit in each of the wells sampled at concentrations up to 31 μg/L in MW-5. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the three wells sampled this quarter. Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well. Historic laboratory analytical results are summarized in Table 1 and Table 2. The most recent GRO, Benzene, and MTBE concentrations are also presented in Drawing 1. A copy of the Laboratory Analytical Report, including chain-of-custody documentation, is provided in Appendix A. Ground-water monitoring data (GEO_WELL) and laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation pages are provided in Appendix B.

CLOSURE:

The findings presented in this report are based upon: observations of Stratus field personnel (see Appendix A), the points investigated, and results of laboratory tests performed by Test America. Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No other warranty, expressed or implied was made. This report has been prepared for the exclusive use of Atlantic Richfield Company. It is possible that variations in soil or ground-water conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

ATTACHMENTS:

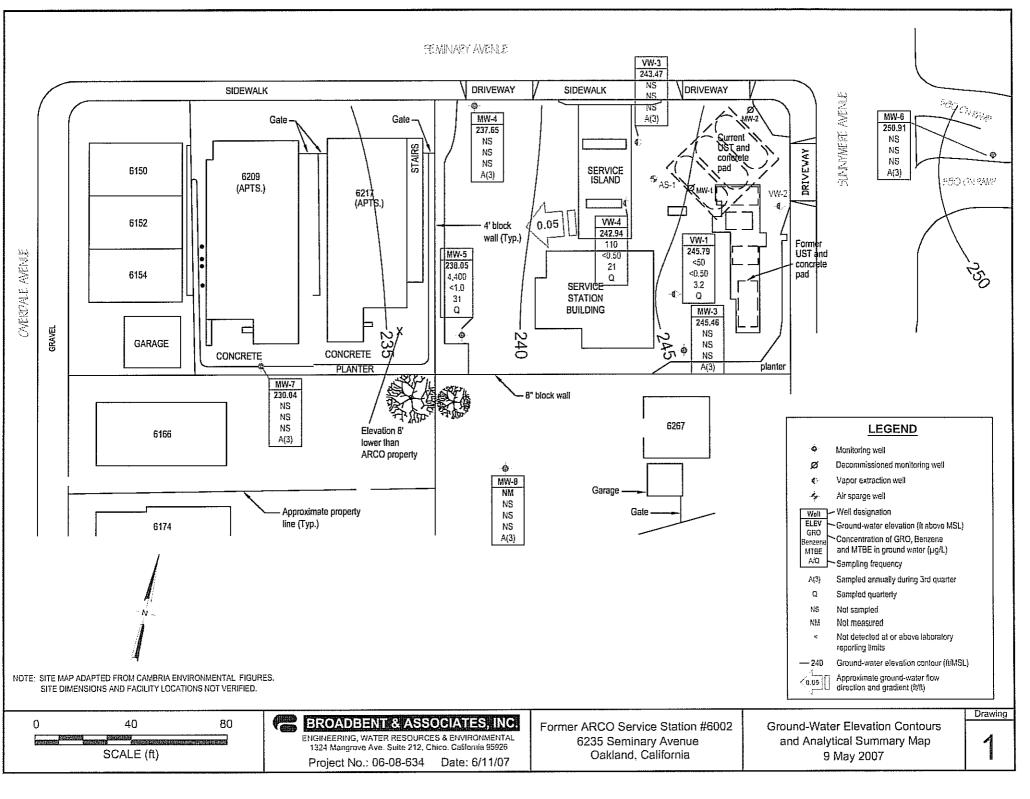
- Drawing 1. Ground-Water Elevation Contours and Analytical Summary Map, 9 May 2007, Former ARCO Service Station #6002, 6235 Seminary Avenue, Oakland, California
- Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #6002, 6235 Seminary Ave., Oakland, CA
- Table 2. Summary of Fuel Additives Analytical Data, Station #6002, 6235 Seminary Ave., Oakland, CA

Page 3

Table 3. Historical Ground-Water Flow Direction and Gradient, Station #6002, 6235 Seminary Avenue, Oakland, CA

Appendix A. Stratus Ground-Water Sampling Data Package (Includes Field Data Sheets and Laboratory Analytical Report with Chain-of-Custody Documentation)

Appendix B. GeoTracker Upload Confirmation



| | | | | Top of | Bottom of | | Product | Water Level | | С | oncentrati | ons in (μg/ | L) | | | |
|-----------------------|--------------------|-----------------------------------------------------------------------------------------------------------------|------------------|------------|--------------|------------|----------------------------------------|-------------|------------------|------------------|-----------------------------------------|--------------|----------|----------------------------------------|----------|----------------|
| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | _ | m) | Ethyl- | Total | | DO | . |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pH |
| AS-1 | | | | | | | | | | | | | | | | |
| 6/29/1995 | | | | 20.0 | 22.0 | 9.20 | | | <50 | 1,6 | <0.5 | 0.9 | 0.9 | | | |
| MW-1 | | | | | | | | | | | | | | | | |
| 3/15/1995 | | | 247.06 | 45 | 24.5 | 737 | | 239.69 | 13,000 | 1,200 | 44 | 770 | 1,100 | | | |
| 5/30/1995 | | \$1432416364636423645662944444424125 | 247.06 | 4.5 | 24.5 | 8.48 | | 238.58 | 19,000 | 1,600 | 30 | 890 | 1,400 | | | |
| 9/1/1995 | | | 247.06 | 4.5 | 24.5 | 9,47 | | 237.59 | 14,000 | 1,300 | 28 | 480 | 780 | 24,000 | | |
| 11/13/1995 | | a, b | 247.06 | 4.5 | 24.5 | 8.78 | | 238.28 | 11,000 | 570 | 17 | 260 | 410 | 25,000 | | |
| 2/23/1996 | | d diffille | 247,06 | 45.4 | 24.5 | | | | | | | | | | | |
| MW-2 | | | | | | | | | | | | | | | | |
| 3/15/1995 | | | 249.30 | 5.0 | | 8.25 | ###################################### | 241.05 | <50 | <0.5 | <0.5 | ≮0.5 | <0.5 | | | |
| 5/30/1995 | | | 249.30 | 5.0 | 17.5 | 9.93 | | 239.37 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | | | |
| 9/1/1995 | | | 249,30 | 5.0 | 175 | 10,69 | | 238.61 | <5 0 | <0.5 | <0.5 | ₹0.5 | <0.5 | 3 | | |
| 11/13/1995 | | | 249.30 | 5.0 | 17.5 | 10.32 | | 238.98 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | Interstuternen | | |
| 2/23/1996 | | | 249,30 | 50 | 17.5 | | | | | Allender Andreas | | | | | | |
| MW-3 | | | | | | | | | | | | | | | | |
| 3/15/1995 | | | 248:35 | 3.0 | 24.5 | 6.76 | | 241.59 | <50 | <0.5 | ≰0.5 | <0.5 | <0.5 | | | 15775145551451 |
| 5/30/1995 | | | 248.35 | 5.0 | 24.5 | 7.81 | | 240.54 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | | |
| 9/1/1995 | | | 248.35 | 5.0 | 24.5 | 8.65 | | 239.70 | ~50 | <0.5 | ≤0,5 | <0.5 | <0.5 | 3 | 11 + 11 | |
| 11/13/1995 | | 111001210111111111111111111111111111111 | 248.35 | 5.0 | 24.5 | 8.25 | | 240.10 | 120 | 45 | 0.7 | <0.5 | 6.2 | | | |
| 2/23/1996 | | | 24835 | 5.0 | 24.5 | 6.64 | | 241.71 | ≲50 | <0.5 | <0.5 | 0.6 | 1.9 | ব | | |
| 5/10/1996 | Muhopatosiasia | | 248.35 | 5.0 | 24.5 | 7.95 | 2550200977772270407777 | 240.40 | _ | | ::::::::::::::::::::::::::::::::::: | ousement | | | | |
| 8/9/1996 11/8/1996 | | | 248.35 248.35 | 5.0 5.0 | 24.5 24.5 | 8.06 | | 240.29 | | | | | | | | |
| 3/21/1997 | | e aguenumumumumu | 248.33 248.35 | 5.0 | 24.5 | 8.21 | | | <50 | <0.5 | <0.5 | | <0.5 | - | <u> </u> | |
| 5/27/1997 | | | 248.35 | 5.0 | 24.5 | 8.25 | | 240.10 | | | 4) 45 Mariana | | | | | Principalis |
| 8/5/1997 | | | 248.35 | 5.0 | 24.5 | 8129 | | 240.06 | | | | | | | | |
| 10/29/1997 | 1810 | | 248.35 | 5.0 | 24.5 | 8.58 | nu saanna lääneläinä | 239.77 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | ************************************** | | |
| 2/25/1998 | | | 248.35 | 5.0 | 24.5 | 7.69 | | 240.66 | | <0.5 | <0.5 | <0.5 | <0.5 | | | |
| 5/12/1998 | | # 11 c 14 d 15 d | 248.35 | 5,0 | 24.5 | 8.20 | | 240.15 | | | | | | | | |
| 7/28/1998 | | | 248.35 | 5.0 | 24.5 | 8.55 | | 239.80 | | 10,10 | | | | 22. | | |

| | ** | *** | | Top of | Bettom of | | Product | Water Level | | C | oncentratio | ons in (μg/ | L) | | | |
|-------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------|--------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------|---------|-------------|-------------|---------------------|--------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | İ |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | ТРНд | Benzene | Toluenc | Benzene | Xylenes | MtBE | (mg/L) | pН |
| MW-3 Cont. | | | | | | | | | | | | | - Company | | | |
| 10/27/1998 | | | 248.35 | 5.0 | 245 | 8.30 | | 240.05 | | | | | | | | Chicago and a control of the control |
| 2/8/1999 | | | 248.35 | 5.0 | 24.5 | 7.90 | | 240.45 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | | |
| 6/1/1999 | | | 248,35 | 5.0 | 24.5 | 8,40 | | 239.95 | | | | | | | | |
| 8/25/1999 | | ENCERNISES EN PROPERTIES DE LA CONTRACTION DEL CONTRACTION DE LA C | 248.35 | 5.0 | 24.5 | 8.49 | | 239.86 | | | | | | - | 1.67 | |
| 10/29/1999 | | | 248.35 | 5.0 | 24,5 | 8.52 | | 239,83 | | | | | | | 6.9 | |
| 2/16/2000 | NP | | 248.35 | 5.0 | 24.5 | 8.03 | | 240.32 | <50 | <0.5 | 0.8 | <0.5 | <1 | <3 | 8.51 | |
| 6/23/2000 | | | 248.35 | 5.0 | 245 | 7.55 | | 240.80 | | | | | | | 2.1 | |
| 8/17/2000 | | | 248.35 | 5.0 | 24.5 | 8.65 | | 239.70 | | - | | | 1704414710444477777 | | 1.1 | 064045556 |
| 11/10/2000 | | | 248.35 | 5.0 | 24.5 | 7.19 | The state of the s | 241.16 | | | | | | | | |
| 2/12/2001 | NP | | 248.35 | 5.0 | 24.5 | 8.60 | - | 239.75 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | 0.81 | - |
| 4/13/2001 | | | 248 35 | 5.0 | 24.5 | 6.13 | | 242,22 | | | | | | 27771114 - 1071111111111111111111111111111111111 | | |
| 7/18/2001 | | | 248.35 | 5.0 | 24.5 | 6.47 | | 241.88 | | | | | | | 3884488 | |
| 10/1/2001 | | 1000 VIII 000 100 100 100 100 100 100 100 100 | 248.35 | 5.0 | 24.5 | 6.99 | | 241.36 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | | |
| 1/14/2002 | NP | | 248.35 | 5.0 | 24.5 | 5.47 6.95 | | 242.88 241.40 | ~ ~ 0 * * * * * * * * * * * * * * * * * * * | ~U.3U | | | ٥٠.٥٠ | | | Character and |
| 4/3/2002 | | | 248:35 | 5.0 | 24.5 24.5 | 8.78 | | 239.57 | | | | | | | | |
| 8/8/2002 | | | 248.35 248.35 | 5.0 5.0 | 24.5 24.5 | 8.52 | | 239.83 | | | | | | | | |
| 11/27/2002 2/10/2003 | NP | | 248.35 | 5.0 | 24.5 | 8.40 | | 239.95 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.7 | 6.4 |
| 2/10/2003 6/3/2003 | | | 248.35 | 5.0 | 24.5 | 8.40 | | 239.95 | | | | | | | -sero-sec Delatities. | |
| 8/14/2003 | | 200 min of round of donar of district in the control of the contro | 248,35 | 5.0 | 24.5 | 8.60 | | 239.75 | | | | | | | | |
| 11/13/2003 | | | 248.35 | 5.0 | 24.5 | 8,41 | | 239 94 | | | | | | | | |
| 02/13/2004 | | | 253.88 | 5.0 | 24.5 | 8.40 | | 245.48 | | | | - | | 0 118122mentayrn-1911 | | |
| 05/05/2004 | | | 253.88 | 50 | 245 | 8.28 | | 245,60 | | | | | | | | |
| 08/30/2004 | NP | | 253.88 | 5.0 | 24.5 | 10.32 | | 243.56 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.72 | 1.4 | 6.4 |
| 11/08/2004 | | | 253,88 | 5.0 | 24,5 | 8,12 | | 245.76 | | | | | | | | |
| 02/07/2005 | | | 253.88 | 5.0 | 24.5 | 8.20 | <u>-</u> | 245.68 | ** | | | | | | | |
| 05/09/2005 | | | 253.88 | 5:0 | 24.5 | 8.23 | | 245.65 | | 144 | | | - | | | |
| 08/11/2005 | NP | | 253.88 | 5.0 | 24.5 | 8.72 | | 245.16 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.73 | 1.6 | 6.1 |
| 12/02/2005 | | | 253.88 | 5.0 | 24,5 | 8.15 | | 245.73 | | | | | | | | |
| 02/15/2006 | 1 331 H31 H31 H32 | FL 1.025.30 21. / FEELT (A FANC SAID | 253.88 | 5.0 | 24.5 | 8.23 | | 245.65 | | | | | | | | Lessonanies |
| 5/19/2006 | | | 253.88 | 5.0 | 24,5 | 8.38 | | 245.50 | | | | | | | | |

| | | III de la constanta de la cons | | Top of | Bottom of | - Avadous district | Product | Water Level | | С | oncentrati | ons in (µg/ | L) | | | |
|-------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------|--------------|--------------------|------------------------------------|---------------------------|--------------|-------------|-----------------------------------------|-------------|---------------------------------------|--------------|----------------------------------------|-----------------|
| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | l | *************************************** | Ethyl- | Total |] | ро | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | ТРНд | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | рH |
| MW-3 Cont. | | | | | | official transfer | | | | | | | | | | |
| 8/25/2006 | P | | 253.88 | 5.0 | 24.5 | 8.59 | | 245 29 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.15 | 62 |
| 11/2/2006 | | action Pictor Strict Colors had to I market to Market | 253.88 | 5.0 | 24.5 | 8.65 | | 245.23 | •• | - | | | | | - | |
| 2/6/2007 | | | 253.88 | 5.0 | 24,5 | 8.38 | | 245.50 | | | | | | | | |
| 5/9/2007 | | ALISATEDA LEGISTATAN EPOLOGISTA ELISATE | 253.88 | 5.0 | 24.5 | 8.42 | | 245.46 | | - | — — | | | | | |
| MW-4 | | | | | | | | | | | | | | | | |
| 3/15/1995 | | | 242.91 | 4.5 | 24.5 | 937 | mustruorinasika Ullingi alamban | 238.54 | 450 | <0.5 | <0.5 | <0.5 | <0.5 | | | |
| 5/30/1995 | | | 242.91 | 4.5 | 24.5 | 11.47 | | 231.44 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | | - |
| 9/1/1995 | | | 242.91 | 4.5 | 24.5 | 12.28 | | 230.63 | 78. | <0.5 | 0.7 | <0.5 | <0.5 | ₹3. | | |
| 11/13/1995 | | | 242.91 | 4.5 | 24.5 | 11.75 | | 231.16 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | - | | |
| 2/23/1996 | | | 242.91 | 45 | 24.5 | 851 | | 234,40 | 59 | 12 | | 1.6 | 9.3 | -3 | | |
| 5/10/1996 | | ENICIAL PRANTS (PERINCIP SECURIO CONTRA | 242.91 | 4.5 | 24.5 | 11.35 | ** | 231.56 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | *** | - |
| 8/9/1996 | | | 242.91 | 4.5 | 24.5 | 9.70 | | 233 21 | <50 | <0,5 | <0.5 | <0.5 | <0.5 | l d | | |
| 11/8/1996 | | | 242.91 | 4.5 | 24.5 | 11.79 | | 231.12 | <50 | <0.5 | <0.5 | < 0.5 | <0.5 | <3 | | |
| 3/21/1997 | | | 242/91 | 4.5 | 24.5 | 10.94 | | 231,97 | <50 | <0.5 | <0.5 | <0.5 | | 81 | | |
| 5/27/1997 | | Teanographeedscaledijadeskijdigigi | 242.91 | 4.5 | 24.5 24.5 | 11.51 11.90 | | 231.40 231.01 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | - | |
| 8/5/1997 | | | 242.91 | 4.5 4.5 | | 12.00 | | | <50 <50 | <0.5 | ≤0.5 <0.5 | ≼0.5i | <0.5 | | | |
| 10/29/1997 2/25/1998 | | | 242.91 242.91 | 4.5 4.5 | 24.5 24.5 | 8.34 | | 230.91 234.57 | <50 <50 | | C.U 0.9 | <0.5 | <0.5 0.9 | <3 4 | | Lisjatinasjine |
| 5/12/1998 | | | 242.91 | 4.5 | 24.5 | 10.93 | | 231.98 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | | |
| 7/28/1998 | | | 242.91 | 45 | 24.5 | 12.08 | | 230.83 | -30 -30 | C.0 <0.5 | <0.5 | <0.5 | <0.5 <0.5 | ~3 ~3 | | |
| 10/27/1998 | | | 242.91 | 4.5 | 24.5 | 11.40 | | 231.51 | <5.000 | <50 | <50 | 160 | 64 | 6,400 | | |
| 2/8/1999 | | | 242.91 | 4.5 | 24.5 | 8.40 | | 254.51 | <50 | <0.5 | 203 | ₹0.5 | <0.5 | 3 | | |
| 6/1/1999 | NP | | 242.91 | 4.5 | 24.5 | 11.93 | | 230.98 | ™™™™ <50 | <0.5 | <0.5 | <0.5 | <0.5 | | ###################################### | 6.26 |
| 8/25/1999 | NP | | 242 91 | 4.5 | 24.5 | 12.21 | | 230.70 | <50 | <0.5 | <0.5 | ₹0.5 | <0.5 | i ka | 1.29 | 6.34 |
| 10/29/1999 | NP | | 242,91 | 4.5 | 24.5 | 12.37 | | 230.54 | <50 | <0.5 | <0.5 | <0.5 | ///////////////////////////////////// | | 1.5 | 5.60 |
| 2/16/2000 | NP | | 242,91 | 4.5 | 24.5 | 7.45 | | 235.46 | K50 | *0 5 | <0.5 | <0.5 | | | 2.38 | |
| 6/23/2000 | NP | artikiraludenenesis | 242.91 | 4.5 | 24.5 | 12.31 | iloloisilineiniiliiliilii | 230.60 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.50 | 2,8 | 12611(6251)11() |
| 8/17/2000 | NP | | 242 91 | 4.5 | 24.5 | 11.92 | | 230.99 | | <0.50 | i-<0.50 | | ≮0.50 | ≰2 50 | 2.38 | |
| 8/17/2000 | | f | 242.91 | 4.5 | 24.5 | - | | Parlamantetetkäininin | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.50 | ###################################### | |
| 11/10/2000 | NP | | 242,91 | 4.5 | 24.5 | 10.80 | | 232.11 | \$50 | ≤0.50 | <0.50 | <0.50 | ं<0.50 | ≤2.50 | 1.55 | |

