

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
ALEX BRISCOE, Director



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

March 3, 2014

Mr. Walter Sprague
Pacific Convenience & Fuel
2603 Camino Ramon, Suite 350
San Ramon, CA 94583
(sent via electronic mail to
wsprague@pcandf.com)

Mr. Ed Ralston
Phillips 66
76 Broadway Street
Sacramento, CA 95818
(sent via electronic mail to
Ed.C.Ralston@p66.com)

Union Oil Company of California
c/o UNOCAL 76 Prop Tax
PO Box 7600
Los Angeles, CA 90051-0600

Angelo Gaspare Trust
PO Box 1539
Paso Robles, CA 934471539

Mr. Dave Dewitt
TOSCO
2000 Crow Canyon Place, Suite 400
San Ramon, CA 94583

Subject: Closure Transmittal; Fuel Leak Case No. RO0000459 (Global ID #T0600101443), Unocal #6419, 6401 Dublin Boulevard, Dublin, CA 94568

Dear Responsible Parties:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

Sincerely,

Dilan Roe
Program Manager

Enclosures: 1. Remedial Action Completion Certificate
2. Case Closure Summary

cc: Ms. Cherie McCaulou (w/enc.), SF- Regional Water Quality Control Board, 1515 Clay Street, Suite 1400, Oakland, CA 94612, (sent via electronic mail to CMacaulou@waterboards.ca.gov)

Mr. Dennis Dettloff (sent via electronic mail to Dennis.Dettloff@anteagroup.com)

Dilan Roe, (sent via electronic mail to dilan.roe@acgov.org)
Case eFile, GeoTracker

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

ALEX BRISCOE, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

REMEDIAL ACTION COMPLETION CERTIFICATION

March 3, 2014

Mr. Walter Sprague
Pacific Convenience & Fuel
2603 Camino Ramon, Suite 350
San Ramon, CA 94583
(sent via electronic mail to
wsprague@pcandf.com)

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PO Box 1539
Paso Robles, CA 934471539

Mr. Dave Dewitt
TOSCO
2000 Crow Canyon Place, Suite 400
San Ramon, CA 94583

Subject: Case Closure for Fuel Leak Case No. RO0000459 and GeoTracker Global ID T0600101443, Unocal #6419, 6401 Dublin Boulevard, Dublin, CA 94568

Dear Responsible Parties:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Please be aware that claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,


Ariu Levi
Director

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: March 3, 2014

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6767
Responsible Staff Person: Dilan Roe	Title: LOP, SCP, and Land Use Program Manager

II. CASE INFORMATION

Site Facility Name: Unocal #6419		
Site Facility Address: 6401 Dublin Boulevard, Dublin, CA 94568		
RB Case No.: 01-1568	STID No.: 2096	LOP Case No.: RO0000459
URF Filing Date: ---	Geotracker ID: T0600101443	APN: 941-2831-1-2
Current Land Use: Commercial		

Responsible Parties	Addresses	Phone Numbers
Angelo Gaspare Trust	PO Box 1539 Paso Robles, CA 93447-1539	---
Ed Ralston	Phillips 66 76 Broadway Street Sacramento, CA 95818	(916) 558-7633
Walter Sprague	Pacific Convenience & Fuels 7180 Koll Center Parkway, Suite 100 Pleasanton, CA 94566	(925) 931-5780
Dave Dewitt	TOSCO 2000 Crow Canyon Place, Suite 400 San Ramon, CA 94583	----
Union Oil Company of California c/o UNOCAL 76 Prop Tax	PO Box 7600 Los Angeles, CA 90051-0600	----

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	10,000	Unleaded Gasoline	Removed	9/7/1993
2	10,000	Unleaded Gasoline	Removed	9/7/1993
3	550	Waste Oil	Removed	9/7/1993
4	520	Waste Oil	Removed	9/1996
Piping			Removed	9/7/1993

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Release from underground storage tank (UST) system. No holes observed in USTs during removal. It is believed that contamination was caused by a leaking sub-pump(s) or product piping.		
Site characterization complete? Yes		
Monitoring wells installed? Yes	Number: 10	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 5.09 feet bgs	Lowest Depth: 13.37 feet bgs	Flow Direction: Typically towards the southwest
Most Sensitive Current Groundwater Use: Potential drinking water source		

Summary of Production Wells in Vicinity: On July 3, 2007, a well survey conducted of Department of Water Resources (DWR) and Zone 7 Water Agency records found four water supply wells within one-half mile of the site: three water supply wells located approximately 1,940 feet east, 2,175 feet north, and 2,070 feet northwest; one abandoned water supply well located approximately 2,440 feet west-southwest.	
Are drinking water wells affected? No	Aquifer Name: Dublin Subbasin of Livermore-Amador Groundwater Basin
Is surface water affected? No	Nearest Surface Water Name: <i>South San Ramon Creek, an unnamed canal, and the Chabot Canal are located approximately 2,145 feet northwest, 625 feet southwest, and 1,650 feet east of the site, respectively.</i>
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Free Product	----	----	----
Soil	850 yd ³	Approximately 750 yd ³ of the soil was disposed of at Vasco Road Landfill in Livermore, CA; the remaining 100 yd ³ was disposed of at Forward, Inc. Landfill in Stockton, CA.	9/7/1993
Groundwater	1) 19,000-gal 2) 649,600-gal	1) The water was extracted from the fuel tank pit in 7,000-gallon and 12,000-gallon increments. The water was disposed of at the PRC Patterson, Inc. facility in Patterson, CA. 2) Groundwater was purged from well tank pit well TPW-1 and disposed of at the ConocoPhillips Refinery in Rodeo, CA.	1) 9/10/1993 & 9/14/1993 2) 12/23/1999 to 12/24/2002

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	150 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	Decreasing	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	1,475 feet North (upgradient)	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	625 feet southwest (downgradient)	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Not applicable	Not applicable	Not applicable	Yes	Not applicable

GROUNDWATER CONCENTRATIONS

Constituent	Historic Site Maximum (ppb)	Current Site Maximum (ppb)	LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Benzene	130	<0.5	No criteria	3,000	No criteria	1,000
MTBE	140,000	9.1	No criteria	1,000	No criteria	1,000
<i>List other chemicals of specific concern</i>						

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?

Yes

LTCP VAPOR SPECIFIC CRITERIA

LTCP Vapor Specific Scenario under which case was closed: Active fueling station exempt from vapor specific criteria

Active Fueling Station Active as of 1972

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	>5 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	<9.7 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm	<100 ppm
Maximum Current Benzene Concentration in Groundwater	<0.5 ppb	No criteria	No criteria	<100 ppb	≥100 and <1,000 ppb	<1,000 ppb	No criteria
Oxygen Data within Bioattenuation Zone	----	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 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, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?

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?

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.

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	0.15	0.05	0.15	0.05	0.15
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	0.36	0.28	0.36	0.28	0.36
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, are they less than levels from a site-specific risk assessment?

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

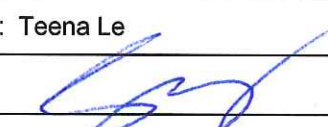

IV. CLOSURE

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, closure of this site appears to be consistent with the policies established by the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy which became effective on August 17, 2012.		
Site Management Requirements:		
Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Based on this evaluation, no site management requirements appear to be necessary. However, 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.		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: ----
Monitoring Wells Decommissioned: Yes	Number Decommissioned: 10	Number Retained: 0

V. ADDITIONAL COMMENTS AND CONCLUSION

<p>Additional Comments:</p> <p>The site does not appear to meet scenarios 1, 2, 3, or 4 of the groundwater media-specific criteria for closure under the LTCP because an unnamed canal is approximately 625 feet southwest of the site. However, ACEH believes case closure is appropriate under scenario 5 of the LTCP based on the following site-specific conditions:</p> <ol style="list-style-type: none"> 1. The plume is stable or decreasing in size for a minimum of 5 years. 2. The plume is less than 250 feet in length. 3. There is no free product. 4. The dissolved concentration of MTBE is less than 1,000 ppb. 5. No water supply wells are within 1,000 feet of the plume boundary. 6. Based on the age of the plume, site hydrogeology, and apparent stability of the plume, the potential for the plume to pose a threat to the canal appears to be low. <p>[Naphthalene and PAH were not analytes in shallow soil samples. However, since the release at the site consisted primarily of gasoline and benzene and ethylbenzene concentrations in shallow soil do not exceed media-specific criteria for direct contact, naphthalene and PAH concentrations in shallow soil are not likely to exceed the LTCP media-specific criteria.]</p> <p>Conclusion:</p> <p>Alameda County Environmental Health staff believes that the site meets the conditions for case closure under the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy. Based upon the information available in our files to date, no further investigation or cleanup for the fuel leak case is necessary at this time.</p>
--

VI. LOCAL AGENCY REPRESENTATIVE DATA


Prepared by: Teena Le	Title: Hazardous Materials Technician
Signature: 	Date: 03.03.14
Approved by: Dilan Roe	Title: LOP, SCP, and Land Use Program Manager
Signature: 	Date: 03/03/2014

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.

VII. REGIONAL BOARD AND PUBLIC NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Regional Board Notification Date: 07/10/2013	
Public Notification Date: 07/10/2013	

