



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

July 15, 2015

Mindi Kral (*Sent via E-mail to: mindikral@chevron.com*)
Chevron Pipe Line Company
4800 Fournace Place
Bellaire, TX 77401-2324

Tim Ramirez
San Francisco Public Utilities Commission
Natural Resources and Land Management Division
525 Golden Gate Avenue, 10th Floor
San Francisco, CA 94102

Subject: Case Closure for Site Cleanup Program Case No. RO0002892 and GeoTracker Global ID SL0600100443, Chevron Sunol Pipeline, 2793 Calaveras Road, Sunol, CA 94586

Dear Mindi Kral and Tim Ramirez:

This letter confirms the completion of site investigation and remedial actions for the soil and groundwater investigation at the above referenced site. We are also transmitting the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported releases at the subject site with the provision that the information provided to this agency was accurate and representative of existing conditions. The subject Site Cleanup Program (SCP) case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (<http://geotracker.waterboards.ca.gov>) and the Alameda County Environmental Health website (<http://www.acgov.org/aceh/index.htm>).

Site Management Requirements

This petroleum hydrocarbon spill case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Closure Policy (LTCP). Petroleum hydrocarbons were released to shallow soil within the area of a pipeline on the hillside east of Calaveras Road. Under the current open space and agricultural land use, the residual contamination does not appear to pose a risk to human health or the environment. The potential for vapor intrusion to indoor air for future buildings on the east side of Calaveras Road has not been evaluated.

If a change in land use or if any redevelopment occurs within the hillside area east of Calaveras Road, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

No site management requirements are necessary for the nursery area west of Calaveras Road.

Responsible Parties
RO0002892
July 15, 2015
Page 2

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org. Case files can be reviewed online at the following website: <http://www.acgov.org/aceh/index.htm>.

Sincerely,



Dilan Roe, P.E.
LOP and SCP Program Manager

Enclosures: Case Closure Summary

cc: Colleen Winey (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551
(Sent via E-mail to: cwiney@zone7water.com)

Joe Morgan III, URS Corporation, 1333 Broadway, Suite 800, Oakland, CA 94612 (Sent via E-mail to: joe_morgan@urscorp.com)

Joe Naras, San Francisco Public Utilities Commission, Natural Resources Division
(Sent via E-mail to: JNaras@sfgwater.org)

Casey Sondgeroth, San Francisco Public Utilities Commission, Natural Resources Division
(Sent via E-mail to: CSondgeroth@sfgwater.org)

Neal Fujita, San Francisco Public Utilities Commission, Alameda Watershed Resources Manager
(Sent via E-mail to: NFujita@sfgwater.org)

Craig Freeman, San Francisco Public Utilities Commission, Environmental and Regulatory Compliance Division, 1145 Market Street, Suite 500, San Francisco, CA 94103 (Sent via E-mail to: CFreeman@sfgwater.org)

Sandra Rivera, Alameda County Community Development Agency Planning Department, Room 111, 224 West Winton Avenue, Hayward, CA 94544 (Sent via E-mail to: sandra.rivera@acgov.org)

Jerry Wickham, ACEH (Sent via E-mail to: jerry.wickham@acgov.org)

GeoTracker, eFile

**CASE CLOSURE SUMMARY
SITE CLEANUP PROGRAM**

I. AGENCY INFORMATION

Date: July 9, 2015

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Chevron Sunol Pipeline		
Site Facility Address: 2793 Calaveras Road, Sunol, CA 94586		
RB Case No.: ----	Previous Case STID No.: ----	LOP Case No.: RO0002892
GeoTracker ID: SL0600100443	APN: 96-80-9	
Current Land Use: Open space		
Responsible Parties	Addresses	Phone Numbers
Mindi Kral Chevron Pipe Line Company	4800 Fournace Place Bellaire, TX 77401-2324	713-432-3309
Tim Ramirez San Francisco Public Utilities Commission Natural Resources and Land Management Division	525 Golden Gate Avenue, 10 th Floor San Francisco, CA 94102	No Phone Number

This Case Closure Summary along with the Case Closure Transmittal letter provides documentation of the case closure. This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Environmental Health (ACEH) website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board GeoTracker website (<http://geotracker.waterboards.ca.gov>). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACEH website.

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: A release of gasoline occurred on August 14, 2005 when a road grader damaged a gasoline pipeline along a dirt road east of Calaveras Road. Approximately 25,830 gallons of gasoline was released as a spray downslope onto the adjacent hillside and Calaveras Road.
Primary constituents of concern: Gasoline
Areas of site investigated for this case: Hillside area where release occurred east of Calaveras Road and tree nursery west of Calaveras Road
Remediation attempted or completed: Limited excavation around pipeline break immediately after release and soil vapor extraction within hillside area between November 2005 and July 2009
Most Sensitive Current Groundwater Use: Drinking water source

Summary of Production Wells in Vicinity: No water supply wells are located within 2,000 feet of the site.	
Are drinking water wells affected? No	Aquifer Name: Sunol Valley
Is surface water affected? No	Nearest Surface Water Name: A small unnamed creek is approximately 150 feet north of the site. The small unnamed creek is a tributary to Alameda Creek, which is approximately 830 feet west of the site.

LTCP GROUNDWATER SPECIFIC CRITERIA

LTCP Groundwater Specific Scenario under which case was closed: Scenario 5

Site Data		LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Plume Length	175 feet	<100 feet	<250 feet	<250 feet	<1,000 feet
Free Product	No free product	No free product	No free product	Removed to maximum extent practicable	No free product
Plume Stable or Decreasing	Appears to be stable	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	> 2,000 feet	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	150 feet north of site	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Not applicable for groundwater specific criteria	Not applicable	Not applicable	Yes	Not applicable

GROUNDWATER CONCENTRATIONS

Constituent	Historic Site Maximum (µg/L)	Current Site Maximum (µg/L)	LTCP Scenario 1 Criteria (µg/L)	LTCP Scenario 2 Criteria (µg/L)	LTCP Scenario 3 Criteria (µg/L)	LTCP Scenario 4 Criteria (µg/L)
Benzene	1,500	38	No criteria	3,000	No criteria	1,000
MTBE	<100	<100	No criteria	1,000	No criteria	1,000
Total petroleum hydrocarbons as gasoline	78,000	57,000	No criteria	No criteria	No criteria	No criteria

Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?

The site meets all criteria for Scenario 2 except a small unnamed creek is approximately 150 feet north of the site. The unnamed creek has been sampled quarterly or semiannually since 2006 and no concentrations of petroleum hydrocarbons have been detected in the creek. Based on the apparent stability of the plume, the creek appears unlikely to be affected in the future. Therefore, case closure under Scenario 5 appears appropriate.

LTCP VAPOR SPECIFIC CRITERIA

LTCP Vapor Specific Scenario under which case was closed: Controlling exposure through use of mitigation measures or institutional controls for area east of Calaveras Road. Data in the table below are for the area east of Calaveras Road. The nursery area west of Calaveras Road appears to meet Scenario 3A for vapor specific criteria.

Active Fueling Station		No					
Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered NAPL	No NAPL	LNAPL in groundwater	LNAPL in soil	No NAPL	No NAPL	No NAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	<0.5 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	11,000 mg/kg	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm
Maximum Current Benzene Concentration in Groundwater	38 µg/L	No criteria	No criteria	<100 ppb	≥100 and <1,000 ppb	<1,000 ppb	No criteria
Oxygen Data within Bioattenuation Zone	No oxygen data	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	No soil vapor data	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS

Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum (µg/m ³)	Current Maximum (µg/m ³)	Residential	Commercial	Residential	Commercial
Benzene	----	---	<85	<280	<85,000	<280,000
Ethylbenzene	----	---	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	----	----	<93	<310	<93,000	<310,000

If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?	Yes
--	-----

Comments: The nursery area west of Calaveras Road does not appear to have significant shallow soil contamination and appears to meet Scenario 3A for vapor specific criteria. Shallow residual soil contamination remains within the hillside area east of Calaveras Road. The potential for vapor intrusion to indoor air for future buildings on the east side of Calaveras Road has not been evaluated. Therefore, a site management requirement is included in this Closure Summary for the hillside area. The site management requirement indicates that the hillside area is to be re-evaluated if land use changes or the area is to be redeveloped in the future.

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA

LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: A determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls for the area east of Calaveras Road. Maximum concentrations of petroleum hydrocarbons in shallow soil are less than or equal to those in Table 1 below within the nursery area west of Calaveras Road.

Are maximum concentrations less than those in Table 1 below? No

Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 5 feet bgs (ppm)	Volatilization to outdoor air (5 to 10 feet bgs) ppm	0 to 10 feet bgs (ppm)
Site Maximum	Benzene	9.4	26	9.4	26	26
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	350	420	350	420	420
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	----	----	----	----	----
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	----	----	----	----
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5

If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?