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6002, 6235 Seminary Ave., Oakland, CA

| | | | | Top of | Bottom of | | Product | Water Level | | С | oncentrati | ons in (µg/ | L) | | | |
|--------------------------|-------|-------------------------------------|------------------|------------|--------------|----------------|-----------|------------------|-----------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------|-----------------|-------------------|----------------|-----------------------------------------|----------|
| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pН |
| MW-4 Cont. | | | | | | | | | | | | | | | | |
| 2/12/2001 | NP F | | 242 91 | 4.5 | 245 | 11.65 | | 231,26 | ≤50 | <0.50 | <0.50 | ≮0.50 | i≓0i50 | <2.50 | 1,12 | |
| 4/13/2001 | NP | | 242.91 | 4.5 | 24.5 | 8.17 | | 234.74 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.50 | | |
| 4/13/2001 | | | 242.91 | 45 | 24.5 | | | | 450 | <0.50 | ≤0.50 | <0.50 | <0.50 | ≤2.50 | | |
| 7/18/2001 | NP | Econolistical Value (1920 Languages | 242.91 | 4.5 | 24.5 | 8.51 | | 234.40 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | ::::::::::::::::::::::::::::::::::: | |
| 10/1/2001 | NP. | | 242.91 | 45 | 24,5 | 8 71 | 4 | 234.20 | ≤50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | | |
| 1/14/2002 | | f | 242.91 | 4.5 | 24.5 | | — | | <50 | <0.50 | <0.50 | < 0.50 | <0.50 | <5.0 | | i brouns |
| 1/14/2002 | i NP | | 242.91 | 45 | 245 | 7.13 | | 235.78 | S50 | <0.50 | <0.50 | <0.50 | <0.50 <0.50 | <5.0 <2.5 | | |
| 4/3/2002 | NP | | 242.91 | 4.5 | 24.5 | 10.10 | | 232.81 230.27 | <50 \$50 | <0.50 <0.50 | <0.50 | <0.50 | <0.50 | ~2.5 #25# | 1115,4 | 8.1 |
| 8/8/2002 | NP | | 242.91 | 45 | 24.5 24.5 | 12.64 12.01 | | 230.90 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.7 | 2.5 | 6.5 |
| 11/27/2002 | NP | | 242.91 242.91 | 4.5 4.5 | 24.3 24.5 | 12.01 | | 231.69 | 250 | <0.50 | <0.50 | 80.50 | <0.50 | | 0.8 | 6.6 |
| 2/10/2003 6/3/2003 | NP | | 242.91 | 4.5 | 24.5 | 11.54 | | 231.37 | | <0.50 | <0.50 | < 0.50 | <0.50 | < 0.50 | 3.9 | 6 |
| 8/14/2003 | | | 242.91 | 45 | 245 | 12.41 | | 230,50 | ₹50 | 40 .50 | <0.50 | <0.50 | <0.50 | 80.50 | 11.8 | 6.3 |
| 11/13/2003 | | | 242.91 | 4.5 | 24.5 | 11.64 | | 231.27 | E decision properties | *************************************** | | | | | | - |
| 02/13/2004 | | | 248 62 | 45 | 24.5 | 10.28 | | 23834 | | | | | | | | |
| 05/05/2004 | | Tittititititititi | 248.62 | 4.5 | 24.5 | 12,04 | | 236.58 | | | | | | | | |
| 08/30/2004 | NP. | | 248.62 | 4.5 | 245 | 12.98 | | 235.64 | <50 | <0.50 | <0.50 | <0.50 | ₹0.50 | ≥0.50 | 1.6 | 5.8 |
| 11/08/2004 | | | 248.62 | 4.5 | 24.5 | 11.29 | | 237.33 | ################################### | | ::::::::::::::::::::::::::::::::::: | | 1635.03949841 | | | |
| 02/07/2005 | | | 248.62 | 4,5 | 245 | 10.03 | | 238.59 | | | | | | | | |
| 05/09/2005 | | | 248.62 | 4.5 | 24.5 24.5 | 10.65 12.68 | | 237.97 235.94 | | <0.50 | - - - - - - - - - - - - - - - - - - - | <0.50 | | - \$0,50 | | 6.5 |
| 08/11/2005 | NP NP | | 248.62 248.62 | 4.5 4.5 | 24.5 | 10.35 | | 238.27 | | | | | | | | |
| 12/02/2005 02/15/2006 | | | 248.62 | 4.5 | 24.5 | 8.38 | | 240 24 | | | | | | | | |
| 5/19/2006 | | | 248.62 | 4.5 | 24,5 | 11.24 | | 237.38 | | - | | | | (| | |
| 8/25/2006 | P | | 248.62 | 4.5 | 24.5 | 12.28 | | 236,34 | *50 | <0.50 | ₹0.50 | 80.50 | i≰0.50 | ₹ 0.50 | 2.51 | 5.7 |
| 11/2/2006 | | | 248.62 | 4.5 | 24.5 | 12.64 | | 235.98 | | —— —— | | | | | | |
| 2/6/2007 | | | 248,62 | 4.5 | 245 | 10.52 | | 238.10 | 1114 | | | | | | | |
| 5/9/2007 | | | 248.62 | 4.5 | 24.5 | 10.97 | | 237.65 | - | | _ | | _ | | | <u> </u> |
| MW-5 | 1 | | | | | | | | | | | | | | | |
| 3/15/1995 | | | 244.82 | 50 | 24.5 | 11199 | | 232,83 | 21,000 | 870 | 22 | 1,600 | 1,900 | | | |

| | | | | Top of | Bottom of | | Product | Water Level | | C | oncentrati | ons in (µg/ | L) | | | |
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| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pН |
| MW-5 Cont. | | | | | | | | | | | | | | | | |
| 5/30/1995 | | | 244.82 | 5.0 | 24.5 | 12.97 | kristas, teriningaja steist 1960 Dr. Hallaris (Tics and palis) | 231.85 | 17,000 | 2,100 | 250 | 1,000 | 520 | | | |
| 9/1/1995 | | | 244.82 | 5.0 | 24.5 | 14.03 | | 230.79 | 19,000 | 1,500 | 25 | 1,600 | 880 | 8,300 | | |
| 11/13/1995 | | A STATE OF THE STA | 244.82 | 50 | 24.5 | 13.65 | | 231,17 | 21,000 | 1,300 | 22 | 1,400 | 630 | | | |
| 2/23/1996 | | | 244.82 | 5.0 | 24.5 | 11.93 | | 232.89 | 27,000 | 1,300 | <50 | 1,600 | 1,500 | 730 | | - |
| 5/10/1996 | | | 244.82 | 50 | 24.5 | 13,05 | | 231.77 | 17,000 | 460 | 21 | 760 | 480 | 1,000 | | |
| 8/9/1996 | | | 244,82 | 5.0 | 24.5 | 13.22 | | 231.60 | 16,000 | 420 | 14 | 870 | 390 | 1,500 | | |
| 11/8/1996 | DA FABANCOTTO ALOBOTORE DIFFERENCE PART AND ALOBOTORE DIFFERENCE PART AND ALOBOTORE DA FABANCO ALOBOTORE DA FABANC | | 244.82 | 5.0 | 24.5 | | | | | | | | | | TATE OF THE PARTY | |
| 3/21/1997 | | | 244.82 | 5.0 | 24,5 | 13.24 | | 231.58 | 18,000 | 110 | <50 | 730 | 1,500 | 1,800 | | - |
| 5/27/1997 | | | 244.82 | 5.0 | 24.5 | 13,10 | A CONTROL OF THE PROPERTY OF T | 231,72 | 21,000 | 86 | <20 | 810 | 610 | 1,700 | | |
| 8/5/1997 | | | 244.82 | 5.0 | 24.5 | 13.14 | | 231.68 | 340 | 2.2 | <0.5 | 15 | 8.8 | 39 | | |
| 10/29/1997 | | | 244,82 | 5.0 | 24.5 | 13,03 | | 231.79 | 19,000 | 130 | ≤20 | 1,400 | 620 | 1,700 | | |
| 2/25/1998 | | . And a street was to a state of the street was the state of the state | 244.82 | 5.0 | 24.5 | 11.33 | | 233.49 | 8,500 | 19 | 13 | 190 | 100 | 170 | | |
| 5/12/1998 | | | 244.82 | 5.0 | 24.5 | 12.81 | | 232.01 | 10,000 | 34 | iii ≤10:iii | 390 | 220 | 610 | | |
| 7/28/1998 | | | 244.82 | 5.0 | 24.5 | 13.12 | Len 1 6400 0 9 62 20 12 30 62 30 47 86 5 86 70 70 | 231.70 | 15,000 | 68 | <10 | 690 | 620 | 1,000 | | |
| 10/27/1998 | | | 244,82 | 5.0 | 245 | 12.90 | | 231.92 | 15,000 | 60 | ≤10 | 770 | 400 | 890 | | |
| 2/8/1999 | | | 244.82 | 5.0 | 24.5 | 11.08 | | 233.74 | 8,200 | 23 #################################### | <10 | 290 | 120 | <60 | | |
| 6/1/1999 | NP | | 244.82 | 50 | 245 | 12,95 | | 231.87 | 11,000 | 33 | | 340 | 180 | 580 | 6.75 | 6.49 |
| 8/25/1999 [0/29/1999 | NP | | 244.82 | 5.0 | 24.5 | 12.99 | | 231.83 231.72 | 9,200 11,000 | 26 19 | 14 9.8 | 420 260 | 270 150 | 1,100 590 | 0.37 | 7.78 6.2 |
| 2/16/2000 | NP NP | | 244.82 | 5.0 5.0 | 24.5 | 13.10 8.21 | | 231.72 | 12,000 | 8.1 | 10 | 340 | 160 | 130 | 1.42 | |
| 6/23/2000 | NP | 2.60 - 0.12 - 11 - 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 244.82 244.82 | 5.0 5.0 | 24.5 24.5 | 12.90 | | 230.01 | 9,680 | o.; | 20.0 | 212 | 100 | 930 | 1.42 | |
| 8/17/2000 | NP | | 244.82 | 5.0 | 24.5 | 13.00 | | 231.82 | 10.500 | 15 | 7.98 | 223 | 118 | 430 | 0.68 | |
| 11/10/2000 | NP. | | 244.82 | 5.0 | 24.5 | 12.50 | | 232.32 | 7,030 | 19.7 | <10.0 | 190 | 43.6 | 445 | 1.27 | |
| 2/12/2001 | NP | | 244.82 | 5.0 | 24.5 | 12.81 | | 232.01 | 8,840 | 33.9 | <10.0 | 186 | 56.4 | 352 | 0.4 | |
| 4/13/2001 | NP | | 244.82 | 5.0 | 24.5 | 1131 | | 233.51 | 9,020 | 54.2 | 43.3 | 137 | 96 | 297 | | |
| 7/18/2001 | NP | | 244.82 | 5.0 | 24.5 | 11.59 | | 233.23 | 13,000 | 19 | 10 | 110 | 49 | 230 | | |
| 10/1/2001 | NP. | | 244.82 | 5.0 | 24.5 | 11.84 | | 232.98 | 8,500 | 6.9 | SI.0 | 87 | 27 | 220 | | |
| 1/14/2002 | NP | | 244.82 | 5.0 | 24.5 | 10.75 | | 234.07 | 9,500 | <20 | <20 | 140 | 22 | <200 | | |
| 4/3/2002 | NP | | 244.82 | 5.0 | 24.5 | 12.50 | | 23232 | 2,400 | 21 | <5.0 | 91 | 8.5 | 130 | undige iii. | |
| 4/3/2002 | NP | ſ | 244.82 | 5.0 | 24.5 | | unasternatusidi | | 2,700 | 24 | 5.1 | 92 | 8.5 | 130 | | |
| 8/8/2002 | NP | | 244.82 | 5.0 | 245 | 12.83 | | 231.99 | 2,000 | <20 | <20 | 48 | <20 | 520 | 8,0 | 6.9 |

| | | | | Top of | Bottom of | | Product | Water Level | | C | oncentrati | ons in (µg/ | L) | | | |
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| Well and | | | TOC | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | , and a second | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pН |
| MW-5 Cont. | | | | | | | | | | | | | | | | |
| 11/27/2002 | NP | | 244.82 | 5.0 | 24.5 | 12.79 | | 232.03 | 2,200 | sio . | <10 | iii.ii 33 | | 150 | 0.8 | 6.4 |
| 2/10/2003 | NP | | 244.82 | 5.0 | 24.5 | 12.62 | | 232.20 | 2,600 | <2.5 | <2.5 | 47 | 4.2 | 100 | 0.7 | 6.6 |
| 6/3/2003 | | | 244,82 | 5.0 | 24.5 | 12.41 | | 232.41 | 2,400 | <5.0 | <5.0 | 26 | <5.0 | 160 | 1.8 | 6.3 |
| 8/14/2003 | | е | 244,82 | 5.0 | 24.5 | | *** | | | | | | | | | |
| 11/13/2003 | NP | | 244.82 | 50 | 24.5 | 12.49 | | 232 33 | 1,900 | \$5.0 | < 5.0 | 13 | <5.0 | 90 | 0.9 | 6.4 |
| 02/13/2004 | NP | | 250.55 | 5.0 | 24.5 | 12.38 | | 238.17 | 1,400 | 1.4 | 1.9 | 23 | 3.6 | 90 | 1.1 | 62.8 |
| 05/05/2004 | NP | | 250.55 | 5.0 | 24.5 | 12.68 | | 237.87 | 5,800 | <2.5 | <2.5 | 13 | <2.5 | 130 | 11 | 6.3 |
| 08/30/2004 | P | | 250.55 | 5.0 | 24.5 | 12.96 | | 237.59 | 4,100 | <2.5 | <2.5 | <2.5 | <2.5 | 85 | | 6.4 |
| 11/08/2004 | NP | | 250.55 | 50 | 24.5 | 12.10 | ide Pit (| 238.45 | 3,300 | 14 | 9 | 17 | 6.1 | 69 | 1.05 | 6.0 |
| 02/07/2005 | NP | | 250.55 | 5.0 | 24.5 | 12.02 | n-n | 238.53 | 3,500 | <1.0 | 1.1 | 16 | 2.6 | 15 | 0.95 | 6.5 |
| 05/09/2005 | HINP III | | 250,55 | 5.0 | 24.5 | 11.94 | | 238.61 | 3,400 | <1.0 | 11.7 | 112 | 2 2 | 19 | 2.2 | 6.7 |
| 08/11/2005 | NP | acafanisandazakasi kiba pesakani kelali | 250.55 | 5.0 | 24.5 | 12.77 | | 237.78 | 5,700 | <2.5 | <2.5 | 13 | <2.5 | 51 | 0.7 | 6.0 |
| 12/02/2005 | NP | | 250.55 | 5.0 | 24.5 | 111,83 | | 238:72 | 3,900 | <2.5 | <2.5 | 15 | 8.3 | 13 | 141 | 6.9 |
| 02/15/2006 | NP | | 250.55 | 5.0 | 24.5 | 10.77 | | 239.78 | 790 | <0.50 | <0.50 | 1.2 | <0.50 | <0.50 | 1.2 | 6.9 |
| 5/19/2006 | NP | | 250,55 | 50 | 245 | 12,29 | TO THE PERSON NAMED OF THE | 238.26 | 4,100 | 0.97 | 1.3 | 39 | 1.8 | 15 | 0.98 | 65 |
| 8/25/2006 | P | | 250.55 | 5.0 | 24.5 | 12.62 | | 237.93 | 3,700 | <2.5 | <2.5 | 4.0 | <2.5 | 17 | 1.15 | 6.2 |
| 11/2/2006 2/6/2007 | P NP | | 250,55 250,55 | 50 | 24.5 | 12.90 | | 237,65 | 5,700 | <1.0 | | 44 | | 18 | 1.86 | 6.67 |
| 5/9/2007 | NP | | 250.55 250.55 | 5.0 5.0 | 24.5 24.5 | 12.37 12.50 | | 238.18 | 4,800 | <1.0 | <1.0 | 5.2 4.9 | 1.3 | 13 | 0.96 | 6.99 |
| and the second s | | | | | | 12.30 | | 238.05 | 4,400 | <1.0 | <1.0 | 14.9 | 15 | 31 | 1.42 | 6.89 |
| MW-6 | | | | | | | | | | | | | | | | |
| 6/29/1995 | | | | 17.0 | 0.003115 | 6.63 | | | < 50 | <0.5 | ₹0.5 | <0.5 | <0.5 | | | |
| 9/1/1995 | | | | 17.0 | 31.5 | | | | | | | | | | | |
| 11/13/1995 | | | | 17.0 | 315 | 7.70 | | | ii.<50 | <0.5 | <0.5 | ≤0.5 | <0.5 | - 13 | | |
| 2/23/1996 | | and the symbology of Landine (), two or else ye | - | 17.0 | 31,5 | 9,82 | | | <50 | <0.5 | 0.8 | <0.5 | 0.6 | <3 | | |
| 5/10/1996 | | | | 17.0 | 31,5 | 15,25 | | . | 1 | | | | | | | |
| 8/9/1996 | | +C141/02001915588878Y5Y2Z2C899Y1C058G2 | 252.20 | 17.0 | 31.5 | 11.11 | | 241.09 | | | | - | | | - | |
| 11/8/1996 | | | 252.20 | 17.0 | 31,5 | 9.31 | | 242.89 | | | | | | | | |
| 3/21/1997 | | and the desire and opening the dropped desire and the desire and t | 252.20 | 17.0 | 31.5 | 9.40 | | 242.80 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | | |
| 5/27/1997 | | | 252.20 | 17.0 | 31.5 | 7.08 | | 245,12 | | | | | | | | |
| 8/5/1997 | | | 252.20 | 17.0 | 31.5 | 7.12 | | 245.08 | | | | | - | - | | |

