

R0489

CAMBRIA

SMB
780 ✓

February 7, 2002

FEB 13 2002

Amir K. Gholami
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-8577

Re: **Fourth Quarter 2001 Groundwater Monitoring Report**
BP Oil Site No. 11107
18501 Hesperian Boulevard
San Lorenzo, California
Cambria Project No. 852-1512

Received 2/14/02
3/18/02
Abb



Dear Mr. Gholami:

On behalf of BP Oil Company, Cambria Environmental Technology, Inc. has prepared this *Fourth Quarter 2001 Groundwater Monitoring Report* for the above referenced site. This report summarizes chemical data collected since 1992 including analytical results associated with samples recently collected on November 2, 2001.

Water level and analytical results for this monitoring event are summarized in Figure 1 and on Table 1 of Appendix A. Based on the contoured elevations, water generally flowed toward the west. During this monitoring event, benzene was not reported in the analyzed samples. Well MW-4 reported 134 micrograms per liter of methyl tert butyl ether (MTBE).

Benzene and MTBE concentration and water level trends in well MW-4 are shown in Figure 2. Analytical results below method reporting limits are plotted at one half the detection limit (open symbol). The generally decreasing concentration trends depicted in well MW-4 are consistent with a petroleum release undergoing natural attenuation.

Oakland, CA
San Ramon, CA
Sonoma, CA

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

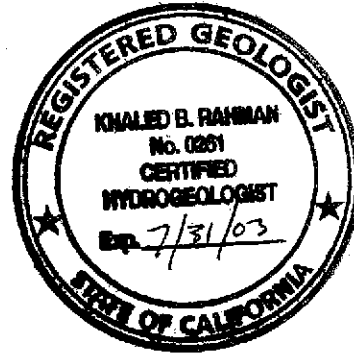
C A M B R I A

We appreciate the opportunity to work with you on this project. If you have any questions or comments, please don't hesitate to call me at (510) 450-1985.

Sincerely,
Cambria Environmental Technology, Inc.



Khaled Rahman, R.G., C.H.G.
Associate Geologist



Attachments

Figure 1 – Groundwater Elevation Contour Map

Figure 2 – Concentration and Water Level Trends – Well MW-4

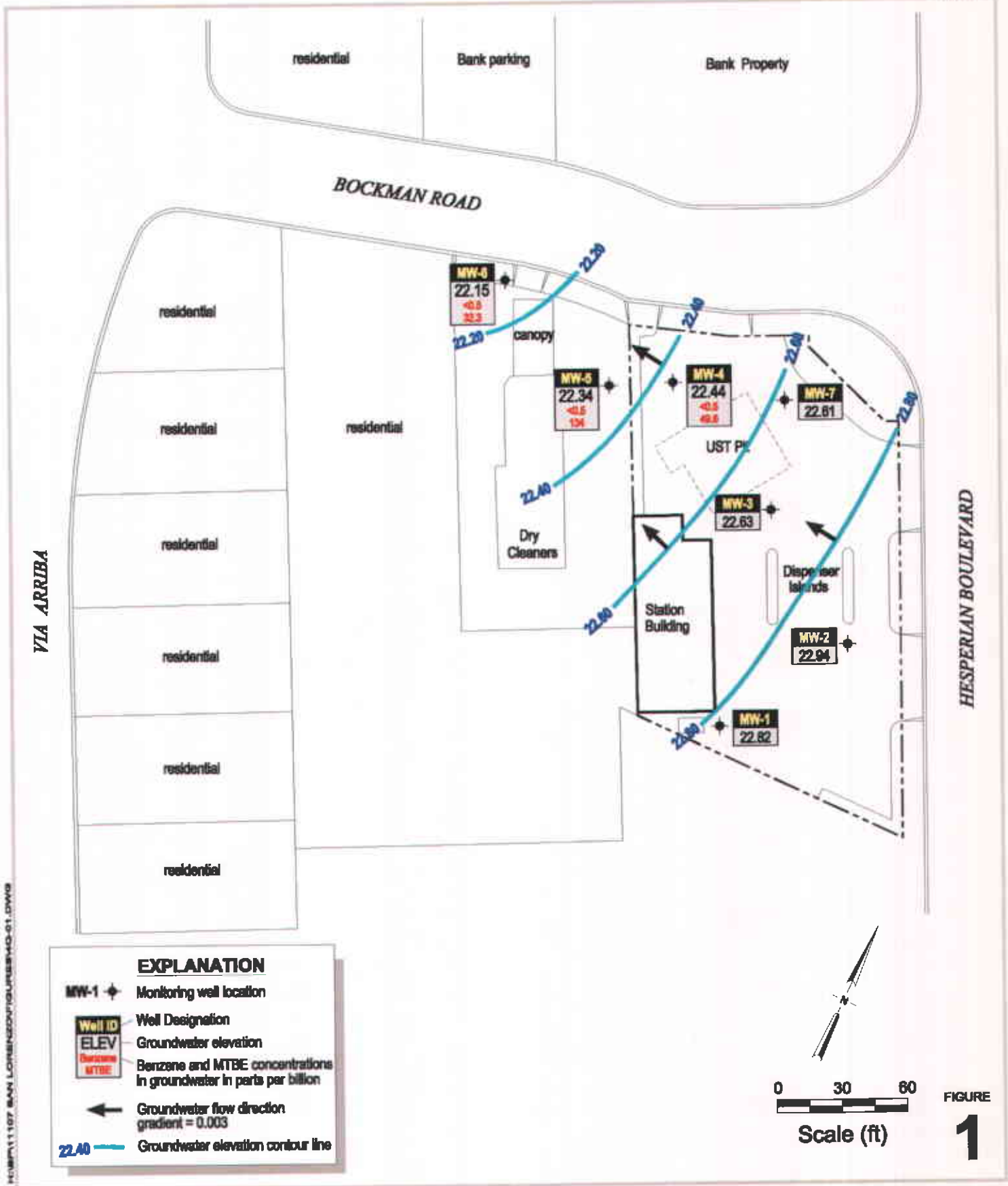
Appendix A – Blaine Tech Services, Inc., 4th Quarter 2001 Monitoring at 11107

cc: Scott Hooton, BP Oil Company, Environmental Resources Management, 295 SW 41st Street, Building 13, Suite N, Renton, Washington 98055-4931 (1 original)
Dave Camille, Tosco Marketing Company, 2000 Crow Canyon Place, Suite 400, San Ramon, California 95118-3686 (1 copy)

