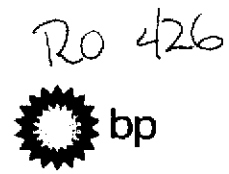




Atlantic Richfield Company  
(a BP affiliated company)

6 Centerpointe Drive, Room 172  
La Palma, CA 90623-1066  
Phone: (714) 670-5303  
Fax: (714) 670-5195



**Alameda County**  
**AUG 09 2005**  
**Environmental Health**

July 29, 2005

Re: Second Quarter 2005 Status Report  
Former BP Service Station #11109  
4280 Foothill Boulevard  
Oakland, California

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

Submitted by:

Kyle Christie  
Environmental Business Manager

RECEIVED  
AUG 10 2005



July 29, 2005

Ms. Donna Drogos  
Alameda County Health Care Services Agency,  
Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502

**Re: Second Quarter 2005 Status Report  
Former BP Service Station # 11109  
4280 Foothill Boulevard  
Oakland, California**

Dear Ms. Drogos:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Second Quarter 2005 Status Report* for the Former BP Service Station #11109, located at 4280 Foothill Boulevard, Oakland, California.

If you have any questions regarding this submission, please call me at (510) 874-1758.

Sincerely,

**URS CORPORATION**

Lynelle Onishi  
Project Manager

Enclosure: Second Quarter 2005 Status Report

cc: Mr. Kyle Christie, Atlantic Richfield Company (RM), (electronic copy uploaded to ENFOS)  
Ms. Shelby Lathrop, ConocoPhillips, (electronic copy uploaded to FTP server)  
Mr. Chris Jimmerson, Delta Environmental Consultants, (electronic copy uploaded to ENFOS)

Date: July 29, 2005  
Quarter: 2Q 05

### BP GEM QUARTERLY STATUS REPORT

Former Facility No.: 11109 Address: 4280 Foothill Boulevard, Oakland, CA  
RM Environmental Engineer: Kyle Christie  
Consulting Co./Contact Person: URS Corporation / Lynelle Onishi  
Consultant Project No.: 38486803  
Primary Agency: Alameda County Environmental Health

#### WORK PERFORMED THIS QUARTER (Second – 2005):

1. Prepared and submitted First Quarter 2005 Groundwater Monitoring Report.
2. Performed monthly free product gauging and bailing of well MW-5.

#### WORK PROPOSED FOR NEXT QUARTER (Third– 2005):

1. Prepare and submit Second Quarter 2005 Status Report.
2. Perform monthly free product gauging and bailing of well MW-5.
3. Perform third quarter 2005 groundwater monitoring event.

|                                      |  |
|--------------------------------------|--|
| Current Phase of Project:            | <u>GW monitoring/sampling</u>  |
| Frequency of Groundwater Sampling:   | <u>Wells MW-3, MW-6, MW-8 and MW-9 annual (March); Wells MW-2, MW-4, MW-5 and MW-7 semi-annually (September)</u> |
| Frequency of Groundwater Monitoring: | <u>Semi-annually (1<sup>st</sup> and 3<sup>rd</sup> Quarters)</u>  |
| Current Remediation Techniques:      | <u>Monthly Free Product (FP) bailing in MW-5</u>   |
| FP Removed This Period:              | <u>0.007 gallons</u>   |
| Cumulative FP Removed:               | <u>1,239 gallons (8/25/99 – present)</u>   |

#### DISCUSSION:

Monthly gauging and bailing of free product in well MW-5 was performed this quarter. A total of 0.007 gallons of free product were bailed from well MW-5 during the fourth quarter 2004 (Table 1). The most recent analytical data can be referenced in the First Quarter 2005 Groundwater Monitoring Report.

#### ATTACHMENTS:

- Table 1– Free Product Removal
- Attachment A– Field Procedures and Field Data Sheets