| | | | | Top of | Bottom of | | Product | Water Level | | C | oncentrati | ons in (µg/ | L) | | | |
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| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | ľ | ро | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pН |
| MW-6 Cont. | | | | | | | | | | | | | | | | |
| 10/29/1997 | | | 252,20 | 17.0 | | 7,42 | | 244.78 | <50 | <0,5 | <0.5 | <0.5 | <0.5 | | | |
| 2/25/1998 | | | 252.20 | 17.0 | 31.5 | 10.35 | ## | 241.85 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | | |
| 5/12/1998 | | | 252,20 | 17.0 | 315 | 15.83 | | 236.37 | | | | | | | | |
| 7/28/1998 | | | 252.20 | 17.0 | 31.5 | 11.84 | | 240.36 | | - | | | | | ************************************** | |
| 10/27/1998 | | | 252.20 | 17.0 | 315 | 9.73 | | 242.47 | | | | | | | | |
| 2/8/1999 | | A . A . A . A . A . A . A . A . A . A . | 252.20 | 17.0 | 31.5 | 8.10 | - | 244.10 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | _ | - |
| 6/1/1999 | | | 252,20 | 17.0 | 31,5 | 17.84 | | 234.36 | | | | | And the second s | | | |
| 8/25/1999 | | | 252.20 | 17.0 | 31.5 | 11.00 | | 241.20 | ** | | | | | | 0.77 | |
| 10/29/1999 | | A CONTROL OF THE PROPERTY OF T | 252,20 | 17.0 | 315 | 9.03 | | 243.17 | | | | | | | 3.42 | |
| 2/16/2000 | P | A VENEZUE AND THE PROPERTY OF A DESCRIPTION OF A DESCRIPT | 252.20 | 17.0 | 31.5 | 7.71 | | 244.49 | <50 | <0.5 | <0.5 | <0.5 | <1 | <3 | 2.42 | - |
| 6/23/2000 | | | 252.20 | 17.0 | 31,5 | 6.69 | | 245.51 | | | | | 100000000000000000000000000000000000000 | | 23 | |
| 8/17/2000 | | \$##\$\$###\$\$##\$\$##\$\$\$##\$\$\$##\$\$ | 252.20 | 17.0 | 31.5 | 6.95 | | 245.25 | | - | | | | | 2.51 | |
| 11/10/2000 | | | 252.20 | 17.0 | 315 | 11.79 | | 240.41 | | | | | | | | |
| 2/12/2001 | P | iatsiminan malamakan asara | 252.20 | 17.0 | 31.5 | 7.35 | | 244.85 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | 1.66 | 7.77 |
| 2/12/2001 | | | | 17.0 | 31,5 | | | | | | | | | | | |
| 4/13/2001 | | *************************************** | 252.20 | 17.0 | 31.5 | 10.52 | | 241.68 | | - | — | | - | | | |
| 7/18/2001 | | | 252:20 | 17.0 | 31.5 | 11.03 | | 241.17 | | | | 100 100 100 100 100 100 100 100 100 100 | | | | |
| 10/1/2001 | | syevapardomnadobilopdomorfida(siiii) sanarany sanarjomassananananananan | 252.20 | 17.0 | 31.5 | 11.31 | | 240.89 | Duncepator: | Hareanesan | | | DERIGENZADU: | | | |
| 1/14/2002 | P | | 252.20 | 17.0 | 31.5 | 9.87 | | 242.33 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | | |
| 4/3/2002 | | | 252.20 252.20 | 17.0 17.0 | 31.5 | 12.19 7.04 | | 240.01 245.16 | Paradonakopo | | | | | | | |
| 8/8/2002 11/27/2002 | | | 252,20 | 17.0 | 31.5 31.5 | 6.85 | | 245.35 | | | | | - | | | |
| 2/10/2003 | NP | | 252.20 | 17.0 | 31.5 | 6.74 | | 245.46 | <50 | _ ≪0.50 | <0.50 | <0.50 | <0.50 | <0.50 | | 7.3 |
| 6/3/2003 | | | 252.20 | 17.0 | 31,5 | 14.35 | | 237,85 | | | | | | | | - |
| 8/14/2003 | | | 252.20 | 17.0 | 31.5 | 10.74 | | 241.46 | | | | | | - | | |
| 11/13/2003 | | | 252.20 | 17.0 | 31.5 | 10.68 | | 241,52 | - | | | | | _ | _ | |
| 02/13/2004 | | | 257.94 | 17.0 | 31.5 | 7.38 | | 250.56 | / | 77 | | 101101112-1111 | | 20,242-1712-1819-1846 20,242-1712-1819-1846 20,242-1712-1819-1846 | startiste same de la facili- | 104419591442024 |
| 05/05/2004 | | | 257.94 | 17.0 | 31.5 | 7.43 | | 250.51 | | | | - | - | | | |
| 08/30/2004 | P | | 257.94 | 17.0 | 31.5 | 7.39 | | 250.51 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | 7.0 |
| 11/08/2004 | | | 257.94 | 17.0 | 31.5 | 15.57 | | 242.37 | | | | | | | | |
| 02/07/2005 | | | 257.94 | 17.0 | 31.5 | 1526 | | 242.68 | | | | | | | | |

| | | | | Top of | Bottom of | | Product | Water Level | | C | oncentrati | ons in (μg/ | L) | | | |
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| Well and | | _ | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pH |
| MW-6 Cont. | | | | | | | | | | | | | | | | |
| 05/09/2005 | | | 257,94 | 37.0 | 31.5 | 1131 | | 246.63 | | | | | | | | |
| 08/11/2005 | P monorantation | -merenamentalisera | 257.94 | 17.0 | 31.5 | 9.80 | | 248.14 | <50 | <0.50 | <0.50 | <0.50 | < 0.50 | <0.50 | 2.4 | 7.1 |
| 12/02/2005 | | | 257.94 257.94 | 17.0 17.0 | 315 | 14.55 10.33 | | 243.39 247.61 | | | | | | | | |
| 02/15/2006 5/19/2006 | | | 257.94 | 17.0 | 31.5 31.5 | 6.50 | | 247.01 251.44 | | | | | | | | _ |
| 8/25/2006 | P | | 257.94 | 17.0 | 31.5 | 6.75 | | 251.19 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.90 | 6,6 |
| 11/2/2006 | | | 257.94 | 17.0 | 315 | 7.15 | mutitepekarnes La le te | 250.79 | | | | | | | | 641/9634047674 |
| 2/6/2007 | | \$ 1 e Ezing (Liberto Braditor) (Saming Arra e 10 de 1 | 257.94 | 17.0 | 31.5 | 6.93 | | 251.01 | | | | - | | | | - |
| 5/9/2007 | | | 257,94 | 17.0 | 31.5 | 7.03 | | 250.91 | | | | | Track to the state of the state | | | |
| MW-7 | | | | | | - Company | | | | | | | | | | |
| 8/9/1996 | | g | 235,95 | 8.5 | 13.5 | | | | | | | | | | | |
| 11/8/1996 | | g | 235.95 | 8.5 | 13.5 | | | | | | | _ | | | - | |
| 1/27/1997 | | | 235,95 | 8.5 | 13.5 | | | | 2,900 | 29 | 1 1 5 | 1115 | 580 | 220, | - | |
| 3/21/1997 5/27/1997 | | | 235.95 235.95 | 8.5 8.5 | 13.5 13.5 | 7.13 9.02 | | 228.82 226.93 | 590 ≮50 | 3.5 <0.5 | <0.5 <0.5 | <0.5 <0.5 | 1.3 ≤0.5 | 90 <3 | | |
| 8/5/1997 | | | 235.95 | 8.5 | 13.5 | 12.33 | | 223.62 | 110 | 0,5 | <0.5 | <0.5 | 0.8 | 81 | | |
| 10/29/1997 | | 8 | 235.95 | 85 | 13.5 | | | | | | | | | | | |
| 2/25/1998 | | 1,672025,471,532,632,622,632,632,632,642 | 235.95 | 8.5 | I3.5 | 8.04 | | 227.91 | <50 | <0.5 | 0.6 | <0.5 | 0.7 | <3 | | |
| 5/12/1998 | | | 235,95 | 8.5 | 15.5 | 8.88 | | 227,07 | <50 | <0.5 | <0.5 | # K05 | <0.5 | 3 | | |
| 7/28/1998 | | 7.0000 xxxxxx 14.000 y 200 y 1 200 b 1 | 235.95 | 8.5 | 13.5 | 10.50 | | 225.45 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | - | |
| 10/27/1998 | | | 235.95 235.95 | 8.5 8.5 | 13.5 13.5 | 8.75 9.35 | | 227,26 226.60 | <50 <50 | <0.5 <0.5 | <0.5 <0.5 | <0.5 <0.5 | <0.5 <0.5 | <3 | | |
| 2/8/1999 6/1/1999 | - NP | | 235,95 | 0.5 8.5 | 13.5 | 9.33 | | 226.10 | 250 | <0.5 | 0.6 | <0.5 | 1.6 | | | 6.43 |
| 8/25/1999 | NP | | 235.95 | 8.5 | 13.5 | 11.31 | | 224.64 | 119 | <0.5 | 5.7 | <0.5 | <0.5 | 11 | 0.41 | 8.28 |
| 10/29/1999 | NP | | 235.95 | 8.5 | 13.5 | 9.08 | | 226.87 | \$50 | <0.5 | <0.5 | ≤0.5 | | : E8: | 1.29 | 5.82 |
| 2/25/2000 | NP | u a caretta tetrologia de constituir | 235.95 | 8.5 | 13.5 | 8.02 | en | 227.93 | <50 | <0.5 | <0.5 | <0.5 | </td <td>38</td> <td>2.1</td> <td>-</td> | 38 | 2.1 | - |
| 6/23/2000 | NP | | 235,95 | 8.5 | 13.5 | 10.68 | | 225,27 | < 0 | <0.50 | <0.50 | <0.50 | <0.50 | 14.4 | 1.6 | |
| 8/17/2000 | NP | | 235.95 | 8.5 | 13.5 | 11.85 | <u></u> | 224.10 | 70 | <0.500 | 0.678 | <0.500 | 1.07 | 14.2 | 1.59 | - |
| 11/10/2000 | NP | | 235,95 | 8.5 | 13.5 | 9.62 | | 226.33 | <50 <50 | <0.50 <0.50 | <0.50 <0.50 | <0.50 | <0.50 <0.50 | <2.5 <2.5 | 1.09 0.84 | |
| 2/12/2001 | NP | and the same of th | 235.95 | 8.5 | 13.5 | 12.10 | | 223.85 | \J0 | \\u0.50 | ~0.50 | <0.50 | ~0.30 | -2.5 | 0.84 | |

| | | | | Top of | Bottom of | | Product | Water Level | | C | oncentratio | ons in (μg/ | L) | • | | - Control of the Cont |
|--------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------|--------------|----------------|----------------------------------------|------------------|----------------------|--------------|-------------|-------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Well and | | _ | TOC | Screen | Screen | DTW | Thickness | Elevation | GRO/ | _ | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pH |
| MW-7 Cont. | | | | | | | | | | į | | | | | of transference of the | |
| 4/13/2001 | P | | 235.95 | 85 | 13.5 | 7.95 | | 228.00 | <50 | <0.50 | <050 | <0.50 | <0.50 | -2.5 | | |
| 7/18/2001 | P | | 235.95 | 8.5 | 13.5 | 8.20 | | 227.75 | <50 | <0.50 | < 0.50 | <0.50 | <0.50 | <2.5 | | |
| 10/1/2001 | NP | | 235.95 | 85 | 13.5 | 8.59 | | 227.36 | 50 | <0.50 | <0.50 | <0.50 | <0.50 | 25 | | |
| 1/14/2002 | P | | 235.95 | 8.5 | 13.5 | 6.93 | | 229.02 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | | |
| 4/3/2002 | P | | 235,95 | 8.5 | 13.5 | 831 | | 227.64 223.84 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | | |
| 8/8/2002 11/27/2002 | P NP | h | 235.95 235.95 | 8,5 8,5 | 13.5 13.5 | 12.11 13.01 | | 223.04 222.94 | | | | | | | | |
| 2/10/2003 | NP | | 235.95 | 8.5 | 13.5 | 10.02 | | 225.93 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | 6.7 |
| 6/3/2003 | NP | | 235 95 | 1444-85 | | 6.82 | | 229 13 | #450 | 30.50 | <0.50 | <0,50 | <0.50 | s0.50 | 8.1 | 6.8 |
| 8/14/2003 | useneliuseisii P | Militario (finale de la constitució de | 235.95 | 8.5 | 13.5 | 8.16 | 7000 (1200) (1200) 1200 | 227.79 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.8 | 6.7 |
| 11/13/2003 | | | 235.95 | 8.5 | 13.5 | 8.07 | | 227,88 | | | | | | | nii luunii | |
| 02/13/2004 | | NACHET IN THE PROPERTY OF THE PERSON OF THE | 241.64 | 8.5 | 13.5 | 7.62 | ************************************** | 234.02 | | | | - | | | | |
| 05/05/2004 | | | 241,64 | 8.5 | 13.5 | 1101 | | 230,63 | | | | | | | | |
| 08/30/2004 | | h | 241.64 | 8.5 | 13.5 | 13.27 | | 228.37 | | | - | - | | - | | - |
| 11/08/2004 | | | 241,64 | 8.5 | 13.5 | 13,22 | | 228.42 | | | | | | | | |
| 02/07/2005 05/09/2005 | | | 241.64 241.64 | 8.5 8.5 | 13.5 13.5 | 13.07 7.57 | engranganungung | 228.57 234.07 | | - - | | | | | | |
| 08/11/2005 | NP | | 241.64 | 8.5 | 13.5 | 11.55 | | 230.09 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | | 6.7 |
| 12/02/2005 | | / wasten) was a large of parties of the control of | 241.64 | 8.5 | 135 | 13.12 | | 22852 | | | | | | communication of the communica | | And The Table of St. |
| 02/15/2006 | | | 241.64 | 8.5 | 13.5 | 7.27 | 442MBURAHAR | 234.37 | | | <u></u> | | ************************************** | | - | |
| 5/19/2006 | | | 241,64 | 8.5 | 135 | 7.84 | | 233.80 | | | | | | | | |
| 8/25/2006 | P | *************************************** | 241.64 | 8.5 | 13.5 | 12.19 | | 229.45 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.33 | 6.2 |
| 11/2/2006 | | | 241.64 | 8.5 | 13.5 | 13.15 | | 228.49 | | | | | | | | |
| 2/6/2007 | | | 241.64 | 8.5 | 13.5 | 11.12 | | 230,52 | | | | | | | | 185365861655 |
| 5/9/2007 | | | 241.64 | 8.5 | 13.5 | 11.60 | | 230.04 | | | | | | | | |
| MW-8 | | | | | | | | | | | | | | | Name of the latest and the latest an | |
| 8/9/1996 | | | 240,37 | 5.5 | [4,0 | 9,41 | | 230.96 | | <0.5 | <0.5 | ≤0.5 | ₹0.5 | 3 | | |
| 11/8/1996 | *- | The state of the s | 240.37 | 5.5 | 14.0 | 9.19 | | 231.18 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | | - |
| 3/21/1997 | | The state of the s | 240.37 | | 14.0 | 8.55 | | 231.82 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | | | |
| 5/27/1997 | | | 240.37 | 5.5 | 14.0 | 11.06 | | 229.31 | 91 | 0.6 | <0.5 | <0.5 | 0.6 | 66 | |] |

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6002, 6235 Seminary Ave., Oakland, CA

| | | | | Top of | Bottom of | | Product | Water Level | | C | oncentrati | ons in (µg/ | L) | | | |
|--------------------------|---------------------------|-----------------------------------------------------------------|------------------|------------|-------------------------------------------|------------|----------------------|-------------|----------------|----------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------|--------|-----------------------------------------|
| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pН |
| MW-8 Cont. | | ĺ | | | | | | | | | | | | | | |
| 8/5/1997 | | dialina (visa-1)/189/1952-1333-14651 | 240.37 | 5.5 | 140 | 9.32 | | 231.05 | <5 0 | ≤0.5 | <0.5 | <0.5 | <0.5 | | | |
| 10/29/1997 | | | 240.37 | 5.5 | 14.0 | 9.35 | | 231.02 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | | |
| 2/25/1998 | | | 240,37 | 3.5 | 14.0 | 7.08 | | 233.20 | -5 0 | <0,5 | <0.5 | <0.5 | <0.5 | 3 | | |
| 5/12/1998 | | | 240.37 | 5,5 | 14.0 | 8.61 | | 231.76 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | | |
| 7/28/1998 | | | 240,37 | 5.5 | 14.0 | 9.63 | | 230.74 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 4 | | |
| 10/27/1998 | | | 240.37 | 5.5 | 14.0 | 9.30 | ** | 231.07 | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | - | |
| 2/8/1999 | | | 240,37 | 5.5 | 14.0 | 5.56 | | 234.81 | ¥50 | ≥0.5 | <0.5 | <0.5 | <0.5 | ₹3 | | |
| 6/1/1999 | | e | 240.37 | 5.5 | 14.0 | | | | | | | *** | | | | |
| 8/25/1999 | | i i i i i i i i i i i i i i i i i i i | 240,37 | 5.5 | 14.0 | | | | | | | delication and the second seco | Printer Internation | | | |
| 10/29/1999 | | e | 240.37 | 5.5 | 14.0 | | | | | | | | ······································ | | | gengamore |
| 2/16/2000 | | e in in | 240,37 | File 55 5 | 14.0 | | | | | | | | 112211 127 137 137 137 137 137 137 137 137 137 13 | | | |
| 6/23/2000 | NP | 14 r 2 6 2 7 6 1 2 6 1 2 6 1 1 1 1 1 1 1 1 1 1 1 1 1 | 240.37 | 5.5 | 14.0 | 9.45 | seraniya ya garaniya | 230.92 | <50 | <0.50 | <0.50 | <0.500 | <0.50 | <2.5 | 1.9 | |
| 8/17/2000 | NP | | 240,37 | iliai 55 | 30.514.03 | 6.40 | | 233.97 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | 2.56 | |
| 11/10/2000 11/10/2000 | NP | f Leasannannanna | 240.37 | 5.5 | 14.0 14.0 | 6.25 | | - 234.12 | <50 | <0.50 <0.50 | <0.50 | <0.50 | <0.50 <0.50 | <2.5 | | UMMINIS |
| 2/12/2001 | NP NP | | 240.37 240.37 | 5.5 5.5 | \$2005000 CENTER ED 20/4 (DOF 10 CE 20/4) | 8.11 | | 232.26 | <50 | <0.50 | <0.50 <0.50 | <0,50 <0.50 | <0.50 | <2.5 <2.5 | 1.93 | |
| 4/13/2001 | Nr P | | 240.37 | 5.5 | 14.0 14.0 | 5.19 | | 235.18 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | 1.65 | 12140071771771 |
| 7/13/2001 | NP | | 240.37 | 5.5 | 14.0 | 5.55 | | 234,82 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | | |
| 10/1/2001 | NP | | 240.37 | 5.5 | 14:0 | 6.41 | | 233,96 | -50 | <0.50 <0.50 | <0.50 | <0.50 □ | <0.50 | ~2.5 ≪2.5 | | |
| 1/14/2002 | P | | 240.37 | 5.5 | 14.0 | 5.07 | | 235.30 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 | | victorii (ini |
| 4/3/2002 | i Pass | | 240.37 | 5.5 1 | 14.0 | 8.60 | | 231,77 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | | | |
| 8/8/2002 | P | | 240.37 | 5.5 | 14.0 | 9.58 | | 230.79 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <2.5 | 1.7 | 7 |
| L1/27/2002 | P | | 240.37 | 5.5 | 14.0 | 9.15 | | 231,22 | ≲50 | <0.50 | ≤0.50 | <0.50 | <0.50 | <0.50 | 3.1 | 6.7 |
| 2/10/2003 | P | | 240.37 | 5.5 | 14.0 | 8.55 | | 231.82 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | 6.6 |
| 6/3/2003 | | | 240.37 | 5.5 | 14.0 | 8.72 | | 231.65 | ≲50 | ≤0.50 | <0.50 | ≤0.50 | <0.50 | <0.50 | 9.1 | 6:3 |
| 8/14/2003 | | | 240.37 | 5.5 | 14.0 | 9.52 | | 230.85 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 5.5 | 6.4 |
| 11/13/2003 | | | 240.37 | 5.5 | 14.0 | 9,45 | | 230.92 | | | | | | | | 100 100 100 100 100 100 100 100 100 100 |
| 02/13/2004 | | | 246.09 | 5.5 | 14.0 | 8.38 | | 237.71 | | | | | | | | - |
| 05/05/2004 | entoedidentyd G German | r og talenda at transfer fra fra fra fra fra fra fra fra fra fr | 246.09 | 35 | 14.0 | 9.30 | | 236.79 | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | |
| 08/30/2004 | P | | 246.09 | 5.5 | 14.0 | 9.69 | | 236.40 | <50 | <0.50 | <0.50 | <0.50 | 0.75 | <0.50 | 5.1 | 6.5 |
| 11/08/2004 | | | 246.09 | 5.5 | 14.0 | 8.34 | | 237.75 | | | | | | | | |

