ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

May 20, 2014

Cary Grayson
G & G International Holding Co.
P.O. Box 1435
Alamo, CA 94507
(Sent via email to carybgrayson@gmail.com)

Jeff Pitcock
Bay Counties Petroleum
220 Hookston Road
Pleasant Hill, CA 94523

Subject: Case Closure for Fuel Leak Case No. RO0002862 and GeoTracker Global ID T0600113164, Bay Counties Petroleum, 6310 Houston Place, Dublin, CA 94568

Dear Mr. Grayson:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). 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. 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.swrcb.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

Due to residual contamination, the site was closed with Site Management Requirements that limit future land use to the current commercial land use. Site Management Requirements are further described in section IV of the attached Case Closure Summary.

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

Dilan Roe

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

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

Cc w/enc.:

Danielle Stefani, Livermore Pleasanton Fire Department, 3560 Nevada St, Pleasanton, CA 94566 (*Sent via E-mail to: dstefani@lpfire.org*)

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

Jeff Baker, Planning Division, City of Dublin, 100 Civic Plaza, Dublin, CA 94568

Eckhard Evers, 4456 Ferncroft Road, Mercer Island, WA 98040

Cary Grayson, G & G International Holding Co., 2416 Stirrup Court, Walnut Creek, CA 94596

Trevor Hartwell, Stratus Environmental, Inc., 3330 Cameron Park Drive, Ste 550, Cameron Park, CA 95682 (*Sent via E-mail to: thartwell@stratusinc.net*)

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

GeoTracker, eFile

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

May 20, 2014

Cary Grayson
G & G International Holding Co.
P.O. Box 1435
Alamo, CA 94507
(Sent via email to carybgrayson@gmail.com)

Jeff Pitcock
Bay Counties Petroleum
220 Hookston Road
Pleasant Hill, CA 94523

Subject: Case Closure for Fuel Leak Case No. RO0002862 and GeoTracker Global ID T0600113164, Bay Counties Petroleum, 6310 Houston Place, Dublin, CA 94568

Dear Mr. Grayson:

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: February 4, 2014

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: Bay Counties Petroleum		
Site Facility Address: 6310 Houston Place, Dublin, CA 94568		
RB Case No.: ----	STiD No.: ----	LOP Case No.: RO0002862
URF Filing Date: ---	Geotracker ID: T0600113164	APN: 951-550-71, 941-550-72, and 941-550-73
Current Land Use: Commercial land use		

Responsible Parties	Addresses	Phone Numbers
Cary Grayson G & G International Holding Co.	P.O. Box 1435 Alamo, CA 94507	No phone number
Jeff Pitcock Bay Counties Petroleum	220 Hookston Road Pleasant Hill, CA 94523	No phone number

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
----	550 gallons	Waste Oil	Removed	3/31/1989
----	8,000 gallons	Diesel	Removed	3/31/1989
----	12,000 gallons	Diesel	Removed	3/31/1989
----	12,000 gallons	Diesel	Removed	10/27/2004
Piping			Removed	10/27/2004

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Release from underground storage tank (UST) system.		
Site characterization complete? Yes		
Monitoring wells installed? Yes	Number: 7	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 5.89 feet bgs	Lowest Depth: 9.20 feet bgs	Flow Direction: Generally west to southwest but variable
Most Sensitive Current Groundwater Use: Drinking water source		

Summary of Production Wells in Vicinity: No water supply wells have been identified within 2,000 feet of the site.	
Are drinking water wells affected? No	Aquifer Name: Dublin Subbasin of Livermore-Amador Groundwater Basin
Is surface water affected? No	Nearest Surface Water Name: Alamo Canal is approximately 1,600 feet southwest (downgradient) from the site
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	----	----	----
Groundwater	----	----	----

LTCP GROUNDWATER SPECIFIC CRITERIA						
LTCP Groundwater Specific Scenario under which case was closed: Scenario 2						
Site Data			LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Plume Length	<250 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	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	1,600 feet 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	<0.5	<0.5	No criteria	3,000	No criteria	1,000
MTBE	1.4	1.4	No criteria	1,000	No criteria	1,000
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?			----			

Notes:

* Plume length estimated based on flow direction to southwest; plume may not be delineated to the northwest.

Add to remove?

LTCP VAPOR SPECIFIC CRITERIA							
LTCP Vapor Specific Scenario under which case was closed: A determination has been made that petroleum vapors have no significant risk of adversely affecting human health under the current building configuration and land use.							
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	Unknown	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	Unknown	<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 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 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 ($\mu g/m^3$)	Current Maximum ($\mu g/m^3$)	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?				A determination has been made that petroleum vapors have no significant risk of adversely affecting human health under the current building configuration and land use.		

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA						
LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: No napthalene data has been collected for soils at the site. However, a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health under the current building configuration and land use.						
Are maximum concentrations less than those in Table 1 below?				No napthalene data		
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	<0.005	<0.005	<0.005	<0.005	<0.005
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	<0.005	<0.005	<0.005	<0.005	<0.005
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?				A determination has been made that concentrations of petroleum in soil have no significant risk of adversely affecting human health under the current building configuration and land use.		

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: 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). A determination has been made that petroleum vapors and the concentrations of petroleum in soil have no significant risk of adversely affecting human health under the current building configuration and land use. However, sufficient data have not been collected to assess potential risk from petroleum vapors and direct contact with petroleum in soils for future site development. Therefore, case closure is granted for the current commercial land use. If a change in land use to any residential or other conservative land use, or if any redevelopment occurs, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. 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: No	Number Decommissioned: 0	Number Retained: 7

V. ADDITIONAL COMMENTS AND CONCLUSION

Additional Comments:

Naphthalene was not an analyte in shallow soil samples although diesel fuel was released within shallow soil. Under the current building configuration and land use, the site is paved with minor landscaped areas resulting in a low potential for direct exposure. Future risks from direct contact and outdoor air exposure can be mitigated through the use of land use restrictions. Therefore, case closure is granted for the current commercial land use.

A piping leak and surface spill was discovered at the site in February 1984. Soil contamination extended from the pump island to the western property boundary. The soil was reportedly excavated; however, no documentation of the removal or confirmation sampling results was found in the case file. A collection trench was apparently established along the south side of the property with water and fuel pumped intermittently from the trench for several days. The fuel leak case (RO0000998) was closed by ACEH on February 28, 1995.

Conclusion:

Alameda County Environmental Health staff believe 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.

Prepared by: Jerry Wickham, P.G.	Title: Senior Hazardous Materials Specialist
Signature:	Date:
Approved by: Dilan Roe	Title: LOP and SCP Program Manager
Signature:	Date:

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: 01/28/2014	
Public Notification Date: 01/28/2014	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH:	Date of Well Decommissioning Report:	
All Monitoring Wells Decommissioned:	Number Decommissioned:	Number Retained:
Reason Wells Retained:		
Additional requirements for submittal of groundwater data from retained wells:		
ACEH Concurrence - Signature:		Date:

Attachments:

1. Site Vicinity Map (1 p)
2. Site Plans and Cross Section (4 pp)
3. Groundwater Elevation Contour and Chemical Concentration Maps (2 pp)
4. Soil Analytical Data (1 p)
5. Groundwater Analytical Data (7 pp)

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

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: 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). A determination has been made that petroleum vapors and the concentrations of petroleum in soil have no significant risk of adversely affecting human health under the current building configuration and land use. However, sufficient data have not been collected to assess potential risk from petroleum vapors and direct contact with petroleum in soils for future site development. Therefore, case closure is granted for the current commercial land use. If a change in land use to any residential or other conservative land use, or if any redevelopment occurs, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. 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: No	Number Decommissioned: 0	Number Retained: 7

V. ADDITIONAL COMMENTS AND CONCLUSION

Additional Comments:

This case (RO0002862) was opened in 2004 following the detection of petroleum hydrocarbons in soil and groundwater during the removal of a 10,000-gallon diesel UST. A previous fuel leak case (RO0000998) was closed by ACEH on February 28, 1995. The previous fuel leak case addressed a piping leak and surface spill that was discovered at the site in February 1984 and leaks from four USTs that were removed in March 1989. Soil contamination from the piping leak and surface spill extended from the pump island to the western property boundary. The soil was reportedly excavated; however, no documentation of the removal or confirmation sampling results was found in the case file. A collection trench was apparently established along the south side of the property with water and fuel pumped intermittently from the trench for several days.

