R0511

URS

July 15, 2004

Mr. Robert Shultz
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: Second Quarter 2004 Status Report
Former BP Service Station # 11270
3255 McCartney Road
Alameda, California
URS Project #38486833

Dear Mr. Shultz:

On behalf of Atlantic Richfield Company (RM – a BP affiliated company), URS Corporation (URS) is submitting the *Second Quarter 2004 Status Report* for the Former BP Service Station #11270, located at 3255 McCartney Road, Alameda, California.

We request a followup status notification to a letter from Mr. Barney Chan at Alameda County Health Care Services dated November 16, 2001. This letter notified BP that a determination was to be made as to whether no further action is required, or to issue a closure letter.

If you have any questions regarding this submission, please call me at (510) 874-1720.

Sincerely,

URS CORPORATION

CERTIFIED HYDROGEOLOGIST
LEONARD P. NILES
NO. HG857
EXP. 3/31/04
STATE OF CALIFORNIA

Leonard P. Niles, R.G./C.H.G.
Senior Geologist

Attachment: Second Quarter 2004 Status Report

cc: Mr. Paul Supple, Atlantic Richfield Company,(electronic copy uploaded to ENFOS)
Ms. Liz Sewell, ConocoPhilips, 76 Broadway, Sacramento, CA 95818

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

URS

Date: July 15, 2004
Quarter: 2Q 04

ATLANTIC RICHFIELD SECOND QUARTER 2004 STATUS REPORT

Former Facility No.:	11270	Address:	3255 McCartney Road, Alameda, CA
RM Environmental Engineer:			Paul Supple
Consulting Co./Contact Person:			URS Corporation / Leonard Niles
Consultant Project No.:			38486833
Primary Agency/Regulatory ID No.:			Alameda County Water District

WORK PERFORMED THIS QUARTER (Second – 2004):

1. Prepared and submitted second quarter 2004 status report.

WORK PROPOSED FOR NEXT QUARTER (Third – 2004):

1. Prepare and submit third quarter 2004 status report.
2. Prepare and submit site Case Closure Summary Report, if required by ACHCSA.

DISCUSSION:

Site not closed. ACHCSA letter of 10/31/01 to BP notifies that determination of no further action or closure will be made. URS requests that notification be made by ACHCSA regarding status of closure or no further action required.

URS

July 15, 2004

Mr. Robert Shultz
Hazardous Materials Specialist
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Second Quarter 2004 Status Report
Former BP Service Station #11266
1541 Park Street
Alameda, California
URS Project # 38486813

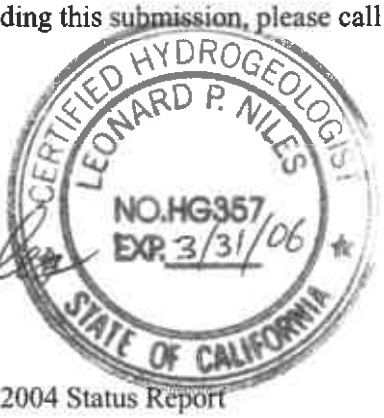
Dear Mr. Shultz:

On behalf of Atlantic Richfield Company (RM- a BP affiliated company), URS Corporation (URS) is submitting the *Second Quarter 2004 Status Report* for the Former BP Service Station #11266, located at 1541 Park, Alameda, California. URS requests a response to the *Request for Site Closure* submitted February 21, 2003.

If you have any questions regarding this submission, please call me at (510) 874-1720.

Sincerely,

URS CORPORATION



Leonard P. Niles
Leonard P. Niles, R.G./C.H.G.
Senior Geologist

Enclosure: Second Quarter 2004 Status Report

cc: Mr. Paul Supple, Atlantic Richfield Company, (electronic copy uploaded to ENFOS)
Mr. Chris Jimmerson, Delta Environmental Consultants, 3146 Gold Camp Dr. Suite 200, Rancho Cordova, CA 95670-6021

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

URS

Date: July 15, 2004
Quarter: 2Q 04

BP GEM QUARTERLY STATUS REPORT

Former Facility No.: 11266 Address: 1541 Park Street, Oakland, CA
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Leonard P. Niles
Consultant Project No.: 38486813
Primary Agency: Alameda County Health Care Services Agency (ACHCSA)

WORK PERFORMED THIS QUARTER (Second – 2004):

1. No environmental activities took place during this quarter.
2. Prepared and submitted second quarter 2004 status report.