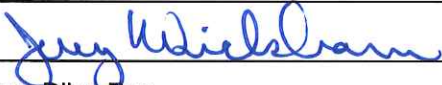

Yes

Comments: Shallow soil concentrations within the nursery area west of Calaveras Road are less than Table 1. The concentrations of shallow residual soil contamination within the hillside area east of Calaveras Road exceed Table 1. Therefore, a site management requirement is included in this Closure Summary for the hillside area. The site management requirement indicates that the hillside area is to be re-evaluated if land use changes or the area is to be redeveloped in the future.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes	
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes	
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.	
<p>Site Management Requirements: This petroleum hydrocarbon spill case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Closure Policy (LTCP). Petroleum hydrocarbons were released to shallow soil within the area of a pipeline on the hillside east of Calaveras Road. Under the current open space and agricultural land use, the residual contamination does not appear to pose a risk to human health or the environment. The potential for vapor intrusion to indoor air for future buildings on the east side of Calaveras Road has not been evaluated.</p> <p>If a change in land use or if any redevelopment occurs within the hillside area east of Calaveras Road, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2.</p> <p>Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.</p> <p>No site management requirements are necessary for the nursery area west of Calaveras Road.</p>	
Should corrective action be reviewed if land use changes? Yes	
Was a deed restriction or deed notification filed? No	Date Recorded: ----

V. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 07/15/2015
Approved by: Dilan Roe	Title: LOP and SCP Program Manager
Signature: 	Date: 07/15/2015

VI. REGIONAL BOARD AND PUBLIC NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Regional Board Notification Date: 12/16/2014	
Public Notification Date: 12/16/2014	

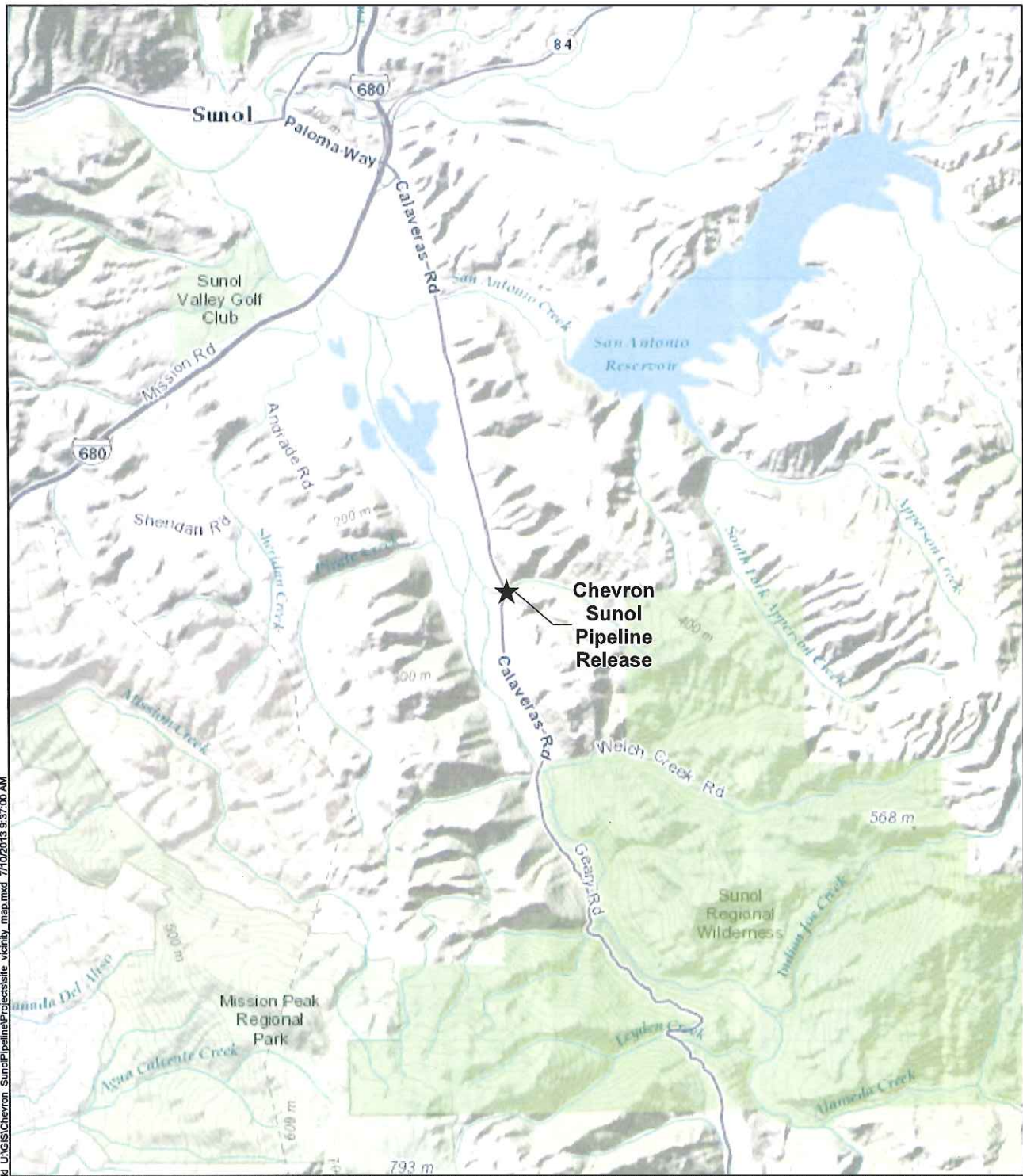
VII. MONITORING WELL DESTRUCTION

Date Requested by ACEH: 01/27/2015	Date of Well Destruction Report: 05/08/2015	
All Monitoring Wells Destroyed: Yes	Number Destroyed: 12	Number Retained: 0
Reason Wells Retained: ----		
Additional requirements for submittal of groundwater data from retained wells: ----		
ACEH Concurrence - Signature: <i>Jerry Wickham</i>	Date: <i>07/15/2015</i>	

Attachments:

1. Site Vicinity Map (1 p)
2. Site Plan (1 p)
3. Groundwater Contour Maps (2 pp)
4. Soil Analytical Data (9 pp)
5. Groundwater Analytical Data (11 pp)
6. Cross Sections (2 pp)

ATTACHMENT 1



U:\GIS\Chevron_SunolPipeline\Projects\site_vicinity_map.mxd, 7/10/2013 9:37:00 AM

Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, Increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the



0 3,000 6,000
FEET

SITE VICINITY MAP

August 2013
26818679

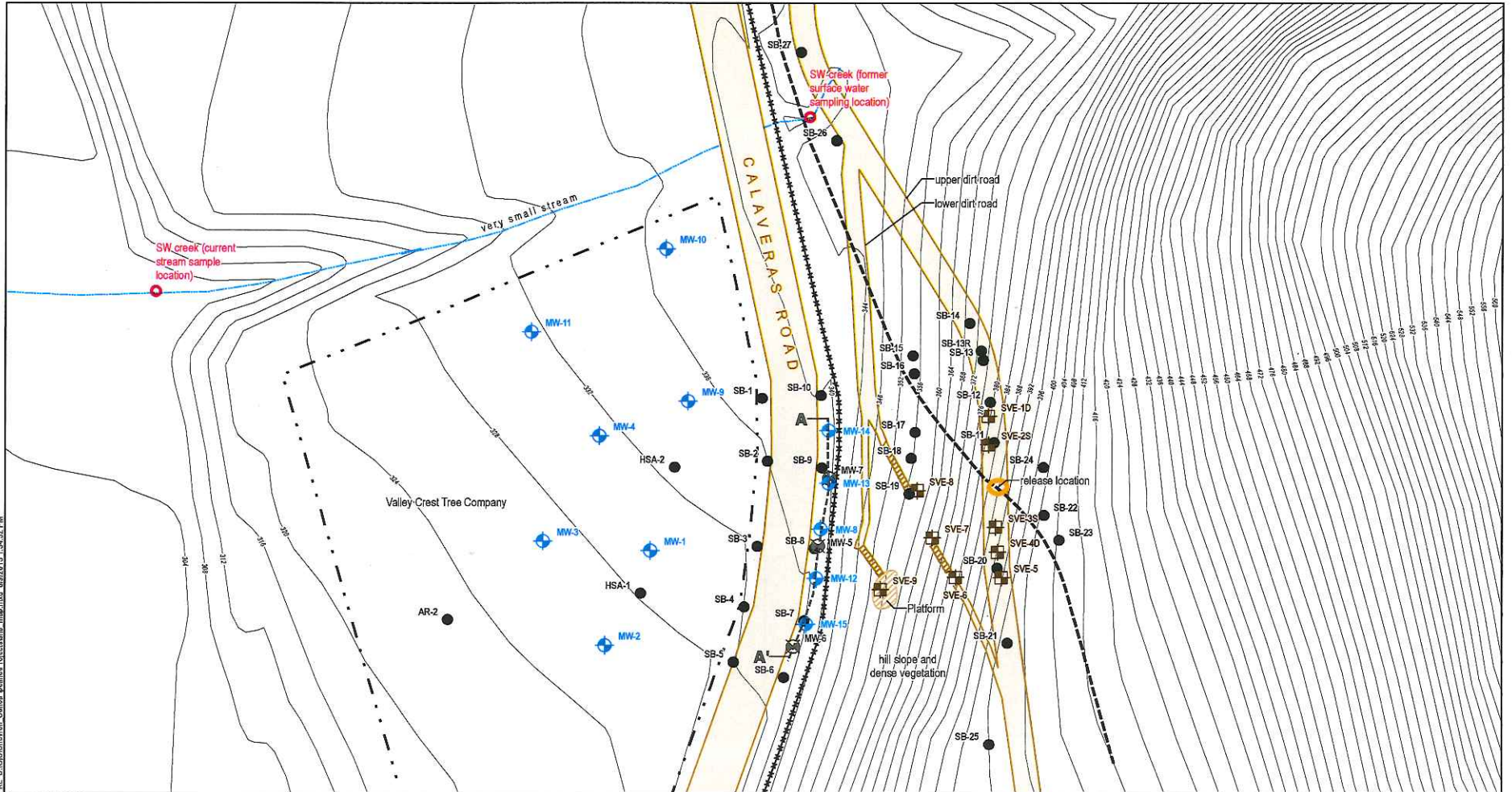
Chevron Sunol Pipeline
Sunol, California