Naphthalene was not an analyte in shallow soil samples although diesel fuel was released within shallow soil. Under the current building configuration and land use, the site is paved with minor landscaped areas resulting in a low potential for direct exposure. Future risks from direct contact and outdoor air exposure can be mitigated through the use of land use restrictions. Therefore, case closure is granted for the current commercial land use.

Conclusion:

Alameda County Environmental Health staff believe 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.

Prepared by: Jerry Wickham, P.G.	Title: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 02/06/14
Approved by: Dilan Roe	Title: LOP and SCP Program Manager
Signature: Dilan Roe	Date: February 6, 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: 01/28/2014	
Public Notification Date: 01/28/2014	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 04/07/14	Date of Well Decommissioning Report: 05/15/14	
All Monitoring Wells Decommissioned: Yes	Number Decommissioned: 7	Number Retained: Ø
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: Jerry Wickham		Date: 05/20/14

Attachments:

1. Site Vicinity Map (1 p)
2. Site Plans and Cross Section (4 pp)
3. Groundwater Elevation Contour and Chemical Concentration Maps (2 pp)
4. Soil Analytical Data (1 p)
5. Groundwater Analytical Data (7 pp)

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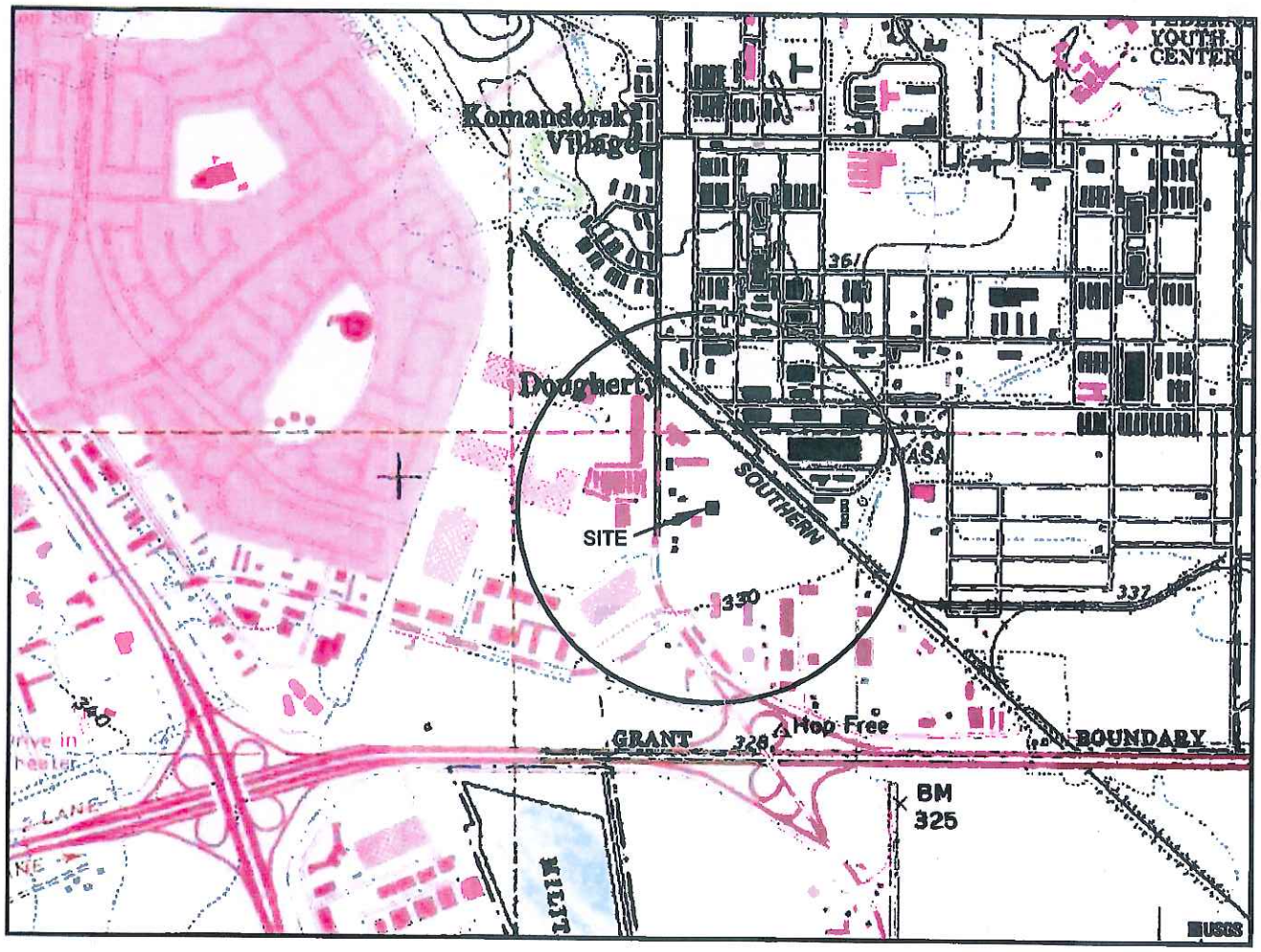


GENERAL NOTES:
BASE MAP FROM U.S.G.S.
DUBLIN, CA.
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1989