WORK PROPOSED FOR NEXT QUARTER (Third– 2004):

1. Prepare and submit third quarter 2004 status report.

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: No Ongoing Sampling
Frequency of Groundwater Monitoring: No Ongoing Monitoring

DISCUSSION:

On February 21, 2003, URS submitted a request for site closure. At the time of this status report, URS has not received a response regarding this request. No groundwater monitoring activities are scheduled for this site.

URS

July 15, 2004

Mr. Robert Schultz
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Second Quarter 2004 Status Report**
Former BP Service Station #11104
1716 Webster Street
Alameda, California
URS Project #38486810

Dear Mr. Schultz:

On behalf of Atlantic Richfield Company (RM – a BP affiliated company), URS Corporation (URS) is submitting the *Second Quarter 2004 Status Report* for the Former BP Service Station #11104, located at 1716 Webster Street, Alameda, California.

If you have any questions regarding this submission, please call me at (510) 874-1720.

Sincerely,

URS CORPORATION

Leonard P. Niles, R.G./C.H.G.
Project Manager / Senior Geologist

Enclosure: Second Quarter 2004 Status Report

cc: Mr. Paul Supple, ARCO, (electronic copy uploaded to ENFOS)
Ms. Liz Sewell, ConocoPhillips, 76 Broadway, Sacramento, CA 95818

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

URS

Date: July 15, 2004
Quarter: 2Q 04

ATLANTIC RICHFIELD QUARTERLY STATUS REPORT

Facility No.:	11104	Address:	1716 Webster Street, Alameda, California
RM Environmental Engineer:			Paul Supple
Consulting Co./Contact Person:			URS Corporation / Leonard Niles
Consultant Project No.:			38486810
Primary Agency:			Alameda Country Department of Environmental Health

WORK PERFORMED THIS QUARTER (Second – 2004):

1. No environmental activities this quarter.
2. Prepared and submitted second quarter 2004 status report.

WORK PROPOSED FOR NEXT QUARTER (Third – 2004):

1. Perform third quarter 2004 groundwater monitoring event.
2. Prepare and submit third quarter 2004 groundwater monitoring report.

Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	Wells MW-1 and RW-1 semi-annually (1st & 3rd Quarter); Wells MW-2 through MW-5 annually (1st Quarter).
Frequency of Groundwater Monitoring:	Biannual
Is Free Product (FP) Present On-Site:	No
Current Remediation Techniques:	None currently
Approximate Depth to Groundwater:	NA
Groundwater Gradient (direction):	NA
Groundwater Gradient (magnitude):	NA

DISCUSSION:

No environmental activities took place at this site during this quarter. The most recent quarterly data can be referenced in the first quarter 2004 quarterly monitoring report for the site.

URS

July 15, 2004

Mr. Robert Shultz
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Second Quarter 2004 Status Report
Former BP Service Station #11107
18501 Hesperian Blvd
San Lorenzo, California
URS Project #38486807

Dear Mr. Shultz,

On behalf of the Atlantic Richfield Company (RM – a BP affiliated company), URS Corporation (URS) is submitting the *Second Quarter 2004 Status Report* for the Former BP Service Station #11107, located at 18501 Hesperian Boulevard, San Lorenzo, California.

Based on the low hydrocarbon and MTBE concentrations, URS requests that this Site be considered for closure. URS requests a response to the April 23, 2003 letter from BP/Atlantic Richfield Company to Alameda County Health Care Services requesting case closure.

If you have any questions regarding this submission, please call me at (510) 874-1720.

Sincerely,

URS CORPORATION

Leonard P. Niles

CERTIFIED HYDROGEOLOGIST
LEONARD P. NILES
NO. HG357
EXP. 3/31/06
STATE OF CALIFORNIA

Leonard P. Niles, R.G./C.H.G.
Senior Geologist/Project Manager

Enclosure: Second Quarter 2004 Status Report

cc: Mr. Paul Supple, Atlantic Richfield Company, (electronic copy uploaded to ENFOS)
Ms. Liz Sewell, ConocoPhillips, 76 Broadway, Sacramento, CA 95818
Mr. Ron Gehrke, 19231 Lake Chabot Road, Castro Valley, CA 94546

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

URS

Date: July 15, 2004
Quarter: 2Q 04

BP GEM QUARTERLY STATUS REPORT

Facility No.: 11107 Address: 18501 Hesperian Blvd, San Lorenzo, CA
RM Environmental Engineer: Paul Supple
Consulting Co./Contact Person: URS Corporation / Leonard Niles
Consultant Project No.: 38486807
Primary Agency/Regulatory ID No.: Alameda County Health Care Services / STID 780

WORK PERFORMED THIS QUARTER (Second – 2004):

1. Prepared and submitted second quarter 2004 status report.

WORK PROPOSED FOR NEXT QUARTER (Third – 2004):

1. Perform third quarter 2004 groundwater monitoring event.
2. Prepare and submit third quarter 2004 groundwater monitoring report.