| | | | | Top of | Bottom of | | Product | Water Level | | C | oncentratio | ons in (μg/ | L) | | | |
|------------------------|--------|--------------------------|------------|------------|--------------|--------------|------------------------------------------|--------------------------------------------------------|------------|--------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|---------|-----------|--------|------|
| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pH |
| MW-8 Cont. | | | | | | | | | | | | | | | | |
| 02/07/2005 | 7 | | 246.09 | 5.5 | 14.0 | 8.23 | | 237.86 | | | | 181 - 1 - 0 to 1 bid 1 to - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | |
| 05/09/2005 | | | 246.09 | 5.5 | 14.0 | 7.07 | - | 239.02 | | - | | | | - | | |
| 08/11/2005 | | e | 246.09 | 5.5 | 14.0 | | | | | | | | | | | |
| 12/02/2005 | | orrentaliste et en en en | 246.09 | 5.5 | 14.0 | 8.15 | | 237.94 | | _ | | | | - | | |
| 02/15/2006 | | | 246,09 | 55 | 14.0 | | | | | | | | | | | |
| 5/19/2006 | | | 246.09 | 5.5 5.5 | 14.0 | 8.48 9.45 | | 237,61 | | | | | | - | | |
| 8/25/2006 11/2/2006 | P | | 246.09 | 5.5 | 14.0 14.0 | | | 236,64 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 227 | 6.0 |
| 2/6/2007 | | Dickler English (1994) | 246.09 | 5.5 | 14.0 | | | | | | | | | | | |
| 5/9/2007 | _ | e | 246.09 | 5.5 | 14.0 | | | - | | _ | - | | | | | - |
| | | | | | | | | | | | | | | | | |
| 2/23/1996 | | | | 6.0 | 14:0 | 5.29 | | | 21,000 | 490 | 57 | 520 | 1.500 | 240 | | |
| 5/10/1996 | | | | 6.0 | 14.0 | 6.80 | | | 3,700 | 61 | <5 | 100 | 50 | 200 | | |
| 8/9/1996 | | | | 6.0 | 14.0 | 7.03 | | | 970 | 2.7 | <2.5 | 2.7 | 3.7 | 180 | | |
| 11/8/1996 | | e | | 6.0 | 14.0 | | | - | | | | | | - | | |
| 3/21/1997 | | | | 6.0 | 14.0 | 751 | | | 640 | 4 | | | | 194 | | |
| 5/27/1997 | | | | 6.0 | 14.0 | 7.51 | | | | - | | | | | - | - |
| 8/5/1997 | | | | 60 | 14:0 | 7.51 | | | 630 | <i :<="" td=""><td>S</td><td></td><td>2</td><td>120</td><td></td><td></td></i> | S | | 2 | 120 | | |
| 10/29/1997 | | | | 6.0 | 14.0 | 7.53 | | | 600 | <0.5 | <0.5 | <0.5 | 1.6 | 84 | | |
| 2/25/1998 | | | | 6.0 | 14.0 | 6.77 7.43 | | | 230 340 | <4 <0.5 | ×0.7 | 19 | 0.5 | 27 | | |
| 5/12/1998 7/28/1998 | | | | 6.0 6.0 | 14.0 14.0 | 7.43 7.00 | | | 240 | | 0.5 <0.5 | 2.3 ≼0.5 | 0.8 | 29 54 | - | |
| 10/27/1998 | | | | 6.0 | 14.0 | 7.52 | | | 230 | <0.5 | <0.5 | <0.5 | <0.5 | 65 | | |
| 2/8/1999 | u guel | | | 6.0 | 14.0 | 7.05 | | | <50 | <0.5 | <0.5 | ₩<0.5 | <0.5 | <3/36 | | |
| 6/1/1999 | NP | | | 6.0 | 14.0 | 7.55 | nsindrospalinashkali | ministrativasis ir | 180 | <0.5 | <0.5 | <0.5 | <0.5 | 23 | 1 | 6.36 |
| 8/25/1999 | ii NP | | | 6.0 | 14.0 | 7.66 | | | 130 | <0.5 | 5.6 | €0.5 | <0.5 | 40 | 0.39 | 7.5 |
| 10/29/1999 | NP | pm | | 6.0 | 14.0 | 7.59 | | | 200 | 1 | <0.5 | 0.6 | 1.6 | 36 | 0.89 | 5.65 |
| 2/16/2000 | NP | | | 6:0::::: | 14:0 | 7.03 | | | 210 | <0.5 | 0.9 | 2,2 | 1.9 | - 11 | 1.41 | |
| 6/23/2000 | NP | | _ | 6.0 | 14.0 | 7.71 | en e | | 175 | 1.04 | <0.500 | <0.500 | <0,500 | 14.4 | 1.9 | |
| 8/17/2000 | NP | | | 6.0 | 14.0 | 7.75 | | | 180 | <0.500 | <0.500 | 0.622 | 0.76 | 23.7 | 0.63 | |

| | | | | Top of | Bottom of | | Product | Water Level | | C | oncentrati | ons in (μg/ | L) | | | |
|--------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------|--------------|--------------|--------------------------------------|------------------|-------------|----------------|----------------|-----------------------------------------|----------------|----------|------------|----------------|
| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pН |
| VW-1 Cont. | | | | | | | | | | | | *************************************** | | | | |
| 11/10/2000 | NP | | | 6.0 | 14.0 | 6,83 | | | 157 | 0,955 | <0.500 | 0.973 | <0.500 | 32.5 | 1.03 | |
| 2/12/2001 | NP | - Cl Co C Commission of Equation Co. Cl Co C Co. Co. Co. Co. Co. Co. Co. Co. Co | - | 6,0 | 14.0 | 7.85 | | | 273 | 0.627 | <0.500 | <0.500 | 0.507 | 9.19 | 0.47 | |
| 4/13/2001 | | | | 6.0 | 14.0 | 5,11 | | | 213 | <0.500 | <0.500 | <0.500 | <0.500 | 638 | | |
| 7/18/2001 | P | | - | 6.0 | 14.0 | 5.39 | | | 270 | <0.50 | <0.50 | <0.50 | <0.50 | 20 | | |
| 10/1/2001 | NP | | | 6.0 | 14.0 | 6.50 | | | 200 | <0.50 | <0.50 | <0.50 | 0.81 | 14 | | |
| 1/14/2002 | P | | - | 6.0 | 14.0 | 5.04 | | | 110 | <0.50 | <0.50 | <0.50 | <0.50 | 6.4 | | |
| 4/3/2002 | P | | | 60 | 140 | 751 | | | 91 | 0,72 | <0.50 | <0.50 | <0.50 | 12 | | |
| 8/8/2002 | P | | | 6.0 | 14.0 | 9.58 | | | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 33 | 0.6 | 6.3 |
| 11/27/2002 | B | | | 60 | 14.0 | 7.42 | | | 52 | 0.72 | 0.78 | <0.50 | <0.50 | | | 6.1 |
| 2/10/2003 | NP | ACCUSAGE OF THE STREET STREET | - | 6.0 | 14.0 | 7.38 | | | 52 | <0.50 | <0.50 | <0.50 | <0.50 | 11 | 1.7 | 6.5 |
| 6/3/2003 | | | | 6.0 | 14.0 | 730 | | | 71 | <0.50 | <0.50 | ≤0,50 | ₹0,50 | 13 | 3.8 | 6.3 |
| 8/14/2003 | | | ::::::::::::::::::::::::::::::::::: | 6.0 | 14.0 | 7.59 | | | <50 ≪50 | <0.50 <0.50 | <0.50 <0.50 | <0.50 | <0.50 <0.50 | 18 13 | 0.3 | 6.1 |
| 11/13/2003 | illi Piliilli | | | 6.0 | 14.0 | 7,43 7,35 | | 745 04 | 59 | <0.50 | <0.50 | <0.50 | 0.56 | 8,0 | 0.6 | 6.1 |
| 02/13/2004 05/05/2004 | P P | | 253.19 253.19 | 6.0 6.0 | 14.0 14.0 | 7.50 | | 245.84 245.89 | 59 \$50 | 0.50 0.71 | <0.50 <0.50 | <0.50 <0.50 | 0.60 | o.v | 1.0 0.1 | 6.0 6.4 |
| 08/30/2004 | P | | 253.19 | 6.0 | 14.0 | 8.50 | | 244.69 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 24 | 0.2 | 6.2 |
| 11/08/2004 | P | | 253.19 | 6.0 | 14.0 | 722 | | 245.97 | 230 | ₹0.50 | <0.50 | <0.50 | 0.75 | | 0.65 | 51 |
| 02/07/2005 | P | | 253.19 | 6.0 | 14.0 | 7.25 | | 245.94 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 5,1 | 1.57 | 1.000Hi 5.9 |
| 05/09/2005 | P | Margan and There's contrary to the most character and the second | 253.19 | 6.0 | 14.0 | 710 | oler-descripts and Landshitt Highton | 246.09 | 64 | <0.50 | - - <0.50 | <0.50 | ₹0.50 | 6.9 | 935 | |
| 08/11/2005 | P | | 253.19 | 6.0 | 14.0 | 7.89 | | 245.30 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 10 | 0.04 | 6.3 |
| 12/02/2005 | P | | 253.19 | 6.0 | 14.0 | 7.32 | | 245.87 | iii iii iii | <0.50 | ₹0.50 | <0.50 | 0.57 | 9,0 | 1.85 | 6.6 |
| 02/15/2006 | P | (40,000,000,000,000,000,000,000,000,000, | 253.19 | 6.0 | 14.0 | 7.16 | | 246.03 | <50 | < 0.50 | < 0.50 | <0.50 | < 0.50 | 2.8 | 0.9 | 6.2 |
| 5/19/2006 | P | | 253,19 | 6.0 | 14.0 | 7,24 | | 245.95 | ₹50 | 0.71 | ₹0.50 | 0.65 | 14 | 317 | 0.85 | 62 |
| 8/25/2006 | P | 292 Pile P P 2 | 253.19 | 6.0 | 14.0 | 7.48 | | 245.71 | 50 | <0.50 | <0.50 | <0.50 | <0.50 | 8.3 | 0.49 | 6.2 |
| - 11/2/2006 | P | | 253.19 | 6.0 | 14.0 | 777 | | 245,42 | 574 | :: <0.50 | ≼0.50 | ≤0.50 | <0.50 | | 1.84 | 6.88 |
| 2/6/2007 | NP | # t # 179°C \$ (\$ C \$ C * * * * * * * * * * * * * * * * | 253.19 | 6.0 | 14.0 | 7.35 | | 245.84 | 64 | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | 0.70 | 6.92 |
| 5/9/2007 | NP | | 253,19 | 6,0 | 14.0 | 7.40 | rang dag 🗕 pinggang | 245.79 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.2 | 116 | 6.72 |
| VW-2 | | | | | | | | | | | | | | | | |
| 2/23/1996 | | i | | | | 6.92 | | | | | | | | | | |
| 8/8/2002 | UMERICANIA | i | | | | 10.51 | | | | | | | | | — — | |

| | | | - Hardward Control | Top of | Bottom of | | Product | Water Level | | C | oncentrati | ons in (µg/ | L) | | | |
|--------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|--------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|---------|------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----|
| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (fect msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pН |
| VW-3 | | | | | | - | | | | | | | | | | |
| 8/8/2002 | | | | 5 2 5 5 5 5 | 14.5 | 8.85 | The state of the s | | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | 0.7 | 6.1 |
| 11/27/2002 | | i | - | 5.5 | 14.5 | 8.80 | ** | | | | | | | | | |
| 2/10/2003 | | | | 55 | 14.5 | 8,41 | | | | | | | | | | |
| 6/3/2003 | | i | | 5.5 | 14.5 | 8.71 | | | | - | | | | - | | |
| 8/14/2003 | | | | 55 | 14.5 | 8.81 | | | | | | | | | | |
| 11/13/2003 | | and and the second of the seco | | 5.5 | 14.5 | 8.75 | | | | | | utriesanicis | | | | |
| 02/13/2004 | | 1022 - 0-05011 4 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 252,26 | 55 | 14.5 | 8.48 | | 243.78 | | | | | | | | |
| 05/05/2004 | - | Perdissense services and an arrange | 252.26 | 5.5 | 14.5 | 8.85 9.07 | | 243.41 243.19 | | | | | | | | |
| 08/30/2004 | | | 252,26 252,26 | 5.5 5.5 | 14.5 14.5 | 8.32 | | 243.94 | | | | | Control of the second | Transferred transferred to the control of the contr | | |
| 11/08/2004 02/07/2005 | | | 252.26 252.26 | 5.5 5.5 | 14.5 | 8.28 | | 243.98 | | | | | | | | |
| 05/09/2005 | | | 252.26 | 5.5 | 14.5 | 8.44 | | 243.82 | 3855005115 | - | | | | | | |
| 08/11/2005 | | | 252.26 | 55 | 145 | 8.96 | | 243.30 | | | | | | | | |
| 12/02/2005 | | | 252.26 | 5.5 | 14.5 | 8,26 | | 244.00 | | | | | | | | |
| 02/15/2006 | | | 252.26 | | 14.5 | 7.61 | | 244,65 | | | | | | | | |
| 5/19/2006 | | | 252.26 | 5.5 | 14.5 | 8.83 | - | 243.43 | | | _ | | | | | |
| 8/25/2006 | | | 252.26 | 55 | 145 | 8,95 | | 243.51 | | | | | | | | |
| 11/2/2006 | | 141000011000011000000000000000000000000 | 252.26 | 5.5 | 14.5 | 9.08 | - | 243.18 | | - | | | | | | |
| 2/6/2007 | | | 252.26 | 5.5 | 145 | 8161 | | 243,65 | | | | | 2011 17 Company of the Company of th | | | |
| 5/9/2007 | | | 252,26 | 5.5 | 14.5 | 8.79 | - | 243.47 | | | - | _ | | | | |
| VW-4 | | | | | | | | | | | | | | | | |
| 5/10/1996 | | | | 55 | 14.5 | 8.58 | | | 13,000 | 2,500 | 41 | 420 | 660 | 43,000 | | |
| 8/9/1996 | | . ERESELYMTERS/REIMANSSOFFARRESEV | | 5.5 | 14.5 | 11.70 | - | | <50 | <0.5 | <0.5 | <0.5 | <0.5 | 6,200 | - | |
| 11/8/1996 | | | | | 14.5 | 9.38 | | | 7,800 | 510 | 7 | 180 | 370 | 21,000 | | |
| 3/21/1997 | - | | | 5.5 | 14.5 | 9.11 | | ## | 10,000 | 290 | 10 | 270 | 230 | 8,900 | | |
| 5/27/1997 | | | | 5.5 | 14.5 | 9,34 | | | | | | | | | | |
| 8/5/1997 | *** | aggeroeg meg wordt talandig 20000099 | - | 5.5 | 14.5 | 9.47 | | | <10,000 | 180 | <100 | <100 | 110 | 12,000 | _ | - |
| 10/29/1997 | | | | 55 | 14.5 | 935 | | | 9,800 | 200 | 69 | 260 | 360 | 4,900 | | |
| 2/25/1998 | | | | 5.5 | 14.5 | 7.08 | | | <50 | 2.5 | <0.5 | <0.5 | 0.7 | <3 | - 4002485048 | |
| 5/12/1998 | | | | 5.5 | 145 | 9.17 | | | 3,200 | <20 | 22 | 29 | 52 | 2,100 | | |

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #6002, 6235 Seminary Ave., Oakland, CA

| | | | | Top of | Bottom of | | Product | Water Level | | С | oncentrati | ons in (μg/ | L) | | | |
|-------------|--------------------------------|--------------------------------------------------------------------|-----------------------------------------|----------|-----------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------|------------|---------------------------------------------|---------------|---------------------|--------|------|
| Well and | | | тос | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pН |
| VW-4 Cont. | | | | | | | | | 5-4-4-1-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5- | | | | | | | |
| 7/28/1998 | | | | 5.5 | 14.5 | 9.55 | water the state of | | <10,000 | <1.00 | <100 | <100 | <100 | 5,100 | | |
| 10/27/1998 | erakundu-oktonisiski kaikis ke | | | 5.5 | 14.5 | 9.92 | | ** | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <3 | - | |
| 2/8/1999 | | C | | 5.5 | 145 | 7.50 | | | <2,500 | 25 | \$25 | 28 | \$25 | 2,400/3,10 | | |
| 6/1/1999 | NP | 30-1-0-C | | 5.5 | 14.5 | 9.87 | | | 2,100 | 2.5 | 1.1 | 2.5 | 15 | 3,300 | 2 | 6.69 |
| 8/25/1999 | NP | | | 55 | 14.5 | 9,78 | | | 1,300 | 4.4 | 4.9 | 1.7 | 2,9 | 4,600 | 0.36 | 7.94 |
| 10/29/1999 | NP | | | 5.5 | 14.5 | 9.93 | | | 1,400 | <0.5 | 1.8 | 1.6 | 3 | 4,200 | 1.18 | 6.64 |
| 2/16/2000 | T NP | | | 5.5 | 145 | 7,45 | | Transport of the second | 1,800 | <0.5 | 2,9 | 100012 | 10 | 3,400 | 1.01 | |
| 6/23/2000 | NP | (1) (1) 1 broke and toke blow on the and a closed (1) of the C (1) | | 5.5 | 14.5 | 9.74 | | | 1,360 | <2.00 | 2.26 | <2.00 | 2.25 | 4,900 | 1.5 | |
| 6/23/2000 | | | 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 5.5 | 145 | | | | 1,260 | <2.00 | <2.00 | <2.00 | 2:73 | 2,720 | | |
| 8/17/2000 | NP | | | 5.5 | 14.5 | 9.95 | | •• | 2,230 | <10.0 | <10.0 | <10.0 | <10.0 | 5,310 | 1.13 | |
| 11/10/2000 | WP | | | 5.5 | 14.5 | 9.22 | | | 1,390 | 18.5 | <5.00 | <5.00 | <5.00 | 8,840 | 1,25 | |
| 2/12/2001 | NP | | - | 5.5 | 14.5 | 8.99 | | | 1,400 | 9.42 | <2.00 | 17.8 | 16.1 | 3,570 | 0.91 | |
| 4/13/2001 | NP | | | 5.5 | 14.5 | 7.80 | | | 556 | 3.82 | \$1.25 | ii≤1,25 ii | <1,25 | 2,450 | | |
| 7/18/2001 | NP | | | 5.5 | 14.5 | 7.73 | ************************************** | | 2,100 | 9.2 | <2.0 | <2.0 | <2.0 | 3,700 | | |
| 7/18/2001 | | | | 5,5 | 14.5 | | | | 2,000 | 8.7 | 22 | \$2.0 | <2.0 | 3,400 | | |
| 10/1/2001 | NP | | | 5.5 | 14.5 | 6.69 | | | 2,000 | <10 | <10 | <10 | 13 | 5,900 | | |
| 10/1/2001 | | l III | | 5.5 | 145 | | Control of the contro | | 1,800 | <10 | <10 | <10 | <10 | 5,800 | | |
| 1/14/2002 | P | 5 -2.494179077777777774 | | 5.5 | 14.5 | 5.93 | | •• | 580 | <2.0 | <2.0 | <2.0 | <2.0 | 2,700 | | |
| 4/3/2002 | NP | | | 55 | 14.5 | 9.60 | | | 1,400 | | 16 | <5.0 | 9.6 | 2,200 | | |
| 8/8/2002 | | i | | 5.5 | 14.5 | 10.01 | | | | - | | : un::::::::::::::::::::::::::::::::::: | | - 31-01-9059888 | | •• |
| 11/27/2002 | P | | | 5.5 | 14.5 | 1030 | | | <10,000 | <100 | <100 | <100 | <100 | 3,800 | 117 | 6.7 |
| 2/10/2003 | NP | | - | 5.5 | 14.5 | 10.06 | | | <5,000 | <50 | <50 | < 50 | <50 | 2,500 | 1 | 6.8 |
| 6/3/2003 | | | | 55 | 14.5 | 10.04 | | | ≤1,000 | K10 | <10 | <10 | <10 | 440 | 1.9 | 6.6 |
| 8/14/2003 | | | | 5.5 | 14.5 | 9.66 | | | <500 | <5.0 | <5.0 | <5.0 | <5.0 | 170 | 0.8 | 6.7 |
| 11/13/2003 | P. | | | 5.5 | 14.5 | 10.01 | | | <500 | 5.0 m | <5.0 | #¥5.0 | k5.0 | 130 | 17 | 6.4 |
| 02/13/2004 | P | | 252.69 | 5.5 | 14.5 | 9.34 | | 243.35 | 330 | <2.5 | <2.5 | <2.5 | 3.0 | 210 | 2.0 | 6.6 |
| 05/05/2004 | P | | 252.69 | 5.5 | 14,5 | 10.07 | | 242.62 | 130 | <1.0 | <1.0 | \$1.0 -5.0 | <1.0 | 66 | 1.2 | 6.8 |
| 08/30/2004 | P | | 252.69 | 5.5 | 14.5 | 10.32 | | 242.37 | <500 | <5.0 | <5.0 | <5.0 | <5.0 | 220 | 1.1 | 6.6 |
| 11/08/2004 | ing P fini | | 252.69 | 5.5 | 14.5 | 9.35 | | 243.34 | 480 | <2.5 | <2.5 | <2.5 | <2.5 -0.50 | 140 | 1.1 | 6.0 |
| 02/07/2005 | P | | 252.69 | 5.5 | 14.5 | 9.22 | moutespanises | 243.47 | 180 | <0.50 | <0.50 | <0.50 | <0.50 | 47 | 1.83 | 6.5 |
| 05/09/2005 | P | log of all fille | 252.69 | 5.5 | 14.5 | 9.78 | | 242.91 | 120 | 0.63 | <0.50 | <0.50 | <0.50 | 37 | | |