N

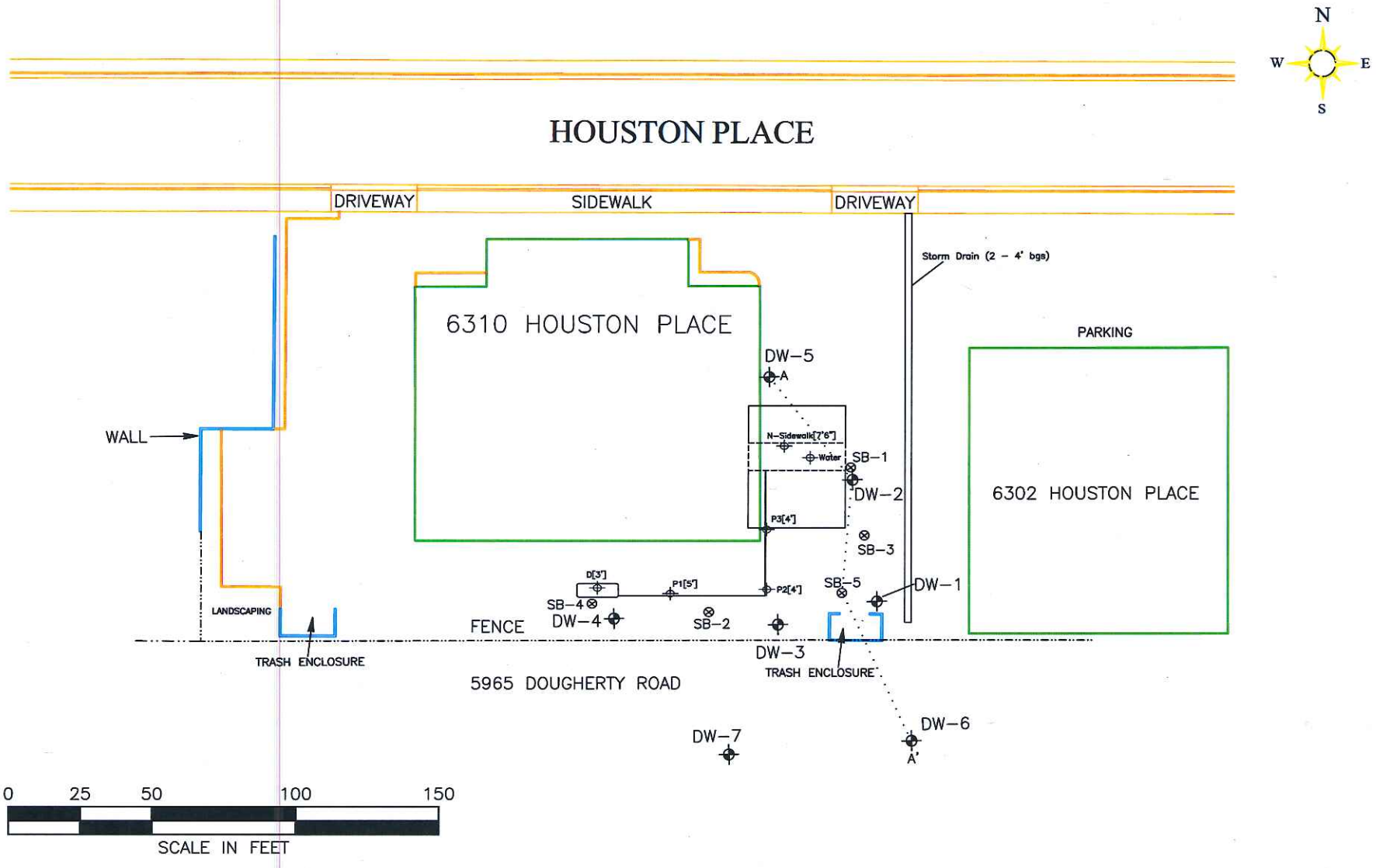
QUADRANGLE LOCATION

0 1800 FT

APPROXIMATE SCALE

STRATUS ENVIRONMENTAL, INC.	6310 HOUSTON PLACE DUBLIN, CALIFORNIA SITE LOCATION MAP	FIGURE 1 PROJECT NO. 2094-6310-01

ATTACHMENT 1



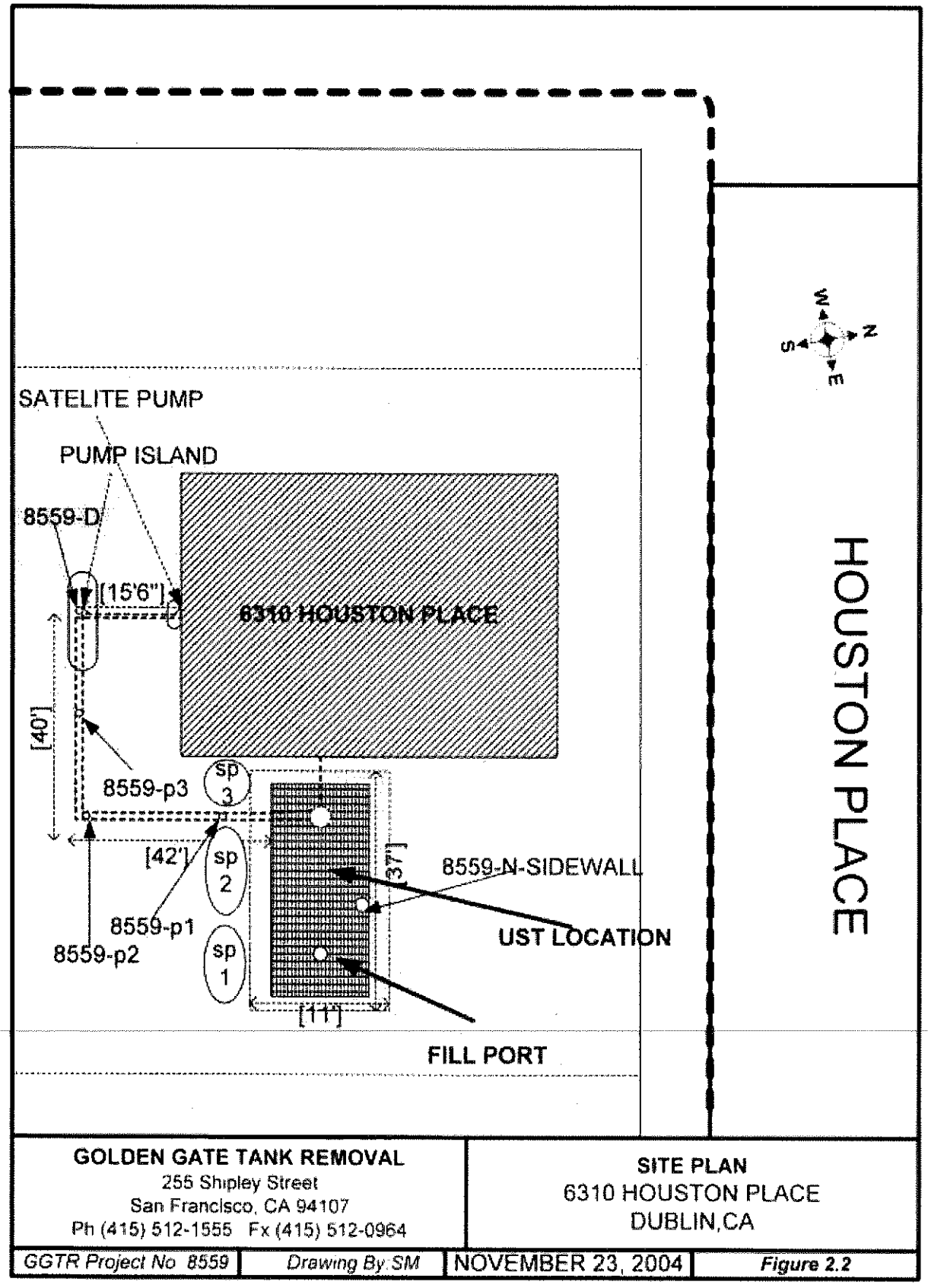
LEGEND

- GROUNDWATER MONITORING WELL
- BORING LOCATION (3/14/06)
- TANK REMOVAL SAMPLE LOCATION
- EXCAVATION BOUNDARY (12,000-GAL. DIESEL UST)
- FENCE DIAGRAM LINE