C A M B R I A



FIGURES



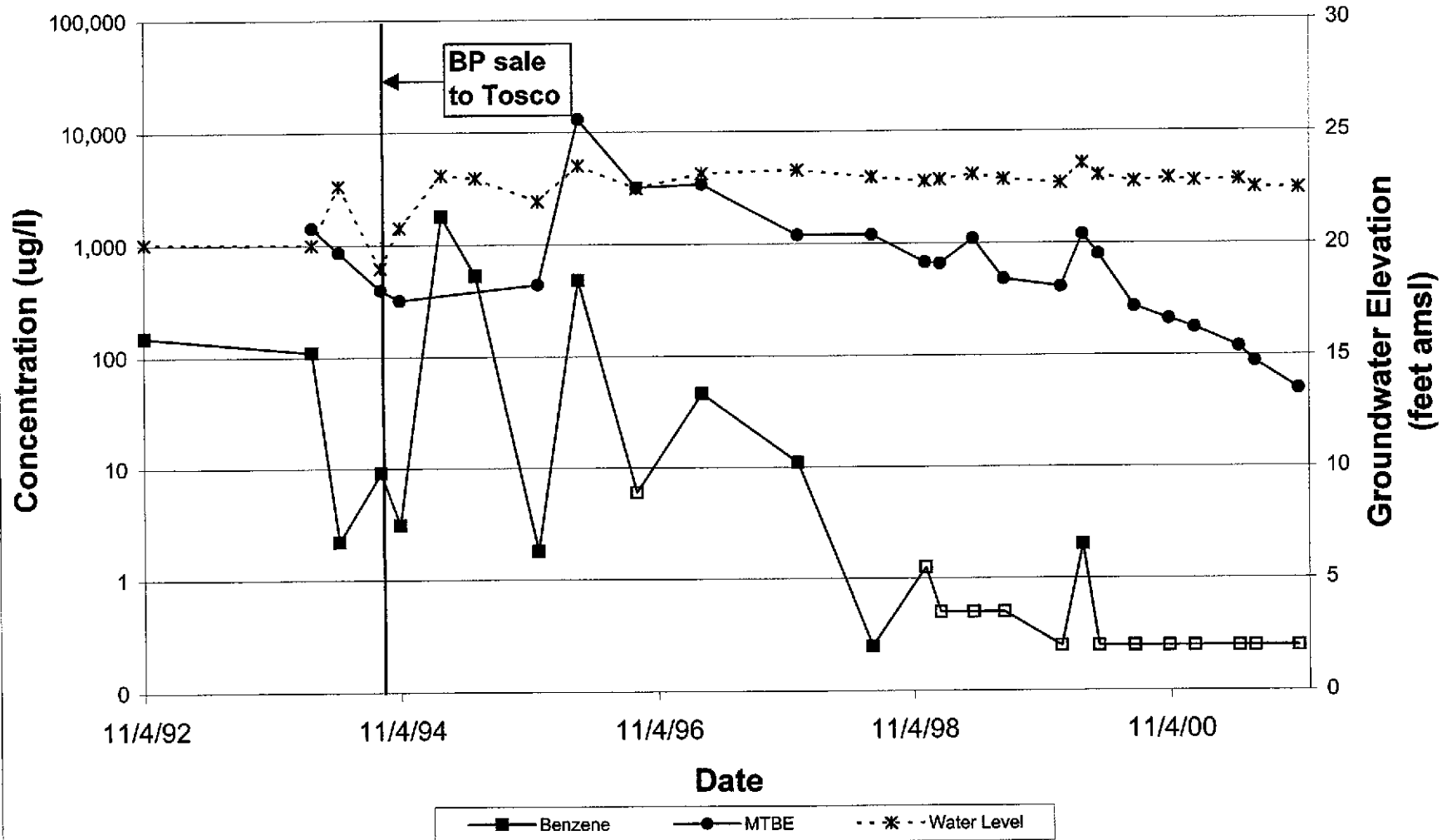
HEMP11107 SAN LORENZO/10/URS/HQ-01.DWG

BP Oil Site No. 11107
 18501 Hesperian Boulevard
 San Lorenzo, California



**Groundwater Elevation
 Contour Map**
 November 2, 2001

Concentration and Water Level Trends Well MW-4



BP Oil Site 11107
18501 Hesperian Boulevard
San Lorenzo, California

C A M B R I A



APPENDIX A

Blaine Tech Services, Inc.
4th Quarter 2001 Monitoring

BP WELL MONITORING DATA SHEET

| | |
|---------------------------------|-----------------------------------|
| Project #: <u>011102-Q2</u> | Station # <u>11107</u> |
| Sampler: <u>SS</u> | Date: <u>11/2/01</u> |
| Well I.D.: <u>MW-6</u> | Well Diameter: <u>(2)</u> 3 4 6 8 |
| Total Well Depth: <u>24.90</u> | Depth to Water: <u>16.31</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius ² * 0.163 |

Purge Method: Bailer Sampling Method: Bailer
 Disposable Bailer Disposable Bailer
 Middleburg Extraction Port
 Electric Submersible
 Extraction Pump Other: _____
 Other: _____

| | | | | | |
|-----------------------|----------|-------------------|-----|-------------------|-------|
| <u>1.4</u> | \times | <u>3</u> | $=$ | <u>4.2</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1250 | 70.6 | 6.9 | 808 | 1.4 | TURBID |
| 1253 | 69.4 | 6.8 | 811 | 2.8 | " |
| 1256 | 69.2 | 6.9 | 813 | 4.2 | " |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 4.2

Sampling Time: 1301 Sampling Date: 11/2/01

Sample I.D. (Blind): PA MW-6 Laboratory: Pace Other: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

| | | | | |
|--------------------|------------|------|-------------|------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

BP WELL MONITORING DATA SHEET

| | |
|--------------------------------|---|
| Project #: <u>011102-02</u> | Station # <u>11107</u> |
| Sampler: <u>GS</u> | Date: <u>11/2/01</u> |
| Well I.D.: <u>MW-5</u> | Well Diameter: <u>(2)</u> 3 4 6 8 _____ |
| Total Well Depth: <u>22.37</u> | Depth to Water: <u>16.73</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius ² * 0.163 |

Purge Method: Bailer Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Middleburg Extraction Port

Electric Submersible Other: _____

Extraction Pump

Other: _____

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>1.0</u> | x | <u>3</u> | = | <u>3</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1310 | 69.0 | 6.9 | 813 | 1 | TURBID |
| 1312 | 68.7 | 6.8 | 811 | 2 | " |
| 1314 | 68.6 | 6.8 | 810 | 3 | " |
| | | | | | |
| | | | | | |

Did well dewater? Yes No Gallons actually evacuated: 3

Sampling Time: 1319 Sampling Date: 11/2/01

Sample I.D. (Blind): GW MW-5 Laboratory: Pace Other: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

| | | | | |
|--------------------|------------|------|-------------|------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | mg/L |
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |

BP WELL MONITORING DATA SHEET

| | |
|---------------------------------|---|
| Project #: <u>011102-Q2</u> | Station # <u>11107</u> |
| Sampler: <u>SS</u> | Date: <u>11/2/01</u> |
| Well I.D.: <u>MW-4</u> | Well Diameter: <u>(2)</u> 3 4 6 8 _____ |
| Total Well Depth: <u>25.00</u> | Depth to Water: <u>16.80</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): YSI HACH |

| Well Diameter | Multiplier | Well Diameter | Multiplier |
|---------------|------------|---------------|-----------------------------|
| 1" | 0.04 | 4" | 0.65 |
| 2" | 0.16 | 6" | 1.47 |
| 3" | 0.37 | Other | radius ² * 0.163 |

| | |
|--|--|
| Purge Method: Bailer <input checked="" type="checkbox"/> Disposable Bailer Middleburg <input type="checkbox"/> Electric Submersible Extraction Pump Other: _____ | Sampling Method: Bailer <input checked="" type="checkbox"/> Disposable Bailer Extraction Port Other: _____ |
|--|--|

| | | | | | |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>1.3</u> | x | <u>3</u> | = | <u>3.9</u> | Gals. |
| 1 Case Volume (Gals.) | | Specified Volumes | | Calculated Volume | |

| Time | Temp (°F) | pH | Cond. | Gals. Removed | Observations |
|------|-----------|-----|-------|---------------|--------------|
| 1230 | 70.3 | 6.8 | 811 | 1.3 | clear |
| 1233 | 69.8 | 6.8 | 811 | 2.6 | " |
| 1236 | 70.0 | 6.6 | 810 | 3.9 | " |
| | | | | | |
| | | | | | |

| | |
|---|---|
| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Gallons actually evacuated: <u>3.9</u> |
| Sampling Time: <u>1241</u> | Sampling Date: <u>11/2/01</u> |
| Sample I.D. (Blind): <u>At MW-4</u> | Laboratory: <u>Pace</u> Other _____ |
| Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other: | |
| D.O. (if req'd): | Pre-purge: mg/L |
| O.R.P. (if req'd): | Pre-purge: mV |
| | Post-purge: mg/L |
| | Post-purge: mV |

Field Data Sheets



CHAIN OF CUSTODY

| | | | |
|--|--|---|--|
| CONSULTANT'S NAME Blaine Tech Services, Inc. | | CONSULTANT'S ADDRESS 1680 Rogers Ave., San Jose CA 95112 | |
| BP SITE NUMBER 11107 | BP SITE / FACILITY ADDRESS 18501 Hesperian, San Lorenzo | | CONSULTANT PROJECT NUMBER 011102-92 |
| CONSULTANT PROJECT MANAGER Scott Boor | PHONE NUMBER (408) 573-0555 x 223 | FAX NUMBER (408) 573-7771 | CONSULTANT CONTRACT NUMBER J589268 |
| BP CONTACT Scott Hooton | BP ADDRESS 295 SW 41st Street, Suite N, Renton WA | PHONE NUMBER (425) 251-0689 | FAX NO. (425) 251-0736 |
| LAB CONTACT Pace - Paula Kirtley | LABORATORY ADDRESS 900 Gemini Ave., Houston, TX 77058 | PHONE NUMBER (281) 488-1810 | FAX NO. (281) 488-4661 |
| BP CONTACT REQUESTING RUSH TAT (Print BP Contact Name) | RUSH REQUESTED OF (Print Consultant Contact Name) | DATE/TIME | SHIPMENT DATE |
| | | | SHIPMENT METHOD |

| | | |
|---|-------------------|----------------|
| AT: <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS <input checked="" type="checkbox"/> Standard 7 or 14 Days | ANALYSIS REQUIRED | AIRBILL NUMBER |
|---|-------------------|----------------|