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #6002, 6235 Seminary Ave., Oakland, CA

| | | | | Top of | Bottom of | | Product | Water Level | | C | oncentratio | ons in (µg/l | L) | | | |
|-------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|-----------|------------|-----------|-------------|------|---------|--------------|--------------|---------|------|--------|------|
| Well and | | | TOC | Screen | Screen | DTW | Thickness | Elevation | GRO/ | | | Ethyl- | Total | | DO | |
| Sample Date | P/NP | Comments | (feet msl) | (ft bgs) | (ft bgs) | (feet bgs) | (feet) | (feet msl) | TPHg | Benzene | Toluene | Benzene | Xylenes | MtBE | (mg/L) | pH |
| VW-4 Cont. | | | | | | | | | | | | | | | | |
| 08/11/2005 | P | | 252.69 | 55 | 14.5 | 10:11 | | 242:58 | 74 | <0.50 | <0.50 | <0.50 | <0.50 | 15 | 0.7 | 6.7 |
| 12/02/2005 | P | STREET PRESTS STREET CONSTRUCTION AND AND AND AND AND AND AND AND AND AN | 252.69 | 5.5 | 14.5 | 9.59 | | 243.10 | 160 | <1.0 | <1.0 | <1.0 | <1.0 | 28 | 0.75 | 6.9 |
| 02/15/2006 | P | | 252.69 | 55 | 145 | 8.56 | | 244.13 | 64 | <0.50 | ≮0.50 | <0.50 | <0.50 | | 0.9 | 6.9 |
| 5/19/2006 | P | - management of the state of th | 252.69 | 5.5 | 14.5 | 9.95 | | 242.74 | 150 | <0.50 | <0.50 | <0.50 | 1.2 | 16 | 0.76 | 6.7 |
| 8/25/2006 | P | | 252.69 | 55 | 145 | 10.03 | | 242.66 | 140 | <0.50 | <0.50 | <0.50 | <0.50 | 17 | 1.14 | 6.7 |
| 11/2/2006 | P | | 252.69 | 5.5 | 14.5 | 10.13 | | 242.56 | 120 | <0.50 | <0.50 | <0.50 | <0.50 | 20 | 1.76 | 6.49 |
| 2/6/2007 | NP | | 252.69 | 55 | 145 | 957 | | 243,12 | <50 | <0.50 | 40.50 | <0.50 | <0.50 | 1.6 | 0.98 | 6.89 |
| 5/9/2007 | NP | CHARLES THE STATE OF THE STATE | 252.69 | 5.5 | 14.5 | 9.75 | — | 242.94 | 110 | <0.50 | <0.50 | <0.50 | <0.50 | 21 | 0.76 | 6.94 |

SYMBOLS AND ABBREVIATIONS:

- -- = Not analyzed/applicable/measured/available
- < = Not detected at or above laboratory reporting limit

BTEX = Benzene, toluene, ethylbenzene and xylenes

DO = Dissolved oxygen

DTW = Depth to water in ft bgs

ft bgs = feet below ground surface

ft MSL = feet above mean sea level

GRO = Gasoline range organics

GWE = Groundwater elevation measured in ft MSL

mg/L = Milligrams per liter

MTBE = Methyl tert butyl ether

NP = Well not purged prior to sampling

P = Well purged prior to sampling

TOC = Top of casing measured in ft MSL

TPH-g = Total petroleum hydrocarbons as gasoline

 μ g/L = Micrograms per liter

FOOTNOTES:

- a = SPH detected and GWE corrected: Corrected elevation (Z') = Z + (h * 0.73) where: Z: measured elevation, h: floating product thickness, 0.73: density ratio of oil to water
- b = MTBE analyzed by EPA method 8240.
- c = MTBE, sample also analyzed for fuel oxygenates.
- d = Well was decommissioned on 2/12/1996.
- e = Well inaccessible.
- f = Duplicate
- g = Well was dry.
- h = Insufficient water to sample.
- i = Well is not part of the sampling program and therefore was not sampled.
- j = Sheen in well.

NOTES:

Wells surveyed to NAVD'88 datum on 1/27/2004.

Beginning on the first quarter 2003 sampling event (2/10/2003), TPH-g, BTEX and MTBE analyzed by EPA method 8260. Prior to 2/10/2003, BTEX by EPA method 8021B from 10/29/99 to 2/10/03, and 8020 prior to 10/29/99.

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.

Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.

Values for DO and pH were obtained through field measurements.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 2. Summary of Fuel Additives Analytical Data Station #6002, 6235 Seminary Ave., Oakland, CA

| Well and | | | | Concentrati | ons in (µg/L) | | | | |
|--------------------------|--------------|---------------|--------|--------------|----------------------------------------------------------------------------|--------------|----------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sample Date | Ethanol | TBA | MTBE | DIPE | ETBE | TAME | 1,2-DCA | EDB | Comments |
| MW-3 | | | | | | | | | |
| 2/10/2003 | 340 | | ≤0.50 | ≤0.50 | 0.50 | ₹0,50 | | | |
| 08/30/2004 | <100 | <20 | 0.72 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | induntum vara ang kanang ng ka I |
| 08/11/2005 | <100 | <20 | 0.73 | | <0.50 | ≤0,50 | <0.50 | <0.50 | |
| 8/25/2006 | <300 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | ertmannen med met 6 - 2 i Gelinder og er i de manere bleekken inner i bleek i Gelinder ametennis. |
| MW-4 | | | | | | | | | - 10010000 |
| 2/10/2003 | <40 | \$20 | <0.50 | <0.50 | <0.50 | <0.50 | | | |
| 6/3/2003 | <100 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | | | parakan dan kanakan dan kanakan kan kanakan dan kanakan dan kanakan dan kanakan dan kanakan dan kanakan dan ka L |
| 8/14/2003 | <100 | ≥20 | ≤0.50 | <0.50 | <0.50 | <0.50 | ₹0.50 | ≼0.50 | |
| 08/30/2004 | <100 | <20 | <0.50 | <0,50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| 08/11/2005 | <100 | ₹20 | <0.50 | <0.50 | <0.50 | ≤0.50 | <0.50 | <0.50 | |
| 8/25/2006 | <300 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| MW-5 | | | | | | | | | |
| 2/10/2003 | <200 | ≤100 | 100 | | <0.50 | <0.50 | cluded stablished seed seemed to | | |
| 6/3/2003 | <1,000 | <200 | 160 | <5.0 | <5.0 | <5.0 | | | |
| 11/13/2003 | <1,000 | <200 | 90 | 45.0 | ₹5.0 | \$5.0 | | | |
| 02/13/2004 | <200 | 41 | 90 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | |
| 05/05/2004 | <500 | <100 | 130 | 25 | <2.5 | <25 | \$25 | - 22.5 | |
| 08/30/2004 | <500 | 100 | 85 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | #\$078\$\$\$\$\$\$46\$\$0\$\$\$446BH\$H\$YO!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! |
| 11/08/2004 | <200 | 43 | 69 | <10 | \$10 <u>*</u> | <10 | <10 | <1.0 | |
| 02/07/2005 05/09/2005 | <200 <200 | <40 <40 | 15 | <1.0 | <1.0 <1.0 | <1.0 <1.0 | <1.0 <1.0 | <1.0 | |
| 08/11/2005 | <500 | <100 | 51 | <2.5 | <2.5 | <2.5 | <2.5 | <1.0 <2.5 | |
| 12/02/2005 | <500 | ~100 | 13 | <2.5 €2.5 | ~2.5 | 2.5 | <2.5 | ~2.5 *2.5 | i Hiterista visuserija karalika |
| 02/15/2006 | <300 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| 5/19/2006 | <300 | ### 25 | | | <0,50 | ≤0.50 | ≤0.50 | <0.50 | in in the state of |
| 8/25/2006 | <1,500 | <100 | 17 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | ronamenam-denerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationerationera |
| 11/2/2006 | <600 | 70 | 18 | \$1.0 | <i.0< td=""><td>\$1,0</td><td><1.0</td><td><1.0</td><td></td></i.0<> | \$1,0 | <1.0 | <1.0 | |
| 2/6/2007 | <600 | 45 | 13 | <1.0 | 0.1> | <1.0 | <1.0 | <1.0 | |
| 5/9/2007 | <600 | 69 | | <1.0 | <1.0 | <10 | <1.0 | <1.0 | |
| MW-6 | | | | | | | - | | |
| | | | ! | | J | | | | |

Table 2. Summary of Fuel Additives Analytical Data Station #6002, 6235 Seminary Ave., Oakland, CA

| Well and | | | | Concentration | ns in (μg/L) | | | | |
|--------------------------|--------------|-----------------------|-----------|------------------|----------------|----------------|----------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sample Date | Ethanol | ТВА | MTBE | DIPE | ETBE | TAME | 1,2-DCA | EDB | Comments |
| MW-6 Cont. | | | | | | | | | |
| 2/10/2003 | 4 0 | 2 20 | <0.50 | <0.50 | <0.50 | <050 | 77111111111111111111111111111111111111 | | |
| 08/30/2004 | <100 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 |
| 08/11/2005 | <100 | ¥20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| 8/25/2006 | <300 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | - |
| MW-7 | | | | | | | | | |
| 2/10/2003 | <40: | <20 | <0.50 | <0.50 | <0.50 | <0.50 | | | |
| 6/3/2003 | <100 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | | | The state of the s |
| 8/14/2003 | 2100 | ×20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| 08/11/2005 | <100 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| 8/25/2006 | <300 | ≪20 | <0.50 | <0.50 | ≤0.50 | <0.50 | ≤0.50 | <0.50 | |
| MW-8 | | | - | | | | | | |
| 2/10/2003 | 4 0 | <20 | <0.50 | < 0.50 | <0.50 | <0.50 | | | |
| 6/3/2003 | <100 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | | | |
| 8/14/2003 | <100 | ₹20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| 08/30/2004 | <100 | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | Well inaccessible |
| 02/15/2006 | -150 | | -0.50 | | -0 50 | <0.50 | <0.50 | <0.50 | Well-imaccessible |
| 8/25/2006 | <300 | <20 | <0.50 | <0.50 | <0.50 | \0.50 | 00 | 00 | |
| VW-1 | | | | | | | | | AND THE RESIDENCE OF THE PROPERTY OF THE PROPE |
| 2/10/2003 | <40 | <20 | | <0.50 | <0.50 | <0.50 | | | |
| 6/3/2003 | <100 | <20 | 13 | <0.50 | <0.50 | <0.50 | | | |
| 8/14/2003 | <100 | <20 | 18 | <0.50 | <0.50 | <0.50 | ₹0.50 | <0.50 | |
| 11/13/2003 | <100 <100 | <20 | 13 8:0 | <0.50 <0.50 | <0.50 <0.50 | <0.50 <0.50 | \$050 | - - - - - - - - - - | |
| 02/13/2004 05/05/2004 | <100 <100 | <20 <20 | 11 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| 03/03/2004 | | ~20 ### ~20 | 24 | <0.50 ₩ <0.50 | *0.50 | <0.50 | <0.50 | <0.50 | |
| 11/08/2004 | <100 | <20 | 27 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| 02/07/2005 | ≪100 | ₹20 | 5.1 | <0.50 | ₹0.50 | \$0.50 | ≤0.50 | <0.50 | |
| 05/09/2005 | <100 | <20 | 6.9 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | and control of the second seco |
| 08/11/2005 | €100 | <20 | 10 | \$0.50 | <0.50 | <0.50 | <0.50 | ₹0.50 | |
| 12/02/2005 | <100 | <20 | 9.0 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | a |

Table 2. Summary of Fuel Additives Analytical Data Station #6002, 6235 Seminary Ave., Oakland, CA

| Well and | | - | | Concentration | ons in (µg/L) | | | | |
|-------------------------|---------------------------------------------|---------------|----------|---------------|---------------|---------------|-----------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------|
| Sample Date | Ethanol | TBA | MTBE | DIPE | ETBE | TAME | 1,2-DCA | EDB | Comments |
| VW-1 Cont. | | | | | | | | | |
| 02/15/2006 | <300 | ## 2 0 | 28 | <0.50 | <0.50 | ₹0 50 | <0.50 | 40 50 € | |
| 5/19/2006 | <300 | <20 | 3.7 | <0.50 | < 0.50 | <0.50 | <0.50 | <0.50 | a, c |
| 8/25/2006 | <300 | ₹20 | 83 | <0.50 | <0.50 | <0.50 | 11 <0.50 m | <0.50 | |
| 11/2/2006 | <300 | <20 | 11 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | a |
| 2/6/2007 | <300 | iii≼20 | 103 | ≤0.50 | <0.50 | <0.50 | ≤0.50 | <0.50 | |
| 5/9/2007 | <300 | <20 | 3.2 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| VW-3 | | | | | | | | | |
| VW-4 | | | | | | | | | |
| 2/10/2003 | ≤4,000 | <2,000 | 2500 | <0.50 | <0.50 | <0.50 | | | |
| 6/3/2003 | <2,000 | 4,100 | 440 | <10 | <10 | <10 | | | н поминальным жентерен не этих иниципитительного положных дветоческого иниципитителя и - |
| 8/14/2003 | <1,000 | 3,200 | 170 | \$5.0 | <5.0 | <5.0 | ₹5:0 | ₹5,0 | |
| 11/13/2003 | <1,000 | 3,300 | 130 | <5.0 | <5.0 | <5.0 | | | Secretaria (a. 14.14.14.14.14.14.14.14.14.14.14.14.14.1 |
| 02/13/2004 | ≤500 | 1,300 | 210 | <2.5 | <2.5 | <2.5 | 42 5 | <2.5 | |
| 05/05/2004 | <200 | 1,500 | 66 | <1.0 | 1.3 | <1.0 | <1.0 | <1.0 | |
| 08/30/2004 | <1,000 | 5,400 | 220 | ≤5.0 | 5:4 | iiiiii≤5.0ii | :::::::5::0 ::::::::::::::::::::::::::: | ₹5.0 | |
| 11/08/2004 | <500 | 2,700 | 140 | <2.5 | <2.5 | <2.5 | <2,5 | <2.5 | |
| 02/07/2005 | <100 | 1,000 | 47. | ₹0.50 | 0.89 | <0.50 | <0.50 | <050 | |
| 05/09/2005 | <100 | 1,200 | 37 | < 0.50 | 0.92 | <0.50 | <0.50 | <0.50 | |
| 08/11/2005 | <100 | 2,000 | 15 | \$0.50 | 18 | <0.50 | <0.50 <1.0 | <0.50 <1.0 | |
| 12/02/2005 | <200 <300 | 2,400 230 | 28 11 | <1.0 <0.50 | 2.2 <0.50 | <1.0 <0.50 | <0.50 | <0.50 | |
| 02/15/2006 5/19/2006 | <300 | 230 580 | 16 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | |
| 8/25/2006 | 300 H | 1,900 | | <0.50 | 1,9 | <0.50 | <0.50 | \$0.50 | |
| 11/2/2006 | <300 | 2,400 | 20 | <0.50 | 2.3 | <0.50 | <0.50 | <0.50 | n anna pangangan na mangangan na manangan na mangangan na mangangan na mangangan na mangangan na mangangan na a |
| 2/6/2007 | 300 | _, | 16 | ₹0.50 | | ≤0,50 | ≤0.50 | - <0.50 | |
| 5/9/2007 | 44.505/55/55/55/55/55/55/55/55/55/55/55/55/ | 410 | 21 | < 0.50 | <0.50 | <0.50 | <0.50 | <0.50 | u proudence ne aleksii kan markii ji ordin eriji ki propiente ub monuse ne ee |

SYMBOLS AND ABBREVIATIONS:

- -- = Not analyzed/applicable/measured/available
- < = Not detected at or above the laboratory reporting limit

1,2-DCA = 1,2-Dichlorocthane

DIPE = Di-isopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

μg/L = Micrograms per Liter

FOOTNOTES:

- a = Calibration verification for ethanol was within the method limits but outside the contract limits.
- b = The initial analysis for TBA was within holding time but required dilution.

NOTES:

All volatile organic compounds analyzed using EPA Method 8260B.