AEI CONSULTANTS
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

SITE PLAN

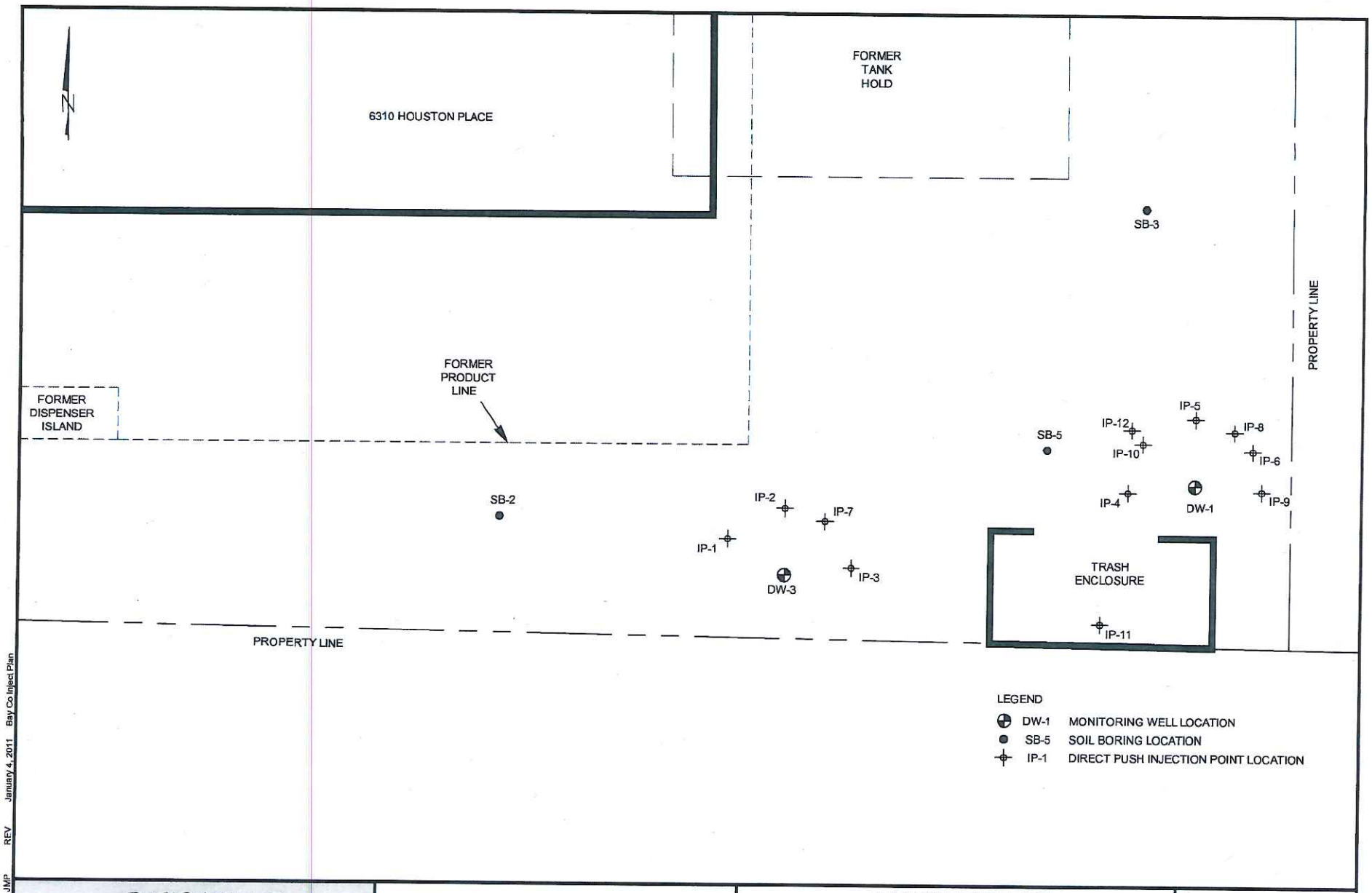
ATTACHMENT 2



GOLDEN GATE TANK REMOVAL
255 Shipley Street
San Francisco, CA 94107
Ph (415) 512-1555 Fx (415) 512-0964

SITE PLAN
6310 HOUSTON PLACE
DUBLIN,CA

GGTR Project No 8559	Drawing By SM	NOVEMBER 23, 2004	Figure 2.2



JMP REV January 4, 2011 Bay Co Inject Plan

Bay Counties

STRATUS ENVIRONMENTAL, INC.

0 10 FT

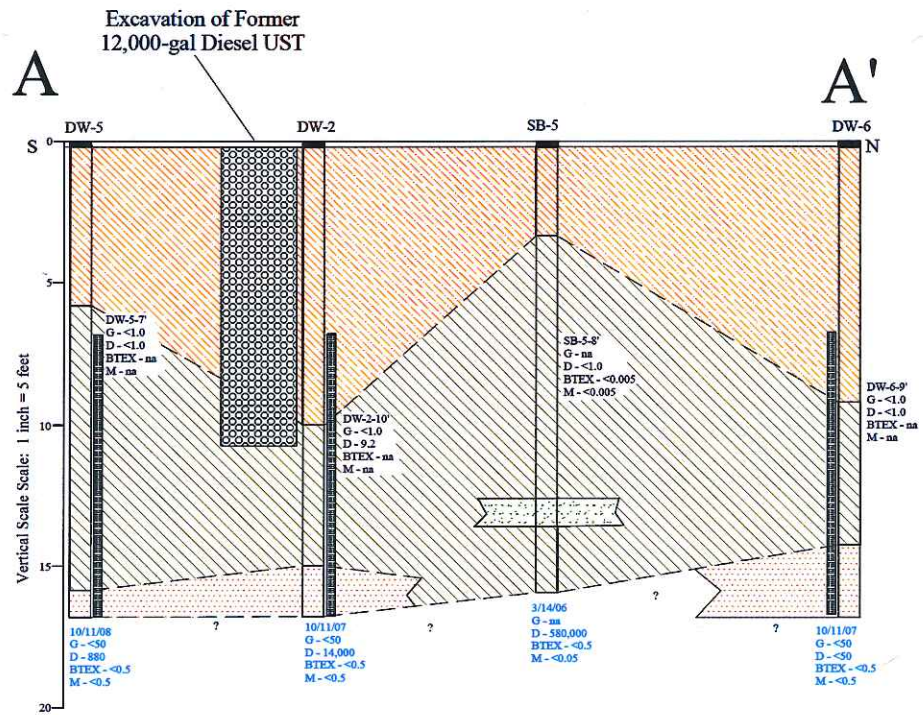
SCALE

6310 HOUSTON PLACE
DUBLIN, CALIFORNIA

INJECTION POINT LOCATIONS

FIGURE
3

PROJECT NO.
2094-6301-01



*Based on discrete sampling during installation of wells via hollow stem auger

*G - Gasoline, D - Diesel, BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
M - MTBE, na - not analyzed

