

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-8577
(510) 567-6700
FAX (510) 337-9335

October 3, 2007

Valerie Schuster
C/o Saturn Retail of South Carolina
100 Renaissance Center
Mail Code: 482-A05-B45
Detroit, MI 48265-1000

D.M. Nohr
11 Twelve Oaks Drive
Pleasanton, CA 94588-8210

Subject: SLIC Case No. RO0002571 and Geotracker Global ID SL0600171090, Saturn of Pleasanton, 4340 Rosewood Drive, Pleasanton, CA 94588

Dear Valerie Schuster and D.M. Nohr:

This letter confirms the completion of site investigation and remedial actions for the soil and groundwater investigation at the above referenced site. We are also transmitting the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported releases at the subject site with the provision that the information provided to this agency was accurate and representative of existing conditions. The subject Spill, Leaks, Investigation, and Cleanup (SLIC) case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Soils in the area of the former oil water separator (OWS) contain residual total petroleum hydrocarbons (TPH) as gasoline at concentrations up to 39 parts per million (ppm) and TPH as diesel at concentrations up to 50 ppm.
- Groundwater in the area of the former OWS contains trichloroethene (TCE) at concentrations up to 120 parts per billion (ppb).
- Groundwater in the area of the former OWS contains TPH as diesel at concentrations up to 1,500 ppb.

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

Sincerely,

Donna L. Dragos, P.E.
LOP and SLIC Program Manager

Valerie Schuster
D.M. Nohr
RO0002571
October 3, 2007
Page 2

Enclosures: SLIC Case Closure Summary

cc: Cherie McCaulou (w/enc.), San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400, Oakland, CA 94612

Deena VanCamp (w/enc.), Remediation Team, 2000 Centerpoint Parkway, Mail Code: 483-520-190, Pontiac, MI 48341-3147

Martha Darnton (w/enc.), Conestoga-Rovers & Associates, 620 South Capitol Avenue, Suite 100, Lansing, MI 48933

Robert Siegfried (w/o enc.), Encore Environmental Consortium, LLC, 6723 Towpath Road, Box 66, Syracuse, NY 13214-0066

Jennifer Quigley (w/o enc.), Conestoga-Rovers & Associates, 620 South Capitol Avenue, Suite 100, Lansing, MI 48933

Cheryl Dizon (w/enc.), QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway, Livermore, CA 94551

Danielle Stefani (w/enc.), Livermore-Pleasanton Fire Department, 3560 Nevada Street, Pleasanton, CA 94566

City of Pleasanton Planning and Community Development (w/enc.), 200 Old Bernal Avenue, P.O. Box 520, Pleasanton, CA 94566-0802

Donna Drogos, ACEH
Jerry Wickham, ACEH
File RO2571

**CASE CLOSURE SUMMARY
SPILLS, LEAKS, INVESTIGATION, AND CLEANUP PROGRAM**

I. AGENCY INFORMATION

Date: July 17, 2007

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: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Saturn of Pleasanton		
Site Facility Address: 4340 Rosewood Drive, Pleasanton, CA 94588		
RB Case No.: --	Local Case No.: --	SLIC Case No.: RO0002571
URF Filing Date: 06/27/2003	Geotracker ID: SL0600171090	APN: 946-1100-049-00
Responsible Parties	Addresses	Phone Numbers
Val Schuster, c/o Saturn Retail of South Carolina	100 Renaissance Center, Mail Code: 482-A05-B45, Detroit, MI 48265-1000	
D.M. Nohr	11 Twelve Oaks Drive, Pleasanton, CA 94588-8210	

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
Oil/water separator	2,500 gallons	Wastewater	Removed	July 7 to July 31, 2003
		Piping	Not reported	July 7 to July 31, 2003

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. No holes, cracks, or other signs of failure were reported in the OWS during removal.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? Yes	Number: 1	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 16 feet bgs	Lowest Depth: 27 feet bgs	Flow Direction: South; based on regional hydraulic gradient
Most Sensitive Current Use: Drinking water source.		

Summary of Production Wells in Vicinity:

A private water supply well (3S/1E 5J6) is located approximately 300 feet west of the site. A well described as an "Other Designated Well," (3S/1E 5J6) is located approximately 600 feet southwest of the site. Based on the expected groundwater flow direction to the south and current extent of groundwater contamination, these wells are not expected to be receptors for the site. An abandoned supply well is located approximately 1,800 feet south southwest of the site. Based on the distance from the site, the abandoned supply well is not expected to be a receptor for the site.

Are drinking water wells affected? No	Aquifer Name: Camp Subbasin of Livermore-Amador Groundwater Basin
Is surface water affected? No	Nearest SW Name: Tassajara Creek is approximately 1,200 feet west of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and Livermore Pleasanton Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	Not applicable	Not applicable. Oil/water separator was removed and replaced.	Not applicable
Piping	Not reported	Not reported	---
Free Product	Not Observed	---	---
Soil	60 cubic yards	Transported off-site for disposal at Altamont Landfill in Livermore.	August 7 to August 11, 2003
Groundwater	---	Groundwater not encountered during removal of oil/water separator. Approximately 1,800 gallons of waste water was transported off-site to Altamont Landfill in Livermore for solidification and disposal.	July 8, 2003

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
 (Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	39	39	330	330
TPH (Diesel)	50	50	11,000/1,500(1)	11,000/1,500(1)
Oil & Grease	<50	<50	NA	NA
Benzene	0.0078	0.0078	6.3	6.3
Toluene	0.019	0.019	26	26
Ethylbenzene	0.0086	0.0086	<0.5	<0.5
Xylenes	0.067	0.067	19	19
Heavy Metals	6.1(2)	5.6(3)	NA	NA
MTBE	0.00057(4)	0.00057(4)	62(5)	62(5)
Other (8240/8270)	0.1(6)	0.1(6)	120(7)	120(7)