The data within this table collected prior to August 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 3. Historical Ground-Water Flow Direction and Gradient Station #6002, 6235 Seminary Ave., Oakland, CA

| 3/15/1995 West-Southwest 0.08 | Date Sampled | Approximate Flow Direction | Approximate Hydraulic Gradient |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 97/17955 West-Southwest 0.09 11/3/1995 West-Southwest 0.08 2723/1996 West-Southwest 0.08 5700/1996 West-Southwest 0.08 5700/1996 Southwest 0.08 11/8/1996 Southwest 0.08 11/8/1996 Southwest 0.06 3721/1997 West-Southwest 0.05 5/27/1997 West-Southwest 0.07 8/3/1997 West 0.08 10/29/1997 West 0.08 10/29/1997 West 0.08 10/29/1997 West-Southwest 0.07 7/28/1998 West-Southwest 0.07 7/28/1998 West 0.07 7/28/1998 West 0.07 10/27/1998 West-Southwest 0.07 10/27/1999 West-Southwest 0.07 6/17/1999 West-Southwest 0.07 6/17/1999 West-Southwest 0.07 8/25/1999 West-Southwest 0.09 1/10/2000 West-Southwest 0.09 1/10/2000 West-Southwest 0.09 1/10/2000 West-Southwest 0.09 1/10/2000 West-Southwest 0.08 1/10/2001 West-Southwest 0.08 1/10/2002 West-Southwest 0.08 1/10/2003 West-Southwest 0.09 1/17/2002 West-Southwest 0.09 1/17/2002 West-Southwest 0.09 1/17/2003 West-Southwest 0.09 1/17/2003 West-Southwest 0.09 1/17/2004 West-Southwest 0.09 1/17/2005 West-Southwest 0.09 1/17/2006 West-Southwest 0.09 1/17/2007 West-Southwest 0.09 1/17/2008 West-Southwest 0.09 1/17/2009 West-Southwest 0.09 1/17/2000 West | 3/15/1995 | 1 | 80.0 |
| 17/3/1995 West-Southwest 0.08 | 5/30/1995 | West-Southwest | in the state of th |
| 272/1996 West-Southwest 0.08 | 9/1/1995 | | |
| STID(1996 West-Southwest 0.08 S/9/1996 Southwest 0.08 Southwest 0.08 Southwest 0.08 Southwest 0.06 Southwest 0.06 SOUTHWEST 0.05 SOUTHWEST 0.05 SOUTHWEST 0.07 SOUTHWEST 0.07 SOUTHWEST 0.08 SOUTHWEST 0.09 SOUTHWEST 0.08 SOUTHWEST 0.04 SOUTHWEST 0.04 SOUTHWEST 0.06 SOUTHWEST 0.07 SOUTHWEST 0.05 SOUTHWEST 0.05 SOUTHWEST 0.05 SOUTHWEST 0.05 SOUTHWEST 0.09 SOUTHWEST 0.08 SOUTHWEST 0.09 SOUTHWEST 0.07 SOUTHWEST 0.05 SOUTHWEST 0.05 SOUTHWEST 0.05 SOUTHWEST 0.05 SOUTHWEST 0.05 SO | 1/13/1995 | West-Southwest. | 1994 Profession of the contract of the contr |
| September Southwest Sout | The second responsible to the second respons | | LARGE CONTROL OF THE PROPERTY |
| 11/8/1996 | Language and the state of the s | | A DESCRIPTION OF THE PROPERTY |
| 3/21/1997 West-Southwest 0.05 | | | l |
| S/27/1997 West | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1.1. and block to the second transfer of the |
| 8/5/1997 West 0.08 10/29/1997 West-Southwest 0.04 2/25/1998 West 0.05 5/12/1998 West 0.07 7/28/1998 West 0.07 10/27/1998 West Southwest 0.06 2/8/1999 West-Southwest 0.07 8/25/1999 West-Northwest 0.07 8/25/1999 West-Southwest 0.07 2/16/2000 Southwest 0.07 2/16/2000 West 0.09 8/17/2000 West 0.09 11/10/2000 West 0.09 11/10/2000 West-Southwest 0.08 2/12/2001 West-Southwest 0.09 11/10/2001 West-Southwest 0.09 1/14/2002 West-Southwest 0.08 1/14/2002 West-Southwest 0.09 1/1/27/2002 West-Southwest 0.09 2/10/2003 Southwest 0.06 8/4/2003 West-Southwest 0.07 <td< td=""><td>and the second second and the second /td><td>•</td><td></td></td<> | and the second second and the second | • | |
| 10/25/1998 West-Southwest 0.04 | 1200 1200 1200 1200 1200 1200 1200 1200 | | |
| 2/25/1998 | | | The state of the s |
| Syl2/1998 West 0,07 | | | |
| 7/28/1998 West 0.07 10/27/1998 West-Southwest 0.06 2/8/1999 West-Southwest 0.07 6/1/1999 West-Northwest 0.07 8/25/1999 West-Southwest 0.07 10/29/1999 West 0.06 2/16/2000 Southwest 0.05 6/23/2000 West 0.09 11/10/2000 West 0.09 11/10/2000 West-Southwest 0.08 2/12/2001 West-Southwest 0.07 4/13/2001 West 0.09 11/18/2001 West 0.08 10/1/2001 West-Southwest 0.08 10/1/2001 West-Southwest 0.07 4/3/2002 West-Southwest 0.09 11/27/2002 West-Southwest 0.09 11/27/2002 West-Southwest 0.06 6/3/2003 West 0.07 8/14/2003 West-Southwest 0.07 11/13/2004 Southwest 0.07 | | | ###################################### |
| 10/27/1998 West-Southwest 0.06 | 77.70 | | 120112112121110101101010101010101010101 |
| 2/8/1999 West-Southwest 0.07 6/1/1999 West-Northwest 0.07 8/25/1999 West 0.07 10/29/1999 West 0.07 2/16/2000 Southwest 0.05 6/23/2000 West 0.04 8/17/2000 West 0.09 11/10/2000 West 0.09 2/12/2001 West-Southwest 0.07 4/13/2001 West 0.09 7/18/2001 West 0.08 10/1/2001 West-Southwest 0.08 1/14/2002 West-Southwest 0.07 4/3/2002 West-Southwest 0.08 8/8/2002 West-Southwest 0.09 1/12/27/2002 West-Southwest 0.06 6/3/2003 Southwest 0.07 8/14/2003 West-Southwest 0.07 1/1/3/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | Anna to a control of the second of the second and t | | |
| 8/25/1999 West-Southwest 0.07 10/29/1999. West 0.07 2/16/2000 Southwest 0.05 6/23/2000. West 0.04 8/17/2000 West 0.09 11/10/2000 West 0.09 2/12/2001 West-Southwest 0.07 4/13/2001 West 0.09 7/18/2001 West 0.09 1/14/2002 West-Southwest 0.08 1/14/2002 West-Southwest 0.00 8/8/2002 West-Southwest 0.09 1/1/2/2002 West-Southwest 0.09 1/1/2/2002 West-Southwest 0.09 1/1/2/2003 Southwest 0.06 6/3/2003 West-Southwest 0.07 8/14/2003 West-Southwest 0.07 1/1/3/2003 West-Southwest 0.07 1/1/3/2004 Southwest 0.07 | | | CONTROL FOR THE PROPERTY OF TH |
| 8/25/1999 West-Southwest 0.07 1 10/29/1999 West 0.07 2/16/2000 Southwest 0.05 6/23/2000 West 0.04 8/17/2000 West 0.09 11/10/2000 West-Southwest 0.09 2/12/2001 West-Southwest 0.07 4/13/2001 West 0.08 10/1/2001 West-Southwest 0.08 17/14/2002 West-Southwest 0.07 4/3/2002 West-Southwest 0.08 8/8/2002 West-Southwest 0.09 1/1/27/2002 West-Southwest 0.08 2/10/2003 Southwest 0.06 16/3/2003 West-Southwest 0.07 8/14/2003 West-Southwest 0.07 11/13/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | | | to be a superior of the superi |
| 10/29/1999 West | [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10] [17:10 | The state of the s | |
| 2/16/2000 Southwest 0.05 6/23/2000 West 0.04 8/17/2000 West 0.09 1\(\text{L}\)10/2000 West-Southwest 0.08 2/12/2001 West-Southwest 0.07 4/13/2001 West 0.08 10/1/2001 West-Southwest 0.08 1/14/2002 West-Southwest 0.07 4/3/2002 West-Southwest 0.08 8/8/2002 West-Southwest 0.09 11/27/2002 West-Southwest 0.08 2/10/2003 Southwest 0.06 6/3/2003 West-Southwest 0.07 11/13/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | | | 0.07 |
| 8/17/2000 West 0.09 11/10/2000 West-Southwest 0.08 2/12/2001 West-Southwest 0.07 4/13/2001 West 0.09 7/18/2001 West 0.08 10/1/2001 West-Southwest 0.08 1/14/2002 West-Southwest 0.07 4/3/2002 West-Southwest 0.09 8/8/2002 West-Southwest 0.09 1/1/27/2002 West-Southwest 0.06 6/3/2003 West 0.07 8/14/2003 West-Southwest 0.07 11/13/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | | | 0.05 |
| 11/10/2000 West-Southwest 0.08 | 6/23/2000 | West | 0.04 |
| 2/12/2001 West-Southwest 0.07 4/13/2001 West 0.09 7/18/2001 West 0.08 1/0/1/2001 West-Southwest 0.08 1/14/2002 West-Southwest 0.07 4/3/2002 West-Southwest 0.08 8/8/2002 West-Southwest 0.09 1/1/27/2002 West-Southwest 0.08 2/10/2003 Southwest 0.06 6/3/2003 West-Southwest 0.07 1/1/13/2003 West-Southwest 0.07 1/1/13/2004 Southwest 0.05 | 8/17/2000 | West | · · |
| 4/13/2001 West 0.09 7/18/2001 West 0.08 10/1/2001 West-Southwest 0.08 1/14/2002 West-Southwest 0.07 4/3/2002 West-Southwest 0.08 8/8/2002 West-Southwest 0.09 1/1/27/2002 West-Southwest 0.08 2/10/2003 Southwest 0.06 6/3/2003 West-Southwest 0.07 8/14/2003 West-Southwest 0.07 11/13/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | 11/10/2000 | -West-Southwest | 0:08 |
| 7/18/2001 West 0.08 10/1/2001 West-Southwest 0.08 1/14/2002 West-Southwest 0.07 4/3/2002 West-Southwest 0.08 8/8/2002 West-Southwest 0.09 11/27/2002 West-Southwest 0.08 2/10/2003 Southwest 0.06 6/3/2003 West-Southwest 0.07 8/14/2003 West-Southwest 0.07 11/13/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | 2/12/2001 | West-Southwest | 0.07 |
| 10/1/2001 West-Southwest 0.08 | 4/13/2001 | West | 0,09 |
| 1/14/2002 West-Southwest 0.07 4/3/2002 West-Southwest 0.08 8/8/2002 West-Southwest 0.09 1/1/27/2002 West-Southwest 0.08 2/10/2003 Southwest 0.06 6/3/2003 West-Southwest 0.07 8/14/2003 West-Southwest 0.07 11/13/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | 7/18/2001 | | COLUMN STREET, LINE AND ALL AN |
| A/3/2002 West-Southwest 0.08 | T0/1/2001 | West-Southwest | (reference |
| 8/8/2002 West-Southwest 0.09 11/27/2002 West-Southwest 0.08 2/10/2003 Southwest 0.06 6/3/2003 West 0.07 8/14/2003 West-Southwest 0.07 11/13/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | | | |
| 1/27/2002 West-Southwest 0.08 | Fighter in the second section of the second | | 49144444444444444444444444444444444444 |
| 2/10/2003 Southwest 0.06 6/3/2003 West 0.07 8/14/2003 West-Southwest 0.07 11/13/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | | | ALCONOMINATION OF THE PROPERTY |
| West | Particular de la contraction d | 2 10 10 10 10 10 10 10 10 10 10 10 10 10 | |
| 8/14/2003 West-Southwest 0.07 11/13/2003 West-Southwest 0.07 2/13/2004 Southwest 0.05 | Annual Control of the Control of the Annual Control of the Control | | Proposed to the contract of th |
| 11/13/2003 West-Southwest 0:07 2/13/2004 Southwest 0.05 | | | |
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| 8/30/2004 Southwest 0.07 11/8/2004 Southwest 0.10 | | The second secon | a or specification of the contract of the cont |
| 2/7/2005 Southwest 0.1 | 50 (| | |
| 2///2005 Southwest 0.07 | | | |

Table 3. Historical Ground-Water Flow Direction and Gradient Station #6002, 6235 Seminary Ave., Oakland, CA

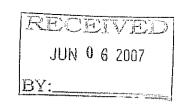
| Date Sampled | Approximate Flow Direction | Approximate Hydraulic Gradient |
|--------------|----------------------------|--------------------------------|
| 8/1/1/2005 | West | 0.07 |
| 12/2/2005 | Southwest | 0.10 |
| 2/15/2006 | Southwest | 0.07 |
| 4/28/2006 | West | 0.07 |
| 8/25/2006 | West | 0.07 |
| 11/2/2006 | West | 0.09 |
| 2/6/2007 | West | 0,05 |
| 5/9/2007 | West | 0.05 |

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

APPENDIX A

STRATUS GROUND-WATER SAMPLING DATA PACKAGE (INCLUDES FIELD DATA SHEET AND LABORATORY ANALYTICAL REPORT WITH CHAIN-OF-CUSTORDY DOCUMENTATION)





3330 Cameron Park Drive, Ste 550 Cameron Park, California 95682 (530) 676-6004 ~ Fax: (530) 676-6005

May 31, 2007

Mr. Rob Miller Broadbent & Associates, Inc. 2000 Kirman Avenue Reno, NV 89502

Re:

/ 0

Groundwater Sampling Data Package, BP Service Station No. 6002, located at 6235 Seminary Avenue, Oakland, California (Quarterly Monitoring performed on

May 9, 2007)

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson

Phone Number: (530) 676-6000

On-Site Supplier Representative: Jerry Gonzales

Date: May 9, 2007

Arrival: 11:00 Departure: 12:45

Weather Conditions: Clear

Unusual Field Conditions: None

Scope of Work Performed: Quarterly monitoring and sampling

Variations from Work Scope: Depth to water measurement was not taken from Well MW-8

because a car was parked on the well.

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include field data sheets, chain of custody documentation, and certified analytical results. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Sincerely, STRATUS ENVIRONMENTAL, INC. Jay R. Johnson No. 5867

Attachments:

- Field Data Sheets
- Chain of Custody Documentation
- Certified Analytical Results

CC: Mr. Paul Supple, BP/ARCO

BP ALAMEDA PORTFOLIO

HYDROLOGIC DATA SHEET

| AK-11:00 | -DP- | 1245 |
|----------|------|------|
| | | |

Gauge Date: 5-907

Project Name: Oakland - 6235 Seminary Ave.

Field Technician:

Project Number: 6002

TOC = Top of Well Casing Elevation
DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

DIA = Well Casing Diameter ELEV = Groundwater Elevation DUP = Duplicate

| WELL OR LOCATION | TIME | | | MEASU | REMENT | | | PURGE & SAMPLE | SHEEN CONFIRMATION | COMMENTS |
|------------------------------------------------------|-------|-----|-----|-------|--------|-----|------|----------------------------------------|-----------------------|---------------|
| | | TOC | DTP | DTW | DTB | DIA | ELEV | | (w/bailer) | • |
| MW-3 | | | | 8.72 | 2436 | | | | | |
| MW. Y | | | | 10,97 | 2465 | | | | | |
| MW5 | | | | 12.50 | 24.90 | | | | | |
| MW-6 | | | | 7.03 | 32.90 | | | | | |
| me 1 | 11:24 | | | 11.60 | | | | | į | |
| MW.8 | | | | | | | | ************************************** | ' | COTTLOCATE |
| VW-1 | | | | 790 | 1308 | | | | | well carporte |
| MW-3 MW-5 MW-6 MW-8 VW-1 VW-1 VW-4 | | | | 8.75 | 14.10 | | | | | ı |
| VW-4 | | | | 9.75 | | | | | | |
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BP ALAMEDA PORTFOLIO WATER SAMPLE FIELD DATA SHEET WELL I.D.: 6002 PURGED BY: PROJECT #: SAMPLED BY: SAMPLE I.D.: CLIENT NAME: Oakland - 6235 Seminary Ave. LOCATION: OA SAMPLES: 7:09 DATE PURGED START (2400hr) END (2400hr) / 75 DATE SAMPLED SAMPLE TIME (2400hr) SAMPLE TYPE: Groundwater Surface Water Treatment Effluent Other CASING DIAMETER: Other Casing Volume: (gallons per foot) (0.17)(0.38)(1.02)(1.50)(2.60)3 08 DEPTH TO BOTTOM (feet) = CASING VOLUME (gal) = DEPTH TO WATER (feet) = CALCULATED PURGE (gal) = WATER COLUMN HEIGHT (feet) = ACTUAL PURGE (gal) = FIELD MEASUREMENTS DATE TIME VOLUME TEMP. CONDUCTIVITY COLOR pΗ TURBIDITY (2400hr) (degrees F) (units) (gal) (umhos/cm) (visual) (NTU) SAMPLE INFORMATION SAMPLE DEPTH TO WATER: SAMPLE TURBIDITY: 80% RECHARGE: ANALYSES: ODOR: 1/5 SAMPLE VESSEL / PRESERVATIVE: PURGING EQUIPMENT SAMPLING EQUIPMENT Bladder Pump Bailer (Teflon) Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC) Centrifugal Pump PVC or \(\square \) disposable) Bailer (Submersible Pump Bailer (Stainless Steel) Submersible Pump Bailer (Stainless Steel) Peristalic Pump Dedicated Peristalic Pump Dedicated Other: Other: Pump Depth: WELL INTEGRITY: LOCK#: SIGNATURE: of Page

BP ALAMEDA PORTFOLIO WATER SAMPLE FIELD DATA SHEET 6002 WELL I.D.: PROJECT #: PURGED BY: CLIENT NAME: SAMPLED BY: SAMPLE I.D.: LOCATION: Oakland - 6235 Seminary Ave. QA SAMPLES: START (2400hr) /25/9 END (2400hr) / 2://5 DATE PURGED SAMPLE TIME (2400hr) / 2:/5 DATE SAMPLED SAMPLE TYPE: Groundwater Surface Water Treatment Effluent CASING DIAMETER: Other Casing Volume: (gallons per foot) (0.17)(0.38) (1.02)DEPTH TO BOTTOM (feet) = CASING VOLUME (gal) == DEPTH TO WATER (feet) = CALCULATED PURGE (gal) = WATER COLUMN HEIGHT (feet) = ACTUAL PURGE (gal) = FIELD MEASUREMENTS DATE TIME VOLUME TEMP. CONDUCTIVITY pН COLOR TURBIDITY (2400hr) (gal) (degrees F) (units) (visual) (NTU) SAMPLE INFORMATION SAMPLE DEPTH TO WATER: SAMPLE TURBIDITY: ANALYSES: SEE WOYK 80% RECHARGE: ✓ YES NO SAMPLE VESSEL / PRESERVATIVE: PURGING EOUIPMENT SAMPLING EQUIPMENT Bladder Pump Bailer (Teflon) Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC or disposable) Bailer (PVC) Centrifugal Pump ___Submersible Pump Bailer (Stainless Steel) Submersible Pump Bailer (Stainless Steel) Peristalic Pump Dedicated Peristalic Pump Dedicated Other: Other: Pump Depth: LOCK#: Alterior WELL INTEGRITY: SIGNATURE: Page of

| BP ALA! | MEDA PORTFOLIO | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| WATER SAMPLE FIELD DATA SHEET | | | | | | | | | |
| PROJECT #: 6002 PURGED BT CLIENT NAME: SAMPLED BT LOCATION: Oakland - 6235 Seminary Ave. | | | | | | | | | |
| , | 100hr) | | | | | | | | |
| CASING DIAMETER: 2" 3" (0.38) | 4" 5" 6" 8" Other (1.02) (1.50) | | | | | | | | |
| DEPTH TO BOTTOM (feet) = 2 9 90 DEPTH TO WATER (feet) = 12 90 WATER COLUMN HEIGHT (feet) = 12 9 | CASING VOLUME (gal) = CALCULATED PURGE (gal) = ACTUAL PURGE (gal) = | | | | | | | | |
| FIE | LD MEASUREMENTS | | | | | | | | |
| DATE TIME VOLUME TEMP. (2400hr) (gal) (degrees F | 549 689 000 | | | | | | | | |
| SAMPLE DEPTH TO WATER: /2.50 | MPLE INFORMATION SAMPLE TURBIDITY: Clear | | | | | | | | |
| ODOR: 445 SAMPLE VESSEL / PRESE | | | | | | | | | |
| PURGING EQUIPMENT Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC) Submersible Pump Bailer (Stainless Steel) Peristalic Pump Dedicated Other: Pump Depth: | SAMPLING EQUIPMENT Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC or disposable) Submersible Pump Bailer (Stafnless Steel) Peristalic Pump Dedicated Other: | | | | | | | | |
| WELL INTEGRITY: SOCIL REMARKS: D 5-1-92 SIGNATURE: | LOCK#: MaSTar Page of | | | | | | | | |

Wellhead Observation Form

| Account: | |
|-------------------|--------------|
| Sampled by: Jerry | Date: 5-9-07 |

| Well ID | Box in good condition | Lock Missing (Replaced with new) | Water in Box | Bolts Missing | Bolts Stripped | Bolt-Holes Stripped | Cracked or Broken Lid | Cracked Box and/or Bolt - Holes | Misc. | Add'l Notes and Other Stuff |
|---------|-----------------------------|-------------------------------------------|-----------------|------------------|-------------------|------------------------|-----------------------------------------|---------------------------------------------|-------|-----------------------------|
| MW.3 | 4 | N | 4 | 1 | 1 | w | 1 | p | | |
| 100-4 | 4 | N | 1 | pt part | Mark. | 1 | W | A port | | |
| MNS | y | \sim | 4 | <i>/</i> ./ | 2 | N | 2 | ~ | | |
| NW-6 | 400 | N | N | N | N | N | R | مسام | | |
| MIN-9 | y | N | N | N | N | N. | 1 | N | | |
| MW. T | | | | | | | | | | |
| VW-1 | Cy | N | N | 1 | N | N | 1-1 | ~ | , | |
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Lab Name: TestAmerica

Chain of Custody Record

Project Name: BP 6002 BP BU/AR Region/Enfos Segment:

BP > Americas > West > Retail > CA > Alameda>6002

6002

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

BP/AR Facility No.;

| On-site Time: ///oc | Temp: 52_ | |
|-------------------------|---------------|--|
| Off-site Time: / Z: 9.5 | Temp: 855 | |
| Sky Conditions: | | |
| Meteorological Events: | - | |
| Wind Speed: | Direction; | |

Stratus Environmental, Inc.