**Table 1**  
**Free Product Removal**

Former BP Service Station #11109  
4280 Foothill Boulevard,  
Oakland, CA

| WELL ID  | DATE OF MONITORING EVENT | DEPTH TO WATER (feet) | PRODUCT THICKNESS (feet) | PRODUCT REMOVED (gallons)       | CUMULATIVE PRODUCT REMOVED (gallons) |
|--|--------------------------|-----------------------|--------------------------|---------------------------------|--------------------------------------|
| MW-5   | 8/25/1999                | ---                   | ---                      | 0.070                           | 0.070                                |
| MW-5   | 3/9/2000                 | ---                   | ---                      | 0.400                           | 0.470                                |
| MW-5   | 7/14/2003                | 12.72                 | 0.03                     | 0.019                           | 0.489                                |
| MW-5   | 8/25/2003                | 14.04                 | 0.00                     | 0.000                           | 0.489                                |
| MW-5   | 9/25/2003                | 14.38                 | 0.08                     | 0.052                           | 0.542                                |
| MW-5   | 10/3/2003                | 12.15                 | 0.06                     | 0.040                           | 0.582                                |
| MW-5   | 11/12/2003               | 12.74                 | 0.19                     | 0.120                           | 0.702                                |
| MW-5   | 12/9/2003                | 11.44                 | 0.03                     | 0.040                           | 0.742                                |
| MW-5   | 2/2/2004                 | 6.47                  | 0.04                     | 0.030                           | 0.772                                |
| MW-5   | 2/9/2004                 | 10.61                 | 0.04                     | 0.030                           | 0.802                                |
| MW-5   | 3/9/2004                 | 7.91                  | ---                      | ---                             | 0.800                                |
| MW-5   | 4/13/2004                | 9.68                  | 0.28                     | 0.200                           | 0.820                                |
| MW-5   | 5/5/2004                 | 11.93                 | Sheen                    | ---                             | 0.820                                |
| MW-5   | 6/3/2004                 | 12.60                 | Sheen                    | ---                             | 0.820                                |
| MW-5   | 7/2/2004                 | 11.11                 | 0.10                     | 0.060                           | 0.880                                |
| MW-5   | 8/31/2004                | 12.80                 | 0.05                     | 0.132                           | 1.012                                |
| MW-5   | 9/17/2004                | 12.13                 | 0.15                     | ---                             | 1.012                                |
| MW-5   | 10/25/2004               | 10.66                 | 0.26                     | 0.170                           | 1.182                                |
| MW-5   | 11/8/2004                | 9.98                  | 0.02                     | 0.020                           | 1.202                                |
| MW-5   | 12/15/2004               | 8.76                  | 0.01                     | 0.010                           | 1.212                                |
| MW-5   | 1/13/2005                | 7.12                  | ---                      | ---                             | 1.212                                |
| MW-5   | 2/1/2005                 | 8.10                  | 0.01                     | 0.007                           | 1.219                                |
| MW-5   | 3/7/2005                 | 8.62                  | 0.02                     | 0.013                           | 1.232                                |
| MW-5   | 4/29/2005                | 9.39                  | --                       | --                              | 1.232                                |
| MW-5   | 5/12/2005                | 7.51                  | 0.01                     | 0.007                           | 1.239                                |
| MW-5   | 6/23/2005                | 7.70                  | --                       | --                              | 1.239                                |
|  |                          |                       |                          | <b>FP Removed this Quarter:</b> | <b>0.007</b>                         |
| <p>Source : The data within this table collected prior to July 2003 was provided to URS by RM and their previous consultants.<br/>URS has not verified the accuracy of this information.</p> |                          |                       |                          |                                 |                                      |

**ATTACHMENT A**  
**FIELD PROCEDURES AND FIELD DATA SHEETS**

## FIELD PROCEDURES

---

### Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon™ bailer or an oil-water interface probe. Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

## WELL GAUGING DATA

Project # 050429-095      Date 4/29/05      Client BP 1109

Site 4280 Foothill Oakland, CA

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC |
|---------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|
| MW-5    | 4               |              | No SPH detected                  |                                      |                                    | 9.39                 | -                          | TOC                      |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |

## ARCO / BP WELL MONITORING DATA SHEET

|                                 |                                       |
|---------------------------------|---------------------------------------|
| BTS #: <u>050427 DA5</u>        | Station # <u>BP11109</u>              |
| Sampler: <u>DA</u>              | Date: <u>4/29/05</u>                  |
| Well I.D.: <u>MW-5</u>          | Well Diameter: 2 3 <u>4</u> 6 8 _____ |
| Total Well Depth: <u>—</u>      | Depth to Water: <u>9.39</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 <sup>2</sup> * 0.163 |

|  |  |
|--|--|
| Purge Method: <u>Bailer</u><br>Disposable Bailer<br>Positive Air Displacement<br>Electric Submersible<br>Extraction Pump<br>Other: _____ | Sampling Method: <u>Bailer</u><br>Disposable Bailer<br>Extraction Port<br>Other: _____ |
|--|--|