| SAMPLE DESCRIPTION | COLLECTION DATE | COLLECTION TIME | MATRIX SOIL/WATER | CONTAINERS | | PRESERVATIVE | TPH-G + BTEX / MTBE (8015M) | TPH-D (8015M) | FUEL OXYGENATES (8260) | 1,2 DCA + EDB (8010) | | | | | | | | COMMENTS |
|--------------------|-----------------|-----------------|-------------------|------------|------------|--------------|-----------------------------|---------------|------------------------|----------------------|--|--|--|--|--|--|--|-----------|
| | | | | NO. | TYPE (VOL) | LAB SAMPLE # | | | | | | | | | | | | |
| MMW-4 | | | | | | | | | | | | | | | | | | |
| MMW-4 | 11/2/01 | 1241 | GW | 3 | 40ml. | HCL | X | | | | | | | | | | | 857718878 |
| MMW-5 | ↓ | 1319 | ↓ | ↓ | ↓ | ↓ | X | | | | | | | | | | | 79 |
| MMW-6 | ↓ | 1301 | ↓ | ↓ | ↓ | ↓ | X | | | | | | | | | | | 80 |

| | | | | | | | | |
|---|---------|------|---|---------|------|--|------------------------------|--|
| SAMPLED BY (Please Print Name) SUCHEON SUNG | | | SAMPLED BY (Signature) | | | | ADDITIONAL COMMENTS 0.4°C | |
| RELINQUISHED BY / AFFILIATION (Print Name / Signature) | DATE | TIME | ACCEPTED BY / AFFILIATION (Print Name / Signature) | DATE | TIME | | | |
| SUCHEON SUNG | 11/5/01 | 1343 | AIRBORNE EXPRESS | 11/5/01 | 1343 | | | |
| | | | | 11/6/01 | 0855 | | | |

Lab Project Number: 8524259
Client Project ID: BP Site 11107

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines, unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

- LCS(D)Laboratory Control Sample (Duplicate)
- MS(D)Matrix Spike (Duplicate)
- DUP Sample Duplicate
- ND Not Detected
- NC Not Calculable
- RPD Relative Percent Difference
- (S) Surrogate

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8524259
Client Project ID: BP Site 11107

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 851719058 851719059

| Parameter | Units | 851718884 | Spike | MS | MSD | MS | MSD | RPD | Footnotes |
|--------------------------|-------|-----------|-------|--------|--------|-------|-------|-----|-----------|
| | | Result | Conc. | Result | Result | % Rec | % Rec | | |
| Methyl-tert-butyl ether | ug/l | 0 | 50.00 | 52.85 | 53.43 | 106 | 107 | 1 | |
| 1,4-Difluorobenzene (S) | | | | | | 100 | 100 | | |
| 4-Bromofluorobenzene (S) | | | | | | 102 | 102 | | |

REPORT OF LABORATORY ANALYSIS

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Pace Analytical™

www.pacelabs.com

Pace Analytical Services, Inc.

900 Gemini Avenue

Houston, TX 77058

Phone: 281.488.1810

Fax: 281.488.4661

Lab Project Number: 8524259

Client Project ID: BP Site 11107

PARAMETER FOOTNOTES

ND Not Detected
NC Not Calculable
(S) Surrogate

Date: 11/08/01

Page: 4

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Pace Analytical Services, Inc.
 900 Gemini Avenue
 Houston, TX 77058
 Phone: 281.488.1810
 Fax: 281.488.4661

Lab Project Number: 8524259
 Client Project ID: BP Site 11107

Lab Sample No: 851718880 Project Sample Number: 8524259-003 Date Collected: 11/02/01 13:01
 Client Sample ID: MW-6 (11107) Matrix: Water Date Received: 11/06/01 08:55

| Parameters | Results | Units | Report Limit | Dilution | Analyzed | CAS No. | Fnote | Reg Limit |
|--|---------|-------|--------------|----------|----------------|---------|-----------|-----------|
| GC Volatiles | | | | | | | | |
| GAS by Mod 8015, Water Prep/Method: EPA 8015 Modified / EPA 8015 Modified | | | | | | | | |
| Gasoline Range Organics | ND | ug/l | 50. | 1.0 | 11/07/01 15:52 | WRIC | | |
| 1,4-Difluorobenzene (S) | 91 | % | | 1.0 | 11/07/01 15:52 | WRIC | | |
| 4-Bromofluorobenzene (S) | 94 | % | | 1.0 | 11/07/01 15:52 | WRIC | 460-00-4 | |
| SW8021 Aromatics, Water Prep/Method: See analytical meth / EPA 8021 | | | | | | | | |
| Benzene | ND | ug/l | 0.500 | 1.0 | 11/07/01 15:52 | WRIC | 71-43-2 | |
| Ethylbenzene | ND | ug/l | 0.500 | 1.0 | 11/07/01 15:52 | WRIC | 100-41-4 | |
| Toluene | ND | ug/l | 0.500 | 1.0 | 11/07/01 15:52 | WRIC | 108-88-3 | |
| Xylene (Total) | ND | ug/l | 1.50 | 1.0 | 11/07/01 15:52 | WRIC | 1330-20-7 | |
| Methyl-tert-butyl ether | 32.3 | ug/l | 0.500 | 1.0 | 11/07/01 15:52 | WRIC | 1634-04-4 | |
| 1,4-Difluorobenzene (S) | 100 | % | | 1.0 | 11/07/01 15:52 | WRIC | | |
| 4-Bromofluorobenzene (S) | 101 | % | | 1.0 | 11/07/01 15:52 | WRIC | 460-00-4 | |

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 8524259
Client Project ID: BP Site 11107

Lab Sample No: 851718879 Project Sample Number: 8524259-002 Date Collected: 11/02/01 13:19
Client Sample ID: MW-5 (11107) Matrix: Water Date Received: 11/06/01 08:55

| Parameters | Results | Units | Report Limit | Dilution | Analyzed | CAS No. | Ftnote | Reg Limit |
|--|---------|-------|--------------|----------|----------------|---------|-----------|-----------|
| GC Volatiles | | | | | | | | |
| GAS by Mod 8015, Water Prep/Method: EPA 8015 Modified / EPA 8015 Modified | | | | | | | | |
| Gasoline Range Organics | 130 | ug/l | 50. | 1.0 | 11/07/01 13:14 | WRIC | | |
| 1,4-Difluorobenzene (S) | 92 | % | | 1.0 | 11/07/01 13:14 | WRIC | | |
| 4-Bromofluorobenzene (S) | 94 | % | | 1.0 | 11/07/01 13:14 | WRIC | 460-00-4 | |
| SW8021 Aromatics, Water Prep/Method: See analytical meth / EPA 8021 | | | | | | | | |
| Benzene | ND | ug/l | 0.500 | 1.0 | 11/07/01 13:14 | WRIC | 71-43-2 | |
| Ethylbenzene | ND | ug/l | 0.500 | 1.0 | 11/07/01 13:14 | WRIC | 100-41-4 | |
| Toluene | ND | ug/l | 0.500 | 1.0 | 11/07/01 13:14 | WRIC | 108-88-3 | |
| Xylene (Total) | ND | ug/l | 1.50 | 1.0 | 11/07/01 13:14 | WRIC | 1330-20-7 | |
| Methyl-tert-butyl ether | 134. | ug/l | 0.500 | 1.0 | 11/07/01 13:14 | WRIC | 1634-04-4 | |
| 1,4-Difluorobenzene (S) | 101 | % | | 1.0 | 11/07/01 13:14 | WRIC | | |
| 4-Bromofluorobenzene (S) | 101 | % | | 1.0 | 11/07/01 13:14 | WRIC | 460-00-4 | |

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Pace Analytical Services, Inc.
 900 Gemini Avenue
 Houston, TX 77058
 Phone: 281.488.1810
 Fax: 281.488.4661

Blaine Tech Services, Inc.
 1680 Rogers Ave.
 San Jose, CA 95112

Lab Project Number: 8524259
 Client Project ID: BP Site 11107

Attn: Ms. Cindy Magyar
 Phone:

Lab Sample No: 851718878 Project Sample Number: 8524259-001 Date Collected: 11/02/01 12:41
 Client Sample ID: MW-4 (11107) Matrix: Water Date Received: 11/06/01 08:55

| Parameters | Results | Units | Report Limit | Dilution | Analyzed | CAS No. | Ftnote | Reg | Limit |
|--|---------|-------|--------------|----------|----------------|----------------|--------|-----|-------|
| GC Volatiles | | | | | | | | | |
| GAS by Mod 8015, Water Prep/Method: EPA 8015 Modified / EPA 8015 Modified | | | | | | | | | |
| Gasoline Range Organics | 56. | ug/l | 50. | 1.0 | 11/07/01 12:54 | WRIC | | | |
| 1,4-Difluorobenzene (S) | 92 | % | | 1.0 | 11/07/01 12:54 | WRIC | | | |
| 4-Bromofluorobenzene (S) | 94 | % | | 1.0 | 11/07/01 12:54 | WRIC 460-00-4 | | | |
| SW8021 Aromatics, Water Prep/Method: See analytical meth / EPA 8021 | | | | | | | | | |
| Benzene | ND | ug/l | 0.500 | 1.0 | 11/07/01 12:54 | WRIC 71-43-2 | | | |
| Ethylbenzene | ND | ug/l | 0.500 | 1.0 | 11/07/01 12:54 | WRIC 100-41-4 | | | |
| Toluene | ND | ug/l | 0.500 | 1.0 | 11/07/01 12:54 | WRIC 108-88-3 | | | |
| Xylene (Total) | ND | ug/l | 1.50 | 1.0 | 11/07/01 12:54 | WRIC 1330-20-7 | | | |
| Methyl-tert-butyl ether | 49.6 | ug/l | 0.500 | 1.0 | 11/07/01 12:54 | WRIC 1634-04-4 | | | |
| 1,4-Difluorobenzene (S) | 100 | % | | 1.0 | 11/07/01 12:54 | WRIC | | | |
| 4-Bromofluorobenzene (S) | 101 | % | | 1.0 | 11/07/01 12:54 | WRIC 460-00-4 | | | |

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
900 Gemini Avenue
Houston, TX 77058
Phone: 281.488.1810
Fax: 281.488.4661

November 08, 2001

Ms. Cindy Magyar
Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112

RE: Lab Project Number: 8524259
Client Project ID: BP Site 11107

Dear Ms. Magyar:

Enclosed are the analytical results for sample(s) received by the laboratory on November 6, 2001. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report please feel free to contact me.

Sincerely,

Paula Kirtley
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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Analytical Appendix

Table 1 - Summary of Results of Groundwater Sampling

ABBREVIATIONS:

| | |
|-----------|---|
| TPH-G | Total petroleum hydrocarbons as gasoline |
| TPH-D | Total petroleum hydrocarbons as diesel |
| B | Benzene |
| T | Toluene |
| E | Ethylbenzene |
| X | Total xylenes |
| MTBE | Methyl tert butyl ether |
| TOG | Total oil and grease |
| 1,1,1-TCA | 1,1,1-Trichloroethane |
| PCE | Tetrachloroethene |
| 1,2-DCA | 1,2-Dichloroethane |
| EDB | 1,2-Dibromoethane |
| DIPE | Di-isopropyl Ether |
| ETBE | tert-Butyl Ethyl Ether |
| TBA | t-Butyl Alcohol |
| TAME | tert-Amyl Methyl Ether |
| DO | Dissolved oxygen |
| ug/L | Micrograms per liter |
| ppm | Parts per million |
| ND | Not detected above reported detection limit |
| --- | Not measured/analyzed/applicable |
| PACE | Pace, Inc. |
| ATI | Analytical Technologies, Inc. |
| SPL | Southern Petroleum Laboratories |

NOTES:

- (a) Top of casing elevations surveyed relative to an established benchmark with an elevation of 39.95 feet above mean sea level.
- (b) Groundwater elevations in feet above mean sea level.
- (c) Blind duplicate.
- (d) A copy of the documentation for this data is included in Appendix C of Alisto report 10-060-07-001.
- (e) MTBE peak present. See documentation in Appendix C of Alisto report 10-060-07-001.
- (f) Well inaccessible.
- (g) Travel blank.
- (h) MTBE by 8020/8260.
- (i) Gasoline does not include MTBE.
- (j) A copy of the documentation for this data is included in Blaine Tech Services report 010517-C-4. The MTBE data for the October 22 and 23, 1992 and November 4, 1992 sampling events have been destroyed.

Table 1 - Summary of Results of Groundwater Sampling

ADDITIONAL ANALYSES

| WELL ID | DATE OF SAMPLING/ MONITORING | 1,2-DCA by 8010 (ug/L) | EDB by 8010 (ug/L) | 1,2-DCA by 8260 (ug/L) | EDB by 8260 (ug/L) | MTBE by 8260 (ug/L) | DIPE by 8260 (ug/L) | ETBE by 8260 (ug/L) | TBA by 8260 (ug/L) | TAME by 8260 (ug/L) | LAB |
|---------|---------------------------------|------------------------------|--------------------------|------------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|---------------------------|------|
| MW-4 | 07/20/99 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 590 | ND<10 | ND<5.0 | ND<500 | ND<5.0 | SPL |
| MW-4 | 12/30/99 | --- | --- | ND<5.0 | ND<5.0 | 280 | ND<5.0 | ND<5.0 | --- | ND<5.0 | PACE |
| MW-4 | 02/29/00 | --- | --- | ND<20 | ND<20 | 870 | ND<20 | ND<20 | --- | ND<20 | PACE |
| MW-4 | 04/14/00 | --- | --- | ND<10 | ND<10 | 730 | ND<10 | ND<10 | --- | ND<10 | PACE |
| MW-4 | 07/24/00 | --- | --- | ND<1.0 | ND<1.0 | 390 | ND<5.0 | ND<5.0 | ND<50 | ND<5.0 | PACE |
| MW-4 | 10/30/00 | --- | --- | ND<5.0 | ND<5.0 | 160 | ND<5.0 | ND<5.0 | ND<50 | ND<5.0 | PACE |
| MW-4 | 01/11/01 | --- | --- | ND<1.0 | ND<1.0 | 170 | ND<1.0 | ND<1.0 | ND<10 | ND<1.0 | PACE |
| MW-4 | 05/17/01 | --- | --- | ND<1.0 | ND<1.0 | 91 | ND<1.0 | ND<1.0 | ND<10 | ND<1.0 | PACE |
| MW-4 | 07/02/01 | --- | --- | ND<1.0 | ND<1.0 | 66 | ND<1.0 | ND<1.0 | ND<10 | ND<1.0 | PACE |
| MW-5 | 07/20/99 | --- | --- | --- | --- | 490 | ND<10 | ND<10 | ND<500 | ND<10 | SPL |
| MW-5 | 12/30/99 | --- | --- | --- | --- | 470 | ND<10 | ND<10 | --- | ND<10 | PACE |
| MW-5 | 02/29/00 | --- | --- | ND<5.0 | ND<5.0 | 190 | ND<5.0 | ND<5.0 | --- | ND<5.0 | PACE |
| MW-5 | 04/14/00 | --- | --- | --- | --- | 200 | ND<5.0 | ND<5.0 | --- | ND<5.0 | PACE |
| MW-5 | 07/24/00 | --- | --- | --- | --- | 630 | ND<5.0 | ND<5.0 | ND<50 | ND<5.0 | PACE |
| MW-5 | 10/30/00 | --- | --- | --- | --- | 260 | ND<10 | ND<10 | ND<100 | ND<10 | PACE |
| MW-5 | 01/11/01 | --- | --- | ND<1.0 | ND<1.0 | 540 | ND<1.0 | ND<1.0 | 110 | ND<1.0 | PACE |
| MW-5 | 05/17/01 | --- | --- | --- | --- | 320 | ND<1.0 | ND<1.0 | 31 | ND<1.0 | PACE |
| MW-5 | 07/02/01 | --- | --- | --- | --- | 290 | ND<1.0 | ND<1.0 | ND<10 | ND<1.0 | PACE |
| MW-6 | 07/20/99 | --- | --- | --- | --- | 1400 | ND<10 | ND<10 | ND<500 | ND<10 | SPL |
| MW-6 | 12/30/99 | --- | --- | --- | --- | 300 | ND<5.0 | ND<5.0 | --- | ND<5.0 | PACE |
| MW-6 | 02/29/00 | --- | --- | ND<5.0 | ND<5.0 | 240 | ND<5.0 | ND<5.0 | --- | ND<5.0 | PACE |
| MW-6 | 04/14/00 | --- | --- | --- | --- | 200 | ND<5.0 | ND<5.0 | --- | ND<5.0 | PACE |
| MW-6 | 07/24/00 | --- | --- | --- | --- | 600 | ND<5.0 | ND<5.0 | 62 | ND<5.0 | PACE |
| MW-6 | 10/30/00 | --- | --- | --- | --- | 260 | ND<10 | ND<10 | ND<100 | ND<10 | PACE |
| MW-6 | 01/11/01 | --- | --- | --- | --- | 2.4 | ND<1.0 | ND<1.0 | ND<10 | ND<1.0 | PACE |
| MW-6 | 05/17/01 | --- | --- | --- | --- | 130 | ND<1.0 | ND<1.0 | ND<10 | ND<1.0 | PACE |
| MW-6 | 07/02/01 | --- | --- | --- | --- | 80 | ND<1.0 | ND<1.0 | ND<10 | ND<1.0 | PACE |