Consultant/Contractor:

| Address: 885 Jarvis Drive | | BP/AR Facility Address: 6235 Seminary Avenue, Oakland Address: 3330 | | | | | | | | Address: 3330 Ca | amer | on Park Drive, Suite 550 | | | | |
|--------------------------------------------------------------------|---------|---------------------------------------------------------------------|-------------------|-------------|---------------------------------------|---------|----------|-----------|---------------|------------------|--------------|--------------------------|---------------------------|--------|--------------------------------------------------------------------------------|--|
| Morgan Hill, CA 95937 | | Site Lat/Long: | | | | | | | | | | | Cameron Park, CA 95682 | | | |
| ab PM: Lisa Race | | California Global ID | #: | T0600 | 01001 | 05 | | | | | | | Consultant/Contractor I | Projec | ct No.: E6002-04 | |
| Tele/Fax: 408-782-8156 408-782-6308 (fax) | Ш | Enfos Project No.: | | G0C8 | K-00 | 15 | | | | | | | Consultant/Contractor I | PM: | Jay Johnson | |
| 3P/AR PM Contact: Paul Supple | | Provision or RCOP | (cir | le one |) | Prov | vision | 1 | | | | | Tele/Fax: (530) 6 | 76-60 | 000 / (530) 676-6005 | |
| Address: 2010 Crow Canyon Place, Suite 150 | Ш | Phase/WBS: | | 04-M | onitori | ng | | , <u></u> | | | | | Report Type & QC Lev | el: | Level 1 with EDF | |
| San Ramon, CA | | Sub Phase/Task: | | 03-An | · · · · · · · · · · · · · · · · · · · | | | | | | | | E-mail EDD To: sha | | | |
| Tele/Fax: 925-275-3506 | Ш | Cost Element: | | 01-Co | ntract | or labo | r | | | | | | Invoice to: Atlantic Ric | chfiel | d Co. | |
| Lab Bottle Order No: Matrix | (| | | | Pres | ervati | ve | _ | | , | , | Regi | tested Analysis | | | |
| Trime Samble Description Time Soil/Solid Water/Liquid Air | | Laboratory No. | No. of Containers | Unpreserved | H ₂ SO ₄ | HCI | Methanol | | GRO/BTEX/Oxy* | 1,2 DCA | EDB | Ethanol by 8260 | | | Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA | |
| 1 MW-5 /236 59-7 X | | | 3 | | | x | | | x | x | x | Х | | | | |
| 2 VW-1 /7=5 5-9-7 X | | | 6 | | | х | | Н | \vdash | х | | х | | | | |
| 3 VW-4 1215 59-7 X | | | 3 | | | x | | | X | Х | х | x | | | | |
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| hipment Date: | | <i>P</i> | | | | | | | | | | | 009,000 | | | |
| hipment Method: | | | | | | • | | | | | | | | | | |
| Chipment Tracking No: | | | | | | | | | | | | | | | | |
| pecial Instructions: Please cc results to: rmille | r@b | roadbentinc.com | | | | | | | | | | | | | | |
| Contactor Contactor Disease Visa / No. 1 True Disease Visa / No. 1 | - / > 1 | | | T | | 4. | 0- | 10 | 1 | 7 | .! F | 111 | . 3//3/ 1 3/6 | 1/3 40 | VD Committee of Van / No. | |
| Custody Seals In Place: Yes / No Temp Blank: Yes | s / IN | o Cooler T | emp | on R | eceip | :: | F | /C | 1 | 11 | ıp E | iank | :: Yes / No MS | 5/(VIS | SD Sample Submitted: Yes / No | |



30 May, 2007

Jay Johnson Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park, CA 95682

RE: ARCO #6002, Oakland, CA

Work Order: MQE0436

Enclosed are the results of analyses for samples received by the laboratory on 05/11/07 20:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race

Senior Project Manager

CA ELAP Certificate # 1210

The results in this laboratory report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPGCLN Technical Specifications, applicable Federal, State, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPGCLN. This entire report was reviewed and approved for release.





| Stratus Environmental Inc. [Arco] | Project: ARCO #6002, Oakland, CA | MQE0436 |
|-----------------------------------|----------------------------------|----------------|
| 3330 Cameron Park Dr., Suite 550 | Project Number: G0C8K-0015 | Reported: |
| Cameron Park CA, 95682 | Project Manager: Jay Johnson | 05/30/07 16:39 |

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|---------------|--------|----------------|----------------|
| MW-5 | MQE0436-01 | Water | 05/09/07 12:30 | 05/11/07 20:20 |
| VW-1 | MQE0436-02 | Water | 05/09/07 12:05 | 05/11/07 20:20 |
| VW-4 | MQE0436-03 | Water | 05/09/07 12:15 | 05/11/07 20:20 |
| TB 6002 05092007 | MQE0436-04 | Water | 05/09/07 05:00 | 05/11/07 20:20 |

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies. These samples were received with no custody seals.





Project: ARCO #6002, Oakland, CA

Project Number: G0C8K-0015 Project Manager: Jay Johnson MQE0436 Reported: 05/30/07 16:39

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) TestAmerica - Morgan Hill, CA

| Analyte Re | esult | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------------------------------------------------------------------|---------|--------------------|-------------|----------|---------|----------|----------|-----------|-------|
| MW-5 (MQE0436-01) Water Sampled: 05/09/0 | 7 12:30 | Received: | 05/11/07 2 | 0:20 | | | | | |
| Gasoline Range Organics (C4-C12) 44 | 400 | 100 | ug/l | 2 | 7E19016 | 05/19/07 | 05/19/07 | LUFT GCMS | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98 % | 60-12 | 5 | Ħ | n | n | n | |
| Surrogate: Dibromofluoromethane | | 100 % | 75-12 | 0 | 11 | It | n | " | |
| Surrogate: Toluene-d8 | | 100 % | 80-12 | 0 | " | 11 | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 107 % | 60-13 | 5 | II | n | " | n | |
| VW-1 (MQE0436-02) Water Sampled: 05/09/0 | 7 12:05 | Received: | 05/11/07 20 | :20 | | | | | |
| Analyte Result Limit Units Dilution Batch Prepared Analyzed Method Note | | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95 % | 60-12 | 5 | " | 11 | " | n | |
| Surrogate: Dibromofluoromethane | | 98 % | 75-12 | 0 | 11 | II | tt | п | |
| Surrogate: Toluene-d8 | | 98 % | 80-12 | 0 | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 100 % | 60-13 | 5 | 17 | 17 | n | n | |
| VW-4 (MQE0436-03) Water Sampled: 05/09/0 | 7 12:15 | Received: | 05/11/07 20 | :20 | | | | | |
| Gasoline Range Organics (C4-C12) | 110 | 50 | ug/l | ì | 7E19016 | 05/19/07 | 05/19/07 | LUFT GCMS | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99 % | 60-12 | 5 | n | " | 11 | " | |
| Surrogate: Dibromofluoromethane | | 101 % | 75-12 | 0 | n | ** | " | # | |
| Surrogate: Toluene-d8 | | 100 % | 80-12 | 0 | " | " | n | " | |
| Surrogate: 4-Bromofluorobenzene | | 98 % | 60-13 | 5 | n | n | " | " | |





Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550

Cameron Park CA, 95682

Project: ARCO #6002, Oakland, CA

MQE0436 Project Number: G0C8K-0015 Reported: Project Manager: Jay Johnson 05/30/07 16:39

Volatile Organic Compounds by EPA Method 8260B TestAmerica - Morgan Hill, CA

| NW-5 (MQE0436-01) Water Sampled: 05/09/07 12:30 Received: 05/11/07 20:20 tert-Amyl methyl ether ND 1.0 ugl 2 7E19016 05/19/07 05/19/07 EPA 8260B Benzene ND 1.0 " " " " " " " " " | Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------|--------------------|------------|----------|---------|----------|----------|-----------|-------|
| Benzene | MW-5 (MQE0436-01) Water 5 | Sampled: 05/09/07 12:30 | Received: | 05/11/07 | 20:20 | | | | | |
| Starter Start St | tert-Amyl methyl ether | ND | 1.0 | ug/l | 2 | 7E19016 | 05/19/07 | 05/19/07 | EPA 8260B | |
| Di-isopropyl ether ND 1.0 " " " " " " " " " | Benzene | ND | 1.0 | *1 | II | н | 11 | 19 | It. | |
| 1,2-Dichloromethane (EDB) | tert-Butyl alcohol | 69 | 40 | *1 | п | u | 11 | 19 | 11 | |
| 1,2-Dichloroethane ND 1.0 " " " " " " " " " " | Di-isopropyl ether | ND | 1.0 | ţ1 | II. | ti ti | н | 19 | U | |
| Ethyl tert-butyl ether | 1,2-Dibromoethane (EDB) | ND | 1.0 | 11 | U | a | H | U | U | |
| Ethyl tert-butyl ether ND 1.0 " " " " " " " " " " " " " " " " " " | 1,2-Dichloroethane | ND | 1.0 | łı | II . | ti | H | U | n | |
| Ethylenzene | Ethanol | ND | 600 | ŧ | D | H | 19 | U | u | |
| Methyl tert-butyl ether 31 1.0 " " " " " " " " " " " " " " " " " " | Ethyl tert-butyl ether | ND | 1.0 | 11 | 11 | ** | I† | u | U | |
| Toluene | Ethylbenzene | 4.9 | 1.0 | H | Ħ | 11 | 17 | Ħ | U | |
| Xylenes (total) 1.5 1.0 " " " " " " Surrogate: Dibromofluoromethane-ds 100 % 75-120 " " " " Surrogate: I,2-Dichloroethane-d8 100 % 80-120 " " " " Surrogate: 4-Bromofluorobenzere 107 % 60-135 " " " " VW-1 (MQE0436-02) Water Sampled: 05/09/07 12:05 Received: 05/11/07 20:20 V TE19016 05/19/07 05/19/07 EPA 8260B Benzene ND 0.50 ug/l 1 7E9016 05/19/07 05/19/07 EPA 8260B Benzene ND 0.50 ug/l 1 7E9016 05/19/07 05/19/07 EPA 8260B Benzene ND 0.50 ug/l 1 7E9016 05/19/07 05/19/07 EPA 8260B Benzene ND 0.50 ug/l | Methyl tert-butyl ether | | 1.0 | и | ш | in . | н | u . | а | |
| Surrogate: Dibromofluoromethane | Toluene | | | | | | | | | |
| Surrogate: Dichloroethane-d4 98 % 60-125 " " " " " Surrogate: Toluene-d8 100 % 80-120 " " " " " " Surrogate: 4-Bromofluorobenzene 107 % 60-135 " " " " " " VW-1 (MQE0436-02) Water Sampled: 05/09/07 12:05 Received: 05/11/07 20:20 tert-Amyl methyl ether ND 0.50 ug/l 1 7E19016 05/19/07 05/19/07 EPA 8260B Benzene ND 0.50 " " " " " " " " " " " " " " tert-Butyl alcohol ND 20 " " " " " " " " " " " " " " " " 1,2-Dibromoethane (EDB) ND 0.50 " " " " " " " " " " " " " " " " " " " 1,2-Dichloroethane ND 0.50 " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " | Xylenes (total) | 1.5 | 1.0 | " | *1 | " | " | ** | | |
| Surrogate: Toluene-d8 100 % 80-120 " " " " Surrogate: 4-Bromofluorobenzere 107 % 60-135 " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " | Surrogate: Dibromofluoromethan | e | 100 % | 75-1 | 20 | IF | ** | 11 | 11 | |
| 107 % 60-125 | Surrogate: 1,2-Dichloroethane-d4 | 1 | 98 % | 60-1 | 25 | n | ** | " | " | |
| VW-1 (MQE0436-02) Water Sampled: 05/09/07 12:05 Received: 05/11/07 20:20 tert-Amyl methyl ether ND 0.50 ug/l 1 7E19016 05/19/07 05/19/07 05/19/07 EPA 8260B Benzene ND 0.50 " " " " " " " " " " " " " " " " " " " | Surrogate: Toluene-d8 | | 100 % | 80-1 | 20 | " | n | 11 | " | |
| tert-Amyl methyl ether ND 0.50 ug/l 1 7E19016 05/19/07 05/19/07 EPA 8260B Benzene ND 0.50 " " " " " " " " " " " " " " " " " " " | Surrogate: 4-Bromofluorobenzene | 2 | 107 % | 60-1 | 35 | Ir | tt | 11 | " | |
| Benzene | VW-1 (MQE0436-02) Water S | Sampled: 05/09/07 12:05 | Received: | 05/11/07 2 | 20:20 | | | | | |
| tert-Butyl alcohol ND 20 " " " " " " " " " " " " " " " " " " | tert-Amyl methyl ether | ND | 0.50 | ug/l | 1 | 7E19016 | 05/19/07 | 05/19/07 | EPA 8260B | |
| Di-isopropyl ether ND 0.50 " " " " " " " " " 1,2-Dibromoethane (EDB) ND 0.50 " " " " " " " " " " " " " " " " " " " | Benzene | ND | 0.50 | # | u | tt | le . | D | 11 | |
| 1,2-Dibromoethane (EDB) ND 0.50 " " " " " " " " " " " " " " " " " " " | tert-Butyl alcohol | ND | 20 | п | O | 0 | 14 | 0 | * | |
| 1,2-Dichloroethane (BDB) 1,2-Dichloroethane ND 0.50 " " " " " " " " " " " " " " " " " " " | Di-isopropyl ether | ND | 0.50 | а | U | ti | R | U | н | |
| Ethanol ND 300 " " " " " " " " " " Ethyl tert-butyl ether ND 0.50 " " " " " " " " " " " " " " " " " " " | 1,2-Dibromoethane (EDB) | ND | 0.50 | п | U | ti | le . | U | Ħ | |
| Ethyl tert-butyl ether ND 0.50 " " " " " " " " " " " " " " " " " " " | 1,2-Dichloroethane | ND | 0.50 | łi | п | ŧi | If | U | и | |
| Ethylbenzene ND 0.50 " " " " " " " " " " " " " " " " " " " | Ethanol | ND | 300 | 41 | II. | " | п | IJ | п | |
| Methyl tert-butyl ether 3.2 0.50 " | Ethyl tert-butyl ether | ND | 0.50 | +1 | 0 | 0 | 14 | U | и | |
| Toluene ND 0.50 " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " <th< td=""><td>Ethylbenzene</td><td></td><td></td><td>ti .</td><td>0</td><td>0</td><td>H</td><td>0</td><td>H</td><td></td></th<> | Ethylbenzene | | | ti . | 0 | 0 | H | 0 | H | |
| Xylenes (total) ND 0.50 " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " | Methyl tert-butyl ether | 3.2 | 0.50 | ti | 0 | Ð | l† | | H | |
| Surrogate: Dibromofluoromethane 98 % 75-120 " " " " Surrogate: 1,2-Dichloroethane-d4 95 % 60-125 " " " " " Surrogate: Toluene-d8 98 % 80-120 " " " " " | Toluene | ND | 0.50 | 11 | II . | ŧı | IF. | U | H . | |
| Surrogate: 1,2-Dichloroethane-d4 95 % 60-125 " " " " Surrogate: Toluene-d8 98 % 80-120 " " " " " | Xylenes (total) | ND | 0.50 | п | n | ń | Į! | 0 | 14 | |
| Surrogate: Toluene-d8 98 % 80-120 " " " " | Surrogate: Dibromofluoromethan | e | 98 % | 75-1 | 20 | 11 | " | 11 | n | |
| 30-120 90 00-120 | Surrogate: 1,2-Dichloroethane-d4 | į | 95 % | 60-1 | 25 | 11 | n | п | n | |
| Surrogate: 4. Bromoflygropenzene 100 % 60-135 " " " " " | Surrogate: Toluene-d8 | | 98 % | 80-1 | 20 | 17 | " | If | tt | |
| Sui 10 Guie, T-Di Omojimoi Oberizene 100 70 00-133 | Surrogate: 4-Bromofluorobenzene | ? | 100 % | 60-1 | 35 | n | n | II | " | |





Project: ARCO #6002, Oakland, CA

Project Number: G0C8K-0015

MQE0436 Reported: 05/30/07 16:39

Volatile Organic Compounds by EPA Method 8260B TestAmerica - Morgan Hill, CA

Project Manager: Jay Johnson

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------------------------------|-------------------------|--------------------|----------|----------|---------|----------|-----------|----------------|-------|
| VW-4 (MQE0436-03) Water | Sampled: 05/09/07 12:15 | Received: | 05/11/07 | 20:20 | | | | | |
| tert-Amyl methyl ether | ND | 0.50 | ug/l | 1 | 7E19016 | 05/19/07 | 05/19/07 | EPA 8260B | |
| Benzene | ND | 0.50 | It | Iŧ | IJ | н | U | ıı | |
| tert-Butyl alcohol | 410 | 20 | 17 | 17 | II . | II . | u | и | |
| Di-isopropyl ether | ND | 0.50 | n | r | 0 | n | U | и | |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | n | B | n | n, | ţI | И | |
| 1,2-Dichloroethane | ND | 0.50 | n | D | ** | ij | †I | и | |
| Ethanol | ND | 300 | 17 | H | 0 | 0 | fI | tt. | |
| Ethyl tert-butyl ether | ND | 0.50 | 17 | 19 | 0 | 0 | †I | II . | |
| Ethylbenzene | ND | 0.50 | ıt | n | ø | " | †1 | If | |
| Methyl tert-butyl ether | 21 | 0.50 | 11 | 17 | U | 0 | ti | f t | |
| Toluene | ND | 0.50 | 11 | I† | U | 0 | Ħ | H | |
| Xylenes (total) | ND | 0.50 | I+ | I) | U | 0 | Ħ | lt . | |
| Surrogate: Dibromofluorometha | пе | 101 % | 75- | 120 | н | н | 11 | ,, | |
| Surrogate: 1,2-Dichloroethane-a | 14 | 99 % | 60- | 125 | n | n | n | n | |
| Surrogate: Toluene-d8 | | 100 % | 80- | 120 | n | n | II. | " | |
| Surrogate: 4-Bromofluorobenzei | ne | 98 % | 60- | 135 | n | n | 17 | u | |





Project: ARCO #6002, Oakland, CA

MQE0436

Project Number: G0C8K-0015 Project Manager: Jay Johnson Reported: 05/30/07 16:39

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control TestAmerica - Morgan Hill, CA