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: Wells MW-4 through MW-6, semi-annually
Frequency of Groundwater Monitoring: Semi-annually
Is Free Product (FP) Present On-Site: No
Current Remediation Techniques: Monitored Natural Attenuation
Approximate Depth to Groundwater: NA
Groundwater Gradient (direction): NA
Groundwater Gradient (magnitude): NA

DISCUSSION:

The URS recommendation to reduce to semi-annual monitoring during 1st and 3rd quarters was approved by ACHCSA on May 14, 2004.

URS

July 15, 2004

Mr. Robert Shultz
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: Second Quarter 2004 Status Report
Former BP Service Station # 11109
4280 Foothill Boulevard
Oakland, California
URS Project # 38486803

Dear Mr. Shultz:

On behalf of Atlantic Richfield Company (RM – a BP affiliated company), URS Corporation (URS) is submitting the *Second Quarter 2004 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) 874-1720.

Sincerely,

URS CORPORATION

Leonard P. Niles, R.G./C.H.G.
Senior Geologist

Enclosure: Second Quarter 2004 Status Report

cc: Mr. Paul Supple, ARCO, (electronic copy uploaded to ENFOS)
Ms. Liz Sewell, ConocoPhillips, 76 Broadway, Sacramento, CA 95818
Mr. Chris Jimmerson, Delta Environmental Consultants, 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670-6021

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268

URS

Date: July 15, 2003
Quarter: 2Q 04

BP GEM QUARTERLY STATUS REPORT

Former Facility No.:	11109	Address:	4280 Foothill Boulevard, Oakland, CA
RM Environmental Engineer:			Paul Supple
Consulting Co./Contact Person:			URS Corporation / Leonard P. Niles
Consultant Project No.:			38486803
Primary Agency:			Alameda County Department of Environmental Health

WORK PERFORMED THIS QUARTER (Second – 2004):

1. Prepared and submitted second quarter 2004 status report.
2. Performed monthly free product gauging and bailing of well MW-5.

WORK PROPOSED FOR NEXT QUARTER (Third– 2004):

1. Prepare and submit third quarter 2004 status report.
2. Perform monthly free product gauging and bailing of well MW-5.
3. Perform quarterly groundwater monitoring of sampling of wells MW-2 through MW-7.
4. Remove drums and waste from GWE treatment system compound.

Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	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)
Frequency of Groundwater Monitoring:	Semi-annually (1st and 3rd Quarters)
Current Remediation Techniques:	Monthly Free Product (FP) bailing in MW-5
FP Removed This Period:	0.20 gallons
Cumulative FP Removed:	0.82 gallons (8/25/99 – present)

DISCUSSION:

Monthly gauging and bailing of free product in well MW-5 was performed this quarter. A total of 0.20 gallons of free product were bailed from well MW-5 during the second quarter 2004 (Table 1). The most recent analytical data can be referenced in the first quarter 2004 groundwater monitoring report. Formerly, only two onsite wells were monitored annually, in order to further delineate the current onsite extent of the dissolved hydrocarbon plume, URS performed sampling of wells MW-2, MW-4, MW-6 and MW-7 during the fourth quarter 2003 and first quarter 2004. Following results of these monitoring events, URS revised the sampling schedule to a semi-annual basis for wells MW-2, MW-4, MW-5 and MW-7; and to an annual basis for wells MW-6, MW-8 and MW-9.