Table 1 - Summary of Results of Groundwater Sampling

| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION (a) (Feet) | DEPTH TO WATER (Feet) | GROUNDWATER ELEVATION (Feet) | TPH-G (b) (ug/L) | TPH-D (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) | TOG (ug/L) | 1,1,1-TCA (ug/L) | PCE (ug/L) | DO (ppm) | LAB |
|---------|------------------------------|-----------------------------|-----------------------|------------------------------|------------------|--------------|----------|----------|----------|----------|-------------|------------|------------------|------------|----------|------|
| MW-7 | 3/1/1995 | 39.50 | 16.21 | 23.29 | 1400 | -- | 14 | ND<1.0 | 14 | 27 | -- | -- | -- | -- | 1.8 | ATI |
| MW-7 | 6/6/1995 | 39.50 | 16.34 | 23.16 | 540 | -- | (e) 5.5 | ND<0.50 | 15 | 1.1 | -- | -- | -- | -- | -- | ATI |
| MW-7 | 9/1/1995 | 39.50 | 16.74 | 22.76 | 190 | -- | 2.8 | ND<0.50 | 5.0 | ND<1.0 | 10 | -- | -- | -- | 7.5 | ATI |
| MW-7 | 11/29/1995 | 39.50 | 17.33 | 22.17 | 230 | -- | 31 | ND<0.50 | 3.8 | 1.9 | ND<5.0 | -- | -- | -- | 4.6 | ATI |
| MW-7 | 3/23/1996 | 39.50 | 15.86 | 23.64 | ND<50 | -- | 5.0 | ND<1 | ND<1 | ND<1 | 330 | -- | -- | -- | 7.2 | SPL |
| QC-1 | (c) 3/23/1996 | -- | -- | -- | 60 | -- | 7.6 | ND<1 | ND<1 | ND<1 | 360 | -- | -- | -- | -- | SPL |
| MW-7 | 9/5/1996 | 39.50 | 16.80 | 22.70 | 200 | -- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 430 | -- | -- | -- | 3.1 | SPL |
| MW-7 | 3/11/1997 | 39.50 | 18.32 | 21.18 | 120 | -- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 140 | -- | -- | -- | 4.7 | SPL |
| MW-7 | 12/8/1997 | 39.50 | 16.02 | 23.48 | 240 | -- | 0.8 | ND<1.0 | ND<1.0 | ND<1.0 | 200 | -- | -- | -- | 5.2 | SPL |
| MW-7 | 7/8/1998 | 39.50 | 16.32 | 23.18 | 270 | -- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 170 | -- | -- | -- | 4.8 | SPL |
| MW-7 | 12/7/1998 | 39.50 | 16.43 | 23.07 | 100 | -- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 120 | -- | -- | -- | -- | SPL |
| MW-7 | 1/19/1999 | 39.50 | 16.41 | 23.09 | 80 | -- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 80 | -- | -- | -- | -- | SPL |
| MW-7 | 4/23/1999 | 39.50 | 16.21 | 23.29 | ND<50 | -- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 20 | -- | -- | -- | -- | SPL |
| MW-7 | 7/20/1999 | 39.50 | 16.54 | 22.96 | ND<50 | -- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 24 | -- | -- | -- | -- | SPL |
| MW-7 | 12/30/1999 | 39.50 | 16.65 | 22.85 | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 12 | -- | -- | -- | -- | PACE |
| MW-7 | 2/29/2000 | 39.50 | 15.71 | 23.79 | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 7.0 | -- | -- | -- | -- | PACE |
| MW-7 | 4/14/2000 | 39.50 | 16.25 | 23.25 | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 4.0 | -- | -- | -- | -- | PACE |
| MW-7 | 7/24/2000 | 39.50 | 16.63 | 22.87 | ND<50 | -- | 1.1 | 0.5 | ND<0.5 | ND<0.5 | 3.1 | -- | -- | -- | -- | PACE |
| MW-7 | 10/30/2000 | 39.50 | 16.35 | 23.15 | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | 1.1 | ND<0.5 | -- | -- | -- | -- | PACE |
| MW-7 | 1/11/2001 | 39.50 | 16.52 | 22.98 | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | -- | -- | -- | -- | PACE |
| MW-7 | 5/17/2001 | 39.50 | 16.58 | 22.92 | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | ND<0.5 | -- | -- | -- | -- | PACE |
| MW-7 | 7/2/2001 | 39.50 | 16.75 | 22.75 | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 0.581 | -- | -- | -- | -- | PACE |
| MW-7 | 11/2/2001 | 39.50 | 16.89 | 22.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | PACE |
| QC-2 | (g) 11/4/1992 | -- | -- | -- | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | -- | (i) | -- | -- | -- | PACE |
| QC-2 | (g) 11/4/1992 | -- | -- | -- | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | -- | (i) | -- | -- | -- | PACE |
| QC-2 | (g) 2/24/1994 | -- | -- | -- | -- | -- | -- | -- | -- | -- | ND<5.0 | (j) | -- | -- | -- | PACE |
| QC-2 | (g) 3/1/1995 | -- | -- | -- | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.0 | -- | -- | -- | -- | -- | PACE |
| QC-2 | (g) 5/12/1994 | -- | -- | -- | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) | -- | -- | -- | PACE |
| QC-2 | (g) 9/9/1994 | -- | -- | -- | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) | -- | -- | -- | PACE |
| QC-2 | (g) 11/3/1994 | -- | -- | -- | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) | -- | -- | -- | PACE |
| QC-2 | (g) 6/6/1995 | -- | -- | -- | ND<50 | -- | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | -- | -- | -- | -- | ATI |
| QC-2 | (g) 9/1/1995 | -- | -- | -- | ND<50 | -- | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | ND<5.0 | -- | -- | -- | -- | ATI |
| QC-2 | (g) 11/29/1995 | -- | -- | -- | ND<50 | -- | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | ND<5.0 | -- | -- | -- | -- | ATI |
| QC-2 | (g) 3/23/1996 | -- | -- | -- | ND<50 | -- | ND<0.5 | ND<1 | ND<1 | ND<1 | ND<10 | -- | -- | -- | -- | SPL |

Table 1 - Summary of Results of Groundwater Sampling

| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION (a) (Feet) | DEPTH TO GROUNDWATER WATER (Feet) | ELEVATION (Feet) | TPH-G (b) (ug/L) | TPH-D (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) | TOG (ug/L) | 1,1,1-TCA (ug/L) | PCE (ug/L) | DO (ppm) | LAB |
|---------|------------------------------|-----------------------------|-----------------------------------|------------------|------------------|--------------|----------|----------|----------|----------|-------------|------------|------------------|------------|----------|------|
| MW-6 | 03/01/95 | 38.46 | 15.66 | 22.80 | 270 | --- | 11 | ND<0.50 | ND<0.50 | ND<1.0 | --- | --- | --- | --- | 1.6 | ATI |
| MW-6 | 06/06/95 | 38.46 | 15.82 | 22.64 | 220 | --- | (e) 2.3 | ND<0.50 | ND<0.50 | ND<1.0 | --- | --- | --- | --- | --- | ATI |
| MW-6 | 09/01/95 | 38.46 | 16.25 | 22.21 | 780 | --- | ND<2.5 | ND<2.5 | ND<2.5 | ND<5.0 | 2800 | --- | --- | --- | 7.5 | ATI |
| MW-6 | 11/29/95 | 38.46 | 16.80 | 21.66 | ND<50 | --- | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | 1100 | --- | --- | --- | 3.9 | ATI |
| MW-6 | 03/23/96 | 38.46 | 15.27 | 23.19 | 50 | --- | ND<0.5 | ND<1 | ND<1 | ND<1 | 910 | --- | --- | --- | 8.0 | SPL |
| MW-6 | 09/05/96 | 38.46 | 16.30 | 22.16 | 4400 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 7400 | --- | --- | --- | 3.0 | SPL |
| MW-6 | 03/11/97 | 38.46 | 15.75 | 22.71 | 1100 | --- | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 2000 | --- | --- | --- | 3.1 | SPL |
| MW-6 | 12/08/97 | 38.46 | 15.51 | 22.95 | 150 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 140 | --- | --- | --- | 3.4 | SPL |
| MW-6 | 07/08/98 | 38.46 | 15.78 | 22.68 | 370 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 250 | --- | --- | --- | 3.6 | SPL |
| MW-6 | 12/07/98 | 38.46 | 15.95 | 22.51 | 440 | --- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 630/820 | (h) | --- | --- | --- | --- |
| MW-6 | 01/19/99 | 38.46 | 15.97 | 22.49 | 950 | --- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 950/810 | (h) | --- | --- | --- | --- |
| MW-6 | 04/23/99 | 38.46 | 15.74 | 22.72 | ND<50 | --- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 310/220 | (h) | --- | --- | --- | --- |
| MW-6 | 07/20/99 | 38.46 | 16.12 | 22.34 | ND<50 | --- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 1300 | --- | --- | --- | --- | --- |
| MW-6 | 12/30/99 | 38.46 | 16.16 | 22.30 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 360 | --- | --- | --- | --- | PACE |
| MW-6 | 02/29/00 | 38.46 | 15.08 | 23.38 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 340 | --- | --- | --- | --- | PACE |
| MW-6 | 04/14/00 | 38.46 | 15.82 | 22.64 | 90 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 220 | --- | --- | --- | --- | PACE |
| MW-6 | 07/24/00 | 38.46 | 16.03 | 22.43 | 240 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 540 | --- | --- | --- | --- | PACE |
| MW-6 | 10/30/00 | 38.46 | 15.83 | 22.63 | 120 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 380 | --- | --- | --- | --- | PACE |
| MW-6 | 01/11/01 | 38.46 | 16.00 | 22.46 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 2.69 | --- | --- | --- | --- | PACE |
| MW-6 | 05/17/01 | 38.46 | 16.05 | 22.41 | 140 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 169 | --- | --- | --- | --- | PACE |
| MW-6 | 07/02/01 | 38.46 | 16.27 | 22.19 | 70 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 91.4 | --- | --- | --- | --- | PACE |
| MW-6 | 11/02/01 | 38.46 | 16.31 | 22.15 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 32.3 | --- | --- | --- | --- | PACE |