FIGURE 1

ATTACHMENT 2

K:\USBChevron_SunolPipeline\Project\SiteMap.mxd 8/27/2013 1:42:32 PM

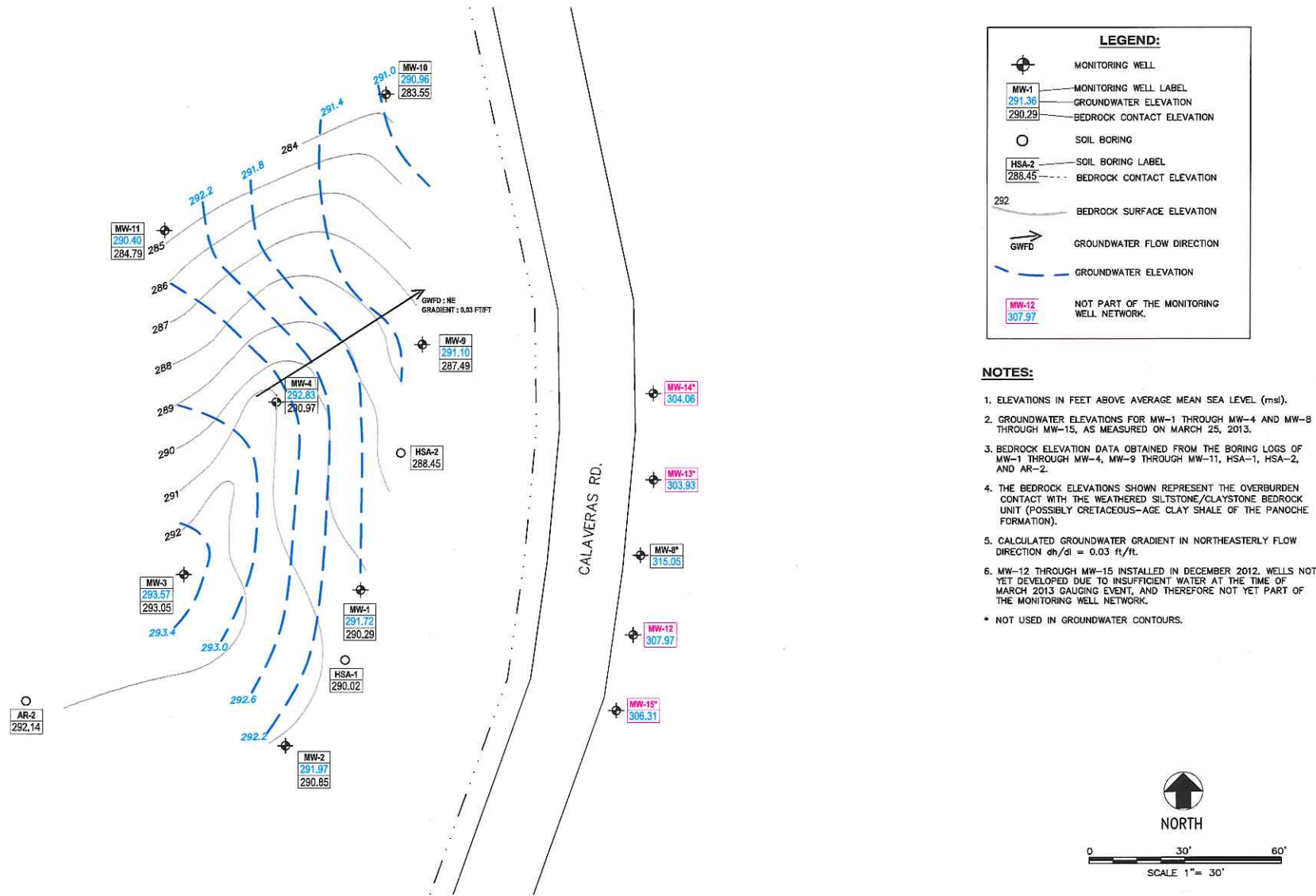


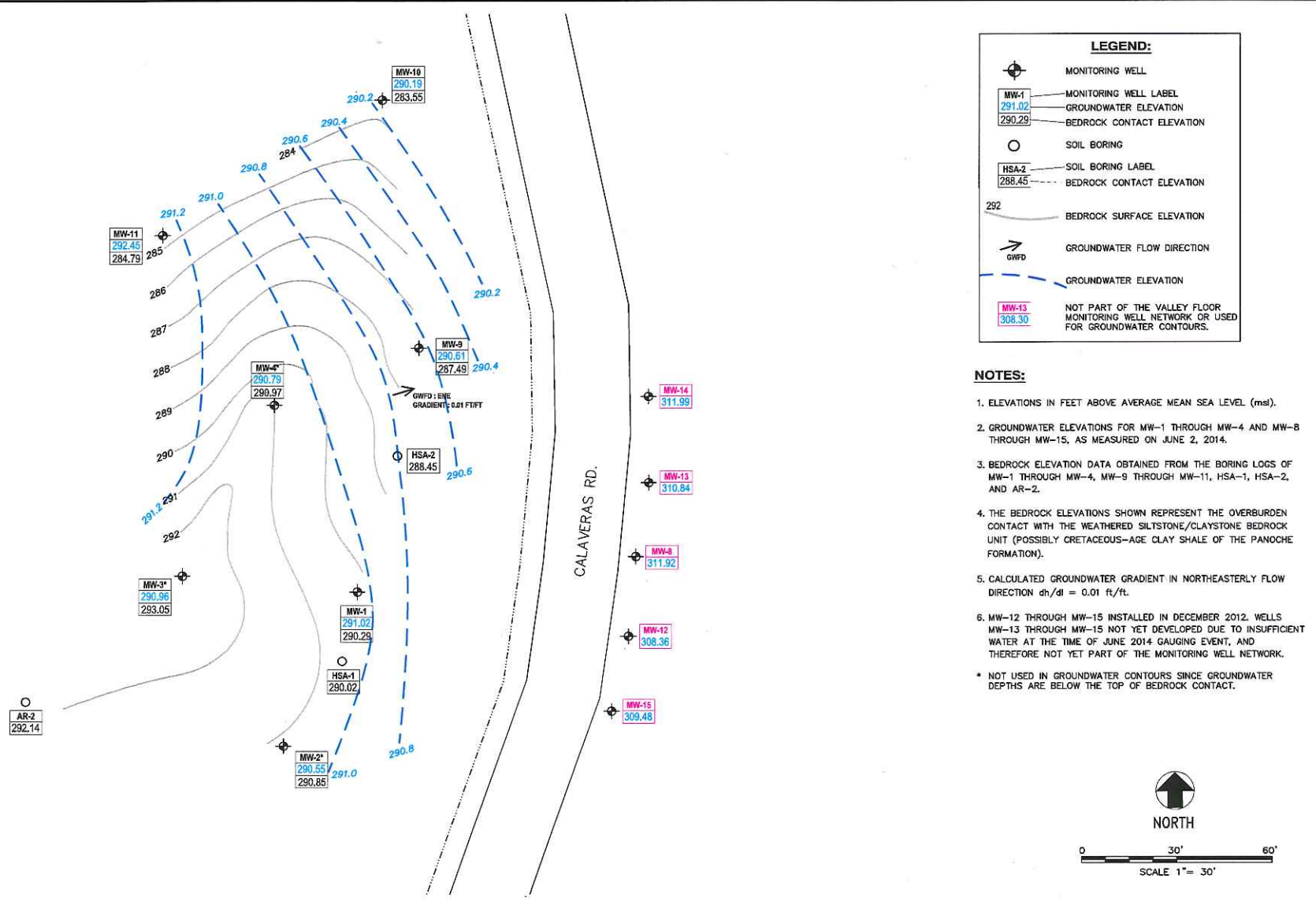
Source: URS, 2013.