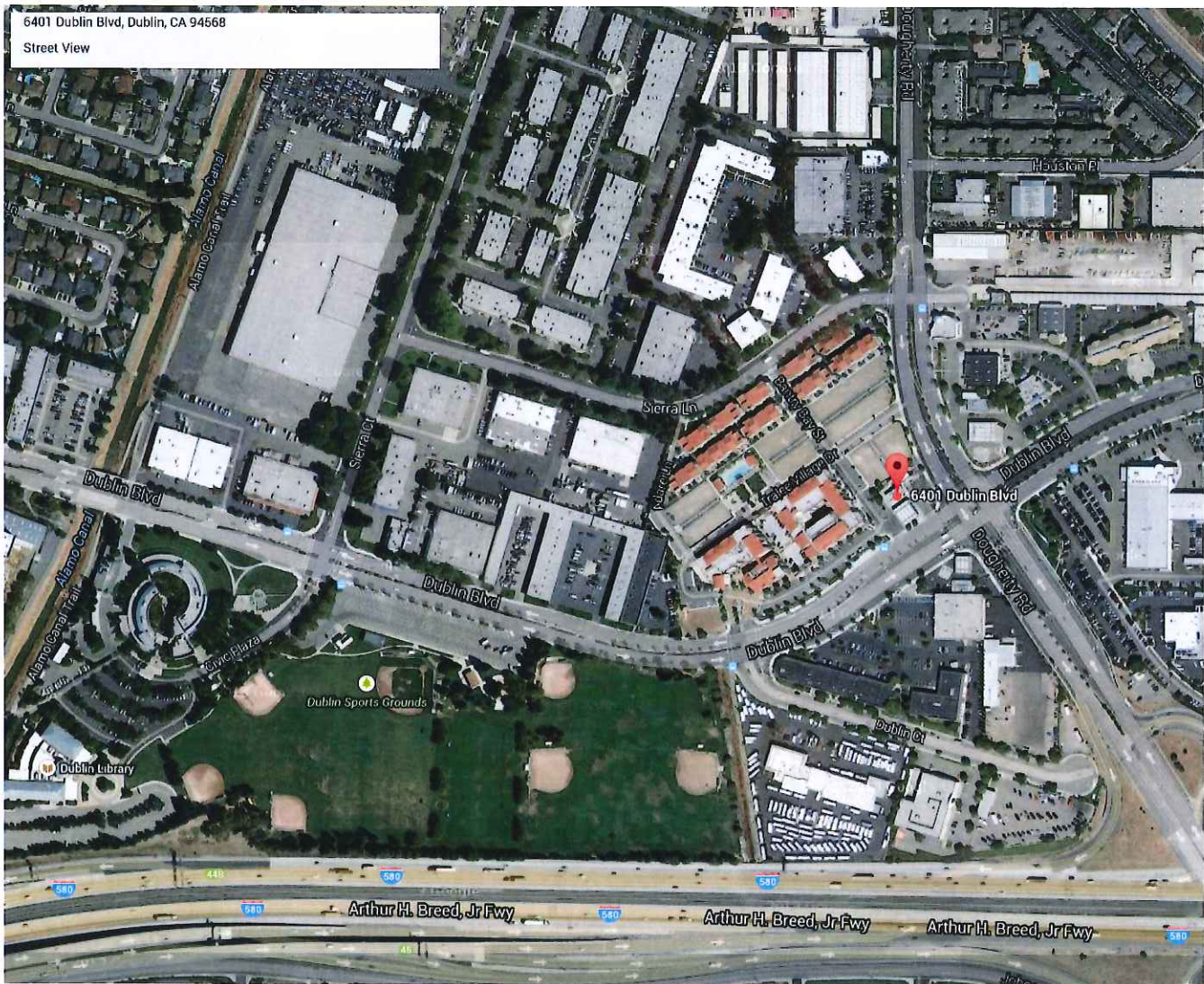
VIII. MONITORING WELL DECOMMISSIONING

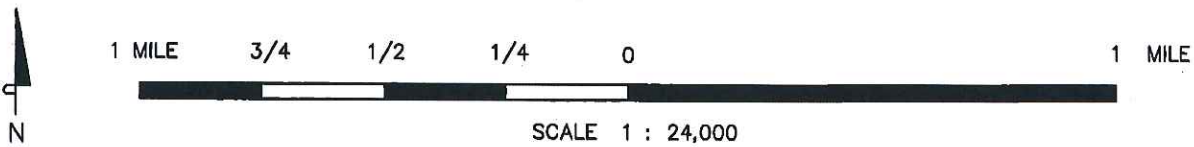
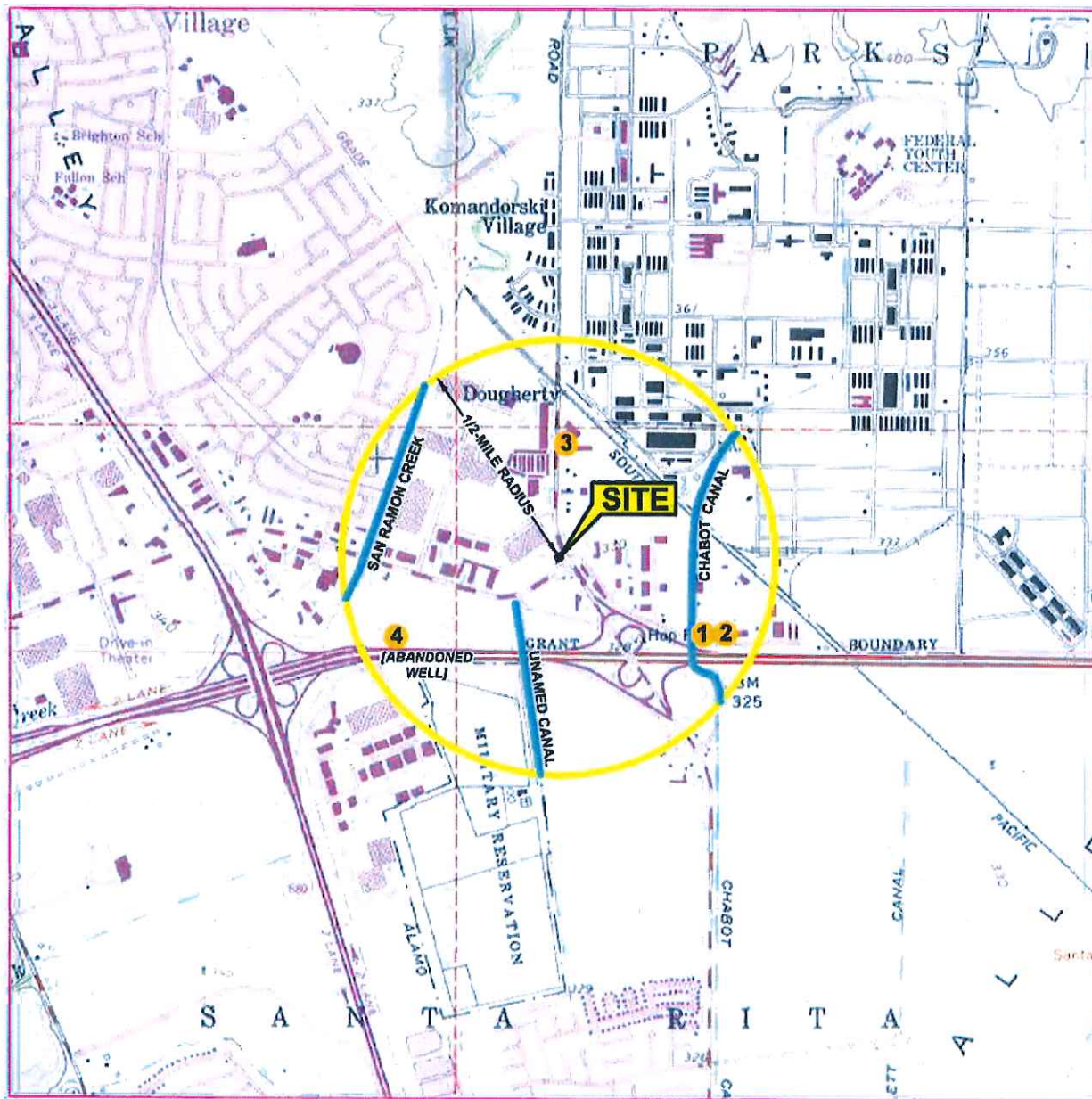
Date Requested by ACEH: 09/17/2013	Date of Well Decommissioning Report: 10/13/2013	
All Monitoring Wells Decommissioned: Yes	Number Decommissioned: 10	Number Retained: 0
Reason Wells Retained: ----		
Additional requirements for submittal of groundwater data from retained wells: ----		
ACEH Concurrence - Signature: 	Date: 3/3/2014	

Attachments:

1. Site Vicinity Map and Aerial Photo (2 pp)
2. Site Plan (1 p)
3. Groundwater Contour and Chemical Concentration Maps (3 pp)
4. Soil and Soil Vapor Analytical Data (7 pp)
5. Groundwater Analytical Data (12 pp)
6. Cross Sections (2 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.





SOURCE:
 United States Geological Survey
 7.5 Minute Topographic Maps:
 Dublin Quadrangle, California