- 1) TPH as diesel = 11,000 ppb without silica gel cleanup and 1,500 ppb with silica gel cleanup for groundwater sample collected from location SB-VAS-1.
- 2) Lead = 6.1 ppm; cadmium = 3.2 ppm; chromium = 37 ppm; nickel = 41 ppm; and zinc = 50 ppm.
- 3) Lead = 5.6 ppm; cadmium = 2.9 ppm; chromium = 34 ppm; nickel = 41 ppm; and zinc = 50 ppm.
- 4) MTBE = 0.00057 ppm; TBA = 0.0051 ppm; TAME, DIPE, ETBE, EDB, and EDC <0.005 ppm.
- 5) MTBE = 62 ppb; TBA = 16 ppb; TAME = 0.7 ppb; DIPE <0.1 ppb; and ETBE <0.5 ppb; EDB and EDC <6 ppb.
- 6) TCE = 0.1 ppm; cis 1,2-DCE = 2.4 ppm; vinyl chloride <0.005 ppm; 1,4-dioxane <0.027 ppm. No SVOCs detected.
- 7) TCE = 120 ppb; cis 1,2-DCE = 47 ppb; vinyl chloride <1 ppb; 1,4-dioxane <0.45 ppb. No SVOCs detected.

Site History and Description of Corrective Actions:

The site is an active auto dealership consisting of a dealership and repair building and asphalt parking lot located within a mixed commercial and residential area. An oil/water separator (OWS) was removed and replaced at the site between July 7 and July 23, 2003. The OWS was excavated and removed for off-site disposal. During removal activities, 15 soil samples were collected from the sidewalls and bottom of the excavation under the direction of Livermore Pleasanton Fire Department. Approximately 60 cubic yards of impacted soil was transported off-site for disposal at Altamont Landfill in Livermore. A new OWS was installed in the same location in August 2003.

Prior to OWS removal, one soil boring (DP-11) was advanced adjacent to the OWS on December 2, 2002. One groundwater sample was collected from the boring, which was advanced to a depth of 28 feet bgs. Trichloroethene (TCE) was detected at a concentration of 120 ppb in the groundwater sample. Cis-1,2-dichloroethene (DCE), benzene, and TPH as gasoline were detected in the groundwater sample at concentrations of 17, 6.3, and 330 ppb, respectively. Based on the concentration of VOCs detected in groundwater, the OWS was removed and replaced in July 2003.

Eight direct push soil borings (SP-1 through SP-8) were advanced at the site to depths of 26 to 32 feet bgs in May 2003. Soil samples were logged and screened in the field but no soil samples were submitted for laboratory analyses. One groundwater sample was collected from each soil boring and analyzed. Based on results from the soil borings, the horizontal extent of VOCs, petroleum hydrocarbons, and fuel oxygenates in groundwater was delineated to the north, west, and east but was not defined to the south.

Additional investigation was conducted between November 17 and December 8, 2005 to delineate the vertical extent of contamination and the horizontal extent of contamination to the south. One boring (VAS-1) was advanced to a depth of 75 feet bgs within the area of known TCE contamination north of the OWS to collect soil and depth-discrete groundwater samples. TCE was detected in groundwater from boring VAS-1 at concentrations of 1.1 ppb at 40 to 45 feet bgs and 0.87 ppb at 50 to 55 feet bgs. TCE was not detected in the lowermost groundwater sample collected at a depth of 70 to 75 feet bgs. TPH as diesel was detected at a concentration of 11,000 ppb in the groundwater sample collected at a depth of 40 to 45 feet bgs. After a silica gel cleanup was performed, the groundwater sample was re-analyzed and the result was 1,500 ppb for TPH as diesel. TPH as diesel was also detected at a concentration of 630 ppb in the groundwater sample collected at a depth of 70 to 75 feet bgs. The fuel oxygenates MTBE and TBA were detected in groundwater samples collected from boring VAS-1 at concentrations ranging from 4.7 to 12 ppb and 7.1 to 16 ppb, respectively.

Boring VAS-2 was advanced to a depth of 50 feet bgs at a location approximately 40 feet south (downgradient) of the OWS. TCE was detected in groundwater from boring VAS-2 at concentrations of 4.3 ppb at 30 to 35 feet bgs and 3.7 ppb at 38 to 43 feet bgs but was not detected at a depth of 50 to 55 feet bgs. MTBE was detected in groundwater samples collected from boring VAS-2 at concentrations ranging from 2.7 to 20 ppb. Based on the soil and groundwater data collected between December 2002 and December 2005, the extent of VOCs, petroleum hydrocarbons, and fuel oxygenates has been delineated for the site.

Monitoring well MW-1 was installed in the southwest corner of the site to evaluate whether groundwater contamination from the site may be migrating off-site toward the water supply wells west and southwest of the site. The well was sampled on April 14, 2007 using low flow sampling methods. VOCs and TPH were not detected in the groundwater sample.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? ---		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? ---		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: None		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: <i>10</i>
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

Residual petroleum hydrocarbons, fuel oxygenates, and VOCs are present in shallow soil and groundwater in the vicinity of the OWS. The residual soil and groundwater contamination is limited in extent and is not expected to affect existing water supply wells in the area or present a threat to future groundwater quality in the area. Based on the relatively low concentrations and limited extent of petroleum hydrocarbons, fuel oxygenates, and VOCs detected in soil within the source area, groundwater concentrations are expected to decrease over time due to natural attenuation.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Hazardous Materials Specialist
Signature: <i>Jerry Wickham</i>	Date: 10/18/06
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: <i>Donna L. Drogos</i>	Date: 10/18/06

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 NOTIFICATION

Regional Board Staff Name: <i>Charlie McCaulou</i>	Title: <i>Engineering Geologist</i>
RB Response: <i>Concur, based solely upon information contained in this case closure summary.</i>	Date Submitted to RB:
Signature: <i>Charlie McCaulou</i>	Date: <i>7/25/07</i>