ATTACHMENTS:

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

Table 3
Free Product Removal

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

WELL ID	DATE OF MONITORING	Depth to Water (Feet)	PRODUCT THICKNESS (Feet)	PRODUCT REMOVED (Gallons)	PRODUCT REMOVED CUMULATIVE (Gallons)
MW-5	8/25/1999	---	---	0.07	0.07
MW-5	3/9/2000	---	---	0.40	0.47
MW-5	7/14/2003	12.72	0.03	0.02	0.49
MW-5	8/25/2003	14.04	0.00	0.00	0.49
MW-5	9/25/2003	14.38	0.08	0.05	0.54
MW-5	10/3/2003	12.15	0.06	0.04	0.58
MW-5	11/12/2003	12.74	0.19	0.12	0.70
MW-5	12/9/2003	11.44	0.03	0.04	0.74
MW-5	**2/2/2004**	**6.47**	**0.04**	**0.03**	**0.77**
MW-5	**2/9/2004**	**10.61**	**0.04**	**0.03**	**0.80**
MW-5	**3/9/2004**	**7.91**	**---**	**---**	**0.80**
MW-5	**4/13/2004**	**9.68**	**0.28**	**0.20**	**0.82**
MW-5	**5/5/2004**	**11.93**	**Sheen**	**---**	**0.82**
MW-5	**6/3/2004**	**12.60**	**Sheen**	**---**	**0.82**
			FP Removed this Quarter:		**0.20**

Source : The data within this table collected prior to July 2003 was provided to URS by Atlantic Richfield Company and their previous consultants. URS has not verified the accuracy of this information.

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 # 040413-PC3 Date 4/13/04 Client URS 11109

Site 4280 Foothill Blvd., 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	odor	9.40	.28	739 ml	9.68	-	TOC	Bail SPH

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040413-PC3	Station # 1109
Sampler: PC	Date: 4/13/04
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: -	Depth to Water: 9.68
Depth to Free Product: 9.40	Thickness of Free Product (feet): .28
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 / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
			739 ml of 5 pH	removed	

Did well dewater? Yes / No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace / Sequoia 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

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 4/13/04

Site Address 4280 Foothill Blvd., Oakland

Job Number 040413-PC3 Technician R. Lovnes

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							A	

NOTES: no bolts

WELL GAUGING DATA

Project # 040505-DW-4 Date 5-5-04 Client Sd Arco 11109

Site 4230 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	Sheen	/ No SPH detected w/ interface probe			11.93	—	TOC	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040505-DW-4	Station # 11109
Sampler: Dave W.	Date: 5-5-04
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: ~	Depth to Water: 11.93
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 / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / 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.

1 Case Volume (Gals.)	x	Specified Volumes	=	Calculated Volume
	x	check SPH	=	Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	No SPH detected w/ interface probe. Dedicated bailer				
	in well had sheen				

Did well dewater? Yes No			Gallons actually evacuated:		
Sampling Time:			Sampling Date:		
Sample I.D.:			Laboratory: Pace Sequoia 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

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 5-5-04

Site Address 4280 Foothill Oakland

Job Number 040505-DW-4 Technician

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							

NOTES:

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040603-0W-3	Station # 11109
Sampler: DW	Date: 6-3-04
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: —	Depth to Water: 12.60
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 / Disposable Bailer / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / Disposable Bailer / Extraction Port / 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.

1 Case Volume (Gals.)	x	Specified Volumes	=	Calculated Volume
_____	x	check SPH	=	_____ Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		No SPH detected			

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia 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

WELL GAUGING DATA

Project # 040603-DW-3 Date 6-3-04 Client Arco/BP 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	Sheen			Ø	12.60	—	TOC	

bp

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 6-3-04

Site Address 4780 Foothill Oakland

Job Number 040603-RW-3 Technician Dave W

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							

NOTES:

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040702-DA1	Station # BP # 11109
Sampler: DA	Date: 7/2/04
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: —	Depth to Water: H.C DA 11.01
Depth to Free Product: 11.01	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
- X Disposable Bailer
- Positive Air Displacement
- Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- Disposable Bailer
- Extraction Port
- 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 Bail SPH = _____ Gals.
1 Case Volume (Gals.) Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	Bailed	24h mS	SPH + 5g. H_2O		

Did well dewater? Yes No		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

WELL GAUGING DATA

Project # 040702-DA1 Date 7/2/04 Client BP # 11109

Site 4280 Foothill Blvd. 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	SPH	11.01	0.10	240	11.11	—	TOC	
	* Gauged w/ 3" PVC bailer in well									

bp

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 7/2/04

Site Address 4280 Foothill Oakland, CA

Job Number 040702-DA1 Technician DA

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: MW-5 : 4/4 bolts missing. Bolt holes possibly stripped or broken