LEGEND

① Water Supply Well

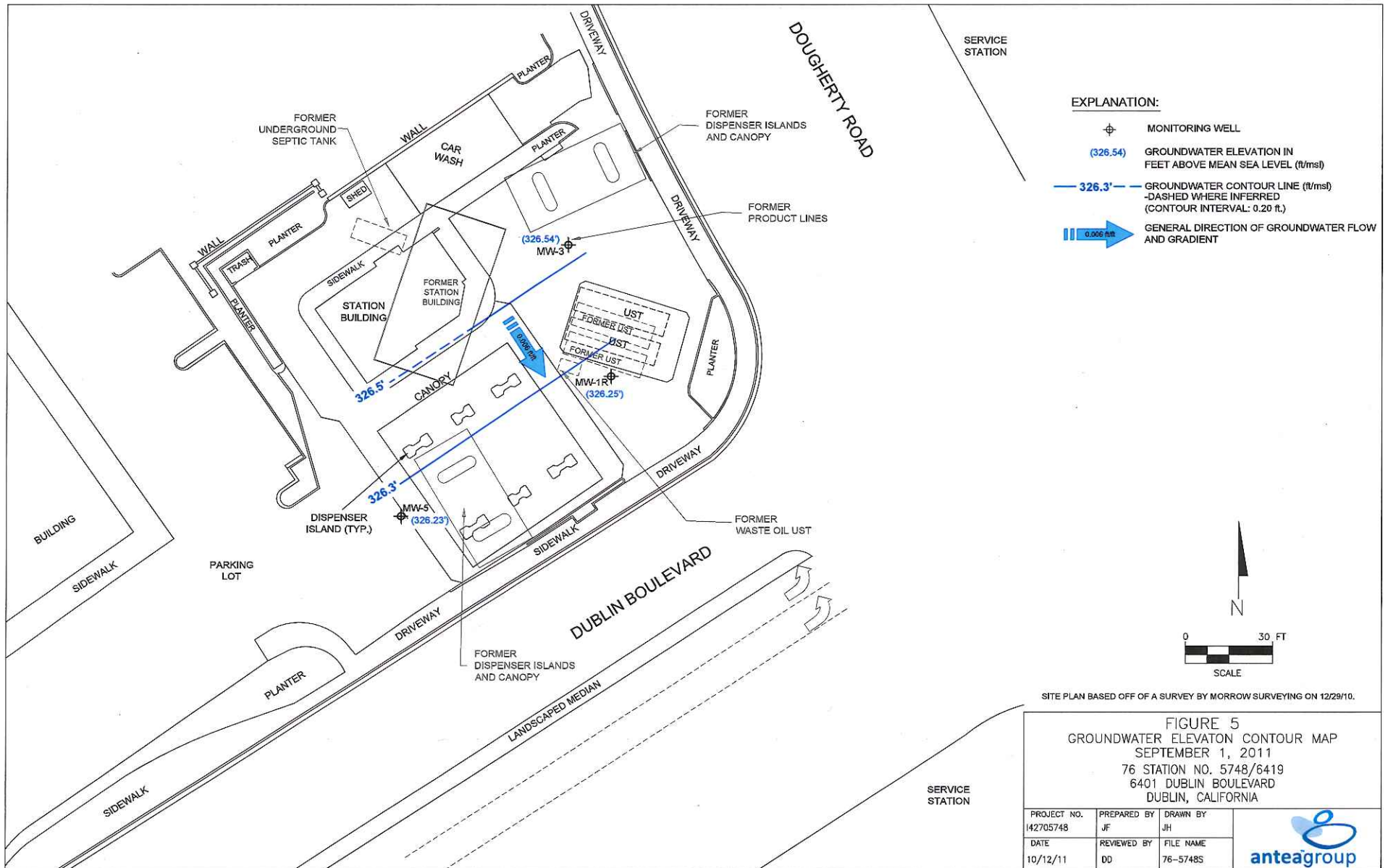


**SENSITIVE RECEPTORS WITHIN
 1/2-MILE RADIUS OF SITE**

76 Service Station #6419 (5748)
 6401 Dublin Boulevard
 Dublin, California



FIGURE 1



ATTACHMENT 3

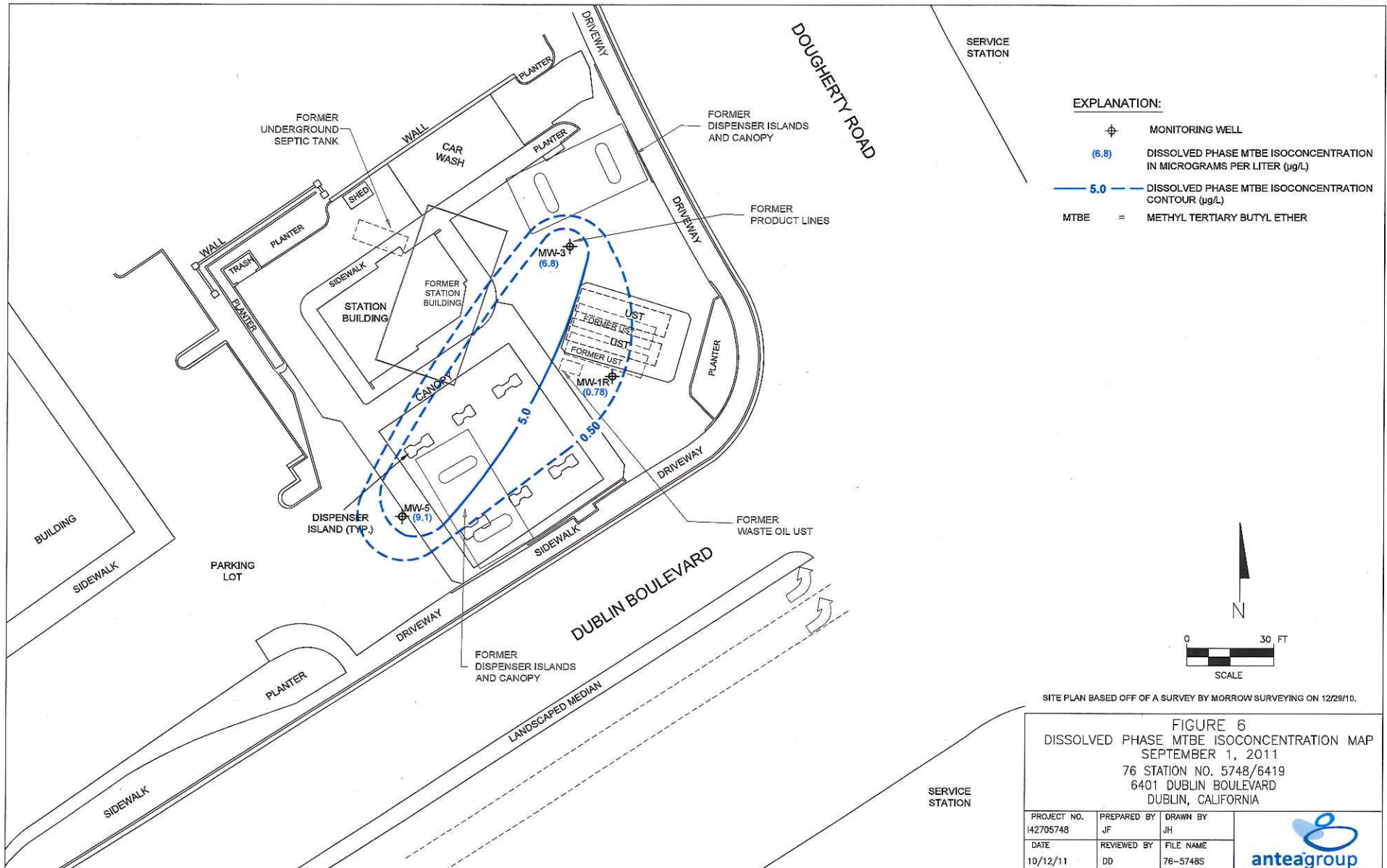
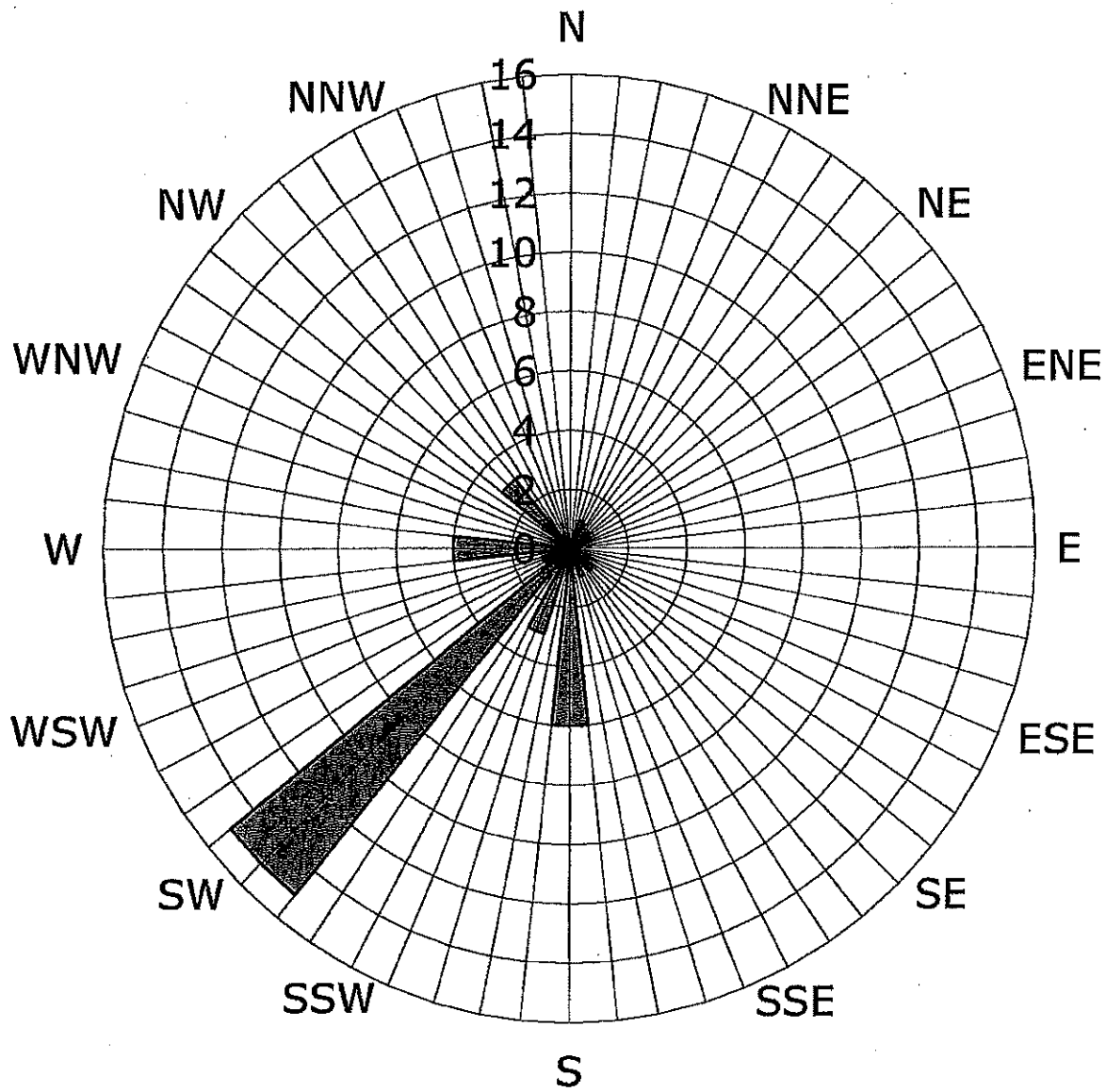


Figure 5
Historic Groundwater Flow Directions
76 Station No. 5748/6419
6401 Dublin Blvd.
Dublin, California



Legend
Groundwater flow directions are based
on data from third quarter 1994 to first
quarter 2011. 34 data points shown.

■ Groundwater Flow Direction

TABLE 1
HISTORICAL SOIL ANALYTICAL RESULTS
76 Station No. 5748/6419
6401 Dublin Blvd, Dublin, California

Sample ID	Date	Sample Depth (feet)	TPHg (mg/kg)	TPHg* (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Ethanol (mg/kg)	Lead (mg/kg)
D1	9/7/1993	2.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	14
D2	9/7/1993	2.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	6.4
D3	9/7/1993	2.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	6.2
D4	9/7/1993	2.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	6.2
D5	9/7/1993	5.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	6.3
D6	9/7/1993	5.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	9.8
D7	9/7/1993	5.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	6.1
D8	9/7/1993	5.5	<1.0	--	<0.005	<0.005	<0.005	0.03	--	--	4.8
P1	9/7/1993	3	<1.0	--	<0.005	0.0068	<0.005	0.012	--	--	6.4
P2	9/7/1993	3	<1.0	--	0.0073	0.012	<0.005	0.015	--	--	5
P3	9/7/1993	3	9.7	--	0.15	1.2	0.36	2.4	--	--	4.9
P4	9/7/1993	4.75	1.8	--	0.0061	0.012	0.066	0.053	--	--	6.8
P5	9/7/1993	7	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	6.3
P6	9/7/1993	6	<1.0	--	<0.005	0.011	0.048	0.032	--	--	17
P7	9/7/1993	6	2.4	--	<0.005	0.011	0.048	0.032	--	--	6.1
ST1	9/7/1993	10	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	6.8
ST2	9/7/1993	10	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	6.6
B1	9/8/1993	17	<1.0	--	0.0071	0.014	0.0072	0.026	--	--	5.9
B2	9/8/1993	15.5	1.2	--	0.017	0.01	0.13	0.017	--	--	7.3
SW1	9/8/1993	13.5	<1.0	--	<0.005	0.013	<0.005	0.019	--	--	6.2
SW2	9/8/1993	13.5	<1.0	--	0.0054	0.011	<0.005	0.012	--	--	6
SW3	9/8/1993	13.5	<1.0	--	0.005	0.011	0.0065	0.013	--	--	6.2
SW4	9/8/1993	13.5	2.6	--	0.11	0.28	0.067	0.34	--	--	6.5
SW5	9/8/1993	13.5	<1.0	--	0.0084	0.011	<0.005	0.021	--	--	6.8
WO1	9/8/1993	8	6.8	--	0.05	<0.005	0.28	0.02	--	--	6.3
MW1(5)	2/24/1994	5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW1(10)	2/24/1994	10	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW1(12)	2/24/1994	12	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW2(5)	2/25/1994	5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW2(10)	2/25/1994	10	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW2(12)	2/25/1994	12	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW2(17)	2/25/1994	17	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW3(5)	2/24/1994	5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW3(9.5)	2/24/1994	9.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW3(11)	2/24/1994	11	<1.0	--	<0.005	<0.005	<0.005	<0.005	--	--	--
MW4-6	5/10/1999	6	<1.0	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--
MW5-6	5/10/1999	6	<1.0	--	<0.005	<0.005	<0.005	<0.005	6	--	--
MW6-12	5/10/1999	12	<1.0	--	<0.005	<0.005	<0.005	<0.005	0.33	--	--
MW7-6	5/10/1999	6	<1.0	--	0.01	<0.005	<0.005	0.008	<0.05	--	--
MW-8(5.5)	9/28/2001	5.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--
MW-8(7.5)	9/28/2001	7.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--
MW-9(5.5)	9/28/2001	5.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--
MW-9(7.5)	9/28/2001	7.5	<1.0	--	<0.005	<0.005	<0.005	<0.005	<0.05	--	--
CPT-1d15	8/10/2011	15	--	<1.0	<0.005	<0.005	<0.005	<0.005	0.01	<0.05	4.7
CPT-1d35	8/11/2011	35	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	2.7
CPT-1d40	8/11/2011	40	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	3
CPT-2d22	8/12/2011	22	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	5.3
CPT-2d31	8/12/2011	31	--	<1.0	<0.005	<0.005	<0.005	<0.005	0.0059	<0.05	4.3
CPT-2d40	8/12/2011	40	--	<1.0	<0.005	<0.005	<0.005	<0.005	0.0074	<0.05	4.1

Notes:
 TPHg = total petroleum hydrocarbons as gasoline by EPA Method 8015
 TPHg* = total petroleum hydrocarbons as gasoline by CA LUFT
 BTEX = benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260B
 MTBE = methyl tertiary-butyl ether by EPA Method 8260
 mg/kg = milligrams per kilogram
 -- = not applicable
 < = below laboratory's indicated reporting limit
 Bold = above the laboratory's indicated reporting limit

KEI-P93-0401.R1
October 15, 1993

TABLE 2
SUMMARY OF LABORATORY ANALYSES
SOIL

<u>Date</u>	<u>Sample</u>	<u>Depth</u> <u>(feet)</u>	<u>TOG</u>	<u>TPH as</u> <u>Diesel</u>	<u>EPA</u> <u>Method 8010</u> <u>Constituents</u> <u>(ppb)</u>	<u>Cadmium</u>	<u>Chromium</u>	<u>Nickel</u>	<u>Zinc</u>
9/08/93	WO1	8.0	ND	ND	ND	1.0	30	42	42

ND = Non-detectable.