- | | | |
|--|--|-----------------------------|
| Monitoring well in unconfined water bearing zone | Soil boring | Pipeline |
| Monitoring well in perched zone | Stream sample location | Property line/fence |
| Monitoring well - abandoned | Location of slit in pipeline causing release | Stream |
| SVE well | 4-foot contour line | Geologic cross-section A-A' |
| | Fence | Road |
| | | Stairs |



ATTACHMENT 3





ATTACHMENT 4

**Table 2
Cumulative Soil Analytical Results
Closure Request
Chevron Sunol Pipeline**

Sample Location	Date	Sample Depth (ft bgs)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
SB-1	8/25/2005	0.5	<1.0 R	<0.0005	0.002	0.001	0.009	<0.0005	23.9
SB-1	8/25/2005	1	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	4.66
SB-1	8/25/2005	2	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-1	8/25/2005	5.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-1	8/25/2005	9.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-1	8/25/2005	15.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-1	8/25/2005	19.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-1	8/25/2005	25	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-1	8/25/2005	30	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-2	8/25/2005	0.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	13.9
SB-2	8/25/2005	1	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	8.69
SB-2	8/25/2005	2	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-2	8/25/2005	5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-2	8/25/2005	10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-2	8/25/2005	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-2	8/25/2005	20	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-2	8/25/2005	25	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-2	8/25/2005	30	<1.0	<0.0005	<0.001	<0.001	0.003	<0.0005	--
SB-3	10/13/2005	0.5	3.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	29.1
SB-3	10/13/2005	2	<1.0	<0.0005	0.004	<0.001	0.002	<0.0005	--
SB-3	10/13/2005	5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-3	10/13/2005	9.5	1.7	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-3	10/13/2005	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-3	10/13/2005	19.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-3	10/13/2005	24.5	<1.0	<0.0005	<0.001	<0.001	0.001	<0.0005	--
SB-4	10/13/2005	0.5	<1.0	<0.0005	0.003	<0.001	0.001	<0.0005	11.9
SB-4	10/13/2005	1	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-4	10/13/2005	2	<1.0	<0.0005	0.004	<0.001	0.002	<0.0005	--
SB-4	10/13/2005	5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-4	10/13/2005	9.5	<1.0	<0.0005	<0.001	<0.001	0.002	<0.0005	--
SB-4	10/13/2005	14.5	<1.0	<0.0005	<0.001	<0.001	0.002	<0.0005	--

**Table 2
Cumulative Soil Analytical Results
Closure Request
Chevron Sunol Pipeline**

Sample Location	Date	Sample Depth (ft bgs)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
SB-4	10/13/2005	19.5	<1.0	<0.0005	<0.001	<0.001	0.001	<0.0005	--
SB-4	10/13/2005	24.5	<1.0	<0.0005	<0.001	<0.001	0.002	<0.0005	--
SB-5	8/25/2005	0.5	<1.0	<0.0005	<0.001	<0.001	0.002	<0.0005	8.93
SB-5	8/25/2005	1	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	6.98
SB-5	8/25/2005	2	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-5	8/25/2005	5	<1.0	<0.0005	<0.001	<0.001	0.005	<0.0005	--
SB-5	8/25/2005	9.5	<1.0	<0.0005	<0.001	<0.001	0.003	<0.0005	--
SB-5	8/25/2005	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-5	8/25/2005	19.5	<1.0	<0.0005	<0.001	<0.001	0.001	<0.0005	--
SB-5	8/25/2005	25	<1.0	<0.0005	0.003	<0.001	0.005	<0.0005	--
SB-6	10/13/2005	0.5	<1.0	<0.0005	0.003	<0.001	0.001	<0.0005	5.74
SB-6	10/13/2005	1	<1.0	0.0007	0.003	<0.001	<0.001	<0.0005	3.93
SB-6	10/13/2005	2	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-6	10/13/2005	5.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-6	10/13/2005	9.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-6	10/13/2005	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-6	10/13/2005	19.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-6	10/13/2005	25	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-7	10/13/2005	0.5	<1.0	<0.0005	0.003	<0.001	0.001	<0.0005	12.1
SB-7	10/13/2005	1	<1.0	<0.0005	0.004	<0.001	0.002	<0.0005	5.29
SB-7	10/13/2005	2	<1.0	<0.0005	0.003	<0.001	0.002	<0.0005	--
SB-7	10/13/2005	5.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-7	10/13/2005	9.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-7	10/13/2005	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-7	10/13/2005	19.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-7	10/13/2005	25	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-8	8/26/2005	0.5	180 J	<0.0005	<0.001	0.01	0.29	<0.0005	6.39
SB-8	8/26/2005	1	4.8	0.001	0.001	<0.001	0.017	<0.0005	4.54
SB-8	8/26/2005	2	<1.0	0.001	0.013	<0.001	0.004	<0.0005	--
SB-8	8/26/2005	5.5	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	--

**Table 2
Cumulative Soil Analytical Results
Closure Request
Chevron Sunol Pipeline**

Sample Location	Date	Sample Depth (ft bgs)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
SB-8	8/26/2005	9.5	<1.0	<0.0005	0.002	<0.001	0.001	<0.0005	--
SB-8	8/26/2005	15	<1.0	<0.0005	0.002	<0.001	0.002	<0.0005	--
SB-8	8/26/2005	19.5	8.5	0.008	0.011	0.003	0.030	<0.0005	--
SB-9	10/13/2005	0.5	1.4	<0.0005	<0.001	<0.001	0.003	<0.0005	6.4
SB-9	10/13/2005	1	<1.0	0.0007	0.001	<0.001	0.004	<0.0005	5.25
SB-9	10/13/2005	2	<1.0	<0.005	0.004	<0.001	0.009	<0.0005	--
SB-9	10/13/2005	5	<1.0	0.002	0.027	<0.001	0.01	<0.0005	--
SB-9	10/13/2005	9.5	<1.0	0.009	0.029	<0.001	0.001	<0.0005	--
SB-9	10/13/2005	15.5	<1.0	0.001	0.003	<0.001	0.001	<0.0005	--
SB-9	10/13/2005	19.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-9	10/13/2005	25.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-10	8/29/2005	0.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	6.13
SB-10	8/29/2005	1	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	0.757
SB-10	8/29/2005	2.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-10	8/29/2005	5.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-10	8/29/2005	9.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-10	8/29/2005	15.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-10	8/29/2005	19.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-10	8/29/2005	25	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-10	8/29/2005	29.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-10	8/29/2005	35	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-10	8/29/2005	39	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-11	10/11/2005	0.5	<1.0	<0.0005	<0.001	<0.001	0.015	<0.0005	--
SB-11	10/11/2005	1	<1.0	<0.0005	<0.001	<0.001	0.013	<0.0005	--
SB-11	10/11/2005	2.5	<1.0	<0.0005	<0.001	<0.001	0.013	<0.0005	--
SB-11	10/11/2005	5.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-11	10/11/2005	10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-11	10/11/2005	15.5	<1.0	0.0008	0.011	0.001	0.011	<0.0005	--
SB-11	10/11/2005	19.5	2.4	0.002	0.030	0.007	0.057	<0.0005	--

**Table 2
Cumulative Soil Analytical Results
Closure Request
Chevron Sunol Pipeline**

Sample Location	Date	Sample Depth (ft bgs)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
SB-12	10/11/2005	0.5	<1.0	<0.0005	<0.001	<0.001	0.001	<0.0005	--
SB-12	10/11/2005	1	<1.0	<0.0005	<0.001	<0.001	0.001	<0.0005	--
SB-12	10/11/2005	2	<1.0	<0.0005	<0.001	<0.001	0.005	<0.0005	--
SB-12	10/11/2005	5	<1.0	<0.0005	<0.001	<0.001	0.002	<0.0005	--
SB-12	10/11/2005	10	<1.0	<0.0005	0.003	<0.001	0.008	<0.0005	--
SB-12	10/11/2005	15	3.7	0.001	0.017	0.003	0.069	<0.0005	--
SB-12	10/11/2005	19.5	1.0	<0.0005	<0.001	<0.001	0.005	<0.0005	--
SB-13	10/12/2005	0.5	<1.0	<0.0005	<0.001	<0.001	0.003	<0.0005	--
SB-13	10/12/2005	1	<1.0	<0.0005	<0.001	<0.001	0.008	<0.0005	--
SB-13	10/12/2005	2	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-13	10/12/2005	5	<1.0	<0.0005	0.006	<0.001	0.012	<0.0005	--
SB-13	10/12/2005	10	<1.0	<0.0005	0.008	<0.001	0.017	<0.0005	--
SB-14	10/12/2005	0.5	<1.0	<0.0005	0.009	<0.001	0.016	<0.0005	--
SB-14	10/12/2005	1	<1.0	<0.0005	<0.001	<0.001	0.005	<0.0005	--
SB-14	10/12/2005	2	<1.0	<0.0005	0.01	0.001	0.028	<0.0005	--
SB-15	10/12/2005	0.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-15	10/12/2005	1	<1.0 UJ	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-15	10/12/2005	2.5	<1.0	0.0005	0.009	<0.001	0.005	<0.0005	--
SB-15	10/12/2005	5	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	--
SB-15	10/12/2005	10	<1.0	<0.0005	0.005	<0.001	0.002	<0.0005	--
SB-16	10/13/2005	0.5	<4.0 UJ	0.0006	0.01	0.001	0.005	<0.0005	--
SB-16	10/13/2005	1	<1.0	0.001	0.017	0.001	0.007	<0.0005	--
SB-16	10/13/2005	2	1.1	0.002	0.028	0.001	0.007	<0.0005	--
SB-16	10/13/2005	5	1.4	0.0007	0.011	<0.001	0.004	<0.0005	--
SB-16	10/13/2005	9	6.6	0.003	0.043	<0.001	0.017	<0.0005	--
SB-17	10/13/2005	0.5	7.7	0.003	0.049	<0.001	0.4	<0.0005	--
SB-17	10/13/2005	1	16 J	0.002	0.075	0.002	1.7	<0.0005	--
SB-17	10/13/2005	2	17	0.002	0.059	<0.001	1.7	<0.0005	--
SB-17	10/13/2005	5	15	0.001	0.019	<0.001	0.22	<0.0005	--