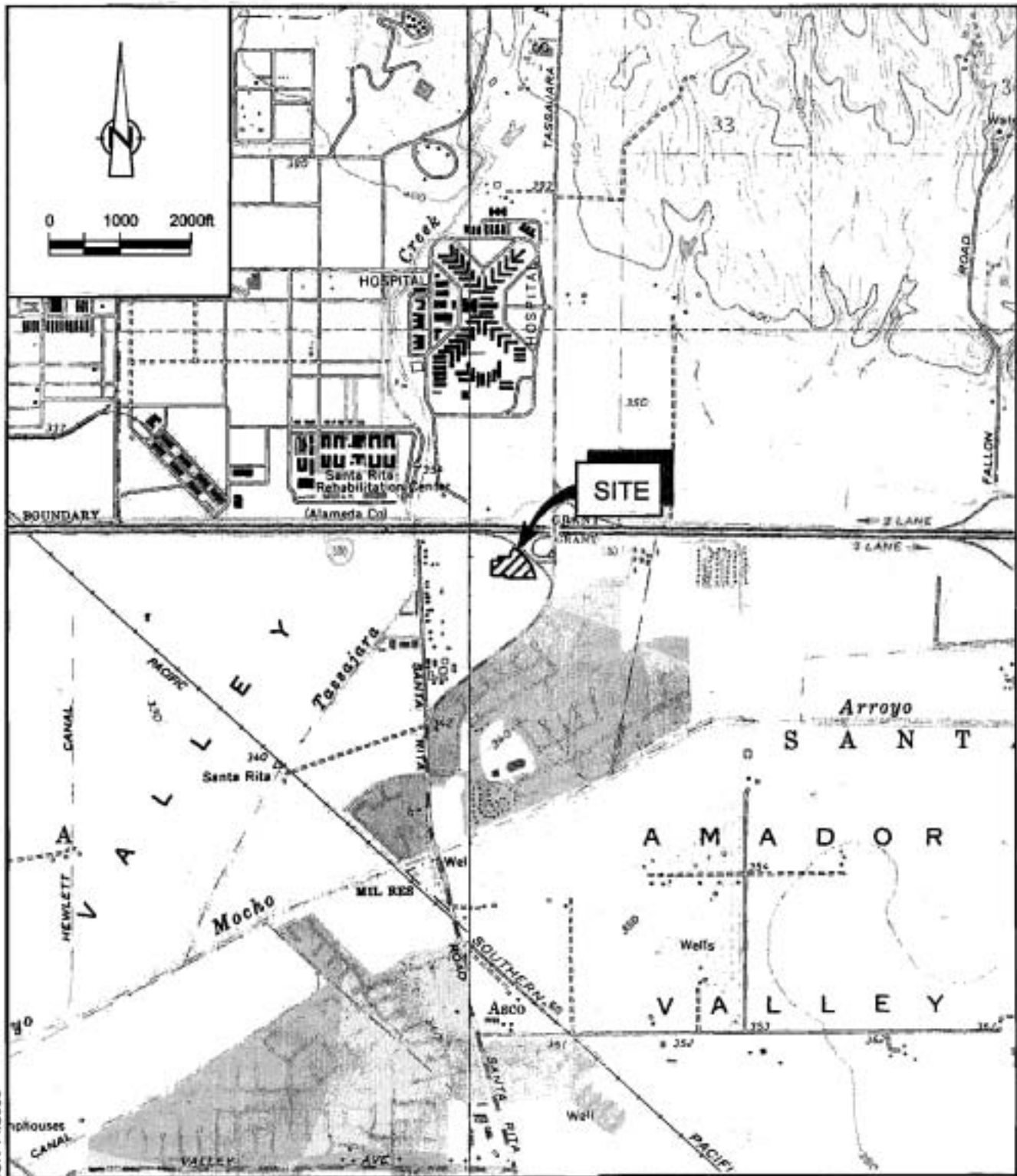
VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: <i>07/27/07</i>	Date of Well Decommissioning Report: <i>09/20/07</i>	
All Monitoring Wells Decommissioned: <input checked="" type="radio"/> Yes <input type="radio"/> No	Number Decommissioned: <i>1</i>	Number Retained: <i>0</i>
Reason Wells Retained: <i>NA</i>		
Additional requirements for submittal of groundwater data from retained wells: <i>NA</i>		
ACEH Concurrence - Signature: <i>Jerry Wickham</i>	Date: <i>10/03/07</i>	

Attachments:

1. Site Location Map and Site Plan (2 pages)
2. Soil Boring and VAS Locations; Cross Section A-B Plan; Sample Locations Map; Monitoring Well Location Map; and Zone 7 Well Location Map (5 pages)
3. Cross Section A-B; Summary of Current and Historic Soil Detections; and Summary of Current and Historic Groundwater Detections (3 pages)
4. Sample Summary (1 page)
5. Summary of Soil Analytical Data (2 pages)
6. Summary of Groundwater Analytical Data (3 pages)
7. Boring Logs (19 pages)

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.