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| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION (a) (Feet) | DEPTH TO WATER (Feet) | GROUNDWATER ELEVATION (Feet) | TPH-G (b) (ug/L) | TPH-D (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) | TOG (ug/L) | 1,1,1-TCA (ug/L) | PCE (ug/L) | DO (ppm) | LAB |
|---------|------------------------------|-----------------------------|-----------------------|------------------------------|------------------|--------------|----------|----------|----------|----------|-------------|------------|------------------|------------|----------|------|
| MW-5 | 06/06/95 | 39.07 | 16.16 | 22.91 | 1100 | --- | (e) 42 | ND<2.5 | 15 | 4.0 | --- | --- | --- | --- | --- | ATI |
| MW-5 | 09/01/95 | 39.07 | 16.63 | 22.44 | 1600 | --- | 55 | ND<2.5 | 15 | 8.0 | 1200 | --- | --- | --- | 7.4 | ATI |
| QC-1 | (c) 09/01/95 | --- | --- | --- | 1200 | --- | 64 | ND<2.5 | 14 | 3.1 | --- | --- | --- | --- | --- | ATI |
| MW-5 | 11/29/95 | 39.07 | 17.19 | 21.88 | 2300 | --- | 140 | 4.0 | 36 | 11 | 1500 | --- | --- | --- | 4.1 | ATI |
| MW-5 | 03/23/96 | 39.07 | 15.54 | 23.53 | 90 | --- | 2.8 | ND<1 | ND<1 | ND<1 | 1500 | --- | --- | --- | 7.5 | SPL |
| MW-5 | 09/05/96 | 39.07 | 16.72 | 22.35 | 2300 | --- | 5.1 | ND<1.0 | ND<1.0 | ND<1.0 | 3300 | --- | --- | --- | 3.2 | SPL |
| QC-1 | (c) 09/05/96 | --- | --- | --- | 2000 | --- | 4.9 | ND<1.0 | ND<1.0 | ND<1.0 | 2900 | --- | --- | --- | --- | SPL |
| MW-5 | 03/11/97 | 39.07 | 16.12 | 22.95 | 470 | --- | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 580 | --- | --- | --- | 3.0 | SPL |
| QC-1 | (c) 03/11/97 | --- | --- | --- | 460 | --- | ND<5.0 | ND<5.0 | ND<5.0 | ND<5.0 | 540 | --- | --- | --- | --- | SPL |
| MW-5 | 12/08/97 | 39.07 | 15.85 | 23.22 | 370 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 840 | --- | --- | --- | 3.0 | SPL |
| MW-5 | 07/08/98 | 39.07 | 16.11 | 22.96 | 430 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 330 | --- | --- | --- | 2.5 | SPL |
| MW-5 | 12/07/98 | 39.07 | 16.27 | 22.80 | 220 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 290/410 (h) | --- | --- | --- | --- | SPL |
| MW-5 | 01/19/99 | 39.07 | 16.31 | 22.76 | 490 | --- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 490/440 (h) | --- | --- | --- | --- | SPL |
| MW-5 | 04/23/99 | 39.07 | 16.00 | 23.07 | ND<50 | --- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 310/210 (h) | --- | --- | --- | --- | SPL |
| MW-5 | 07/20/99 | 39.07 | 16.36 | 22.71 | ND<50 | --- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 470 | --- | --- | --- | --- | SPL |
| MW-5 | 12/30/99 | 39.07 | 16.53 | 22.54 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 550 | --- | --- | --- | --- | PACE |
| MW-5 | 02/29/00 | 39.07 | 15.45 | 23.62 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 280 | --- | --- | --- | --- | PACE |
| MW-5 | 04/14/00 | 39.07 | 16.10 | 22.97 | 81 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 240 | --- | --- | --- | --- | PACE |
| MW-5 | 07/24/00 | 39.07 | 16.50 | 22.57 | 250 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 570 | --- | --- | --- | --- | PACE |
| MW-5 | 10/30/00 | 39.07 | 16.23 | 22.84 | 140 | --- | ND<0.5 | 0.7 | ND<0.5 | 1.1 | 360 | --- | --- | --- | --- | PACE |
| MW-5 | 01/11/01 | 39.07 | 16.41 | 22.66 | 420 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 585 | --- | --- | --- | --- | PACE |
| MW-5 | 05/17/01 | 39.07 | 16.45 | 22.62 | 360 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 419 | --- | --- | --- | --- | PACE |
| MW-5 | 07/02/01 | 39.07 | 16.65 | 22.42 | 210 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 264 | --- | --- | --- | --- | PACE |
| MW-5 | 11/02/01 | 39.07 | 16.73 | 22.34 | 130 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 134 | --- | --- | --- | --- | PACE |