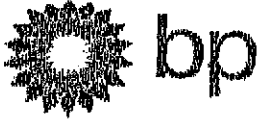
Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

|                       |   |                   |   |                   |
|-----------------------|---|-------------------|---|-------------------|
| _____                 | x | <u>Bail SP14</u>  | = | _____ Gals.       |
| 1 Case Volume (Gals.) |   | Specified Volumes |   | Calculated Volume |

| Time | Temp (°F) | pH | Conductivity (mS or µS) | Gals. Removed | Observations |
|------|-----------|----|-------------------------|---------------|--------------|
|      |           |    |                         |               |              |
|      |           |    | <u>No SP14 detected</u> |               |              |
|      |           |    |                         |               |              |
|      |           |    |                         |               |              |

|   |  |
|---|--|
| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Gallons actually evacuated: _____            |
| Sampling Time: _____  | Sampling Date: _____                         |
| Sample I.D.: _____  | Laboratory: Pace Sequoia Other _____         |
| Analyzed for: GRO BTEX MTBE DRO 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     |





WELLHEAD INSPECTION CHECKLIST  
BP / GEM

Date 4/29/05

Site Address 4280 Foothill Blvd. Oakland, CA

Job Number 050429 - DAS

Technician DA

| Well ID | Well Inspected -<br>No Corrective<br>Action Required | Water Bailed<br>From<br>Wellbox | Wellbox<br>Components<br>Cleaned | Cap<br>Replaced | Debris<br>Removed<br>From<br>Wellbox | Lock<br>Replaced | Other Action<br>Taken<br>(explain<br>below) | Well Not<br>Inspected<br>(explain<br>below) |
|---------|--|---------------------------------|----------------------------------|-----------------|--------------------------------------|------------------|---|---|
| MW-5    |  |                                 |                                  |                 |                                      |                  | P   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |
|         |  |                                 |                                  |                 |                                      |                  |   |   |

NOTES:

---



---



---



---



---

## WELL GAUGING DATA

Project # 050512-DW-3      Date 5-12-05      Client Arco 11109

Site 4280 Foothill Oakland

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC |
|---------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|
| MW-5    | 4               |              | 7.50                             | .01                                  | 25                                 | 7.51                 | -                          | TOC                      |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |

## ARCO / BP WELL MONITORING DATA SHEET

|                                    |   |
|------------------------------------|---|
| BTS #: <u>050512-DW-3</u>          | Station # <u>11109</u>                        |
| Sampler: <u>DW</u>                 | Date: <u>5-12-05</u>                          |
| Well I.D.: <u>MW-5</u>             | Well Diameter: 2 3 <u>4</u> 6 8 <u>    </u>   |
| Total Well Depth: <u>-</u>         | Depth to Water: <u>7.51</u>                   |
| Depth to Free Product: <u>7.50</u> | Thickness of Free Product (feet): <u>    </u> |
| 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 <sup>2</sup> * 0.163 |

|   |   |
|---|---|
| Purge Method: <input type="checkbox"/> Bailer<br><input checked="" type="checkbox"/> Disposable Bailer<br><input type="checkbox"/> Positive Air Displacement<br><input type="checkbox"/> Electric Submersible<br><input type="checkbox"/> Extraction Pump<br>Other: <u>    </u> | Sampling Method: <input checked="" type="checkbox"/> Bailer<br><input type="checkbox"/> Disposable Bailer<br><input type="checkbox"/> Extraction Port<br>Other: <u>    </u> |
|---|---|

Top of Screen:      If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

|                                      |   |                                       |   |                                  |       |
|--------------------------------------|---|---------------------------------------|---|----------------------------------|-------|
| <u>    </u><br>1 Case Volume (Gals.) | x | <u>check SPH</u><br>Specified Volumes | = | <u>    </u><br>Calculated Volume | Gals. |
|--------------------------------------|---|---------------------------------------|---|----------------------------------|-------|

| Time | Temp (°F) | pH | Conductivity (mS or μS) | Gals. Removed | Observations                        |
|------|-----------|----|-------------------------|---------------|-------------------------------------|
|      |           |    |                         |               | <u>Bailed ≈ 25 ml SPH from well</u> |
|      |           |    |                         |               |                                     |
|      |           |    |                         |               |                                     |
|      |           |    |                         |               |                                     |
|      |           |    |                         |               |                                     |