Results in parts per million (ppm), unless otherwise indicated.



SEQUOIA ANALYTICAL

1800 Bates Avenue • Suite LM • Concord, California 94620
 (510) 888-8800 • FAX (510) 888-8888

Kaprelian Engineering, Inc. 2401 Stinwell Dr., Ste. 400 Concord, CA 94620 Attention: Avo Avedadaran	Client Project ID: Sample Descript: Analysis Method: Lab Number:	Union #6418, 6401 Dublin Blvd., Dublin Soil, WC1 EPA 5030/8010 308-0309	Sampled: Sep 8, 1989 Received: Sep 8, 1989 Analyzed: Sep 14, 1989 Reported: Sep 16, 1989
--	---	--	---

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
o-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethane	5.0	N.D.
trans-1,2-Dichloroethane	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropane	5.0	N.D.
trans-1,3-Dichloropropane	5.0	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethane	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethane	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Alan B. Kamp
 Alan B. Kamp
 Project Manager

**TABLE 1
SUMMARY OF WELL INFORMATION**

76 Service Station # 6419
6401 Dublin Boulevard
Dublin, California

TRC Well Number	Owner	Well Use	Well Total Depth (fbg)	Screened Interval (ft)	Depth to Water (fbg)	Date Installed	Approximate Distance From Site (ft)	Direction from Site
1	Bay Automotive	Water Supply	192	180-186	NA	11/7/1962	1,940	SE
2	Security Storage	Water Supply	305	285-292	NA	4/8/1971	2,175	SE
3	American Freight Lines	Water Supply	65	NA	NA	NA	1,475	N
4	Frank Terra	Water Supply	35	NA	NA	NA	2,240	WSW

Notes: NA = Not Available
fbg = feet below grade

**TABLE 2
SAMPLE RESULTS
SOIL VAPOR EXTRACTION TEST
Tasco 76 Service Station #6419
6401 Dublin Boulevard
Dublin, California**

Well No.	Date	Time	Sample ID	B	T	E	X	TPPHg	MTBE	TPPHg removed in lbs.	MTBE removed in lbs.	
				micrograms per liter								
MW1	7/20/98	7:15	Start Test									
	7/20/98	9:15	A-INF 1	16	<0.050	<0.050	1.6	300	1,700	0	0	
	7/20/98	6:15	A-INF 2	4.3	<0.050	2.0	2.2	<10	710	0.45	3.5	
	7/23/98	15:00	A-INF 3	0.2	<0.10	<0.10	<0.10	10	47	0.08	1.0	
									Total lbs removed each:		0.53	6.5
Additional Sampling:									Total lbs of TPPHg and MTBE removed:		7.03	
NA	7/21/98	12:15	A-INT 87	46	4.9	0.90	2.7	650	1,700			
Additional Analyses by 8260: Carbon tetrachloride 11; MTBE 1,700; Butane 15,000; Pentane 1,700; Hexane, 2-methyl 15,000; Pentane, 2-methyl 15,000; Cyclopentane 180; Pentane, 2,4-dimethyl 270; Cyclopentane, methyl 420; Butane, 2,2,3,3-tetramethyl 370.												
NA	7/21/98	12:15	A-INT 92	110	96	2.6	15	1,300	3,800			
Additional Analyses by 8260: Benzene 46; MTBE 5,000; Toluene 62; Butane 20,000; Pentane 3,200; 2-Butend, (E) 410; 2-Butene, 2-methyl 240; Cyclopentane 420; Pentane, 2,4-dimethyl 750; Cyclopentane, methyl 920; Butane, 2,2,3,3-tetramethyl 1,000; Butane, 2,3 dimethyl 6,000; Hexane, 2-methyl 250; Pentane, 2,3,3-trimethyl 310.												

- Notes:
- TPPHg = Total purgeable petroleum hydrocarbons as gasoline analyzed using EPA method 8015.
 - BTEX = Benzene, Toluene, Ethylbenzene, and total Xylenes using EPA method 8020
 - MTBE = Methyl Tertiary Butyl Ether using EPA method 8020
 - < = Less than the stated laboratory detection limit
 - A-INF 1 = Air sample collected from MW1 prior to blower and carbon treatment
 - A-INF 2 = Air sample collected from MW1 prior to blower and carbon treatment
 - A-INF 3 = Air sample collected from MW1 prior to blower and carbon treatment
 - A-INT 87 = Air sample collected from the interstitial space between the 87 octane (Regular Unleaded) UST walls using EPA method 8015/8020 and 8260
 - A-INT 92 = Air sample collected from the interstitial space between the 92 octane (Super Unleaded) UST walls using EPA method 8015/8020 and 8260

TABLE 2
ANALYTICAL RESULTS OF SOIL VAPOR SAMPLES
 Tosco 76 Service Station 6419
 6401 Dublin Boulevard
 Dublin, California
 (Page 1 of 1)

Extraction Well	Date	Time	Sample ID	B	T	E	X	TPPHg	MTBE	TPPHg*	MTBE*
				<-----µg/l----->						lbs.	lbs.
MW1	7/26/99	9:00	A-INF-MW1	25	3.8	0.86	2.2	650	950		
MW2	7/26/99	9:10	A-INF-MW2	0.27	ND	0.20	1.6	11	0.48		
MW3	7/26/99	9:20	A-INF-MW3	0.25	ND	0.13	1.0	ND	ND		
MW1	7/26/99	10:30	A-INF-1030	19	2.3	ND	2.4	420	930	0.7	1.4
		17:45	A-INF-1745	8.5	0.97	ND	1.0	170	370		
MW1	7/27/99	7:00	A-INF-700	11	1.0	ND	ND	240	1,300	0.6	2.7
		17:30	A-INF-1730	4.6	0.36	ND	ND	100	310		
MW1	7/28/99	7:00	A-INF-700	4.8	ND	ND	ND	110	93	0.3	0.3
		17:30	A-INF-1730	3.4	ND	ND	ND	72	83		
Total pounds removed during SVE testing:										1.6	4.4
Total pounds of TPPHg and MTBE removed										6.0	

- Notes:
- Time = Time is presented using a 24-hour clock.
 - A-Inf-MW1 = Influent air sample collected while extracting from MW1.
 - TPPHg = Total purgeable petroleum hydrocarbons as gasoline analyzed using EPA method 8015.
 - BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA method 8020.
 - MTBE = Methyl tertiary butyl ether analyzed using EPA method 8260.
 - µg/l = Micrograms per liter.
 - * = Pounds removed calculated using ERI'S standard operating procedure (SOP) 25 "Hydrocarbon Removal From a Vadose Well (Attachment B).
 - lbs. = Pounds
 - ND = Not detected at or above the laboratory detection limit.

TABLE 1
VAPOR EXTRACTION
FIELD DATA
Tosco 76 Service Station #6419
6401 Dublin Boulevard
Dublin, California

Date	Time	PID	Flow	MW1	MW2	MW3	Notes:
7/20 through 7/23 1998	(Min)	(ppmv)	(SCFM)	(EW)	(40.0')	(46.2')	
<-----Vacuum (Inches of H2O)----->							
7/20/98	1	335	71.9	22.0	5.60	1.2	
	120	556	70.6	19.5	3.20	0.21	
	180	514	68.5	19.5	1.60	0.15	
	300	426	68.5	19.5	0.65	0.11	
	420	334	70.1	19.0	0.55	0.13	
	660	284	72.6	19.5	0.50	0.09	
7/21/98	1	365	79.2	18.0	0.60	0.17	Use pressure testing
	120	384	76.2	17.0	0.70	0.14	Began 120 minutes
	180	299	76.2	17.0	0.70	0.10	after system start-up.
	300	260	76.2	17.0	0.70	0.11	
	420	297	76.2	17.0	0.70	0.11	
	660	291	77.3	17.0	<0.05	<0.05	Recalibrate gauges.
7/22/98	1	222	80.8	18.0	0.60	<0.05	
	120	293	77.4	16.5	0.60	3.30	
	180	236	76.3	17.0	0.00	1.40	
	300	227	76.3	17.0	0.00	<0.05	
	420	207	76.9	16.5	0.00	0.00	
	660	223	77	16.50	0.00	0.00	
7/23/98	1	151	80	17.50	0.00	0.00	
	120	165	77	16.50	0.00	<0.05	
	180	129	77	16.50	0.00	<0.05	
	300	132	77	17.00	0.00	0.00	
	420	119	76	16.50	0.00	0.00	
	660	111	76	16.50	0.00	0.00	

Notes:

(Min) = Minutes
 (ppmv) = Parts per million by volume as recorded in the field using a photoionization detector.
 (SCFM) = Standard cubic feet per minute
 (EW) = Extraction Well
 (MW) = Monitoring Well
 (40') = Distance in feet from extraction well to monitoring well.
 PID = Photoionization device

TABLE 4

HISTORICAL GRAB-GROUNDWATER ANALYTICAL RESULTS

76 Station No. 5748/6419
6401 Dublin Blvd, Dublin, California

Sample ID	Date	Sample Depth	TPHg ($\mu\text{g/L}$)	TPHd ($\mu\text{g/L}$)	Benzene ($\mu\text{g/L}$)	Toluene ($\mu\text{g/L}$)	Ethyl-benzene ($\mu\text{g/L}$)	Total Xylenes ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	Ethanol ($\mu\text{g/L}$)
W1	9/10/1993	15	2,600	530	33	19	150	190	--	--
W2	9/14/1993	12	740	--	14	32	13	75	--	--
CPT-1d40W	8/10/2011	40	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
CPT-2d33W	8/12/2011	33	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0

Notes:
 TPHg = total petroleum hydrocarbons as gasoline by EPA Method 8015
 TPHd = total petroleum hydrocarbons as diesel by EPA Method 8015
 BTEX = benzene, toluene, ethyl-benzene, total xylenes by EPA Method 8260
 MTBE = methyl tertiary-butyl ether by EPA Method 8260
 1,2-DCA = 1,2-Dichlorethane by EPA Method 8260
 $\mu\text{g/L}$ = micrograms per liter
Bold = Above laboratory's indicated reporting limit
 < = Below laboratory's indicated reporting limits
 -- = not applicable

KEI-P93-0401.R1
 October 15, 1993

TABLE 3
 SUMMARY OF LABORATORY ANALYSES
~~WATER~~

<u>Date</u>	<u>Sample</u>	<u>Depth to Water (feet)</u>	<u>TPH as Gasoline</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-benzene</u>	<u>Xylenes</u>	<u>TPH as Diesel</u>	<u>TOG (ppm)</u>	<u>EPA Method 8010 Constituents</u>
9/10/93	W1	15	2,600	33	19	150	190	530*	ND	ND
9/14/93	W2	12	740	14	32	13	75	--	--	--

<u>Sample</u>	<u>Cadmium (ppm)</u>	<u>Chromium (ppm)</u>	<u>Lead (ppm)</u>	<u>Nickel (ppm)</u>	<u>Zinc (ppm)</u>
W1	0.014	0.28 = 280 ppb	0.018	0.46	0.46

DAS-MCL
 primary drinking (ppb)

1.0

50

50

100

(EPA)

5,000

(2nd MCL)

ND = Non-detectable.