0 50 100

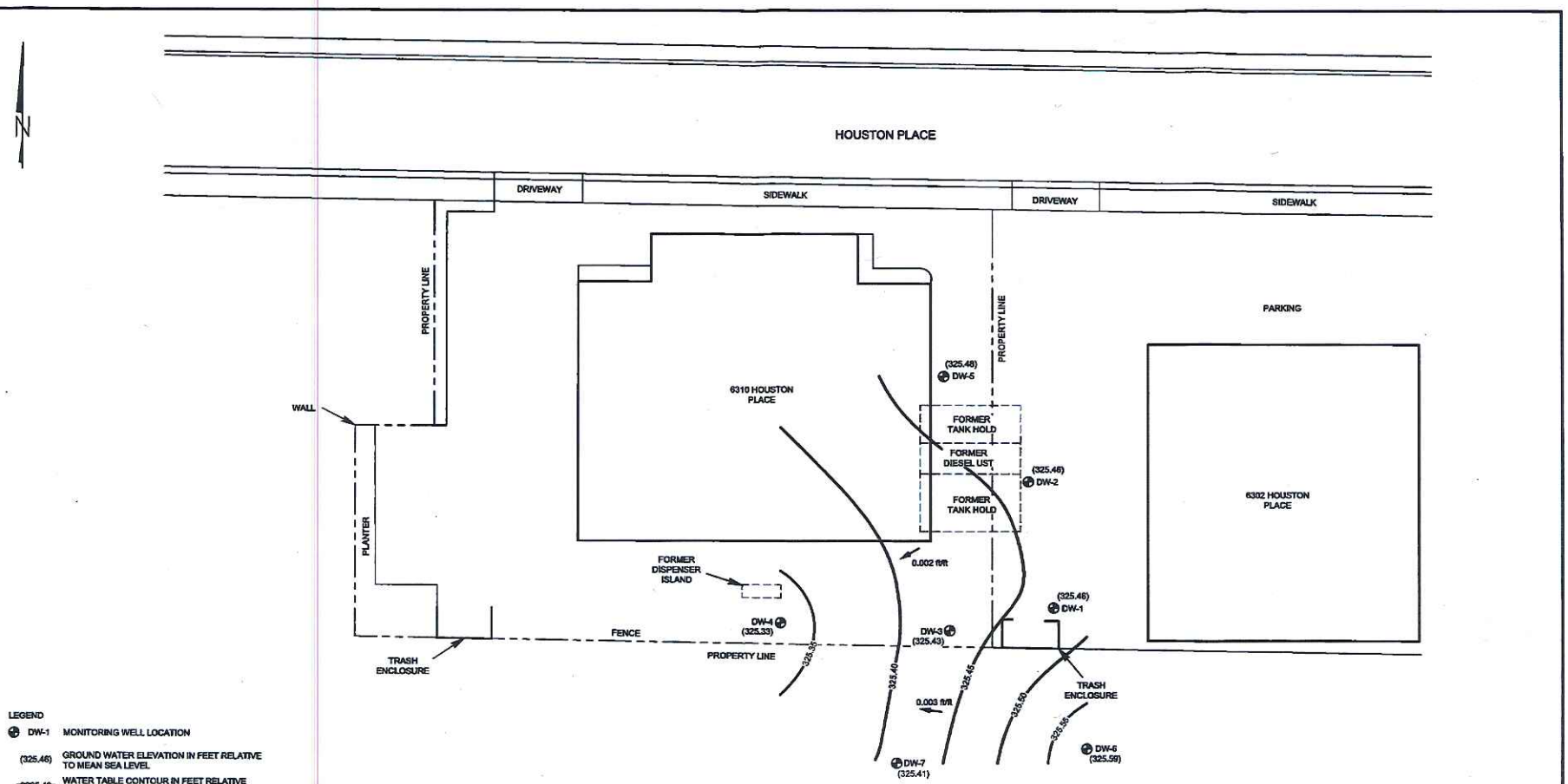
Scale 1" = 25'

AEI CONSULTANTS
2500 CAMINO DIABLO, STE. 100, WALNUT CREEK, CA

A - A' Fence Diagram

6310 Houston Place
Dublin, CA

Figure 6
PROJECT NO. 261639



STRATUS ENVIRONMENTAL, INC.

0 30 FT
SCALE

6310 HOUSTON PLACE
DUBLIN, CALIFORNIA

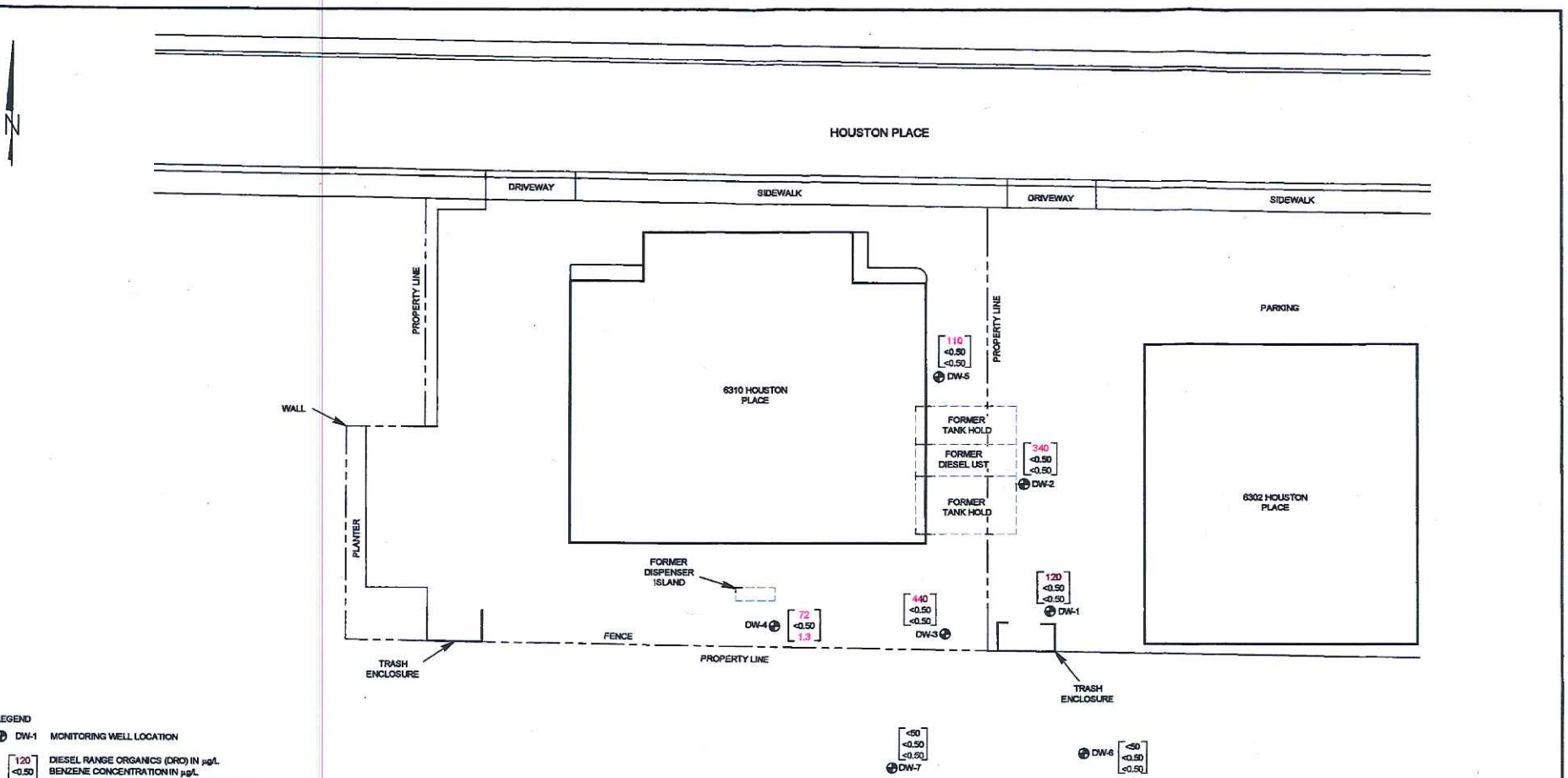
GROUNDWATER ELEVATION CONTOUR MAP
4th QUARTER 2013

FIGURE
2

PROJECT NO.
2094-6310-01

Rev Contour/Quarterly JMP REV November 25, 2013 Rev Co OF 11X17

ATTACHMENT 3



LEGEND

DW-1 MONITORING WELL LOCATION

120 DIESEL RANGE ORGANICS (DRO) IN µg/L
<0.50 BENZENE CONCENTRATION IN µg/L
<0.50 METHYL TERTIARY BUTYL ETHER (MTBE) IN µg/L

WELLS SAMPLED 11/04/13
DRO ANALYZED BY EPA METHOD 8015B
BENZENE & MTBE ANALYZED BY EPA METHOD 8260B

STRATUS ENVIRONMENTAL, INC.