17366-208(126)GN-DE001 JUN 14/2006

SOURCE: USGS QUADRANGLE MAP;
LIVERMORE AND DUBLIN, CALIFORNIA

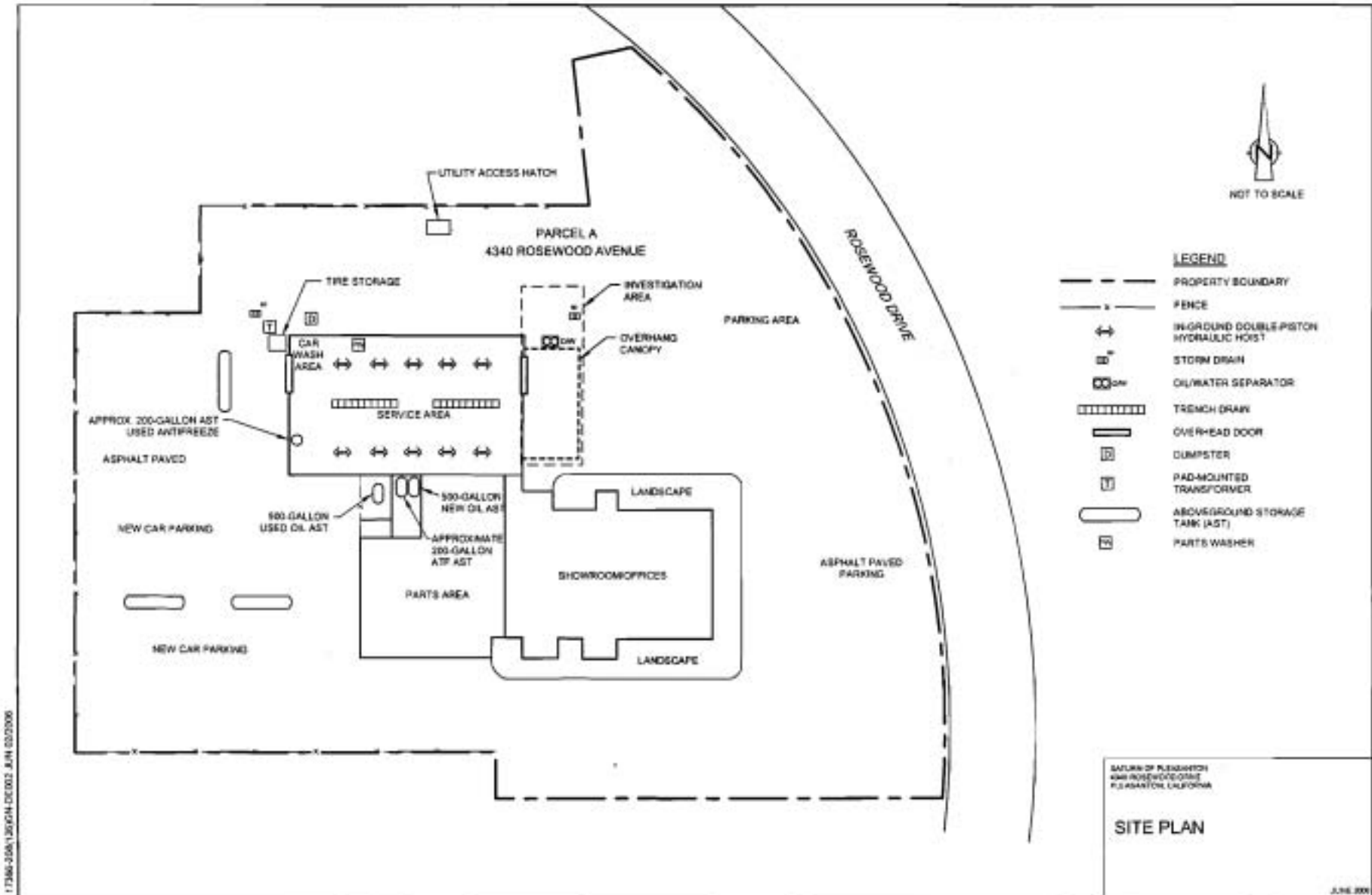


SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

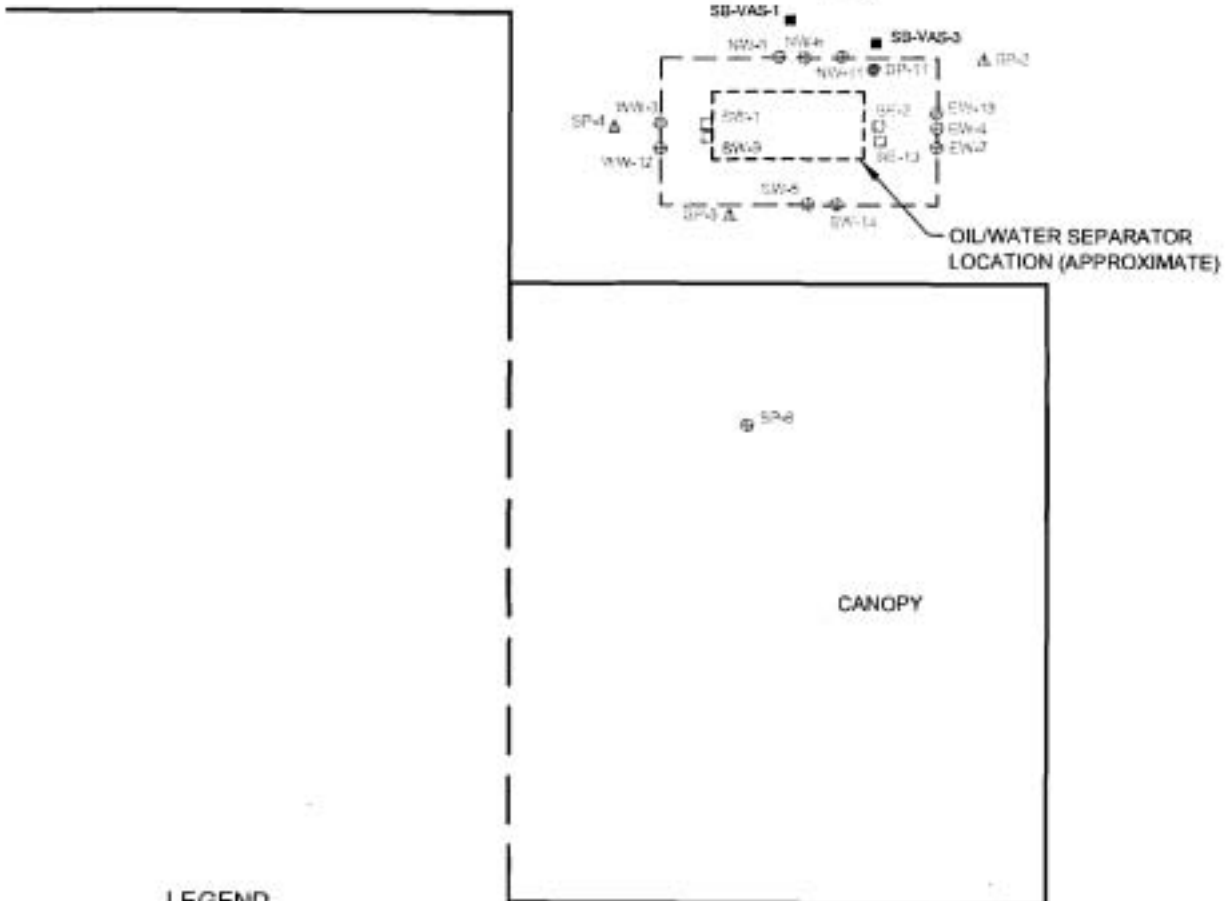
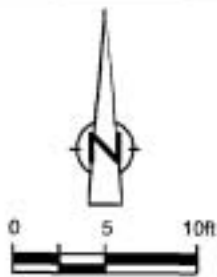
SITE LOCATION