* Sequoia Analytical Laboratory reported that the total extractable hydrocarbons detected appeared to consist of a diesel and non-diesel mixture.

Results are in parts per billion (ppb), unless otherwise indicated.

TABLE 1
ANALYTICAL RESULTS OF GROUNDWATER SAMPLES
 Tosco 76 Service Station 6419
 6401 Dublin Boulevard
 Dublin, California
 (Page 1 of 1)

Extraction Well	Date	Time	Sample ID	TPPHg	MTBE	B	T	E	X
				<.....µg/l.....>					
MW1	7/26/99	09:00:00	W-6-MW1	ND	95.000	93	ND	41	96
MW2	7/26/99	09:10:00	W-6-MW2	ND	71	ND	ND	ND	ND
MW3	7/26/99	09:20:00	W-6-MW3	ND	590	ND	ND	ND	ND

Notes:

- Time = Time is presented using a 24-hour clock.
- W-6-MW1 = Water sample collected from groundwater monitoring well MW3.
- TPPHg = Total purgeable petroleum hydrocarbons as gasoline analyzed using EPA method 5030/8015 modified.
- BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA method 5030/8020.
- MTBE = Methyl tertiary butyl ether analyzed using EPA method 8260.
- µg/l = Micrograms per liter.
- ND = Not detected at or above the stated laboratory detection limit.

TABLE 3
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 76 Station No. 5748/6419
 6401 DUBLIN BLVD
 DUBLIN, CALIFORNIA



Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA														
		TDC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	DRO (ug/L)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW80218) (ug/L)	MTBE (SW82608) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)
MW-3	8/2/1999	330.49	6.95	NP	323.54	--	ND	ND	ND	ND	ND	140	--	--	--	--	--	--	--	--
	2/11/2000	330.49	6.71	NP	323.78	--	ND	ND	ND	ND	ND	46	--	--	--	--	--	--	--	--
	7/26/2000	330.60	7.35	NP	323.25	--	ND	ND	ND	ND	ND	927	--	--	--	--	--	--	--	--
	2/2/2001	330.60	7.17	NP	323.43	--	ND	ND	ND	ND	ND	2240	--	--	--	--	--	--	--	--
	5/16/2001	330.60	NG	NG	NG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/24/2001	330.60	7.88	NP	322.72	--	<50	<0.50	<0.50	<0.50	<0.50	2500	--	--	--	--	--	--	--	--
	10/11/2001	330.59	7.83	NP	322.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/6/2002	330.59	6.73	NP	323.86	--	<1000	<10	<10	<10	<10	4300	3300	<33	<33	<33	<670	<17000	<33	<33
	7/30/2002	330.59	7.38	NP	323.21	--	<2500	<25	<25	<25	<50	--	4900	--	--	--	--	--	--	--
	2/17/2003	330.59	6.49	NP	324.10	--	<2500	<25	<25	<25	<50	--	4400	--	--	--	--	--	--	--
	8/18/2003	330.59	6.70	NP	323.89	--	4400	<20	<20	<20	<40	--	3300	--	--	--	--	--	<20000	--
	2/24/2004	330.59	6.11	NP	324.48	--	<2500	<25	<25	<25	<50	--	9000	--	--	--	--	--	<25000	--
	9/17/2004	330.59	7.51	NP	322.98	--	<1300	<13	<13	<13	<25	--	2300	--	--	--	--	--	<1300	--
	3/22/2005	330.59	5.79	NP	324.80	--	<1300	<0.50	<0.50	<0.50	<1.0	--	1600	--	--	--	--	--	<1300	--
	9/29/2005	330.59	9.24	NP	321.35	--	690	<0.50	<0.50	<0.50	<1.0	--	1600	--	--	--	--	--	<250	--
	1/9/2006	330.59	7.74	NP	322.85	--	410	<0.50	<0.50	<0.50	<1.0	--	1200	--	--	--	--	--	<250	--
	9/27/2006	330.59	8.54	NP	322.05	--	780	<5.0	<5.0	<5.0	<5.0	--	1500	--	--	--	--	--	<2500	--
	3/29/2007	330.59	8.82	NP	321.77	--	230	<0.50	<0.50	<0.50	<0.50	--	230	--	--	--	--	--	<250	--
	9/21/2007	330.59	9.38	NP	321.21	--	140	<0.50	<0.50	<0.50	<0.50	--	160	--	--	--	--	--	<250	--
	3/2/2008	330.59	7.08	NP	323.51	--	84	<0.50	<0.50	<0.50	<1.0	--	98	--	--	--	--	--	<250	--
	9/2/2008	330.59	7.84	NP	322.75	--	<50	<0.50	<0.50	<0.50	<1.0	--	50	--	--	--	--	--	<250	--
	8/6/2009	330.59	5.85	NP	324.74	--	<50	<0.50	<0.50	<0.50	<1.0	--	43	--	--	--	--	--	<250	--
	8/21/2009	330.59	8.04	NP	322.55	--	<50	<0.50	<0.50	<0.50	<1.0	--	33	--	--	--	--	--	<250	--
	3/10/2010	330.59	6.43	NP	324.16	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	16.7	--	--	--	--	--	<250	--
	9/24/2010	330.59	8.02	NP	322.57	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	23.5	--	--	--	--	--	<250	--
	3/8/2011	333.40	6.62	NP	326.78	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	19.5	--	--	--	--	--	<250	--
9/1/2011	333.40	6.86	NP	326.54	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	6.8	--	--	--	--	--	<250	--	
MW-4	5/21/1999	330.36	6.43	NP	323.93	--	ND	ND	ND	ND	ND	960	910	--	--	--	--	--	--	
	8/2/1999	330.36	7.34	NP	323.02	--	ND	10	ND	13	11	ND	--	--	--	--	--	--	--	
	2/11/2000	330.36	6.92	NP	323.44	--	ND	ND	ND	ND	ND	2700	--	--	--	--	--	--	--	
	7/26/2000	330.35	7.68	NP	322.67	--	ND	ND	ND	ND	ND	3710	--	--	--	--	--	--	--	
	2/2/2001	330.35	7.40	NP	322.95	--	ND	ND	ND	ND	ND	5340	--	--	--	--	--	--	--	--
	8/24/2001	330.35	8.14	NP	322.21	--	<50	<0.50	<0.50	<0.50	<0.50	7800	--	--	--	--	--	--	--	--
	10/11/2001	330.35	8.29	NP	322.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/6/2002	330.35	7.28	NP	323.07	--	<100	<1.0	<1.0	<1.0	<1.0	2300	3100	<25	<25	<25	<500	<12000	<25	<25
	7/30/2002	330.35	7.76	NP	322.59	--	<500	<5.0	<5.0	5.8	<10	--	1600	--	--	--	--	--	--	--
	2/17/2003	330.35	6.85	NP	323.50	--	<1000	<10	<10	<10	<20	--	2200	--	--	--	--	--	--	--
	8/18/2003	330.35	7.30	NP	323.05	--	2000	<10	<10	<10	<20	--	1400	--	--	--	--	--	<10000	--
	2/24/2004	330.35	6.55	NP	323.80	--	<2000	<20	<20	<20	<40	--	2000	--	--	--	--	--	--	--
	9/17/2004	330.35	8.00	NP	322.35	--	340	<2.5	<2.5	<2.5	<5.0	--	610	--	--	--	--	--	<250	--
	3/22/2005	330.35	6.37	NP	323.98	--	<200	<0.50	<0.50	<0.50	<1.0	--	290	--	--	--	--	--	<200	--
9/29/2005	330.35	9.43	NP	320.92	--	84	<0.50	<0.50	0.53	<1.0	--	57	--	--	--	--	--	<250	--	
1/9/2006	330.35	7.97	NP	322.38	--	100	<0.50	<0.50	1.5	<1.0	--	150	--	--	--	--	--	<250	--	
9/27/2006	330.35	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD
5/21/1999	330.20	5.99	NP	324.21	--	ND	ND	ND	ND	ND	ND	33	--	--	--	--	--	--	--	
8/2/1999	330.20	6.83	NP	323.37	--	ND	ND	ND	ND	ND	ND	230	--	--	--	--	--	--	--	
2/11/2000	330.20	6.34	NP	323.86	--	ND	ND	ND	ND	ND	ND	98	--	--	--	--	--	--	--	
7/26/2000	330.20	7.05	NP	323.14	--	ND	ND	ND	ND	ND	ND	25.9	--	--	--	--	--	--	--	
2/2/2001	330.20	6.81	NP	323.39	--	ND	ND	ND	ND	ND	ND	18	--	--	--	--	--	--	--	
8/24/2001	330.20	7.60	NP	322.60	--	<50	<0.50	<0.50	<0.50	<0.50	18	--	--	--	--	--	--	--	--	
10/11/2001	330.18	7.34	NP	322.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/6/2002	330.18	6.55	NP	323.83	--	<50	<0.50	<0.50	<0.50	<0.50	7.7	7.9	<1.0	<1.0	<1.0	<20	<500	<1.0	<1.0	
7/30/2002	330.18	7.15	NP	323.03	--	<50	<0.50	<0.50	<0.50	<1.0	--	4.6	--	--	--	--	--	--	--	
2/17/2003	330.18	6.27	NP	323.91	--	<50	<0.50	<0.50	<0.50	<1.0	--	2.8	--	--	--	--	--	--	--	
8/18/2003	330.18	6.57	NP	323.61	--	75	<0.50	<0.50	<0.50	<1.0	--	3.8	--	--	--	--	--	<500	--	
2/24/2004	330.18	5.88	NP	324.30	--	<50	<0.50	<0.50	<0.50	<1.0	--	3.3	--	--	--	--	--	<500	--	

TABLE 3
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 76 Station No. 5748/6419
 6401 DUBLIN BLVD
 DUBLIN, CALIFORNIA