0 30 FT
SCALE

6310 HOUSTON PLACE
DUBLIN, CALIFORNIA

GROUNDWATER ANALYTICAL SUMMARY
4th QUARTER 2013

FIGURE
3

PROJECT NO.
2094-6310-01

Bay Co-DF 11/4/13 REV. November 25, 2013 JMP
Bay Counties\Quarterly

Table 2, 6310 Houston Place, Dublin CA
Soil Sample Analytical Data

Sample ID	Sample Date	Sample Location	TPH-g mg/kg	TPH-d mg/kg *EPA Method 8015M*	TPH-mo mg/kg	MTBE mg/kg	Benzene mg/kg	Toluene mg/kg *EPA Methods 5030 / 8020F*	Ethylbenzene mg/kg	Xylenes mg/kg	MTBE mg/kg *EPA Method 8260B*
8559-SP1	10/27/2004	Stockpile	-	6	-	<0.005	<0.005	<0.005	<0.005	<0.01	-
8559-SP2	10/27/2004	Stockpile	-	<1	-	<0.005	<0.005	<0.005	<0.005	<0.01	-
8559-SP3	10/27/2004	Stockpile	-	197	-	<0.005	<0.005	<0.005	<0.005	<0.01	-
8559-P1[5']	10/27/2004	Product Piping	-	<1	-	<0.005	<0.005	<0.005	<0.005	<0.01	-
8559-P2[4']	10/27/2004	Product Piping	-	<1	-	<0.005	<0.005	<0.005	<0.005	<0.01	-
8559-P3[4']	10/27/2004	Product Piping	-	<1	-	<0.005	<0.005	<0.005	<0.005	<0.01	-
8559-N-Sidewall[7'6"]	10/27/2004	UST Excavation	-	1	-	<0.005	<0.005	<0.005	<0.005	<0.01	-
SB-1-8'	3/14/2006	Adjacent to Tank	-	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005
SB-2-8'	3/14/2006	Product Piping	-	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005
SB-3-8'	3/14/2006	Downgradient	-	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005
SB-4-8'	3/14/2006	Dispenser	-	53	-	-	<0.005	<0.005	<0.005	<0.005	<0.005
SB-5-8'	3/14/2006	Downgradient	-	<1.0	-	-	<0.005	<0.005	<0.005	<0.005	<0.005
DW-1-7'	3/14-15/2007	Upgradient	<1.0	2.0	<5.0	-	-	-	-	-	-
DW-2-10'	3/14-15/2007	Source Zone	<1.0	9.2	<5.0	-	-	-	-	-	-
DW-3-11'	3/14-15/2007	Downgradient	<1.0	12	6.2	-	-	-	-	-	-
DW-4-12'	3/14-15/2007	Crossgradient	<1.0	<1.0	<5.0	-	-	-	-	-	-
DW-5-7'	3/14-15/2007	Crossgradient	<1.0	<1.0	<5.0	-	-	-	-	-	-
DW-6-9'	3/14-15/2007	Downgradient	<1.0	<1.0	<5.0	-	-	-	-	-	-
DW-7-11'	3/14-15/2007	Downgradient	<1.0	<1.0	<5.0	-	-	-	-	-	-
Composite Sample #1	3/14-15/2007	Inv.-Derived Waste	<1.0	<1.0	<5.0	-	-	-	-	-	-
Composite Sample #2	3/14-15/2007	Inv.-Derived Waste	<1.0	<1.0	<5.0	-	-	-	-	-	-
RL	-	-	1.0	1.0	5.0	0.005	0.005	0.005	0.005	0.005	0.005

TPH-g = Total Petroleum Hydrocarbons as gas, TPH-d = TPH as diesel, TPH-mo = TPH as motor oil
MTBE = Methyl tertiary-Butyl Ether
RL = Laboratory reporting limit
UST excavation and sampling routine performed by Golden Gate Tank Removal, Inc., October 2004.

mg/kg = milligrams per kilogram (equivalent to parts per million)
µg/kg = micrograms per kilogram (equivalent to parts per billion)
UST = Underground Storage Tank

ATTACHMENT 4

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
6310 Houston Place, Dublin, CA

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	DRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)
DW-1	04/10/07	7.44	334.23	326.79	8,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/12/07	7.72	334.23	326.51	30,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/11/07	7.88	334.23	326.35	18,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/25/08	6.16	334.23	328.07	13,000	<0.5	<0.5	<0.5	<0.5	--	--
	04/23/08	6.96	334.23	327.27	15,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/23/08	7.55	334.23	326.68	5,200	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/30/08	8.02	334.23	326.21	11,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/11/10	7.58	334.23	326.65	5,600	<0.5	<0.5	<0.5	<0.5	<5.0	--
	08/03/10	7.43	334.23	326.80	540	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/13/11	6.81	334.23	327.42	1,700	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	07/05/11	6.47	334.23	327.76	380	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/04/12	8.05	334.23	326.18	390	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	05/02/12	6.40	334.23	327.83	89,000	<500[3]	<500[3]	<500[3]	<500[3]	<500[3]	<4,000[3]
	05/14/12*	6.69	334.23	327.54	71	<25[3]	<25[3]	<25[3]	<25[3]	<25[3]	<200[3]
	05/14/12**	6.69	334.23	327.54	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/27/12	8.10	334.23	326.13	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/12	6.61	334.23	327.62	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/04/13	8.77	334.23	325.46	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DW-2	04/10/07	7.09	334.00	326.91	8,200	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/12/07	7.40	334.00	326.60	34,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/11/07	7.55	334.00	326.45	14,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/25/08	5.89	334.00	328.11	17,000	<0.5	<0.5	<0.5	<0.5	--	--
	04/23/08	6.63	334.00	327.37	27,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/23/08	7.25	334.00	326.75	16,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/30/08	7.74	334.00	326.26	11,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/11/10	7.23	334.00	326.77	6,900	<0.5	<0.5	<0.5	<0.5	<5.0	--
	08/03/10	7.40	334.00	326.60	550	<0.50	<0.50	<0.50	<0.50	<0.50	--
	01/13/11	6.27	334.00	327.73	7,500	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	07/05/11	6.12	334.00	327.88	210	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/04/12	7.77	334.00	326.23	1,600	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	05/02/12	6.06	334.00	327.94	23,000	<250[3]	<250[3]	<250[3]	<250[3]	<250[3]	<2,000[3]
	05/14/12*	6.39	334.00	327.61	450	<10[3]	<10[3]	<10[3]	<10[3]	<10[3]	<80[3]
	05/14/12**	6.39	334.00	327.61	260	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/27/12	8.25	334.00	325.75	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/12	6.29	334.00	327.71	580	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/04/13	8.54	334.00	325.46	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

ATTACHMENT 5

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
6310 Houston Place, Dublin, CA