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|-----------------------------------------|--------|-----------|-------|------------|-----------|-----------|--------|-----|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 7E19016 - EPA 5030B P/T / LUF | T GCMS | | | | | | | | | |
| Blank (7E19016-BLK1) | | | | Prepared | & Analyze | d: 05/19/ | 07 | | | |
| Gasoline Range Organics (C4-C12) | ND | 50 | ug/l | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 2.41 | | 11 | 2.50 | | 96 | 60-125 | | | |
| Surrogate: Dibromofluoromethane | 2.48 | | " | 2.50 | | 99 | 75-120 | | | |
| Surrogate: Toluene-d8 | 2.50 | | tt | 2.50 | | 100 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 2.31 | | 11 | 2.50 | | 92 | 60-135 | | | |
| Laboratory Control Sample (7E19016-BS2) | | | | Prepared o | & Analyze | d: 05/19/ | 07 | | | |
| Gasoline Range Organics (C4-C12) | 496 | 50 | ug/l | 500 | | 99 | 65-120 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 2.51 | | " | 2.50 | | 100 | 60-125 | | | |
| Surrogate: Dibromofluoromethane | 2.55 | | u | 2.50 | | 102 | 75-120 | | | |
| Surrogate: Toluene-d8 | 2.60 | | " | 2.50 | | 104 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 2,45 | | rr | 2.50 | | 98 | 60-135 | | | |
| Laboratory Control Sample Dup (7E19016- | BSD2) | | | Prepared o | & Analyze | d: 05/19/ | 07 | | | |
| Gasoline Range Organics (C4-C12) | 489 | 50 | ug/l | 500 | | 98 | 65-120 |] | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 2.42 | | 71 | 2.50 | | 97 | 60-125 | | | |
| Surrogate: Dibromofluoromethane | 2.48 | | " | 2.50 | | 99 | 75-120 | | | |
| Surrogate: Toluene-d8 | 2.56 | | " | 2.50 | | 102 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 2.44 | | n | 2.50 | | 98 | 60-135 | | | |





Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Project: ARCO #6002, Oakland, CA

Spike

Source

%REC

MQE0436 Reported: 05/30/07 16:39

RPD

Project Number: G0C8K-0015 Project Manager: Jay Johnson Cameron Park CA, 95682

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Reporting

| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
|------------------------------------|-----------|-------|-------|----------|-----------------------------------------|-------------|--------|-----|-------|-------|
| Batch 7E19016 - EPA 5030B P/T / | EPA 8260B | | | | | | | | | |
| Blank (7E19016-BLK1) | | | | Prepared | & Analyze | :d: 05/19/0 | 07 | | | |
| tert-Amyl methyl ether | ND | 0.50 | ug/l | | ****** | | | | | |
| Benzene | ND | 0.50 | ** | | | | | | | |
| tert-Butyl alcohol | ND | 20 | 8 | | | | | | | |
| Di-isopropyl ether | ND | 0.50 | н | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | u | | | | | | | |
| 1,2-Dichloroethane | ND | 0.50 | u | | | | | | | |
| Ethanol | ND | 300 | ú | | | | | | | |
| Ethyl tert-butyl ether | ND | 0.50 | u | | | | | | | |
| Ethylbenzene | ND | 0.50 | ti ti | | | | | | | |
| Methyl tert-butyl ether | ND | 0.50 | н | | | | | | | |
| Toluene | ND | 0.50 | †I | | | | | | | |
| Xylenes (total) | ND | 0.50 | н | | | | | | | |
| Surrogate: Dibromofluoromethane | 2.48 | | 11 | 2.50 | *************************************** | 99 | 75-120 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 2.41 | | " | 2.50 | | 96 | 75-120 | | | |
| Surrogate: Toluene-d8 | 2.50 | | " | 2.50 | | 100 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 2.31 | | 11 | 2.50 | | 92 | 60-135 | | | |
| Laboratory Control Sample (7E19016 | i-BS1) | | | Prepared | & Analyzo | ed: 05/19/0 | 07 | | | |
| tert-Amyl methyl ether | 9.50 | 0.50 | ug/l | 10.0 | | 95 | 65-135 | | | |
| Benzene | 10.5 | 0.50 | н | 10.0 | | 105 | 75-120 | | | |
| tert-Butyl alcohol | 168 | 20 | H | 200 | | 84 | 60-135 | | | |
| Di-isopropyl ether | 9.94 | 0.50 | н | 10.0 | | 99 | 70-130 | | | |
| 1,2-Dibromoethane (EDB) | 10.4 | 0.50 | н | 10.0 | | 104 | 80-135 | | | |
| 1,2-Dichloroethane | 9.84 | 0.50 | п | 0.01 | | 98 | 70-125 | | | |
| Ethanol | 201 | 300 | 'n | 200 | | 100 | 15-150 | | | |
| Ethyl tert-butyl ether | 9.86 | 0.50 | 11 | 10.0 | | 99 | 65-130 | | | |
| Ethylbenzene | 10.2 | 0.50 | 11 | 0.01 | | 102 | 75-120 | | | |
| Methyl tert-butyl ether | 9.40 | 0.50 | 11 | 10.0 | | 94 | 50-140 | | | |
| Toluene | 10.8 | 0.50 | 11 | 0.01 | | 108 | 75-120 | | | |
| Xylenes (total) | 30.5 | 0.50 | Ħ | 30.0 | | 102 | 75-120 | | | |
| Surrogate: Dibromofluoromethane | 2.55 | | 11 | 2.50 | | 102 | 75-120 | | | • |
| Surrogate: 1,2-Dichloroethane-d4 | 2.36 | | 11 | 2.50 | | 94 | 60-125 | | | |
| Surrogate: Toluene-d8 | 2.58 | | ıı | 2.50 | | 103 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 2.48 | | " | 2.50 | | 99 | 60-135 | | | |





Project: ARCO #6002, Oakland, CA

Spike

Source

%REC

Project Number: G0C8K-0015 Project Manager: Jay Johnson MQE0436 Reported: 05/30/07 16:39

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Reporting

| | | reporting | | Thire | Donice | | MICLC | | KI D | |
|-----------------------------------|-----------|-----------|-------|----------|----------|------------|--------|-----|-------|------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Note |
| Batch 7E19016 - EPA 5030B P/T / E | EPA 8260B | | | | | | | | | |
| Matrix Spike (7E19016-MS1) | Source: M | QE0436-02 | | Prepared | & Analyz | ed: 05/19/ | 07 | | | |
| tert-Amyl methyl ether | 10.5 | 0.50 | ug/l | 10.0 | ND | 105 | 65-135 | | | |
| Benzene | 11,2 | 0.50 | н | 10.0 | ND | 112 | 75-120 | | | |
| ert-Butyl alcohol | 185 | 20 | е | 200 | ND | 92 | 60-135 | | | |
| Di-isopropyl ether | 10.8 | 0.50 | н | 10.0 | ND | 108 | 70-130 | | | |
| ,2-Dibromoethane (EDB) | 11.7 | 0.50 | ө | 10,0 | ND | 117 | 80-135 | | | |
| ,2-Dichloroethane | 10.8 | 0.50 | н | 10.0 | ND | 108 | 70-125 | | | |
| Ethanol | 211 | 300 | ø | 200 | ND | 106 | 15-150 | | | |
| Ethyl tert-butyl ether | 11.0 | 0.50 | " | 10.0 | ND | 110 | 65-130 | | | |
| Ethylbenzene | 10.9 | 0.50 | 'n | 10.0 | ND | 109 | 75-120 | | | |
| Methyl tert-butyl ether | 14.5 | 0.50 | Ħ | 10.0 | 3.2 | 113 | 50-140 | | | |
| l'oluene | 11.5 | 0.50 | #1 | 10.0 | ND | 115 | 75-120 | | | |
| Xylones (total) | 32.6 | 0.50 | ď | 30.0 | ND | 109 | 75-120 | | | |
| Surrogate: Dibromofluoromethane | 2.53 | | ij | 2.50 | | 101 | 75-120 | | | , |
| Surrogate: 1,2-Dichloroethane-d4 | 2.48 | | 11 | 2.50 | | 99 | 75-120 | | | |
| Surrogate: Toluene-d8 | 2.52 | | " | 2.50 | | 101 | 80-120 | | | |
| Surrogate: 4-Bromofluorobenzene | 2.55 | | n | 2.50 | | 102 | 60-135 | | | |
| Matrix Spike Dup (7E19016-MSD1) | Source: M | QE0436-02 | | Prepared | & Analyz | ed: 05/19/ | 07 | | | |
| ert-Amyl methyl ether | 9.92 | 0.50 | ug/l | 10.0 | ND | 99 | 65-135 | 6 | 25 | |
| Benzene | 11.1 | 0.50 | D | 10.0 | ND | 111 | 75-120 | 0.9 | 20 | |
| ert-Butyl alcohol | 182 | 20 | н | 200 | ND | 91 | 60-135 | 2 | 25 | |
| Di-isopropyl ether | 10.6 | 0.50 | р | 10.0 | ND | 106 | 70-130 | 2 | 25 | |
| ,2-Dibromoethane (EDB) | 11.7 | 0.50 | n | 10.0 | ND | 117 | 80-135 | 0 | 30 | |
| ,2-Dichloroethane | 10.8 | 0.50 | ų | 10.0 | ND | 108 | 70-125 | 0 | 25 | |
| Ethanol | 192 | 300 | 0 | 200 | ND | 96 | 15-150 | 9 | 25 | |
| Ethyl tert-butyl ether | 10.8 | 0.50 | IJ | 10.0 | ND | 108 | 65-130 | 2 | 25 | |
| Ethylbenzene | 10.7 | 0.50 | 0 | 10.0 | ND | 107 | 75-120 | 2 | 20 | |
| Methyl tert-butyl ether | 14.2 | 0.50 | ø | 10.0 | 3.2 | 110 | 50-140 | 2 | 25 | |
| Coluene | 11.2 | 0.50 | | 10.0 | ND | 112 | 75-120 | 3 | 25 | |
| Kylenes (total) | 32,2 | 0.50 | ti | 30.0 | ND | 107 | 75-120 | 1 | 20 | |
| Surrogate: Dibromofluoromethane | 2,57 | | 11 | 2.50 | | 103 | 75-120 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 2.47 | | 11 | 2.50 | | 99 | 75-120 | | | |
| | 2.52 | | rr . | 2.50 | | 101 | 00.130 | | | |

2.52

2.61

Surrogate: Toluene-d8

Surrogate: 4-Bromofluorobenzene

80-120

60-135

101

104

2.50

2.50





Project: ARCO #6002, Oakland, CA Project Number: G0C8K-0015 MQE0436 Reported: 05/30/07 16:39

Project Manager: Jay Johnson

Notes and Definitions

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR

Not Reported

dry

Sample results reported on a dry weight basis

RPD

Relative Percent Difference

| Atlantic Richfield |
|-------------------------|
| Company |
| A BP affiliated company |

Chain of Custody Record

Project Name: BP 6002
BP BU/AR Region/Enfos Segment:

BP > Americas > West > Retail > CA > Alameda>6002

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

| 74 | Page_ 1 of _ 1 . |
|------------------------|------------------|
| On-site Time: // 100 | Temp: 52 |
| Off-site Time: / 2:95 | Temp: 85 |
| Sky Conditions: | |
| Meteorological Events: | |
| Wind Speed: | Direction: |

| Lab Name: TestAmerica | BP/AR Facility No.: | 6002 | Consultant/Contractor: Stratus Environmental, Inc. | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------|----------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------|--|--|
| Address: 885 Jarvis Drive | BP/AR Facility Address | ess: 6235 Seminary Avenue, | Address: 3330 Cameron Park Drive, Suite 550 | | | | |
| Morgan Hill, CA 95937 | Site Lat/Long: | | | Cameron Park, CA 95682 | | | |
| Lab PM: Lisa Race | California Global ID #: | #: T0600100105 | | Consultant/Contractor Project No.: E6002-04 | | | |
| Tele/Fax: 408-782-8156 408-782-6308 (fax) | Enfos Project No.; | G0C8K-0015 | | Consultant/Contractor PM: Jay Johnson | | | |
| BP/AR PM Contact: Paul Supple | Provision or RCOP (ci | circle one) Provision | | Tele/Fax: (530) 676-6000 / (530) 676-6005 | | | |
| Address: 2010 Crow Canyon Place, Suite 150 | Phase/WBS: | 04-Monitoring | | Report Type & QC Level: Level 1 with EDF | | | |
| San Ramon, CA | Sub Phase/Task: | 03-Analytical | | E-mail EDD To: shaves@stratusinc.net | | | |
| Tele/Fax: 925-275-3506 | Cost Element: | 01-Contractor labor | | Invoice to: Atlantic Richfield Co. | | | |
| Lab Bottle Order No: Matrix | | Preservative | Requ | ested Analysis | ited Analysis | | |
| Item Sample Description Off OA'3 C Soil/Solid Water/Liquid Air | Paporatory No. Of Containers | Unpreserved H-SO, HNO, HCI Methanol | GRO/BTEX/Oxy* 1,2 DCA EDB Ethanol by 8260 | | Sample Point Lat/Long and Comments *Oxy = MTBD, TAME, ETBE, DIPE, TBA | | |
| 1 MW-5 /230 5.909 X | -01 3 | | | | | | |
| 2 VW-1 7705 547 X | -02 6 | | | | | | |
| 3 VW-4 /215 59-7 X | -03 3 | | | | | | |
| 4 TB 6002 ひちひろつのひつ 5つ 5ラップ X | -04 2 | | | | HOLD | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | 1 7 | | | | |
| Sampler's Name: 5) exry Gon 801.09 | Relinquishe | ted By / Affiliation | Date Time | Accepted By / A | Affiliation Date Time | | |
| impler's Company: Doulos ENV | 1/2003 5-11-7 1130 | | | Che 1 Llet 5-16-7 1/3 | | | |
| ment Date: | Classiff 5-11-57 16 16 | | | H rs | | | |
| nt Method: | Jan 1856 5/1/67 2025 | | | andy Alelason 5/11/07 2020 | | | |
| · ITACKING 140. | | | | | | | |
| ctions: Please cc results to: rmiller@broadbentinc.com | | | | | | | |
| Is In Place: Yes (No) Temp Blank: Yes/No Cooler Temp on Receipt: L. 9: °F/C Trip Blank: Yes/No MS/MSD Sample Submitted (A) /No | | | | | | | |
| als In Place: Yes (No) Temp Blank: (Yes) No Cooler Temp on Receipt: 4.8 °F(C) Trip Blank: Yes) No MS/MSD Sample Submitted: (Yes / No | | | | | | | |

TEST AMERICA SAMPLE RECEIPT LOG

| REC. BY (PRINT.) | Arco 6002 A.M. MOE0436 | AS CATALOGO TRAINING LIBERTY LANGE | DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN: | 5/11/07 2020 5/14/07 | | | 15 to 14 | For Regulatory Purposes? DRINKING WATER YES / NO WASTE WATER YES / NO | | |
|----------------------------------------|------------------------------|------------------------------------|-------------------------------------------------------------|----------------------------|----------|------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| CIRCLE THE APPRO | OPRIATE RESPONSE | LAB SAMPLE# | CLIENT ID | CONTAINER DESCRIPTION | , , | pН | SAMPLE MATRIX | DATE . | REMARKS: CONDITION (ETC.) | |
| 1. Custody Seal(s) | Present / Absent | | | | | | | | | |
| | Intact / Broken* | | | | | | | | | |
| 2. Chain-of-Custody | Present / Absent* | | | | | | | | | |
| 3. Traffic Reports or | | | | | | | | | | |
| Packing List: | Present / Absent | | ** | | | • | | | | |
| 4. Airbill: | Airbill / Sticker | | | | | | | - / | | |
| | Present / Apsent | | | | | | | | | |
| 5. Airbill #: - | | | | | | | | | | |
| 6. Sample Labels: | Present / Absent | | | | | | | | , | |
| 7. Sample IDs: | Leted / Not Listed | | | 5/11/07 5/11/07 | | | | | | |
| | on Chain-of-Custody | | | ~ | 12.6 | | | | | |
| 8. Sample Condition: | In(act / Broken*/ | | | 7770,1 | (00) | | | | | |
| | Leaking* | | ` | 5/11/20 | | | | | | |
| 9. Does information or | ı chain-of-custody, | | | 7 55 | | | | | | |
| traffic reports and s | • | | | | | | | | | |
| agree? | γ@s / No* | | | | _ | | | | | |
| Sample received with | | | | | | | | | | |
| hold time? | (rej) / No* | | / | · | | | | | | |
| 11. Adequate sample volu | ume | | | | | | | | 7 | |
| received? | @ / No* | | | | | | | | i i | |
| 12. Proper preservalives | | | | | | | | | | |
| 13. Trip Blank / Temp Bla | | | | • | | | | | 7 | |
| (circle which, if yes) | (es)/No* | | | | | | | | 110 | |
| 14. Read Temp: | 4.8°C | | | | | | | | 1 | |
| Corrected Temp: | <u> </u> | | | | | | | | | |
| 🔪 Is corrected temp 4+ | /-2°C? (eg / No** | | | | | | | | A BARE | |
| eptance range for samples re | | | | | | | | | r r r r r r r r r r r r r r r r r r r | |
| | TALS / DFF ON ICE | | | | | | | | Cons. | |
| `roblem COC | | | | | | | | | THE STATE OF THE S | |
| Antonia antonia la maistra | | *IF CIRC | LED, CONTACT PROJEC | T MANAGER | AND ATTA | CH R | ECORD C | F RESOLU | TION. | |

"sion 8 "ev 7 (07/19/05) "3/06

Dana) at

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

UPLOADING A GEO_WELL FILE

Processing is complete. No errors were found! Your file has been successfully submitted!

Submittal Title:

2Q07 GEO_WELL 6002

Facility Global ID:

T0600100105

ARCO #6002

Facility Name:

Submittal Date/Time:

7/23/2007 10:30:39 AM

Confirmation Number:

9481495738

Back to Main Menu

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been successfully uploaded!

Confirmation Number: 3786668717

Date/Time of Submittal: 6/29/2007 9:20:53 AM

Facility Global ID: T0600100105 Facility Name: ARCO #6002

Submittal Title: 2Q07 GW Monitoring **Submittal Type:** GW Monitoring Report

Click here to view the detections report for this upload.

ARCO #6002 6235 SEMINARY OAKLAND, CA 94605 Regional Board - Case #: 01-0113

SAN FRANCISCO BAY RWOCB (REGION 2) Local Agency (lead agency) - Case #: RO0000163

ALAMEDA COUNTY LOP - (SP)

CONF# 3786668717 SUBMITTED BY TITLE 2Q07 GW Monitoring QUARTER Q2 2007

SUBMIT DATE Broadbent & Associates, Inc.

6/29/2007

STATUS PENDING REVIEW

SAMPLE DETECTIONS REPORT

FIELD POINTS SAMPLED

SAMPLE MATRIX TYPES

- SURROGATE SPIKE

3 3

FIELD POINTS WITH DETECTIONS

FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL

2 WATER

METHOD QA/QC REPORT METHODS USED

8260FA,8260TPH

TESTED FOR REQUIRED ANALYTES? LAB NOTE DATA QUALIFIERS

N

Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS n METHOD HOLDING TIME VIOLATIONS n LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT ٥ LAB BLANK DETECTIONS 0 DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING? - LAB METHOD BLANK Y - MATRIX SPIKE М - MATRIX SPIKE DUPLICATE Ν - BLANK SPIKE Υ

WATER SAMPLES FOR 8021/8260 SERIES MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% Y MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% Υ SURROGATE SPIKES % RECOVERY BETWEEN 85-115% Y BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% Y

SOIL SAMPLES FOR 8021/8260 SERIES MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% n/a MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% n/a SURROGATE SPIKES % RECOVERY BETWEEN 70-125% n/a BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% n/a FIELD QC SAMPLES SAMPLE COLLECTED DETECTIONS > REPDL QCTB SAMPLES Ν 0

N

Ν

Logged in as BROADBENT-C (CONTRACTOR)

QCEB SAMPLES

QCAB SAMPLES

CONTACT SITE ADMINISTRATOR.

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