|  |  |
|--|--|
| Did well dewater? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | Gallons actually evacuated: <u>    </u>                  |
| Sampling Time: <u>    </u>   | Sampling Date: <u>    </u>                               |
| Sample I.D.: <u>    </u>   | Laboratory: Pace Sequoia Other <u>    </u>               |
| Analyzed for: GRO BTEX MTBE DRO Other: <u>    </u>   |  |
| D.O. (if req'd):   | Pre-purge: <u>    </u> mg/L Post-purge: <u>    </u> mg/L |
| O.R.P. (if req'd):   | Pre-purge: <u>    </u> mV Post-purge: <u>    </u> mV     |



**WELLHEAD INSPECTION CHECKLIST**  
BP / GEM

Date 5-12-05

Site Address 4280 Foothill Oakland

Job Number 050512-DW-3 Technician DW

| Well ID | Well Inspected - No Corrective Action Required | Water Bailed From Wellbox | Wellbox Components Cleaned | Cap Replaced | Debris Removed From Wellbox | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) |
|---------|--|---------------------------|----------------------------|--------------|-----------------------------|---------------|------------------------------------|------------------------------------|
| MW-5    | X  | X                         |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |

NOTES: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### WELL GAUGING DATA

Project # 050623-1173 Date 6/23/05 Client 11109

Site 4290 Foothill, Oakland

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOG |
|---------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|
| MW-5    | 4               |              |                                  | 0                                    |                                    | 7.70                 | —                          |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |
|         |                 |              |                                  |                                      |                                    |                      |                            |                          |

## ARCO / BP WELL MONITORING DATA SHEET

|                                 |  |
|---------------------------------|--|
| BTS #: <u>050623-MW3</u>        | Station # <u>11169</u>                     |
| Sampler: <u>M. Toil</u>         | Date: <u>6/23/05</u>                       |
| Well I.D.: <u>MW-5</u>          | Well Diameter: 2 3 <u>4</u> 6 8            |
| Total Well Depth: <u>—</u>      | Depth to Water: <u>7.70</u>                |
| Depth to Free Product:          | Thickness of Free Product (feet): <u>0</u> |
| Referenced to: <u>PVO</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 <sup>2</sup> * 0.163 |

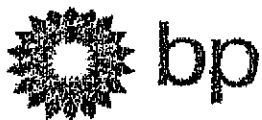
|  |  |
|--|--|
| Purge Method: <u>Bailer</u><br>Disposable Bailer<br>Positive Air Displacement<br>Electric Submersible<br>Extraction Pump<br>Other: <u>                    </u> | Sampling Method: <u>Bailer</u><br>Disposable Bailer<br>Extraction Port<br>Other: <u>                    </u> |
|--|--|

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

|                       |   |                   |   |                   |
|-----------------------|---|-------------------|---|-------------------|
| _____                 | X | _____             | = | _____ Gals.       |
| 1 Case Volume (Gals.) |   | Specified Volumes |   | Calculated Volume |

| Time | Temp (°F) | pH | Conductivity (mS or µS) | Gals. Removed | Observations |
|------|-----------|----|-------------------------|---------------|--------------|
|      |           |    |                         |               |              |
|      |           |    |                         |               |              |
|      |           |    |                         |               |              |
|      |           |    |                         |               |              |
|      |           |    |                         |               |              |

|  |  |
|--|--|
| Did well dewater? Yes <input type="checkbox"/> No <input type="checkbox"/> | Gallons actually evacuated: _____            |
| Sampling Time: _____   | Sampling Date: _____                         |
| Sample I.D.: _____   | Laboratory: Pace Sequoia Other _____         |
| Analyzed for: GRO BTEX MTBE DRO 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     |



WELLHEAD INSPECTION CHECKLIST  
BP / GEM

Date 6/23/05

Site Address 4230 Foothill, Oakland

Job Number 050623-NY3 Technician MT

| Well ID | Well Inspected - No Corrective Action Required | Water Bailed From Wellbox | Wellbox Components Cleaned | Cap Replaced | Debris Removed From Wellbox | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) |
|---------|--|---------------------------|----------------------------|--------------|-----------------------------|---------------|------------------------------------|------------------------------------|
| 246-5   | ✓  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |
|         |  |                           |                            |              |                             |               |                                    |                                    |

NOTES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_