SCALE: 1"=200'

JUNE 2006



17386-358/136/04-DE002_A.01 02/02/06



LEGEND

- EXCAVATION LIMIT
- SB-VAS-1 SOIL BORING LOCATION (2005)
- ⊕ EW-13 APPROXIMATE SIDEWALL VERIFICATION SAMPLE LOCATION (JULY 2003)
- SE-10 APPROXIMATE FLOOR VERIFICATION SAMPLE LOCATION (JULY 2003)
- ⊕ SP-6 APPROXIMATE SOIL BORING LOCATION (5-28-03)
- △ SP-1 APPROXIMATE SOIL BORING LOCATION (5-13-03)
- ⊕ DP-11 APPROXIMATE SOIL BORING LOCATION (12-2-02)
- SB-VAS-2

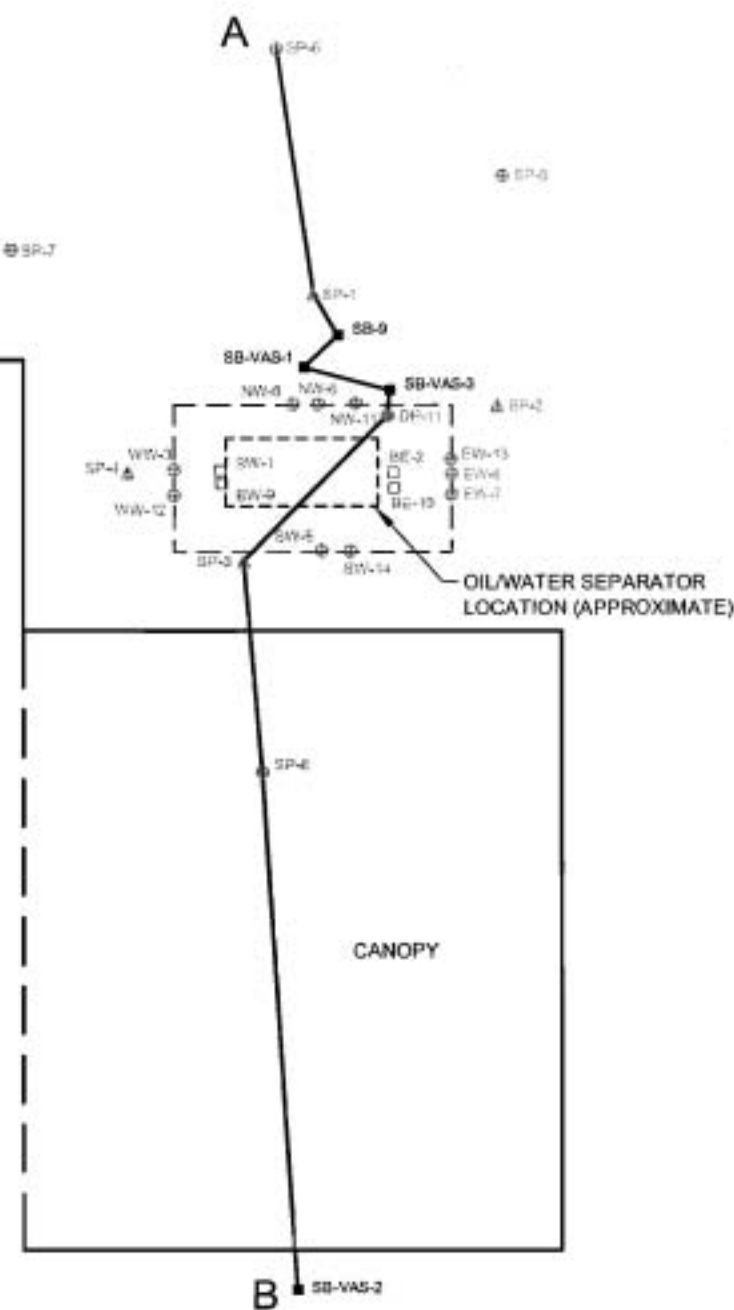
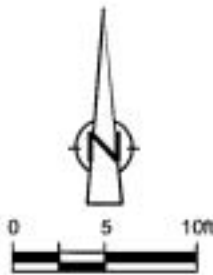
SATURN OF PLEASANTON
 4340 ROSEWOOD DRIVE
 PLEASANTON, CALIFORNIA

**SOIL BORING AND
 VAS LOCATIONS**

SCALE: 1" = 10'

JUNE 2006

17366-208(126)GIN-DE003 JUN 14/2006



LEGEND

- EXCAVATION LIMIT
- SB-VAS-1 SOIL BORING LOCATION (2005)
- ⊕ EW-13 APPROXIMATE SIDEWALL VERIFICATION SAMPLE LOCATION (JULY 2003)
- BE-10 APPROXIMATE FLOOR VERIFICATION SAMPLE LOCATION (JULY 2003)
- ⊕ SP-5 APPROXIMATE SOIL BORING LOCATION (5-28-03)
- △ SP-1 APPROXIMATE SOIL BORING LOCATION (5-13-03)
- ⊕ DP-11 APPROXIMATE SOIL BORING LOCATION (12-2-02)
- A — B CROSS SECTION LOCATION

SATURN OF PLEASANTON
 4340 ROSEWOOD DRIVE
 PLEASANTON, CALIFORNIA

CROSS SECTION A-B (PLAN)

SCALE: 1" = 10'

JUNE 2006

17366-208(125)GN-DE006 JUN 14/2006

SAMPLE LOCATION LEGEND

ROUND 1 (7/8/03)