**Table 2
Cumulative Soil Analytical Results
Closure Request
Chevron Sunol Pipeline**

Sample Location	Date	Sample Depth (ft bgs)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
SB-18	10/13/2005	0.5	180 J	0.004	0.027	<0.005	0.47	<0.003	--
SB-18	10/13/2005	1	21 J	0.004	0.027	<0.005	0.81	<0.003	--
SB-18	10/13/2005	2	30 J	<0.063	0.45	<0.13	4.1	<0.063	--
SB-18	10/13/2005	5	25 J	0.001	0.006	0.001	0.071	<0.001	--
SB-18	10/13/2005	8.5	36 J	0.096	1.3	<0.13	2.9	<0.063	--
SB-19	10/13/2005	0.5	11,000 J	3.9	420	250	950	<0.62	--
SB-19	10/13/2005	1	17,000 J	9.4 J	1200 J	350 J	2,700 J	<0.62	--
SB-19	10/13/2005	2	11,000 J	6	560	260	1,200	<0.62	--
SB-20	10/17/2005	0.5	5.8	<0.0005	0.004	<0.001	0.027	<0.0005	--
SB-20	10/17/2005	1	10	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-20	10/17/2005	2	3.5	<0.0005	0.003	<0.001	0.008	<0.0005	--
SB-20	10/17/2005	5	8.3	<0.0005	0.003	<0.001	0.012	<0.0005	--
SB-20	10/17/2005	10	<1.0	<0.0005	0.001	<0.001	0.001	<0.0005	--
SB-20	10/17/2005	15	<1.0	0.0009	0.009	<0.001	0.003	<0.0005	--
SB-20	10/17/2005	19.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-20	10/17/2005	25	<1.0	<0.0005	0.001	<0.001	<0.001	<0.0005	--
SB-20	10/17/2005	30	<1.0	<0.0005	0.001	<0.001	<0.001	<0.0005	--
SB-21	10/17/2005	0.5	<1.0	<0.0005	0.009	0.001	0.006	<0.0005	--
SB-21	10/17/2005	1.5	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	--
SB-21	10/17/2005	2.5	<1.0	<0.0005	0.001	<0.001	<0.001	<0.0005	--
SB-21	10/17/2005	5	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	--
SB-21	10/17/2005	10	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	--
SB-21	10/17/2005	15	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	--
SB-21	10/17/2005	19.5	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	--
SB-21	10/17/2005	25	<1.0	<0.0005	0.001	<0.001	<0.001	<0.0005	--
SB-21	10/17/2005	38	4.1	0.001	0.025	0.006	0.047	<0.0005	--
SB-22	10/13/2005	0.5	<1.0	0.0007	0.017	0.002	0.009	<0.0005	--
SB-22	10/13/2005	1	<1.0	0.0008	0.018	0.002	0.009	<0.0005	--
SB-22	10/13/2005	2	<1.0	<0.0005	0.006	<0.001	0.004	<0.0005	--
SB-22	10/13/2005	5.5	<1.0	<0.0005	0.001	<0.001	<0.001	<0.0005	--

**Table 2
Cumulative Soil Analytical Results
Closure Request
Chevron Sunol Pipeline**

Sample Location	Date	Sample Depth (ft bgs)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
SB-23	10/13/2005	0.5	<1.0	<0.0005	0.006	<0.001	0.002	<0.0005	--
SB-23	10/13/2005	1	<1.0	<0.0005	0.009	<0.001	0.005	<0.0005	--
SB-23	10/13/2005	2	<1.0	<0.0005	0.003	<0.001	0.001	<0.0005	--
SB-23	10/13/2005	5	<1.0	<0.0005	0.003	<0.001	0.002	<0.0005	--
SB-23	10/13/2005	8.5	<1.0	<0.0005	0.004	<0.001	0.002	<0.0005	--
SB-24	10/13/2005	0.5	<1.0	0.002	0.052	0.007	0.046	<0.0005	--
SB-24	10/13/2005	1	<1.0	0.001	0.029	0.004	0.024	<0.0005	--
SB-24	10/13/2005	2	<1.0	0.0006	0.017	0.002	0.013	<0.0005	--
SB-25	10/17/2005	0.5	<1.0	<0.0005	0.022	0.001	0.006	<0.0005	--
SB-25	10/17/2005	1.5	<1.0	<0.0005	0.02	0.002	0.008	<0.0005	--
SB-25	10/17/2005	2.5	<1.0	<0.0005	0.009	0.001	0.006	<0.0005	--
SB-25	10/17/2005	5	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	--
SB-25	10/17/2005	10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-25	10/17/2005	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-25	10/17/2005	19.5	<1.0	<0.0005	0.001	<0.001	<0.001	<0.0005	--
SB-25	10/17/2005	25	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-25	10/17/2005	35	<1.0	<0.0005	0.008	<0.001	0.003	<0.0005	--
SB-26	10/25/2005	0.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-26	10/25/2005	1.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-26	10/25/2005	2.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-26	10/25/2005	5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-26	10/25/2005	10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-26	10/25/2005	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-26	10/25/2005	20	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-26	10/25/2005	25	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-26	10/25/2005	30	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
SB-27	10/25/2005	37.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
HSA-1	10/11/2005	0.5	<1.0	<0.0005	0.001	<0.001	0.001	<0.0005	--
HSA-1	10/11/2005	1	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--

**Table 2
Cumulative Soil Analytical Results
Closure Request
Chevron Sunol Pipeline**

Sample Location	Date	Sample Depth (ft bgs)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
HSA-1	10/11/2005	2	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
HSA-1	10/11/2005	9.8	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
HSA-1	10/11/2005	20	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
HSA-2	10/11/2005	0.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
HSA-2	10/11/2005	1	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
HSA-2	10/11/2005	2	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
HSA-2	10/11/2005	9.5	<4.0 UJ	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
HSA-2	10/11/2005	20	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
HSA-2	10/11/2005	45	<1.0	<0.0005	0.002	<0.001	0.002	<0.0005	--
HSA-2	10/11/2005	50	<1.0	<0.0005 UJ	0.003 J	<0.001 UJ	0.002 J	<0.0005 UJ	--
AR-2	10/19/2005	18.5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--
AR-2	10/19/2005	28.5	<1.0	<0.0005	0.002	<0.001	<0.001	<0.0005	--
SVE-6	11/7/2006	3.2	2.2	<0.022	<0.045	<0.045	<0.045	--	--
SVE-6	11/7/2006	10	<0.9	<0.024	<0.048	<0.048	<0.048	--	--
SVE-6	11/7/2006	14	<1	<0.026	<0.051	<0.051	<0.051	--	--
SVE-7	11/8/2006	1	4,800 J	<0.23	1.7	<0.45	210	--	--
SVE-7	11/8/2006	8	17,000 J	26 J	1,100 J	420 J	3,800 J	--	--
SVE-8	11/9/2006	2.5	2,300 J	<0.019	0.93	0.56	47	--	--
SVE-8	11/9/2006	4	3.1	<0.023	<0.045	<0.045	<0.045	--	--
SVE-8	11/9/2006	6.5	<1	<0.022	<0.045	<0.045	<0.045	--	--
SVE-9	11/10/2006	4	23,000 J	0.38 J	47 J	20 J	2,100 J	--	--
MW-1	10/18/2005	38.5	<1.0	0.003	0.025	0.003	0.017	<0.0005	--
MW-4	1/30/2006	21.5	<1.0	<0.019	<0.038	<0.038	<0.038	--	--
MW-4	1/30/2006	33	<1.0 UJ	<0.024	<0.049	<0.049	<0.049	--	--
MW-4	1/30/2006	36.5	<1.0 UJ	<0.018	<0.037	<0.037	<0.037	--	--