Well I.D.	Date	GROUNDWATER GAUGING DATA				GROUNDWATER ANALYTICAL DATA															
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	DRO (ug/L)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW80218) (ug/L)	MTBE (SW82609) (ug/L)	DIFE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	
MW-5	9/17/2004	330.18	7.41	NP	322.77	--	<50	<0.50	<0.50	<0.50	1.4	--	6.0	--	--	--	--	--	--	--	
	3/22/2005	330.18	5.58	NP	324.60	--	<50	<0.50	<0.50	<0.50	<1.0	--	5.8	--	--	--	--	--	--	--	
	9/29/2005	330.18	9.42	NP	320.76	--	<50	<0.50	<0.50	<0.50	<1.0	--	7.8	--	--	--	--	<250	--	--	
	1/9/2006	330.18	7.93	NP	322.25	--	<50	<0.50	<0.50	<0.50	<1.0	--	14	--	--	--	--	--	<250	--	--
	9/27/2006	330.18	8.60	NP	321.58	--	300	<0.50	<0.50	<0.50	<0.50	--	860	--	--	--	--	--	<250	--	--
	3/29/2007	330.18	8.82	NP	321.36	--	520	<0.50	<0.50	<0.50	<0.50	--	690	--	--	--	--	--	<250	--	--
	9/21/2007	330.18	9.66	NP	320.52	--	300	<0.50	<0.50	<0.50	<0.50	--	490	--	--	--	--	--	<250	--	--
	3/27/2008	330.18	7.12	NP	323.06	--	580	<0.50	<0.50	<0.50	<1.0	--	1400	--	--	--	--	--	<250	--	--
	9/2/2008	330.18	7.70	NP	322.48	--	360	<0.50	<0.50	<0.50	<1.0	--	840	--	--	--	--	--	<250	--	--
	3/6/2009	330.18	5.79	NP	324.39	--	240	<0.50	<0.50	<0.50	<1.0	--	480	--	--	--	--	--	<250	--	--
	8/21/2009	330.18	7.90	NP	322.28	--	260	<0.50	<0.50	<0.50	<1.0	--	310	--	--	--	--	--	<250	--	--
	3/10/2010	330.18	6.30	NP	323.86	--	94.8	<0.50	<0.50	<0.50	<1.5	--	144	--	--	--	--	--	<250	--	--
	9/24/2010	330.18	7.93	NP	322.25	--	169	<0.50	<0.50	<0.50	<1.5	--	209	--	--	--	--	--	<250	--	--
	3/8/2011	333.05	6.54	NP	326.51	--	94.6	<0.50	<0.50	<0.50	<1.5	--	116	--	--	--	--	--	<250	--	--
	9/1/2011	333.05	6.82	NP	326.23	--	<50.0	<0.50	<0.50	<0.50	<1.5	--	9.1	--	--	--	--	--	<250	--	--
	5/21/1999	330.49	6.24	NP	324.25	--	ND	ND	ND	ND	ND	2200	2300	<8.3	<8.3	<8.3	<170	--	--	--	--
	8/2/1999	330.49	7.10	NP	323.39	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
	2/11/2000	330.49	6.60	NP	323.89	--	ND	ND	ND	ND	ND	2500	--	--	--	--	--	--	--	--	--
7/26/2000	330.49	7.31	NP	323.18	--	ND	ND	ND	ND	ND	4280	--	--	--	--	--	--	--	--	--	
2/2/2001	330.49	7.02	NP	323.47	--	ND	ND	ND	ND	ND	1990	--	--	--	--	--	--	--	--	--	
8/24/2001	330.49	7.84	NP	322.85	--	<200	<2.0	<2.0	<2.0	<2.0	1100	--	--	--	--	--	--	--	--	--	
10/11/2001	330.47	8.03	NP	322.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/5/2002	330.47	6.78	NP	323.69	--	<50	<0.50	<0.50	<0.50	<0.50	610	680	<8.3	<8.3	<8.3	<170	<4200	<8.3	<8.3		
7/30/2002	330.47	7.40	NP	323.07	--	180	<0.50	<0.50	<0.50	<1.0	--	160	--	--	--	--	--	--	--	--	
2/17/2003	330.47	6.49	NP	323.98	--	<250	<2.5	<2.5	<2.5	<5.0	--	400	--	--	--	--	--	--	--	--	
8/18/2003	330.47	6.81	NP	323.66	--	320	<1.0	<1.0	<1.0	<2.0	--	280	--	--	--	--	--	<1000	--	--	
2/24/2004	330.47	6.11	NP	324.36	--	130	<1.0	<1.0	<1.0	<2.0	--	200	--	--	--	--	--	<1000	--	--	
9/17/2004	330.47	7.64	NP	322.83	--	110	<1.0	<1.0	<1.0	<2.0	--	200	--	--	--	--	--	<100	--	--	
3/22/2005	330.47	5.81	NP	324.66	--	<50	<0.50	<0.50	<0.50	<1.0	--	88	--	--	--	--	--	<50	--	--	
9/29/2005	330.47	9.19	NP	321.28	--	110	<0.50	<0.50	<0.50	<1.0	--	140	--	--	--	--	--	<250	--	--	
1/9/2006	330.47	7.65	NP	322.82	--	100	<0.50	<0.50	<0.50	<1.0	--	160	--	--	--	--	--	<250	--	--	
9/27/2006	330.47	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	
5/21/1999	330.43	6.13	NP	324.30	--	ND	ND	ND	ND	ND	22	22	--	--	--	--	--	--	--	--	
8/2/1999	330.43	6.92	NP	323.51	--	ND	ND	ND	ND	ND	31	--	--	--	--	--	--	--	--	--	
2/11/2000	330.43	6.50	NP	323.93	--	ND	ND	ND	ND	ND	20	--	--	--	--	--	--	--	--	--	
7/26/2000	330.43	7.18	NP	323.25	--	ND	ND	ND	ND	ND	17.9	--	--	--	--	--	--	--	--	--	
2/2/2001	330.43	6.95	NP	323.48	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	
8/24/2001	330.43	7.72	NP	322.71	--	<50	<0.50	<0.50	<0.50	<1.0	4.4	--	--	--	--	--	--	--	--	--	
10/11/2001	330.41	7.87	NP	322.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
2/6/2002	330.41	6.62	NP	323.79	--	<50	<0.50	<0.50	<0.50	<0.50	3.9	3.2	1.4	<1.0	<1.0	<20	<500	<1.0	<1.0		
7/30/2002	330.41	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<1.0	--	4.3	--	--	--	--	--	--	--	--	
2/17/2003	330.41	NG	NG	NG	--	<50	<0.50	<0.50	<0.50	<1.0	--	4.7	--	--	--	--	--	--	--	--	
8/18/2003	330.41	6.64	NP	323.77	--	76	<0.50	<0.50	<0.50	<1.0	--	6.3	--	--	--	--	--	<500	--	--	
2/24/2004	330.41	6.01	NP	324.40	--	<50	<0.50	<0.50	<0.50	<1.0	--	6.2	--	--	--	--	--	<500	--	--	
9/17/2004	330.41	7.45	NP	322.96	--	<50	<0.50	<0.50	<0.50	<1.0	--	8.7	--	--	--	--	--	<50	--	--	
3/22/2005	330.41	5.73	NP	324.68	--	<50	<0.50	<0.50	<0.50	<1.0	--	9.4	--	--	--	--	--	<50	--	--	
9/29/2005	330.41	8.94	NP	321.47	--	<50	<0.50	<0.50	<0.50	<1.0	--	11	--	--	--	--	--	<250	--	--	
1/9/2006	330.41	7.43	NP	322.98	--	<50	<0.50	<0.50	<0.50	<1.0	--	7.6	--	--	--	--	--	<250	--	--	
9/27/2006	330.41	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	WD	
10/11/2001	329.97	7.57	NP	322.40	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<2.0	<2.0	<2.0	<2.0	<20	<500	<2.0	<2.0		
2/6/2002	329.97	6.35	NP	323.62	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<1.0	<1.0	<1.0	<1.0	<20	<500	<1.0	<1.0		
7/30/2002	329.97	6.95	NP	323.02	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	--	--	--	--	
2/17/2003	329.97	6.11	NP	323.86	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	--	--	--	--	
8/18/2003	329.97	6.33	NP	323.54	--	53	<0.50	<0.50	<0.50	<1.0	--	2	--	--	--	--	--	<500	--	--	
2/24/2004	329.97	13.37	NP	316.60	--	<50	<0.50	<0.50	<0.50	<1.0	--	<2.0	--	--	--	--	--	<500	--	--	
9/17/2004	329.97	7.23	NP	322.74	--	<50	<0.50	<0.50	<0.50	<1.0	--	4.0	--	--	--	--	--	<50	--	--	
3/22/2005	329.97	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	
10/11/2001	329.51	7.12	NP	322.39	--	<50	<0.50	<0.50	<0.50	<0.50	22	15	<2.0	<2.0	<2.0	<20	<500	<2.0	<2.0		

TABLE 3
 HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
 76 Station No. 5748/6419
 6401 DUBLIN BLVD
 DUBLIN, CALIFORNIA



Well I.D.	Date	GROUNDWATER GAUGING DATA					GROUNDWATER ANALYTICAL DATA														
		TOC Elevation (ft)	Depth to Water (ft)	LNAPL Thickness (ft)	Water Elevation* (ft)	DRO (ug/L)	GRO (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (SW80218) (ug/L)	MTBE (SW82608) (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	1,2-Dibromoethane (EDB) (ug/L)	1,2-Dichloroethane (ug/L)	
MW-9	2/6/2002	329.51	5.94	NP	323.57	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	19	14	<1.0	<1.0	<1.0	<20	<500	<1.0	<1.0
	7/30/2002	329.51	6.53	NP	322.98	--	<50	<0.50	<0.50	<0.50	<1.0	--	9	--	--	--	--	--	--	--	--
	2/17/2003	329.51	5.63	NP	323.88	--	<50	<0.50	<0.50	<0.50	<1.0	--	4.9	--	--	--	--	--	--	--	--
	8/18/2003	329.51	5.99	NP	323.52	--	57	<0.50	<0.50	<0.50	<1	--	6.2	--	--	--	--	--	<500	--	--
	2/24/2004	329.51	5.27	NP	324.24	--	<50	<0.50	<0.50	<0.50	<1.0	--	5.6	--	--	--	--	--	<500	--	--
	9/17/2004	329.51	6.80	NP	322.71	--	<50	<0.50	<0.50	<0.50	<1.0	--	4.8	--	--	--	--	--	<50	--	--
	3/22/2005	329.51	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD	ABD

Gauging Notes:

TOC - Top of Casing
 ft - Feet
 NP - LNAPL not present
 LNAPL - Light non-aqueous phase liquid
 * - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)
 ABD - Well Abandoned
 NG - Not gauged
 WD - Well Destroyed
 DRY - Well is dry
 -- No information available

Analytical Notes:

-- No information available
 < - Below laboratory's indicated reporting limit
 ABD - Well Abandoned
 DRY - Well was Dry; sample could not be taken
 ND - Not detected, and detection limit is not known
 NS - Well not sampled.
 ug/L - micrograms/liter
 WD - Well Destroyed
 DRO - Diesel range organics
 GRO - gasoline range organics
 MTBE - Methyl tertiary-butyl ether
 TBA - Tertiary-butyl alcohol
 DIPE - Di-isopropyl ether
 ETBE - Ethyl tertiary-butyl ether
 TAME - Tertiary-amy methyl ether

Figure 3
Tosco (76) Service Station No. 6419
MtBE Concentration and Pounds Removed