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	DRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)
DW-3	04/10/07	7.90	334.56	326.66	27,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/12/07	8.19	334.56	326.37	210,000	<0.5	<1.7	<1.7	<1.7	<1.7	--
	10/11/07	8.29	334.56	326.27	71,000	<25	<25	<25	<25	<0.5	--
	01/25/08	6.63	334.56	327.93	66,000	<0.5	<0.5	<0.5	<0.5	--	--
	04/23/08	7.38	334.56	327.18	58,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/23/08	7.94	334.56	326.62	38,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/30/08	8.41	334.56	326.15	29,000	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/11/10	8.12	334.56	326.44	29,000	<0.5	<0.5	<0.5	<0.5	<5.0	--
	08/03/10	8.02	334.56	326.54	6,300	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/13/11	7.06	334.56	327.50	1,800	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	07/05/11	6.88	334.56	327.68	780	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/04/12	8.43	334.56	326.13	9,000	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	05/02/12	6.92	334.56	327.64	53,000	<250[3]	<250[3]	<250[3]	<250[3]	<250[3]	<2,000[3]
	05/14/12*	7.13	334.56	327.43	1,300	<25[3]	<25[3]	<25[3]	<25[3]	<25[3]	<200[3]
	05/14/12**	7.13	334.56	327.43	740	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/27/12	8.54	334.56	326.02	740	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/12	7.02	334.56	327.54	3,200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/04/13	9.13	334.56	325.43	440	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DW-4	04/10/07	7.99	334.49	326.50	65	<0.5	<0.5	<0.5	<0.5	0.67	--
	07/12/07	8.22	334.49	326.27	300	<0.5	<0.5	<0.5	<0.5	0.87	--
	10/11/07	8.33	334.49	326.16	640	<0.5	<0.5	<0.5	<0.5	0.80	--
	01/25/08	6.62	334.49	327.87	240	<0.5	<0.5	<0.5	<0.5	--	--
	04/23/08	7.39	334.49	327.10	340	<0.5	<0.5	<0.5	<0.5	0.94	--
	07/23/08	7.94	334.49	326.55	<50	<0.5	<0.5	<0.5	<0.5	0.94	--
	10/30/08	8.39	334.49	326.10	<50	<0.5	<0.5	<0.5	<0.5	0.92	--
	01/11/10	8.13	334.49	326.36	65	<1.0	<1.0	<1.0	<1.0	<5.0	--
	08/03/10	8.00	334.49	326.49	370	<0.50	<0.50	<0.50	<0.50	0.76	--
	01/13/11	7.08	334.49	327.41	370	<0.50	<0.50	<0.50	<0.50	0.74	<4.0[3]
	07/05/11	6.91	334.49	327.58	300	<0.50	<0.50	<0.50	<0.50	0.96	<2.0
	01/04/12	8.38	334.49	326.11	88	<0.50	<0.50	<0.50	<0.50	0.80	<2.0
	05/02/12	6.85	334.49	327.64	33,000	<100[3]	<100[3]	<100[3]	<100[3]	<100[3]	<800[3]
	05/14/12*	7.20	334.49	327.29	140	<10[3]	<10[3]	<10[3]	<10[3]	<10[3]	<80[3]
Duplicate	05/14/12*	7.20	334.49	327.29	<50	<25[3]	<25[3]	<25[3]	<25[3]	<25[3]	<200[3]
	05/14/12**	7.20	334.49	327.29	110[4]	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	05/14/12**	7.20	334.49	327.29	4,000[5]	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/27/12	8.59	334.49	325.90	63	<0.50	<0.50	<0.50	<0.50	1.2	<0.50
	12/13/12	7.06	334.49	327.43	<50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50
	11/04/13	9.16	334.49	325.33	72	<0.50	<0.50	<0.50	<0.50	1.3	<0.50

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
6310 Houston Place, Dublin, CA

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	DRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)
DW-5	04/10/07	7.00	333.91	326.91	800	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/12/07	7.36	333.91	326.55	990	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/11/07	7.52	333.91	326.39	880	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/25/08	5.93	333.91	327.98	730	<0.5	<0.5	<0.5	<0.5	--	--
	04/23/08	6.52	333.91	327.39	780	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/23/08	7.24	333.91	326.67	340	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/30/08	7.68	333.91	326.23	1,200	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/11/10	7.47	333.91	326.44	130	<0.5	<0.5	<0.5	<0.5	<5.0	--
	08/03/10	7.32	333.91	326.59	490[1,2]	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/13/11	6.23	333.91	327.68	470	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	07/05/11	6.12	333.91	327.79	220	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/04/12	7.72	333.91	326.19	380	<0.50	<0.50	<0.50	<0.50	<0.50	<4.0[3]
	05/02/12	6.04	333.91	327.87	38,000	<250[3]	<250[3]	<250[3]	<250[3]	<250[3]	<2,000[3]
	05/14/12*	6.36	333.91	327.55	190	<50[3]	<50[3]	<50[3]	<50[3]	<50[3]	<400[3]
	05/14/12**	6.36	333.91	327.55	250[6]	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/27/12	7.84	333.91	326.07	660	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/12	6.31	333.91	327.60	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/04/13	8.43	333.91	325.48	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DW-6	04/10/07	8.62	334.99	326.37	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/12/07	8.81	334.99	326.18	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/11/07	8.53	334.99	326.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/25/08	7.16	334.99	327.83	<50	<0.5	<0.5	<0.5	<0.5	--	--
	04/23/08	7.53	334.99	327.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/23/08	8.24	334.99	326.75	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/30/08	8.62	334.99	326.37	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/11/10	8.18	334.99	326.81	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	08/03/10	8.25	334.99	326.74	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	01/13/11	7.69	334.99	327.30	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	07/05/11	7.06	334.99	327.93	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/04/12	8.52	334.99	326.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	05/02/12	7.65	334.99	327.34	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	05/14/12	NM	334.99	NM	Not scheduled for sampling						
	09/27/12	8.54	334.99	326.45	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/12	7.26	334.99	327.73	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/04/13	9.40	334.99	325.59	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 2
GROUNDWATER ELEVATION AND ANALYTICAL SUMMARY
6310 Houston Place, Dublin, CA

Well Number	Date Collected	Depth to Water (feet)	Well Elevation (ft msl)	Groundwater Elevation (ft msl)	DRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)
DW-7	04/10/07	8.11	335.18	327.07	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/12/07	8.34	335.18	326.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/11/07	8.96	335.18	326.22	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/25/08	6.75	335.18	328.43	<50	<0.5	<0.5	<0.5	<0.5	--	--
	04/23/08	7.95	335.18	327.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	07/23/08	8.55	335.18	326.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/30/08	8.96	335.18	326.22	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/11/10	8.62	335.18	326.56	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	08/03/10	8.58	335.18	326.60	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/13/11	7.85	335.18	327.33	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	07/05/11	7.49	335.18	327.69	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	01/04/12	9.17	335.18	326.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<4.0[3]
	05/02/12	7.46	335.18	327.72	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
	05/14/12	NM	335.18	NM	Not scheduled for sampling						
	09/27/12	9.20	335.18	325.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/13/12	7.65	335.18	327.53	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/04/13	9.77	335.18	325.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Notes:
Data through January 11, 2010, reported by AEI Contultants.
Prior to 8/3/10, reported as TPH-D
* = Sample was collected as a split grab sample. Sample was forwarded to Alpha Analytical.
** = Sample was collected as a split grab sample. Sample was forwarded to Kiff Analytical.
-- = Not analyzed
NM = Not measured
DRO = total petroleum hydrocarbons as diesel (C13-C-22)
MTBE = methyl-tertiary butyl ether
µg/L = micrograms per liter
[1] = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.
[2] = DRO concentration may include contributions from heavier-end hydrocarbons that elute in the DRO range.
[3] = Reporting limits were increased due to sample foaming.
[4] = Discrete peaks in diesel range, atypical for diesel fuel.
[5] = Hydrocarbons are higher-boiling than typical diesel fuel.
[6] = Lower boiling hydrocarbons present, atypical for diesel fuel.