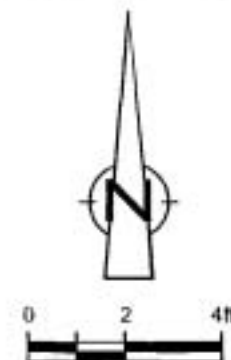
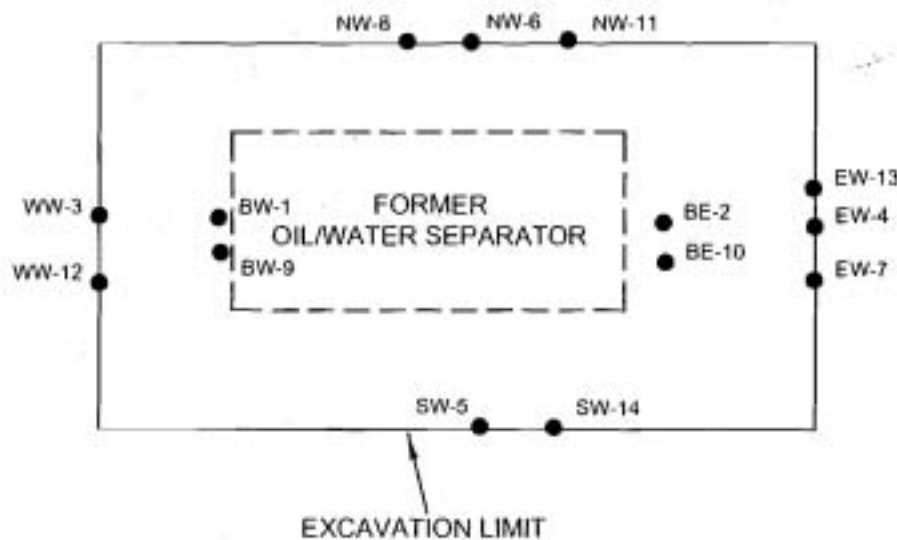
- BW-1 WEST EXCAVATION BOTTOM (13.5')
- BE-2 EAST EXCAVATION BOTTOM (13.5')
- WW-3 WEST SIDEWALL (10')
- EW-4 EAST SIDEWALL (10.5')
- SW-5 SOUTH SIDEWALL (10')
- NW-6 NORTH SIDEWALL (10.5')

ROUND 2 (7/11/03)

- EW-7 EAST SIDEWALL (10.5')
- NW-8 NORTH SIDEWALL (10')

ROUND 3 (7/22/03)

- BW-9 WEST EXCAVATION BOTTOM (13.5')
- BE-10 EAST EXCAVATION BOTTOM (13.5')
- WW-12 WEST SIDEWALL (10')
- EW-13 EAST SIDEWALL (10.5')
- SW-14 SOUTH SIDEWALL (10')
- NW-11 NORTH SIDEWALL (10.5')



NOTE:

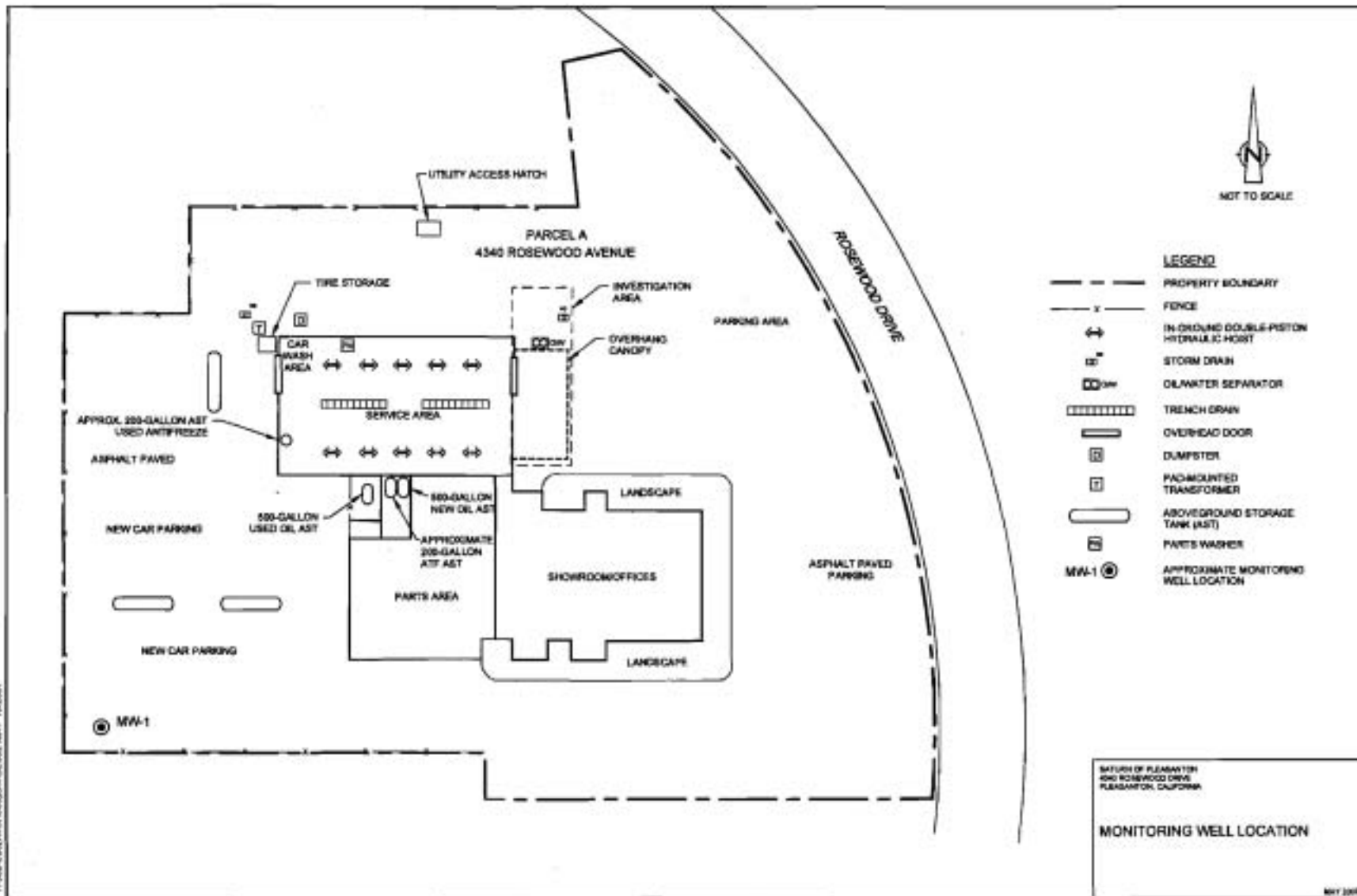
ALL SAMPLE LOCATIONS SHOWN ARE APPROXIMATE

SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

SAMPLE LOCATIONS

SCALE: 1"=4'

DATE: JULY, 2003



LEGEND	
--- --	PROPERTY BOUNDARY
- - - -	FENCE
↔	IN-GROUND DOUBLE-PISTON HYDRAULIC HOIST
☑	STORM DRAIN
☑	OIL/WATER SEPARATOR
	TRENCH DRAIN
▭	OVERHEAD DOOR
☑	DUMPSTER
☑	PADMOUNTED TRANSFORMER
▭	ABOVEGROUND STORAGE TANK (AST)
☑	PARTS WASHER
⊙ MW-1	APPROXIMATE MONITORING WELL LOCATION

SATURN OF PLEASANTON
 4343 ROSEWOOD DRIVE
 PLEASANTON, CALIFORNIA

MONITORING WELL LOCATION

17288-2001WCH-000001A-002 MAY 1 2007

MAY 2007
 FIGURE

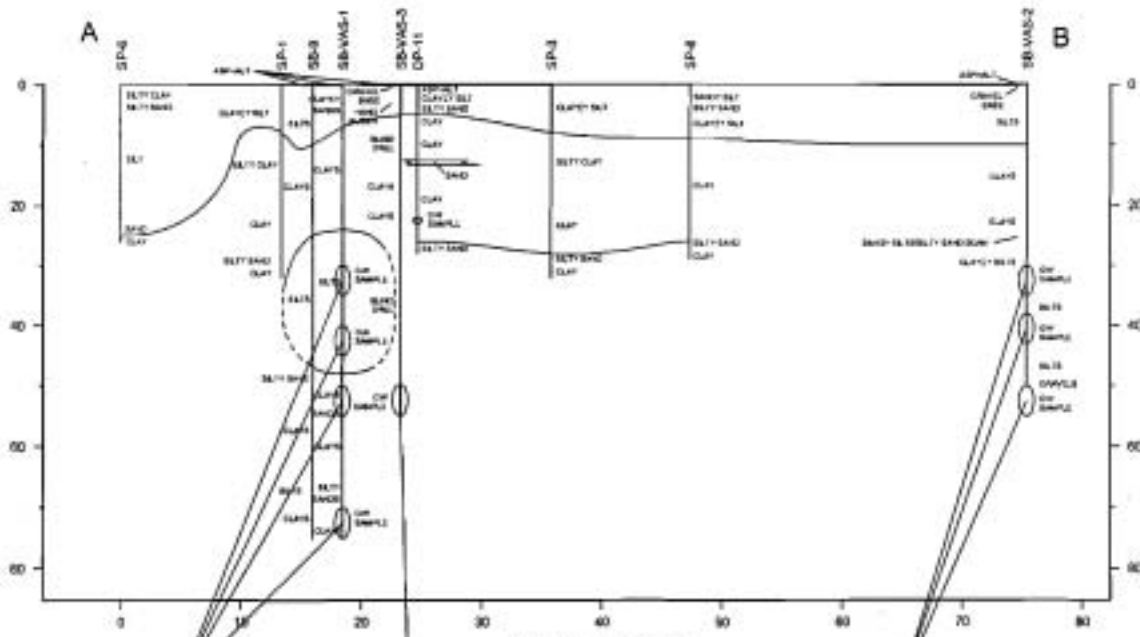


SCALE: 1"= 500 ft
DATE: 2/15/02
OLD SANTA RITA RD
M:\FLOOD\REFERRALS\REFERRALS.WOR

WELL LOCATION MAP

**ZONE 7 WATER AGENCY
100 NORTH CANYONS PARKWAY
LIVERMORE, CA 94551**





- LEGEND**
- RESULT EXCEEDS INDICATED GROUNDWATER SCREENING LEVEL
 - ESTIMATED VALUE
 - RESULT QUALIFIED QUANTITATIVE BLANK CORRECTION
 - SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD'S BAY AREA GROUNDWATER SCREENING LEVELS (TABLE 1.1)
 - NOT DETECTED

SB-VAS-1	10/10/05	SAMPLE DATE
30-55 ft	30-55 ft	DEPTH (ft)
VOC	10/10/05	DATE
Methyl Tert Butyl Ether	4.38 (0.5)	PARAMETER

HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=20'

SB-VAS-1	11/19/05 30-55 ft	11/19/05 40-55 ft	11/19/05 55-55 ft	11/19/05 70-75 ft
Field Flow	591 (472.5)	1189 (4100.0)	-	500 (361.5)
Total Petroleum Hydrocarbons - aromatic (DRO)	-	-	-	-
VOC	-	-	-	-
1,1-Dichloroethane	5.0	5.5	2.1	5.8
1,1-Dichloroethene	-	-	30.2	28.3
1,1,1-Trichloroethane	12 (21.5)	12 (413.2)	9.4 (269.2)	4.7 (24.8)
1,1,2-Dichloroethane	0.7	0.9	0.25	-
1,2-Dichloroethane	18 (4)	14 (6)	8.4 (2)	7.1 (4)
1,2-Dichloroethene	-	-	25	-
1,1,2,2-Tetrachloroethane	-	22.4	-	72
1,1,1,2-Tetrachloroethane	1.8	5.1	0.87	-

SB-VAS-2	10/10/05 30-55 ft
VOC	-
Methyl Tert Butyl Ether	4.38 (0.5)