**Table 2
Cumulative Soil Analytical Results
Closure Request
Chevron Sunol Pipeline**

Sample Location	Date	Sample Depth (ft bgs)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
MW-5	1/24/2006	10	1.1	0.13	0.69	<0.050	1.3	<0.025	--
MW-5	1/24/2006	20	1.5	0.089	0.16	<0.042	0.78	<0.021	--
MW-5	1/24/2006	46	10	0.15	2.8	0.64	3.8	<0.022	--
MW-5	1/25/2006	48	3	<0.019	<0.038	<0.038	0.11	<0.019	--
MW-6	1/26/2006	17	<1.0	<0.021	<0.042	<0.042	<0.042	<0.021	--
MW-6	1/26/2006	46	<1.0	<0.022	<0.044	<0.044	<0.044	<0.022	--
MW-7	1/27/2006	18	<1.0	<0.023	0.065	<0.047	0.068	<0.023	--
MW-7	1/27/2006	22.5	9.1	0.087	1.1	0.33	2.1	<0.021	--
MW-8	8/15/2006	16.5	1,100 J	1.7	52	16	170	--	--
MW-8	8/15/2006	20.5	50 J	0.45	2.4	0.21	1.2	--	--
MW-9	8/16/2006	11.5	<1.0	<0.025	<0.050	<0.050	<0.050	--	--
MW-10	9/5/2007	36.5	<0.8	<0.021	<0.042	0.083	0.062	--	--
MW-10	9/5/2007	43	<0.8	<0.015	<0.030	<0.030	<0.030	--	--
MW-10	9/5/2007	52.5	8.3	<0.019	0.049	0.044	0.12	--	--
MW-11	9/6/2007	26.5	<0.8	<0.016	<0.031	<0.031	<0.031	--	--
MW-11	9/6/2007	46	<0.9	<0.024	<0.047	<0.047	<0.047	--	--
MW-12	11/27/2012	5	<1.4	<0.0006	<0.001	<0.001	<0.001	--	--
MW-12	11/27/2012	10	<1.3	<0.0006	<0.001	<0.001	<0.001	--	--
MW-12	11/27/2012	15	<1.3	<0.0006	<0.001	<0.001	<0.001	--	--
MW-12	11/27/2012	20	<4.5	<0.0006	<0.001	<0.001	<0.001	--	--
MW-12	11/27/2012	24.5	1,100 J	<0.023	<0.046	0.6	<0.046	--	--
MW-12	11/27/2012	29.5	<1	<0.0005	<0.001	<0.001	<0.001	--	--
MW-13	11/26/2012	5	<1.0	<0.0006	<0.001	<0.001	<0.001	--	--
MW-13	11/26/2012	10	<1.0	<0.0006	<0.001	<0.001	<0.001	--	--
MW-13	11/26/2012	15	<1.1	<0.0006	<0.001	<0.001	<0.001	--	--
MW-13	11/26/2012	20	<1.0	<0.0006	<0.001	<0.001	<0.001	--	--

**Table 2
Cumulative Soil Analytical Results
Closure Request
Chevron Sunol Pipeline**

Sample Location	Date	Sample Depth (ft bgs)	TPH-GRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (Total) (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
MW-13	11/26/2012	23	120	0.081	<0.062	0.62	3.4	--	--
MW-13	11/26/2012	25	<1	0.012	0.025	0.019	0.1	--	--
MW-14	11/29/2012	5	<1.2	<0.0006	<0.001	<0.001	<0.001	--	--
MW-14	11/29/2012	10	<1.1	<0.0006	<0.001	<0.001	<0.001	--	--
MW-14	11/29/2012	15	<1.3	<0.0006	<0.001	<0.001	<0.001	--	--
MW-14	11/29/2012	20	<1.1	<0.0005	<0.001	<0.001	<0.001	--	--
MW-14	11/29/2012	25	<1	<0.0005	<0.001	<0.001	<0.001	--	--
MW-14	11/29/2012	29.5	<1.1	<0.0006	<0.001	<0.001	<0.001	--	--
MW-15	11/29/2012	5	<1	<0.0005	<0.001	<0.001	<0.001	--	--
MW-15	11/29/2012	10	<1	<0.0006	<0.001	<0.001	<0.001	--	--
MW-15	11/29/2012	15	<0.9	<0.0005	<0.001	<0.001	<0.001	--	--
MW-15	11/29/2012	20	<1.1	<0.0006	<0.001	<0.001	<0.001	--	--
MW-15	11/29/2012	20	<1.1	<0.0006	<0.001	<0.001	<0.001	--	--
MW-15	11/29/2012	27.5	<1.1	<0.0005	<0.001	<0.001	<0.001	--	--

Abbreviations

Bold values exceed laboratory reporting limits.

TPH-GRO - total petroleum hydrocarbons quantified as gasoline range organics

MTBE - methyl tert-butyl ether

ft bgs - feet below ground surface

mg/kg - milligrams per kilogram

Notes

J - A "J" qualifier indicates that the analyte was positively identified, but that the associated numerical value is an approximate concentration of the analyte in the sample.

UJ - A "UJ" qualifier indicates that the analyte was not detected above the reported sample quantitation limit (i.e., the laboratory reporting limit), however, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - An "R" qualifier indicates that the sample results were rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria, and therefore, the presence or absence of the analyte could not be verified.

ATTACHMENT 5

**Table 4
Summary of Groundwater Analytical Results, Gasoline Compounds
Closure Request
Chevron Sunol Pipeline**

Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL ⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-1	2/22/2006	57,000	38	2,700	3,000	8,700
MW-1	6/8/2006	37,000	10	330	120	8,200
MW-1	Q3 2006 ⁽²⁾	NS	NS	NS	NS	NS
MW-1	11/15/2006	38,000	14	110	38	5,900
MW-1	2/21/2007	18,000	4	7	8	1,600
MW-1	6/5/2007	17,000	3	7	4	1,100
MW-1	Q3 2007 ⁽²⁾	NS	NS	NS	NS	NS
MW-1	Q4 2007 ⁽²⁾	NS	NS	NS	NS	NS
MW-1	3/19/2008	12,000	0.8	1	1	320
MW-1	6/6/2008	8,200	1	2	3	150
MW-1	Q3 2008 ⁽³⁾	NS	NS	NS	NS	NS
MW-1	Q4 2008 ⁽³⁾	NS	NS	NS	NS	NS
MW-1	3/31/2009	3,700	<0.5	1	1	44
MW-1	6/10/2009	5,000	<0.5	<0.5	0.7	13
MW-1	Q3 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-1	Q4 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-1	3/10/2010	3,800	<0.5	<0.5	<0.5	4
MW-1	Q2 2010 ⁽³⁾	NS	NS	NS	NS	NS
MW-1	Q3 2010 ⁽³⁾	NS	NS	NS	NS	NS
MW-1	12/14/2010	1,900	0.8	1	0.7	3
MW-1	3/29/2011	1,200	<0.5	<0.5	<0.5	<0.5
MW-1	8/23/2011	960	<0.5	1	<0.5	2
MW-1	3/21/2012	880	<0.5	<0.5	<0.5	0.7
MW-1	9/25/2012	1,100 J	<0.5	7	5	29
MW-1	3/26/2013	710	<0.5	<0.5	<0.5	<0.5

**Table 4
Summary of Groundwater Analytical Results, Gasoline Compounds
Closure Request
Chevron Sunol Pipeline**

Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL ⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-2	2/21/2006 ⁽¹⁾	<50 / <50	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5
MW-2	6/7/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-2	8/23/2006	<50	0.5	<0.5	<0.5	<0.5
MW-2	11/14/2006	<50	0.7	<0.5	<0.5	<0.5
MW-2	2/21/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-2	6/5/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-2	Q3 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	Q4 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	3/19/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-2	6/5/2008 ⁽¹⁾	<50 / <50	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5
MW-2	Q3 2008 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	Q4 2008 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	3/27/2009	<50	<0.5	<0.5	<0.5	<0.5
MW-2	Q2 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	Q3 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	Q4 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	3/10/2010	<50	<0.5	<0.5	<0.5	2
MW-2	6/23/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-2	Q3 2010 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	Q4 2010 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	3/28/2011	<50	<0.5	<0.5	<0.5	<0.5
MW-2	Q3 2011 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	3/21/2012	<50	<0.5	<0.5	<0.5	0.6
MW-2	Q3 2012 ⁽³⁾	NS	NS	NS	NS	NS
MW-2	3/26/2013	<50	<0.5	<0.5	<0.5	1

**Table 4
Summary of Groundwater Analytical Results, Gasoline Compounds
Closure Request
Chevron Sunol Pipeline**

Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL ⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-3	2/21/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-3	6/7/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-3	8/23/2006	170	<0.5	<0.5	<0.5	<0.5
MW-3	11/14/2006	86	<0.5	1	<0.5	<0.5
MW-3	2/21/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-3	Q2 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	Q3 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	Q4 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	3/19/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-3	6/5/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-3	Q3 2008 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	Q4 2008 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	3/31/2009	<50	<0.5	<0.5	<0.5	<0.5
MW-3	Q2 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	Q3 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	Q4 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	3/9/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-3	Q2 2010 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	Q3 2010 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	Q4 2010 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	3/28/2011	<50	<0.5	<0.5	<0.5	<0.5
MW-3	8/23/2011	<50	<0.5	2	1	5
MW-3	3/20/2012	<50	<0.5	<0.5	<0.5	<0.5
MW-3	Q3 2012 ⁽³⁾	NS	NS	NS	NS	NS
MW-3	3/26/2013	<50	<0.5	<0.5	<0.5	1

**Table 4
Summary of Groundwater Analytical Results, Gasoline Compounds
Closure Request
Chevron Sunol Pipeline**

Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL ⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-4	2/21/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-4	6/7/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-4	8/23/2006	70	0.6	<0.5	<0.5	1
MW-4	11/15/2006	<50	<0.5	<0.5	<0.5	0.5
MW-4	2/21/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-4	Q2 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	Q3 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	Q4 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	3/19/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-4	6/6/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-4	Q3 2008 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	Q4 2008 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	3/31/2009	<50	<0.5	<0.5	<0.5	<0.5
MW-4	Q2 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	Q3 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	Q4 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	3/9/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-4	6/23/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-4	Q3 2010 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	12/14/2010	<50	<0.5	<0.5	<0.5	0.8
MW-4	3/29/2011	<50	<0.5	<0.5	<0.5	<0.5
MW-4	Q3 2011 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	3/21/2012	<50	<0.5	<0.5	<0.5	1
MW-4	Q3 2012 ⁽³⁾	NS	NS	NS	NS	NS
MW-4	3/26/2013	<50	<0.5	<0.5	1	5