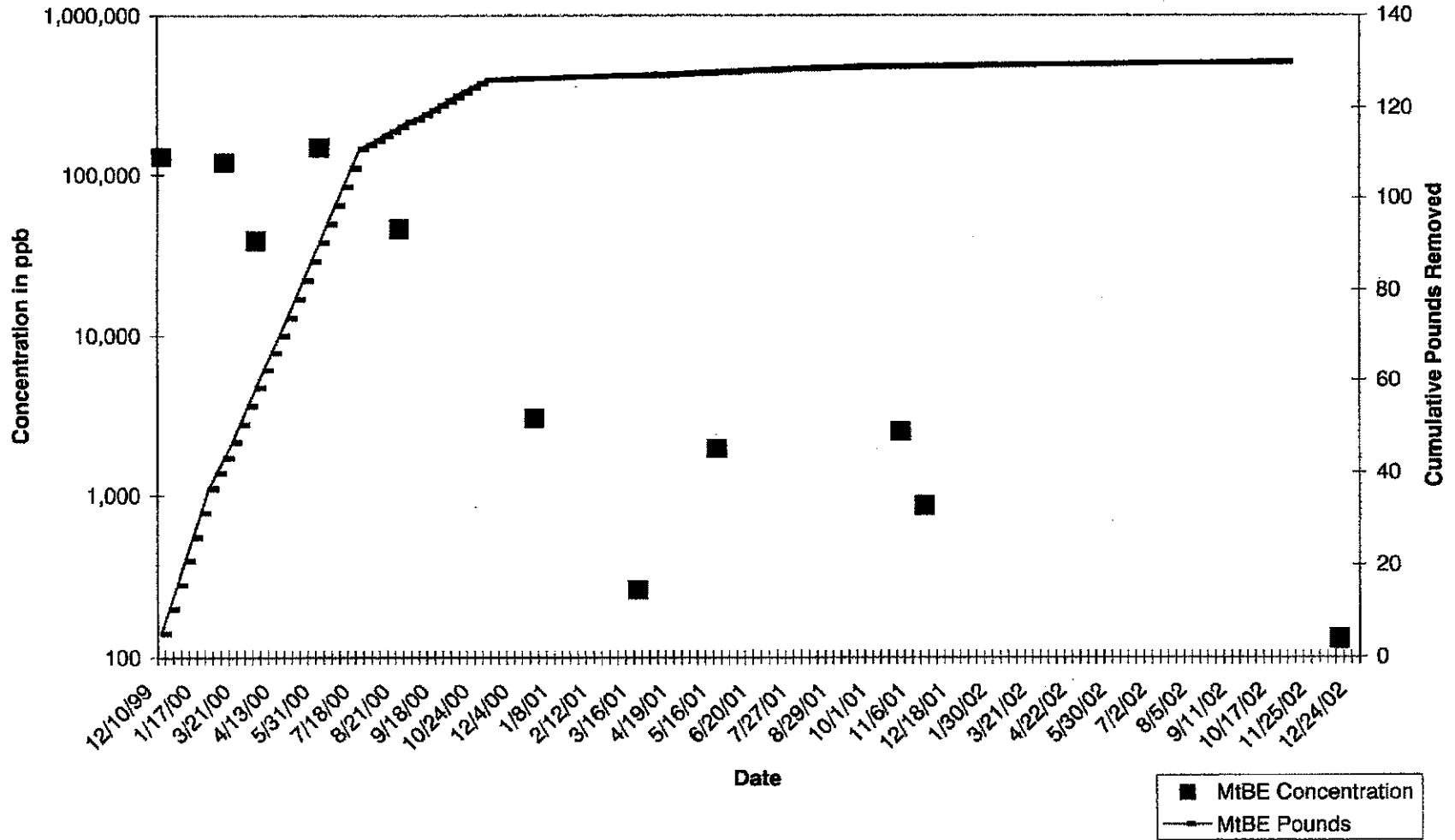


Table 1 - Groundwater Removal and Analytical Data

Tosco (76) Service Station No. 6419

6401 Dublin Boulevard

Dublin, California

Date Sampled or Purged	Purge Volume in Gallons	Cumulative Purge Volume in Gallons	MtBE Removed in Pounds	Cumulative MtBE Removed in Pounds	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-Benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
Purged From Conductor Casing installed in UST Pit										
12/10/99	--	--	--	--	<1,000	32	<10	<10	<10	130,000
12/23/99	5,000	5,000	5.21	5.21	--	--	--	--	--	--
12/31/99	5,000	10,000	5.21	10.42	--	--	--	--	--	--
1/6/00	5,000	15,000	5.21	15.63	--	--	--	--	--	--
1/10/00	5,000	20,000	5.21	20.84	--	--	--	--	--	--
1/17/00	5,000	25,000	5.21	26.05	--	--	--	--	--	--
1/31/00	5,000	30,000	5.21	31.26	--	--	--	--	--	--
2/1/00	5,000	35,000	5.21	36.47	--	--	--	--	--	--
2/3/00	--	--	--	--	2,100 ¹	96	240	<10	210	120,000
3/15/00	5,000	40,000	3.31	39.79	--	--	--	--	--	--
3/21/00	5,000	45,000	3.31	43.10	--	--	--	--	--	--
3/27/00	5,000	50,000	3.31	46.42	--	--	--	--	--	--
3/28/00	--	--	--	46.42	<5,000	<50	<50	<50	<50	39,000
4/4/00	5,000	55,000	3.94	50.36	--	--	--	--	--	--
4/7/00	5,000	60,000	3.94	54.29	--	--	--	--	--	--
4/13/00	5,000	65,000	3.94	58.23	--	--	--	--	--	--
4/17/00	5,000	70,000	3.94	62.17	--	--	--	--	--	--
4/24/00	5,000	75,000	3.94	66.11	--	--	--	--	--	--
5/1/00	4,800	79,800	3.78	69.89	--	--	--	--	--	--
5/8/00	5,000	84,800	3.94	73.83	--	--	--	--	--	--
5/31/00	--	--	--	--	<50	1.7	<0.50	<0.50	<0.50	150,000
6/8/00	5,000	89,800	4.09	77.92	--	--	--	--	--	--
6/27/00	5,000	94,800	4.09	82.00	--	--	--	--	--	--
7/3/00	5,000	99,800	4.09	86.09	--	--	--	--	--	--
7/12/00	5,000	104,800	4.09	90.17	--	--	--	--	--	--
7/18/00	5,000	109,800	4.09	94.26	--	--	--	--	--	--
7/24/00	5,000	114,800	4.09	98.34	--	--	--	--	--	--
8/2/00	5,000	119,800	4.09	102.43	--	--	--	--	--	--
8/8/00	5,000	124,800	4.09	106.51	--	--	--	--	--	--
8/18/00	5,000	129,800	4.09	110.60	--	--	--	--	--	--
8/21/00	--	--	--	--	<130	4.8	<1.3	<1.3	<1.3	46,000
8/25/00	5,000	134,800	1.02	111.62	--	--	--	--	--	--
8/31/00	5,000	139,800	1.02	112.64	--	--	--	--	--	--
9/6/00	5,000	144,800	1.02	113.66	--	--	--	--	--	--
9/11/00	5,000	149,800	1.02	114.68	--	--	--	--	--	--
9/18/00	5,000	154,800	1.02	115.71	--	--	--	--	--	--
9/29/00	5,000	159,800	1.02	116.73	--	--	--	--	--	--
10/3/00	3,000	162,800	0.61	117.34	--	--	--	--	--	--
10/10/00	5,000	167,800	1.02	118.36	--	--	--	--	--	--
10/17/00	5,000	172,800	1.02	119.38	--	--	--	--	--	--

Table 1 - Groundwater Removal and Analytical Data
 Tosco (76) Service Station No. 6419
 6401 Dublin Boulevard
 Dublin, California

Date Sampled or Purged	Purge Volume in Gallons	Cumulative Purge Volume in Gallons	MtBE Removed in Pounds	Cumulative MtBE Removed in Pounds	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-Benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
10/24/00	5,000	177,800	1.02	120.40	--	--	--	--	--	--
10/30/00	5,000	182,800	1.02	121.43	--	--	--	--	--	--
11/6/00	5,000	187,800	1.02	122.45	--	--	--	--	--	--
11/13/00	5,000	192,800	1.02	123.47	--	--	--	--	--	--
11/24/00	5,000	197,800	1.02	124.49	--	--	--	--	--	--
12/4/00	4,000	201,800	0.82	125.31	--	--	--	--	--	--
12/11/00	4,000	205,800	0.82	126.12	--	--	--	--	--	--
12/12/00	--	--	--	--	<50	<20	<20	<20	<20	3,000
12/18/00	3,500	209,300	0.05	126.17	--	--	--	--	--	--
1/3/01	4,000	213,300	0.05	126.22	--	--	--	--	--	--
1/8/01	3,000	216,300	0.04	126.27	--	--	--	--	--	--
1/17/01	4,000	220,300	0.05	126.32	--	--	--	--	--	--
1/22/01	3,500	223,800	0.05	126.37	--	--	--	--	--	--
1/31/01	5,000	228,800	0.07	126.44	--	--	--	--	--	--
2/5/01	3,000	231,800	0.04	126.48	--	--	--	--	--	--
2/12/01	5,000	236,800	0.07	126.54	--	--	--	--	--	--
2/24/01	5,000	241,800	0.07	126.61	--	--	--	--	--	--
3/2/01	5,000	246,800	0.07	126.68	--	--	--	--	--	--
3/6/01	5,000	251,800	0.07	126.75	--	--	--	--	--	--
3/14/01	5,000	256,800	0.07	126.82	--	--	--	--	--	--
3/16/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	260
3/21/01	5,000	261,800	0.05	126.86	--	--	--	--	--	--
3/28/01	5,000	266,800	0.05	126.91	--	--	--	--	--	--
4/3/01	5,000	271,800	0.05	126.95	--	--	--	--	--	--
4/12/01	5,000	276,800	0.05	127.00	--	--	--	--	--	--
4/19/01	5,000	281,800	0.05	127.05	--	--	--	--	--	--
4/23/01	4,000	285,800	0.04	127.08	--	--	--	--	--	--
5/5/01	5,000	290,800	0.05	127.13	--	--	--	--	--	--
5/8/01	5,000	295,800	0.05	127.18	--	--	--	--	--	--
5/13/01	5,000	300,800	0.05	127.22	--	--	--	--	--	--
5/16/01	3,000	303,800	0.03	127.25	<50	<0.50	2.27	2.03	0.665	1,950
5/23/01	4,000	307,800	0.07	127.32	--	--	--	--	--	--
6/1/01	5,000	312,800	0.09	127.42	--	--	--	--	--	--
6/6/01	5,000	317,800	0.09	127.51	--	--	--	--	--	--
6/12/01	3,000	320,800	0.06	127.56	--	--	--	--	--	--
6/20/01	5,000	325,800	0.09	127.66	--	--	--	--	--	--
6/25/01	3,000	328,800	0.06	127.71	--	--	--	--	--	--
7/7/01	5,000	333,800	0.09	127.81	--	--	--	--	--	--
7/13/01	3,000	336,800	0.06	127.86	--	--	--	--	--	--
7/21/01	3,000	339,800	0.06	127.92	--	--	--	--	--	--
7/27/01	5,000	344,800	0.09	128.01	--	--	--	--	--	--
8/2/01	3,000	347,800	0.06	128.07	--	--	--	--	--	--
8/8/01	3,000	350,800	0.06	128.12	--	--	--	--	--	--

Table 1 - Groundwater Removal and Analytical Data
 Tosco (76) Service Station No. 6419
 6401 Dublin Boulevard
 Dublin, California