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| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION (a) (Feet) | DEPTH TO WATER (Feet) | GROUNDWATER ELEVATION (Feet) | TPH-G (b) (ug/L) | TPH-D (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) | TOG (ug/L) | 1,1,1-TCA (ug/L) | PCE (ug/L) | DO (ppm) | LAB |
|---------|------------------------------|-----------------------------|-----------------------|------------------------------|------------------|--------------|----------|----------|----------|----------|-------------|------------|------------------|------------|----------|------|
| MW-4 | 11/04/92 | 39.24 | 19.18 | 20.06 | 900 | --- | 150 | 4.1 | 0.8 | 53 | --- | (j) | --- | --- | --- | PACE |
| MW-4 | 02/24/94 | 39.24 | 19.22 | 20.02 | 240 | --- | 110 | 3.8 | 1.8 | 11 | 1433 | (d)(j) | --- | --- | --- | PACE |
| QC-1 | (c) 02/24/94 | --- | --- | --- | 310 | --- | 95 | 5.3 | 2.2 | 17 | 1479 | (d)(j) | --- | --- | --- | PACE |
| MW-4 | 05/12/94 | 39.24 | 16.62 | 22.62 | ND<50 | --- | 2.2 | 1.0 | ND<0.5 | ND<0.5 | 862 | (d)(j) | --- | --- | 7.3 | PACE |
| QC-1 | (c) 05/12/94 | --- | --- | --- | 430 | --- | 2.6 | 1.3 | ND<0.5 | ND<0.5 | 912 | (d)(j) | --- | --- | --- | PACE |
| MW-4 | 09/09/94 | 39.24 | 20.27 | 18.97 | 240 | --- | 9.1 | 1.3 | 0.6 | 2.5 | 397 | (j) | --- | --- | 2.2 | PACE |
| QC-1 | (c) 09/09/94 | --- | --- | --- | 57 | --- | 1.7 | ND<0.5 | ND<0.5 | 0.5 | 83 | (j) | --- | --- | --- | PACE |
| MW-4 | 11/03/94 | 39.24 | 18.46 | 20.78 | 250 | --- | 3.1 | 2.8 | 1.0 | 3.3 | 319 | (j) | --- | --- | 3.2 | PACE |
| QC-1 | (c) 11/03/94 | --- | --- | --- | 110 | --- | 2.4 | ND<0.5 | ND<0.5 | ND<0.5 | 642 | (j) | --- | --- | --- | PACE |
| MW-4 | 03/01/95 | 39.24 | 16.15 | 23.09 | 8900 | --- | 1800 | 26 | 450 | 400 | --- | --- | --- | --- | 2.0 | ATI |
| QC-1 | (c) 03/01/95 | --- | --- | --- | 7600 | --- | 1700 | 25 | 410 | 370 | --- | --- | --- | --- | --- | ATI |
| MW-4 | 06/06/95 | 39.24 | 16.28 | 22.96 | 3100 | --- | (e) 530 | 25 | 170 | 85 | --- | --- | --- | --- | --- | ATI |
| QC-1 | (c) 06/06/95 | --- | --- | --- | 3000 | --- | 530 | 27 | 170 | 92 | --- | --- | --- | --- | --- | ATI |
| MW-4 | (f) 09/01/95 | 39.24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-4 | 11/29/95 | 39.24 | 17.31 | 21.93 | ND<50 | --- | 1.8 | ND<0.50 | ND<0.50 | ND<1.0 | 440 | --- | --- | --- | 3.2 | ATI |
| QC-1 | (c) 11/29/95 | --- | --- | --- | ND<50 | --- | 1.5 | ND<0.50 | ND<0.50 | ND<1.0 | 490 | --- | --- | --- | --- | ATI |
| MW-4 | 03/23/96 | 39.24 | 15.74 | 23.50 | 2700 | --- | 480 | ND<25 | 180 | 176 | 13000 | --- | --- | --- | 7.8 | SPL |
| MW-4 | 09/05/96 | 39.24 | 16.75 | 22.49 | 1100 | --- | ND<12 | ND<25 | ND<25 | ND<25 | 3200 | --- | --- | --- | 4.0 | SPL |
| MW-4 | 03/11/97 | 39.24 | 16.10 | 23.14 | 2400 | --- | 46 | ND<10 | 66 | 106 | 3400 | --- | --- | --- | 4.0 | SPL |
| MW-4 | 12/08/97 | 39.24 | 15.96 | 23.28 | 590 | --- | 11 | ND<1.0 | ND<1.0 | ND<1.0 | 1200 | --- | --- | --- | 4.4 | SPL |
| QC-1 | (c) 12/08/97 | --- | --- | --- | 620 | --- | 11 | ND<1.0 | ND<1.0 | ND<1.0 | 1100 | --- | --- | --- | --- | SPL |
| MW-4 | 07/08/98 | 39.24 | 16.28 | 22.96 | 1700 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 1200 | --- | --- | --- | 3.9 | SPL |
| QC-1 | (c) 07/08/98 | --- | --- | --- | 1600 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | 1100 | --- | --- | --- | --- | SPL |
| MW-4 | 12/07/98 | 39.24 | 16.47 | 22.77 | 530 | --- | ND<2.5 | ND<5.0 | ND<5.0 | ND<5.0 | 680/910 | (h) | --- | --- | --- | SPL |
| MW-4 | 01/19/99 | 39.24 | 16.40 | 22.84 | 570 | --- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 660 | --- | --- | --- | --- | SPL |
| MW-4 | 04/23/99 | 39.24 | 16.17 | 23.07 | ND<50 | --- | ND<1.0 | ND<1.0 | 1.8 | 1.3 | 1100/810 | (h) | --- | --- | --- | SPL |
| MW-4 | 07/20/99 | 39.24 | 16.39 | 22.85 | ND<50 | --- | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 480 | --- | --- | --- | --- | SPL |
| MW-4 | 12/30/99 | 39.24 | 16.56 | 22.68 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 410 | --- | --- | --- | --- | PACE |
| MW-4 | 02/29/00 | 39.24 | 15.69 | 23.55 | 78 (i) | --- | 2.0 | ND<0.5 | 0.77 | 2.8 | 1200 | --- | --- | --- | --- | PACE |
| MW-4 | 04/14/00 | 39.24 | 16.21 | 23.03 | 300 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 800 | --- | --- | --- | --- | PACE |
| MW-4 | 07/24/00 | 39.24 | 16.50 | 22.74 | 130 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 270 | --- | --- | --- | --- | PACE |
| MW-4 | 10/30/00 | 39.24 | 16.35 | 22.89 | 73 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 210 | --- | --- | --- | --- | PACE |
| MW-4 | 01/11/01 | 39.24 | 16.46 | 22.78 | 120 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 176 | --- | --- | --- | --- | PACE |
| MW-4 | 05/17/01 | 39.24 | 16.40 | 22.84 | 99 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 119 | --- | --- | --- | --- | PACE |
| MW-4 | 07/02/01 | 39.24 | 16.75 | 22.49 | 63 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 87.6 | --- | --- | --- | --- | PACE |
| MW-4 | 11/02/01 | 39.24 | 16.80 | 22.44 | 56 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<1.5 | 49.6 | --- | --- | --- | --- | PACE |

Table 1 - Summary of Results of Groundwater Sampling

| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION (a) (Feet) | DEPTH TO WATER (Feet) | GROUNDWATER ELEVATION (Feet) | TPH-G (b) (ug/L) | TPH-D (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) | TOG (ug/L) | 1,1,1-TCA (ug/L) | PCE (ug/L) | DO (ppm) | LAB |
|---------|------------------------------|-----------------------------|-----------------------|------------------------------|------------------|--------------|----------|----------|----------|----------|-------------|------------|------------------|------------|----------|------|
| MW-3 | 11/04/92 | 40.45 | 20.23 | 20.22 | 760 | --- | 3.7 | 15 | 1.9 | 57 | --- | (i) | --- | --- | --- | PACE |
| MW-3 | 02/24/94 | 40.45 | 20.24 | 20.21 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 30.66 | (i) | --- | --- | --- | PACE |
| MW-3 | 05/12/94 | 40.45 | 17.61 | 22.84 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 7.11 | (i) | --- | --- | 7.3 | PACE |
| MW-3 | 09/09/94 | 40.45 | 21.22 | 19.23 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (i) | --- | --- | 2 | PACE |
| MW-3 | 11/03/94 | 40.45 | 19.48 | 20.97 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | 10.98 | (i) | --- | --- | 3.6 | PACE |
| MW-3 | 03/01/95 | 40.45 | 17.08 | 23.37 | ND<50 | --- | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | --- | --- | --- | --- | 1.9 | ATI |
| MW-3 | 06/06/95 | 40.45 | 17.21 | 23.24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 09/01/95 | 40.45 | 17.69 | 22.76 | 200 | --- | 2.7 | 33 | 7.2 | 43 | ND<5.0 | --- | --- | --- | 7.8 | ATI |
| MW-3 | 09/01/95 | 40.45 | 18.29 | 22.16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 03/23/96 | 40.45 | 16.59 | 23.86 | ND<50 | --- | ND<0.5 | ND<1 | ND<1 | ND<1 | ND<10 | --- | --- | --- | 7.3 | SPL |
| MW-3 | 09/05/96 | 40.45 | 17.71 | 22.74 | ND<50 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | --- | --- | --- | 3.2 | SPL |
| MW-3 | 03/11/97 | 40.45 | 17.17 | 23.28 | ND<50 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | --- | --- | --- | 1.5 | SPL |
| MW-3 | 12/08/97 | 40.45 | 16.12 | 24.33 | ND<50 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | --- | --- | --- | 1.9 | SPL |
| MW-3 | 07/08/98 | 40.45 | 16.40 | 24.05 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 12/07/98 | 40.45 | 17.32 | 23.13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 01/19/99 | 40.45 | 17.30 | 23.15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 04/23/99 | 40.45 | 17.07 | 23.38 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 07/20/99 | 40.45 | 17.47 | 22.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 12/30/99 | 40.45 | 17.60 | 22.85 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 02/29/00 | 40.45 | 16.43 | 24.02 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 04/14/00 | 40.45 | 17.09 | 23.36 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 07/24/00 | 40.45 | 17.44 | 23.01 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 10/30/00 | 40.45 | 17.29 | 23.16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 01/11/01 | 40.45 | 17.49 | 22.96 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 05/17/01 | 40.45 | 17.45 | 23.00 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 07/02/01 | 40.45 | 17.70 | 22.75 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-3 | 11/02/01 | 40.45 | 17.82 | 22.63 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Table 1 - Summary of Results of Groundwater Sampling

| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION (a) (Feet) | DEPTH TO GROUNDWATER WATER (Feet) | GROUNDWATER ELEVATION (Feet) | TPH-G (b) (ug/L) | TPH-D (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) | TOG (ug/L) | 1,1,1-TCA (ug/L) | PCE (ug/L) | DO (ppm) | LAB | |
|---------|------------------------------|-----------------------------|-----------------------------------|------------------------------|------------------|--------------|----------|----------|----------|----------|-------------|------------|------------------|------------|----------|-----|------|
| MW-2 | 11/04/92 | 40.56 | 20.16 | 20.40 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | --- | (j) | --- | --- | --- | --- | PACE |
| MW-2 | 02/24/94 | 40.56 | 20.12 | 20.44 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) | --- | --- | --- | --- | PACE |
| MW-2 | 05/12/94 | 40.56 | 17.49 | 23.07 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) | --- | --- | --- | 7.4 | PACE |
| MW-2 | 09/09/94 | 40.56 | 21.12 | 19.44 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) | --- | --- | --- | 2.1 | PACE |
| MW-2 | 11/03/94 | 40.56 | 19.36 | 21.20 | ND<50 | --- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) | --- | --- | --- | 4.2 | PACE |
| MW-2 | 03/01/95 | 40.56 | 16.83 | 23.73 | ND<50 | --- | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | --- | --- | --- | --- | --- | 2.2 | ATI |
| MW-2 | 06/06/95 | 40.56 | 16.96 | 23.60 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 09/01/95 | 40.56 | 17.54 | 23.02 | ND<50 | --- | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | ND<5.0 | --- | --- | --- | --- | 7.9 | ATI |
| MW-2 | 11/29/95 | 40.56 | 18.19 | 22.37 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 03/23/96 | 40.56 | 16.35 | 24.21 | ND<50 | --- | ND<0.5 | ND<1 | ND<1 | ND<1 | ND<10 | --- | --- | --- | --- | 8.5 | SPL |
| MW-2 | 09/05/96 | 40.56 | 17.55 | 23.01 | ND<50 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | --- | --- | --- | --- | 3.2 | SPL |
| MW-2 | 03/11/97 | 40.56 | 16.95 | 23.61 | ND<50 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | --- | --- | --- | --- | 2.9 | SPL |
| MW-2 | 12/08/97 | 40.56 | 16.01 | 24.55 | ND<50 | --- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | --- | --- | --- | --- | 3.0 | SPL |
| MW-2 | 07/08/98 | 40.56 | 16.41 | 24.15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 12/07/98 | 40.56 | 17.15 | 23.41 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 01/19/99 | 40.56 | 17.15 | 23.41 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 04/23/99 | 40.56 | 16.89 | 23.67 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 07/20/99 | 40.56 | 17.25 | 23.31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 12/30/99 | 40.56 | 17.44 | 23.12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 02/29/00 | 40.56 | 16.13 | 24.43 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 04/14/00 | 40.56 | 16.88 | 23.68 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 07/24/00 | 40.56 | 17.11 | 23.45 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 10/30/00 | 40.56 | 17.12 | 23.44 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 01/11/01 | 40.56 | 17.28 | 23.28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 05/17/01 | 40.56 | 17.20 | 23.36 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 07/02/01 | 40.56 | 17.45 | 23.11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-2 | 11/02/01 | 40.56 | 17.62 | 22.94 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Table 1 - Summary of Results of Groundwater Sampling

| WELL ID | DATE OF SAMPLING/ MONITORING | CASING ELEVATION (a) (Feet) | DEPTH TO WATER (Feet) | GROUNDWATER ELEVATION (Feet) | TPH-G (b) (ug/L) | TPH-D (ug/L) | B (ug/L) | T (ug/L) | E (ug/L) | X (ug/L) | MTBE (ug/L) | TOG (ug/L) | 1,1,1-TCA (ug/L) | PCE (ug/L) | DO (ppm) | LAB |
|---------|------------------------------|-----------------------------|-----------------------|------------------------------|------------------|--------------|----------|----------|----------|----------|-------------|-------------|------------------|------------|----------|------|
| MW-1 | 11/04/92 | 41.07 | 20.78 | 20.29 | ND<50 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | -- | (j) ND<5000 | 2.8 | ND | -- | PACE |
| QC-1 | (c) 11/04/92 | -- | -- | -- | ND<50 | -- | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | -- | (j) -- | -- | -- | -- | PACE |
| MW-1 | 02/24/94 | 41.07 | 20.70 | 20.37 | ND<50 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) ND<5000 | 1.5 | 0.9 | -- | PACE |
| MW-1 | 05/12/94 | 41.07 | 18.12 | 22.95 | ND<50 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) ND<5000 | 1.0 | ND<0.5 | 7 | PACE |
| MW-1 | 09/09/94 | 41.07 | 21.74 | 19.33 | ND<50 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) ND<5000 | ND<0.5 | ND<0.5 | 2.3 | PACE |
| MW-1 | 11/03/94 | 41.07 | 20.01 | 21.06 | ND<50 | 50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | ND<5.0 | (j) ND<5000 | ND<0.5 | ND<0.5 | 4.3 | PACE |
| MW-1 | 03/01/95 | 41.07 | 17.44 | 23.63 | ND<50 | ND<500 | ND<50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 420 | 0.54 | 0.3 | 2.3 | ATI |
| MW-1 | 06/06/95 | 41.07 | 17.55 | 23.52 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 09/01/95 | 41.07 | 18.19 | 22.88 | ND<50 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | ND<5.0 | 60 | -- | -- | 8.8 | ATI |
| MW-1 | 11/29/95 | 41.07 | 18.84 | 22.23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 03/23/96 | 41.07 | 16.97 | 24.10 | ND<50 | -- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | -- | -- | -- | 9.6 | SPL |
| MW-1 | 09/05/96 | 41.07 | 17.74 | 23.33 | 110 | -- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | -- | -- | -- | 3.6 | SPL |
| MW-1 | 03/11/97 | 41.07 | 17.62 | 23.45 | ND<50 | -- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | -- | -- | -- | 5.2 | SPL |
| MW-1 | 12/08/97 | 41.07 | 16.30 | 24.77 | ND<50 | -- | ND<0.5 | ND<1.0 | ND<1.0 | ND<1.0 | ND<10 | -- | -- | -- | -- | -- |
| MW-1 | 07/08/98 | 41.07 | 16.66 | 24.41 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 12/07/98 | 41.07 | 17.80 | 23.27 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 01/19/99 | 41.07 | 17.18 | 23.89 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 04/23/99 | 41.07 | 17.40 | 23.67 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 07/20/99 | 41.07 | 17.76 | 23.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 02/29/00 | 41.07 | 17.17 | 23.90 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 04/14/00 | 41.07 | 17.22 | 23.85 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 07/24/00 | 41.07 | 17.61 | 23.46 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 10/30/00 | 41.07 | 17.76 | 23.31 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 01/11/01 | 41.07 | 17.88 | 23.19 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 05/17/01 | 41.07 | 17.82 | 23.25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 07/02/01 | 41.07 | 17.95 | 23.12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MW-1 | 11/02/01 | 41.07 | 18.25 | 22.82 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

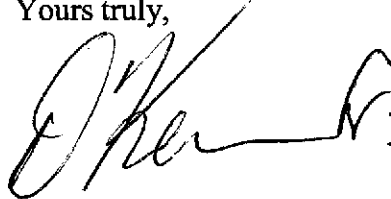
**Table of
Well Data and
Analytical Results**

At a minimum, Blaine Tech Services, Inc. field personnel are certified upon completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

A handwritten signature in black ink, appearing to read 'Francis Thie', written over a horizontal line.

Francis Thie
Vice President

FPT/mb

Cc: Khaled Rahman
Cambria Environmental
6262 Hollis Street
Emeryville, CA 94608

attachments: Cumulative Table of Well Data and Analytical Results
Analytical Appendix
Field Data Sheets

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November 20, 2001

Scott Hooton
BP Oil Company
295 SW 41st Street, Bldg. 13, Suite N
Renton, WA 98055-4931

4th Quarter 2001 Monitoring at 11107

Fourth Quarter 2001 Groundwater Monitoring
BP Service Station Number 11107
18501 Hesperian Boulevard
San Lorenzo, CA

Monitoring Performed on November 2, 2001

Groundwater Sampling Report 011102-Q-2

This report covers the routine monitoring of groundwater wells at this BP facility. Blaine Tech Services, Inc.'s work at the site includes inspection, gauging, evacuation, purgewater containment, sample collection and sample handling in accordance with standard procedures that conform to Regional Water Quality Control Board requirements.

Routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, the appropriate calculated purge volume, elapsed evacuation time, total volume of water removed, and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater is, likewise, collected and transported to Seaport Petroleum Corporation for disposal.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**.