**Table 4
Summary of Groundwater Analytical Results, Gasoline Compounds
Closure Request
Chevron Sunol Pipeline**

Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-5	2/22/2006	<50	<0.5	0.6	<0.5	1
MW-5	6/8/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-5	8/24/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-5	11/16/2006	<50	<0.5	2	<0.5	<0.5
MW-5	2/20/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-5	6/6/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-5	9/12/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-5	Q4 2007	NS	NS	NS	NS	NS
MW-5	Q1 2008	NS	NS	NS	NS	NS
MW-5	Q2 2008	Well Abandoned				
MW-6	2/22/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-6	6/7/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-6	8/22/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-6	11/16/2006	<50	<0.5	<0.5	<0.5	<0.5
MW-6	2/20/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-6	6/6/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-6	9/12/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-6	Q4 2007	NS	NS	NS	NS	NS
MW-6	Q1 2008	NS	NS	NS	NS	NS
MW-6	Q2 2008	Well Abandoned				
MW-7	2/22/2006	<50	0.7	2	0.9	5
MW-7	6/8/2006	<50	0.7	<0.5	1	4
MW-7	8/22/2006	<50 / <50	2 / 2	<0.5 / <0.5	1 / 0.6 J	3 / 2 J



Table 4
Summary of Groundwater Analytical Results, Gasoline Compounds
Closure Request
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Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL ⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-7	11/16/2006	<50	0.7	2	0.6	2
MW-7	2/20/2007	<50 / <50	0.7 / 0.6	1 / 0.9	0.9 / 0.6 J	3 / 2 J
MW-7	6/6/2007	<50	0.7	0.8	0.8	2
MW-7	9/12/2007	<50 / <50	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5
MW-7	Q4 2007	NS	NS	NS	NS	NS
MW-7	Q1 2008	NS	NS	NS	NS	NS
MW-7	Q2 2008	Well Abandoned				
MW-8	8/24/2006	18,000	190	2,600	590	2,800
MW-8	11/16/2006	990	76	80	69	190
MW-8	2/20/2007	2,000	180	57	170	74
MW-8	6/6/2007	3,600	340	92	370	210
MW-8	9/12/2007	4,200	470	230	630	320
MW-8	12/11/2007	4,900	350	300	490	650
MW-8	Q1 2008 ⁽⁴⁾	NS	NS	NS	NS	NS
MW-8	Q2 2008 ⁽⁴⁾	NS	NS	NS	NS	NS
MW-8	9/18/2008 ⁽¹⁾	11,000 / 9,200	740 / 690	320 / 290	790 / 720	2,600 / 2,100
MW-8	12/15/2008	12,000	810	920	880	3,300
MW-8	3/27/2009	29,000/29,000J	1,500/1,200	7,200/4,500	1,200/1,100	4,700/4,100
MW-8	Q2 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-8	Q3 2009 ⁽³⁾	NS	NS	NS	NS	NS
MW-8	12/10/2009	19,000	930	1,600	1,200	3,800
MW-8	3/10/2010	10,000 / 10,000	570 / 580	500 / 500	730 / 730	1,800 / 1,800
MW-8	6/24/2010	14,000	630	680	870	2,500
MW-8	9/29/2010	74,000 / 170,000 J	1,400 / 1,500 J	16,000 / 23,000 J	3,200 / 4,300 J	16,000 / 25,000 J

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Closure Request
Chevron Sunol Pipeline**

Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL ⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-8	12/15/2010	78,000	2,000	15,000	2,800	15,000
MW-8	3/29/2011	49,000	1,600	7,500	2,000	11,000
MW-8	8/23/2011	72,000	1,200	15,000	3,200	15,000
MW-8	3/21/2012	52,000/55,000	1,000/1,000	2,300 J/2,900 J	2,600/2,600	8,500/9,700
MW-8	Q3 2012 ⁽³⁾	NS	NS	NS	NS	NS
MW-8	3/25/2013	41,000/42,000	760/770	3,100/3,100	820/820	12,000/12,000
MW-9 ⁽⁷⁾	Q3 2006 ⁽²⁾	NS	NS	NS	NS	NS
MW-9 ⁽⁷⁾	11/15/2006	74,000	480	12,000	2,200	17,000
MW-9 ⁽⁷⁾	Q1 2007 ⁽²⁾	NS	NS	NS	NS	NS
MW-9 ⁽⁷⁾	Q2 2007 ⁽²⁾	NS	NS	NS	NS	NS
MW-9 ⁽⁷⁾	Q3 2007 ⁽²⁾	NS	NS	NS	NS	NS
MW-9 ⁽⁷⁾	12/11/2007	48,000	62	5,400	1,700	12,000
MW-9 ⁽⁷⁾	Q1 2008 ⁽²⁾	NS	NS	NS	NS	NS
MW-9 ⁽⁷⁾	6/6/2008	31,000	5	1,000	1,300	9,000
MW-9 ⁽⁷⁾	9/18/2008	25,000	6	610	800	4,800
MW-9 ⁽⁷⁾	12/16/2008	34,000	6	750	930	6,000
MW-9 ⁽⁷⁾	3/31/2009	20,000	3	100	460	3,200
MW-9 ⁽⁷⁾	6/10/2009	27,000	<3	66	610	4,100
MW-9 ⁽⁷⁾	Q3 2009 ⁽²⁾	NS	NS	NS	NS	NS
MW-9 ⁽⁷⁾	12/10/2009	20,000	3	85	460	2,800
MW-9 ⁽⁷⁾	3/10/2010	18,000	<3	17	250	1,700
MW-9 ⁽⁷⁾	6/24/2010	16,000	0.9	7	210	1,300
MW-9 ⁽⁷⁾	9/29/2010	24,000	<10	<10	440	2,100
MW-9 ⁽⁷⁾	12/14/2010	9,100	6	2	80	340

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Summary of Groundwater Analytical Results, Gasoline Compounds
Closure Request
Chevron Sunol Pipeline**

Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL ⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-9 ⁽⁷⁾	3/29/2011	7,100	0.8	0.9	44	190
MW-9 ⁽⁷⁾	8/23/2011	7900/ 8,300	<0.5/<1.0	2/ 2	46/ 47	200/ 220
MW-9 ⁽⁷⁾	3/21/2012	2,500	<0.5	<0.5	3	4
MW-9 ⁽⁷⁾	9/25/2012	3,900/ 4,100 J	<1/ <1	2/ 2	6/ 7	18/ 19
MW-9 ⁽⁷⁾	3/26/2013	2,100	<0.5	43	2	71
MW-10 ⁽⁶⁾	Q3 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-10 ⁽⁶⁾	12/14/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	3/20/2008	<50	0.9	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	6/6/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	9/18/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	12/15/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	3/27/2009	52	<0.5	0.7	<0.5	<0.5
MW-10 ⁽⁶⁾	6/10/2009	<50	<0.5	1	<0.5	<0.5
MW-10 ⁽⁶⁾	9/28/2009	<50/<50	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5
MW-10 ⁽⁶⁾	12/10/2009	540	0.6	2	5	23
MW-10 ⁽⁶⁾	3/9/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	6/23/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	9/29/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	12/15/2010	<50	<0.5	1	<0.5	<0.5
MW-10 ⁽⁶⁾	3/28/2011	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	8/23/2011	<50	<0.5	<0.5	<0.5	0.6
MW-10 ⁽⁶⁾	3/20/2012	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	9/24/2012	<50	<0.5	<0.5	<0.5	<0.5
MW-10 ⁽⁶⁾	3/25/2013	<50	<0.5	<0.5	<0.5	<0.5

**Table 4
Summary of Groundwater Analytical Results, Gasoline Compounds
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Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL ⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-11	Q3 2007 ⁽³⁾	NS	NS	NS	NS	NS
MW-11	12/14/2007	<50	<0.5	<0.5	<0.5	<0.5
MW-11	3/20/2008 ⁽¹⁾	<50 / <50	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5
MW-11	6/6/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-11	9/24/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-11	12/15/2008	<50	<0.5	<0.5	<0.5	<0.5
MW-11	3/27/2009	<50	<0.5	<0.5	<0.5	<0.5
MW-11	6/10/2009	59	<0.5	2	<0.5	3
MW-11	9/29/2009	<50	<0.5	<0.5	<0.5	<0.5
MW-11	12/10/2009	66	<0.5	<0.5	<0.5	3
MW-11	3/9/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-11	6/23/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-11	9/29/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-11	12/15/2010	<50	<0.5	<0.5	<0.5	<0.5
MW-11	3/28/2011	<50	<0.5	<0.5	<0.5	<0.5
MW-11	8/23/2011	<50	<0.5	<0.5	<0.5	<0.5
MW-11	3/20/2012	<50	<0.5	<0.5	<0.5	<0.5
MW-11	9/24/2012	<50	<0.5	<0.5	<0.5	<0.5
MW-11	3/25/2013	<50	<0.5	<0.5	<0.5	<0.5
MW-12	3/26/2013	520	2	1	<0.5	<0.5
MW-13	3/26/2013	NS ⁽⁸⁾	NS ⁽⁸⁾	NS ⁽⁸⁾	NS ⁽⁸⁾	NS ⁽⁸⁾
MW-14	3/26/2013	NS ⁽⁸⁾	NS ⁽⁸⁾	NS ⁽⁸⁾	NS ⁽⁸⁾	NS ⁽⁸⁾