Analytical Laboratory / Method:
Alpha Analytical Laboratory
DRO by EPA Method 8015B
All others by EPA Method 8260B

TABLE 3
GROUNDWATER ANALYTICAL - DISSOLVED METALS SUMMARY
6310 Houston Place, Dublin, California

Well Number	Date Collected	Cu (µg/L)	As (µg/L)	Cd (µg/L)	Ba (µg/L)	Cr^{+6} (µg/L)	Cr (µg/L)	Fe (µg/L)	Se (µg/L)	Pb (µg/L)
DW-1	08/03/10	<10	9.4	<1.0	28	<1.0	6.8	7,300	<5.0	<5.0
	10/07/10	23	87	<1.0	21	1.6	17	5,200	<5.0	<5.0
	10/19/10	28	79	<1.0	20	<1.0	22	13,000	<5.0	6.3
	11/30/10	13	43.0	<1.0	32	<1.0	13	3,900	<5.0	<5.0
	01/13/11	49	41	<1.0	37	<1.0	72	35,000	<5.0	16
	05/09/12	<40	37	<4.0	<20	--	<20	1,200	<20	<20
	09/27/12	2.13	28.3	<1.0	11.6	<1.0	<1.0	94.6	<1.0	<1.0
	12/13/12	3.78	15.5	<1.0	20.8	<1.0	1.25	1,570	<1.0	<1.0
	11/04/13	2.47	9.92	<1.0	12.7	<1.0	<1.0	70	1.02	<1.0
DW-2	08/03/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/07/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/19/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/30/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/11	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/09/12	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/27/12	<1.0	43	<1.0	50.5	<1.0	<1.0	<50	<1.0	<1.0
	12/13/12	1.75	44.4	<1.0	35.6	<1.0	<1.0	1,910	<1.0	<1.0
	11/04/13	<1.0	38.3	<1.0	16	<1.0	<1.0	123	<1.0	<1.0
DW-3	08/03/10	<10	<2.0	<1.0	58	<1.0	<5.0	2,300	<5.0	<5.0
	10/07/10	13	6.4	<1.0	87	<1.0	6.3	2,600	<5.0	<5.0
	10/19/10	14	6.7	<1.0	96	<1.0	16	12,000	<5.0	<5.0
	11/30/10	<10	6.7	<1.0	76	<1.0	9.4	3,000	<5.0	<5.0
	01/13/11	14	5.4	<1.0	69	<1.0	29	16,000	<5.0	7.4
	05/09/12	<40	26	<4.0	62	--	<20	1,800	<20	<20
	09/27/12	<1.0	9.01	<1.0	62.9	<1.0	<1.0	410	<1.0	<1.0
	12/13/12	5.17	8.33	<1.0	77	<1.0	3.68	6,260	<1.0	1.37
	11/04/13	<1.0	10.7	<1.0	58	<1.0	<1.0	391	<1.0	<1.0
DW-4	08/03/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/07/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/19/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/30/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/11	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/09/12	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/27/12	2.07	11.7	<1.0	19.1	<1.0	<1.0	139	<1.0	<1.0
	12/13/12	3.74	11.7	<1.0	32.3	<1.0	2.02	3,420	1.14	<1.0
	11/04/13	1.57	31.5	<1.0	23.3	<1.0	<1.0	1,550	<1.0	<1.0

TABLE 3
GROUNDWATER ANALYTICAL - DISSOLVED METALS SUMMARY
6310 Houston Place, Dublin, California

Well Number	Date Collected	Cu (µg/L)	As (µg/L)	Cd (µg/L)	Ba (µg/L)	Cr^{+6} (µg/L)	Cr (µg/L)	Fe (µg/L)	Se (µg/L)	Pb (µg/L)
DW-5	08/03/10	<10	5.8	<1.0	48	<1.0	<5.0	540	<5.0	<5.0
	10/07/10	11	5.1	<1.0	53	<1.0	<5.0	640	<5.0	<5.0
	10/19/10	69	5.1	<1.0	53	<1.0	<5.0	1,700	<5.0	<5.0
	11/30/10	<10	5.5	<1.0	55	<1.0	8.5	1,200	<5.0	<5.0
	01/13/11	11	4.9	<1.0	69	<1.0	19	8,800	<5.0	<5.0
	05/09/12	<40	17	<4.0	45	--	<20	3,600	<20	<20
	09/27/12	2.12	31.7	<1.0	29.4	<1.0	<1.0	72	<1.0	<1.0
	12/13/12	3.41	22.9	<1.0	40.2	<1.0	1.59	2,620	1.29	<1.0
	11/04/13	1.88	26	<1.0	40.8	<1.0	<1.0	1,200	<1.0	<1.0
DW-6	08/03/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/07/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/19/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/30/10	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/13/11	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/09/12	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/27/12	1.73	3.12	<1.0	70.7	2.4	2.47	<50	<1.0	<1.0
	12/13/12	6.02	4.16	<1.0	87.3	3.1	10.4	3,710	1.09	1.50
	11/04/13	2.27	4.43	<1.0	66.5	2.0	2.46	<50	1.54	<1.0
DW-7	08/03/10	<10	5.6	<1.0	45	<1.0	45	29,000	5.7	15
	10/07/10	71	5.7	<1.0	51	<1.0	92	57,000	<5.0	<5.0
	10/19/10	69	4.2	<1.0	49	<1.0	110	69,000	<5.0	<5.0
	11/30/10	23	<2.0	<1.0	50	<1.0	42	21,000	<5.0	<5.0
	01/13/11	32	6.0	<1.0	48	<1.0	79	36,000	7.8	12
	05/09/12	<40	34	<4.0	71	--	30	3,400	<20	<20
	09/27/12	1.95	3.1	<1.0	66.8	<1.0	<1.0	<50	<1.0	<1.0
	12/13/12	18.1	6.83	<1.0	189	<1.0	24.7	13,300	<1.0	6.42
	11/04/13	2.54	4.07	<1.0	51.8	<1.0	<1.0	<50	1.69	<1.0

Notes:

µg/L = micrograms per liter
Cu = Copper
As = Arsenic
Cd = Cadmium
Ba = Barium
Cr = Chromium
Cr^{+6} = Hexavalent Chromium
Fe = Iron
Se = Selenium
Pb = Lead
NS = Not Sampled
--- = Not Analyzed

Analytical Laboratory / Method:

Cr6+ = Kiff Analytical by EPA Method 218.6
Remaining Metals = Calscience Enviornmental Laboratories by EPA method 200.8

Table 3, 6310 Houston Place, Dublin, CA
Groundwater Sample Analytical Data - Soil Borings

Sample ID	Sample Date	Sample Location	TPH-d µg/L *EPA Method 8015M*	MTBE µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L	MTBE µg/L *EPA Method 8260B*
						EPA Methods 5030 / 8020F			
8559-D[3']	10/27/2004	Dispenser	23,800	1.1	<0.5	<0.5	<0.5	1.8	-
8559-Water	10/27/2004	UST Excavation	300	3.8	<0.5	<0.5	<0.5	<1.0	-
SB-1-W	3/14/2006	Adjacent to tank	450,000	-	<0.5	<0.5	<0.5	<0.5	<0.5
SB-2-W	3/14/2006	Product Piping	4,100	-	<0.5	<0.5	<0.5	<0.5	<0.5
SB-3-W	3/14/2006	Downgradient	340,000	-	<0.5	<0.5	<0.5	<0.5	<0.5
SB-4-W	3/14/2006	Dispenser	17,000	-	<0.5	<0.5	<0.5	<0.5	<0.5
SB-5-W	3/14/2006	Downgradient	580,000	-	<0.5	<0.5	<0.5	<0.5	<0.5
RL	-	-	0.05	0.5	0.5	0.5	0.5	0.5	0.5

TPH-d = Total Petroleum Hydrocarbons as diesel
MtBE = Methyl tertiary-Butyl Ether
RL = Laboratory reporting limit
mg/L = milligrams per liter (equivalent to parts per million)
µg/L = micrograms per kilogram (equivalent to parts per billion)
UST = Underground Storage Tank
UST excavation and sampling routine performed by Golden Gate Tank Removal, Inc., October 2004.