Date Sampled or Purged	Purge Volume in Gallons	Cumulative Purge Volume in Gallons	MtBE Removed in Pounds	Cumulative MtBE Removed in Pounds	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-Benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
8/16/01	3,500	354,300	0.06	128.19	--	--	--	--	--	--
8/20/01	5,000	359,300	0.09	128.28	--	--	--	--	--	--
8/29/01	4,500	363,800	0.08	128.36	--	--	--	--	--	--
9/4/01	3,000	366,800	0.06	128.42	--	--	--	--	--	--
9/10/01	3,000	369,800	0.06	128.47	--	--	--	--	--	--
9/17/01	3,000	372,800	0.06	128.53	--	--	--	--	--	--
9/24/01	3,000	375,800	0.06	128.58	--	--	--	--	--	--
10/1/01	3,000	378,800	0.06	128.64	--	--	--	--	--	--
10/17/01	3,500	382,300	0.06	128.71	--	--	--	--	--	--
10/23/01	3,000	385,300	0.06	128.76	--	--	--	--	--	--
10/26/01	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	2,500
10/29/01	5,000	390,300	0.07	128.83	--	--	--	--	--	--
11/6/01	3,500	393,800	0.05	128.88	--	--	--	--	--	--
11/12/01	3,500	397,300	0.05	128.93	<50	<0.50	<0.50	<0.50	<0.50	870
11/20/01	3,500	400,800	0.05	128.98	--	--	--	--	--	--
11/26/01	5,000	405,800	0.07	129.05	--	--	--	--	--	--
12/4/01	5,000	410,800	0.07	129.12	--	--	--	--	--	--
12/18/01	5,000	415,800	0.07	129.19	--	--	--	--	--	--
12/27/01	5,000	420,800	0.07	129.26	--	--	--	--	--	--
1/7/02	5000	425,800	0.02	129.28	--	--	--	--	--	--
1/17/02	5000	430,800	0.02	129.30	--	--	--	--	--	--
1/22/02	5000	435,800	0.02	129.32	--	--	--	--	--	--
1/30/02	5000	440,800	0.02	129.34	--	--	--	--	--	--
2/6/02	5000	445,800	0.02	129.36	--	--	--	--	--	--
2/27/02	5000	450,800	0.02	129.38	--	--	--	--	--	--
3/8/02	5000	455,800	0.02	129.41	--	--	--	--	--	--
3/15/02	5000	460,800	0.02	129.43	--	--	--	--	--	--
3/21/02	5000	465,800	0.02	129.45	--	--	--	--	--	--
3/25/02	5000	470,800	0.02	129.47	--	--	--	--	--	--
4/2/02	5000	475,800	0.02	129.49	--	--	--	--	--	--
4/8/02	5000	480,800	0.02	129.51	--	--	--	--	--	--
4/16/02	4000	484,800	0.02	129.53	--	--	--	--	--	--
4/22/02	4500	489,300	0.02	129.55	--	--	--	--	--	--
4/30/02	4000	493,300	0.02	129.56	--	--	--	--	--	--
5/8/02	5000	498,300	0.02	129.58	--	--	--	--	--	--
5/16/02	5000	503,300	0.02	129.60	--	--	--	--	--	--
5/21/02	5000	508,300	0.02	129.62	--	--	--	--	--	--
5/30/02	4500	512,800	0.02	129.64	--	--	--	--	--	--
6/6/02	5000	517,800	0.02	129.66	--	--	--	--	--	--
6/11/02	5000	522,800	0.02	129.68	--	--	--	--	--	--
6/18/02	5000	527,800	0.02	129.71	--	--	--	--	--	--
6/26/02	5000	532,800	0.02	129.73	--	--	--	--	--	--
7/2/02	5000	537,800	0.02	129.75	--	--	--	--	--	--

Table 1 - Groundwater Removal and Analytical Data
 Tosco (76) Service Station No. 6419
 6401 Dublin Boulevard
 Dublin, California

Date Sampled or Purged	Purge Volume in Gallons	Cumulative Purge Volume in Gallons	MtBE Removed in Pounds	Cumulative MtBE Removed in Pounds	TPHg (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-Benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
7/8/02	5000	542,800	0.02	129.77	--	--	--	--	--	--
7/19/02	3500	546,300	0.01	129.78	--	--	--	--	--	--
7/23/02	5000	551,300	0.02	129.80	--	--	--	--	--	--
7/29/02	5000	556,300	0.02	129.82	--	--	--	--	--	--
8/5/02	5000	561,300	0.02	129.85	--	--	--	--	--	--
8/12/02	5000	566,300	0.02	129.87	--	--	--	--	--	--
8/22/02	3500	569,800	0.01	129.88	--	--	--	--	--	--
8/27/02	4000	573,800	0.02	129.90	--	--	--	--	--	--
9/5/02	5000	578,800	0.02	129.92	--	--	--	--	--	--
9/11/02	5000	583,800	0.02	129.94	--	--	--	--	--	--
9/18/02	5000	588,800	0.02	129.96	--	--	--	--	--	--
9/26/02	5000	593,800	0.02	129.98	--	--	--	--	--	--
10/3/02	5000	598,800	0.02	130.00	--	--	--	--	--	--
10/9/02	5000	603,800	0.02	130.02	--	--	--	--	--	--
10/17/02	2800	606,600	0.01	130.03	--	--	--	--	--	--
10/29/02	5000	611,600	0.02	130.05	--	--	--	--	--	--
11/5/02	3000	614,600	0.01	130.07	--	--	--	--	--	--
11/13/02	5000	619,600	0.02	130.09	--	--	--	--	--	--
11/22/02	5000	624,600	0.02	130.11	--	--	--	--	--	--
11/25/02	5000	629,600	0.02	130.13	--	--	--	--	--	--
12/3/02	5000	634,600	0.02	130.15	--	--	--	--	--	--
12/10/02	5000	639,600	0.02	130.17	--	--	--	--	--	--
12/12/02	--	--	--	--	79	<0.50	<0.50	<0.50	<0.50	130
12/20/02	5000	644,600	0.02	130.19	--	--	--	--	--	--
12/24/02	5000	649,600	0.02	130.21	--	--	--	--	--	--

EXPLANATION:

ppb = parts per billion

<50 = analyte not detected at or above laboratories reporting limit

-- = Not Applicable

¹ = Chromatogram pattern: Gasoline C6-C12

MtBE Removed (lbs) = Average MtBE concentration (ppb) * gallons removed * 8.337lbs/gal H₂O / 1 x 10⁹ ppb

Average MtBE Concentration (ppb) = (MtBE concentration from water sample prior to purging event + MtBE concentration from water sample following purging event)/2

ANALYTICAL METHODS:

TPHg = Total Petroleum Hydrocarbons as gasoline according to EPA Method 8015 Modified

Benzene, Toluene, Ethylbenzene, and Total Xylenes according to EPA Method 8020

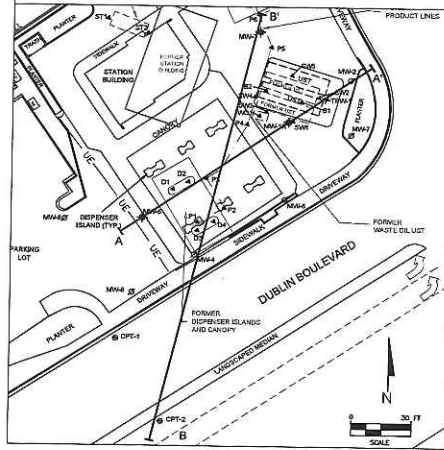
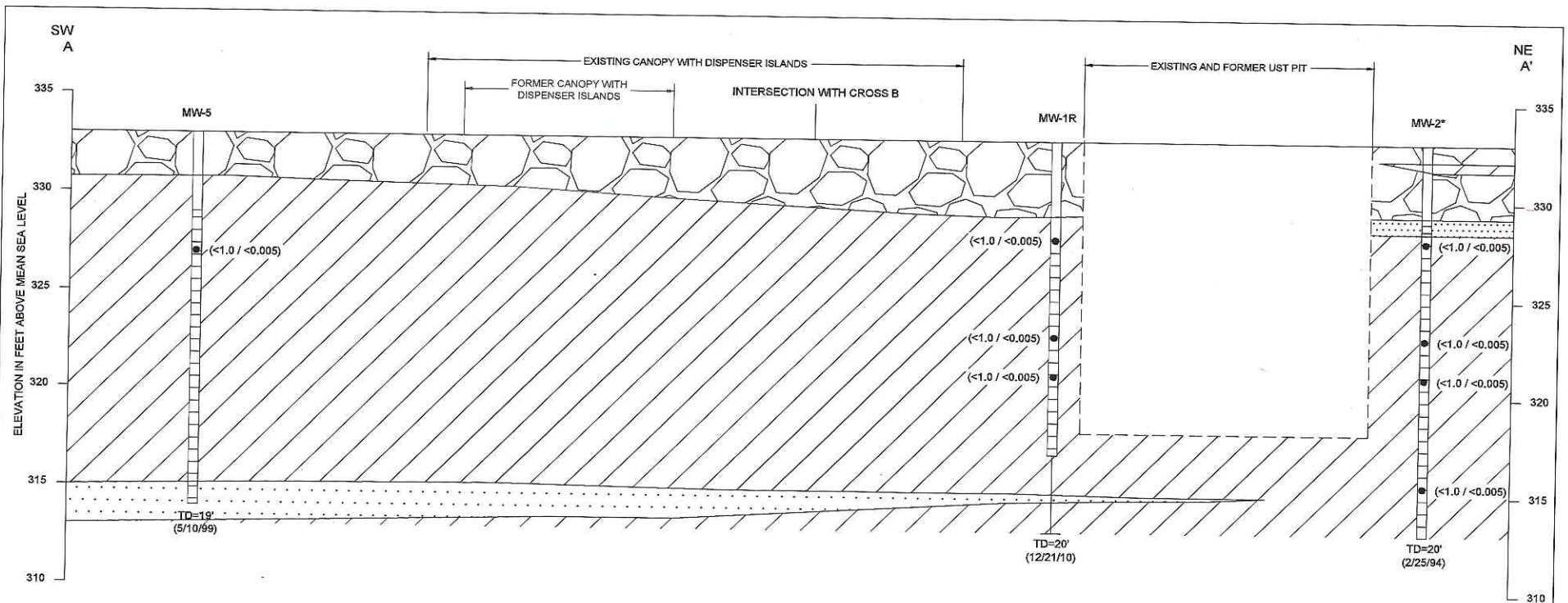
MtBE = Methyl tertiary butyl ether according to EPA Methods 8020 or 8260

ANALYTICAL LABORATORY:

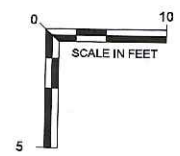
Sequoia Analytical Walnut Creek, CA (ELAP #1271)

Sequoia Analytical Morgan Hill, CA (ELAP #1210)

Sequoia Analytical Scaramento, CA (ELAP #1624)



- LEGEND**
- MW-1R WELL NAME
 - WELL CASING
 - SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: [TPHg/BENZENE] (mg/kg)
 - WELL SCREEN
 - FINE GRAINED MATERIAL
 - SAND
 - GRAVEL
 - APPROXIMATE STRATIGRAPHIC BOUNDARY




NOTES:
 * = MONITORING WELL IS DESTROYED
 mg/kg = MILLIGRAMS PER KILOGRAM
 TPHg = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
 < = BELOW LABORATORY INDICATED REPORTING LIMIT
 STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

FIGURE 3
GEOLOGICAL CROSS SECTION A-A'

76 STATION NO. 5748/6419
 6401 DUBLIN BOULEVARD
 DUBLIN, CALIFORNIA

PROJECT NO. 142705748	PREPARED BY EW	DRAWN BY JH
DATE 03/07/12	REVIEWED BY DD	FILE NAME 76-5748S



ATTACHMENT 6