**Table 4
Summary of Groundwater Analytical Results, Gasoline Compounds
Closure Request
Chevron Sunol Pipeline**

Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL ⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
MW-15	3/26/2013	<50	<0.5	<0.5	<0.5	<0.5
SW-Creek	6/7/2006	<50	<0.5	<0.5	<0.5	<0.5
SW-Creek	8/22/2006	<50	<0.5	<0.5	<0.5	<0.5
SW-Creek	11/15/2006	<50	<0.5	<0.5	<0.5	<0.5
SW-Creek	11/15/2006	<50	<0.5	<0.5	<0.5	<0.5
Stream	2/21/2007	<50	<0.5	<0.5	<0.5	<0.5
Stream	6/5/2007	<50	<0.5	<0.5	<0.5	<0.5
Stream	9/12/2007	<50	<0.5	<0.5	<0.5	<0.5
Stream	1/25/2008	<50	<0.5	<0.5	<0.5	<0.5
Stream	3/20/2008	<50	<0.5	<0.5	<0.5	<0.5
Stream	6/5/2008	<50	<0.5	<0.5	<0.5	<0.5
Stream	9/18/2008	<50	<0.5	<0.5	<0.5	<0.5
Stream	12/15/2008	<50	<0.5	<0.5	<0.5	<0.5
Stream	3/31/2009	<50	<0.5	<0.5	<0.5	<0.5
Stream	6/9/2009	<50	<0.5	<0.5	<0.5	<0.5
Stream	Q3 2009 ⁽⁵⁾	NS	NS	NS	NS	NS
Stream	Q4 2009 ⁽⁵⁾	NS	NS	NS	NS	NS
Stream	3/9/2010	<50	<0.5	<0.5	<0.5	<0.5
Stream	6/24/2010	<50	<0.5	<0.5	<0.5	<0.5
Stream	9/28/2010	<50	<0.5	<0.5	<0.5	<0.5
Stream	12/15/2010	<50	<0.5	<0.5	<0.5	<0.5
Stream	3/29/2011	<50	<0.5	<0.5	<0.5	<0.5
Stream	8/23/2011	<50	<0.5	<0.5	<0.5	<0.5

**Table 4
Summary of Groundwater Analytical Results, Gasoline Compounds
Closure Request
Chevron Sunol Pipeline**

Well ID	Date	TPH-GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)
ESL⁽¹⁾ Groundwater is a potential drinking resource		100	1	40	30	20
Stream	3/20/2012	<50	<0.5	<0.5	<0.5	<0.5
Stream	9/24/2012	<50	<0.5	<0.5	<0.5	<0.5
Stream	3/26/2013	<50	<0.5	<0.5	<0.5	<0.5

Notes:

TPH-GRO - Total Petroleum Hydrocarbons as Gasoline Range Organics

µg/L - micrograms per liter

ESL - Environmental Screening Level

#.###/## - Sample result and duplicate result

J - The reported value is the approximate concentration of the analyte in the sample due to sample heterogeneity.

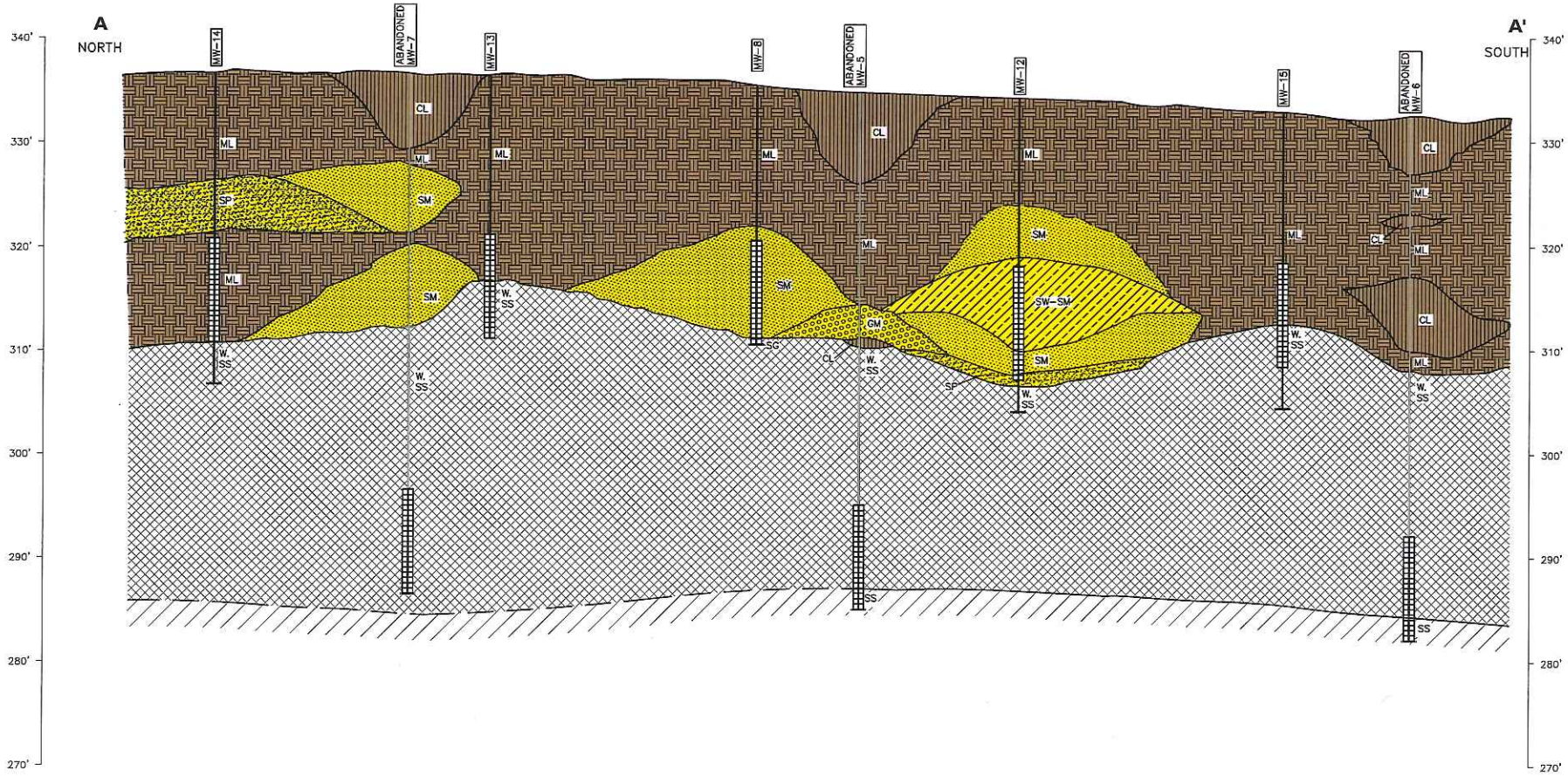
Bold values exceed laboratory reporting limits.

Shaded values exceed the ESL

NS - Not Sampled

- (1) Final Groundwater ESL, Groundwater is a Current or Potential Drinking Water Resource (Regional Water Quality Control Board, Final Interim May 2013)
- (2) Sample not collected during quarterly monitoring due to the presence of measurable free product.
- (3) Sample not collected during quarterly monitoring because well is not hydraulically connected to unconfined water-bearing zone.
- (4) Sample not collected due to extreme overhead hazards posed by dead trees on the 80-90% grade directly uphill from the sampling location.
- (5) Sample not collected during quarterly monitoring due to the stream sample location being dry.
- (6) Duplicate sampled collected from MW-10 during the third quarter 2009 sampling event because MW-8 was not hydraulically connected to the water bearing zone.
- (7) Duplicate sample collected from MW-9 during the third quarter 2011 and 2012 sampling event.
- (8) Sample not collected due to insufficient water measured in the monitoring well.

ATTACHMENT 6



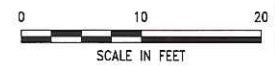
LEGEND:

- WELL DESIGNATION
- GROUND SURFACE
- STRATIGRAPHIC BOUNDARY
- TYPICAL SOIL CLASSIFICATION
- SCREENED INTERVAL
- BOTTOM OF BORING

- CL GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
- ML SILT WITH SAND, SANDY SILTS, SANDY SILTS WITH GRAVEL, CLAY
- SM SILTY SANDS, SAND-SILT MIXTURES
- SP POORLY GRADED SANDS
- SW-SM WELL GRADED SAND WITH SILT

- GM SILTY GRAVEL, SILTY GRAVEL W/ SAND
- W-SS WEATHERED SANDSTONE
- SS SANDSTONE

- INFERRED CONTACT
- LOW PERMEABILITY
- MODERATE TO HIGH PERMEABILITY



Jul 24, 2013 - 12:13pm
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URS	CHEVRON PIPELINE COMPANY	GEOLOGIC CROSS SECTION A-A' CHEVRON SUNOL PIPELINE SUNOL, CA	Figure 4
	Project No. 26818679		