SB-VAS-2	12/1/05 30-55 ft	12/1/05 30-43 ft	12/1/05 50-55 ft
Field Flow	-	488 (4)	-
Total Petroleum Hydrocarbons - aromatic (DRO)	-	-	-
VOC	-	-	-
1,1-Dichloroethane	0.82	0.28	-
1,1-Dichloroethene	0.07	0.18	-
1,1,1-Trichloroethane	0.12	-	-
1,1,2-Dichloroethane	0.17	-	-
1,2-Dichloroethane	0.17	-	-
1,2-Dichloroethene	20 (5)	0.8 (5)	2.7
1,1,2,2-Tetrachloroethane	0.47	-	-
1,1,1,2-Tetrachloroethane	14 (5)	0.6 (5)	-
1,1,2,2-Tetrachloroethane	0.48	0.22	-
1,1,2,2-Tetrachloroethane	-	5.18	-
1,1,2,2-Tetrachloroethane	0.18	-	-
1,1,2,2-Tetrachloroethane	4.3	0.7	-
1,1,2,2-Tetrachloroethane	0.00 (5)	-	-

SATURN OF PLEASANTON
4300 PLEASANTON DRIVE
PLEASANTON, CALIFORNIA

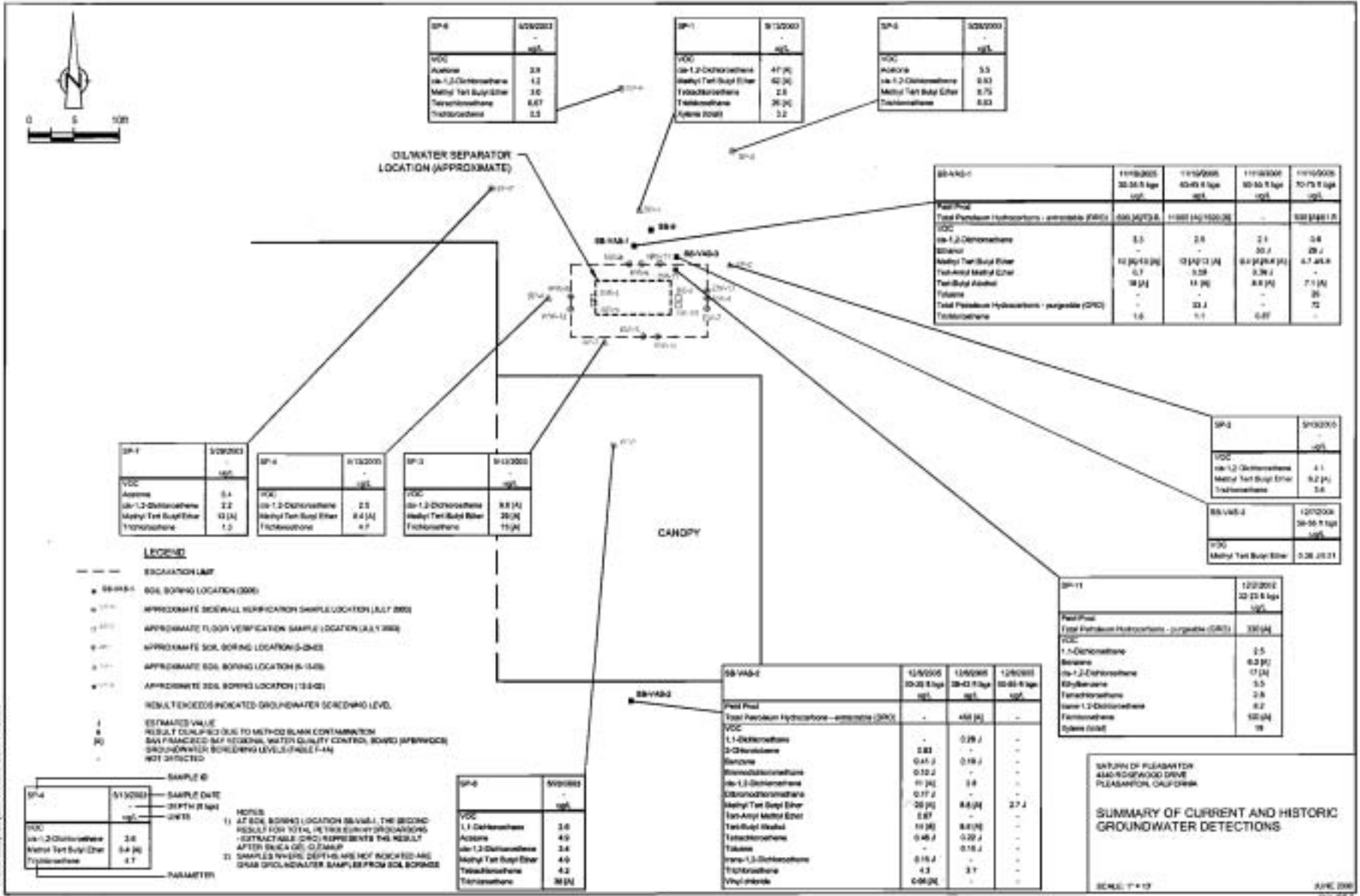
CROSS SECTION A-B (PROFILE)

SCALE AS SHOWN

JAN 2006

11/19/05 CONTINUOUS DEPTH AND LOCATION

172566-2081125 (CN-WA06) JUN 14/2008



SP-6	5/13/2003	ug/L
VOC	-	-
Aroclor	2.8	
o,p'-Dichlorobenzene	1.2	
Methyl Tert Butyl Ether	3.0	
Tetrahydrofuran	6.67	
Trichlorobenzene	2.5	

SP-7	8/12/2003	ug/L
VOC	-	-
o,p'-1,2-Dichlorobenzene	47 (L)	
Methyl Tert Butyl Ether	42 (L)	
Tetrahydrofuran	2.5	
Trichlorobenzene	26 (L)	
Styrene (total)	3.2	

SP-8	10/29/2003	ug/L
VOC	-	-
Aroclor	5.5	
o,p'-1,2-Dichlorobenzene	0.3	
Methyl Tert Butyl Ether	0.75	
Trichlorobenzene	0.3	

SP-10-1	11/19/2005	11/19/2005	11/19/2005	11/19/2005
	30-35 ft lgs	45-50 ft lgs	50-55 ft lgs	70-75 ft lgs
Field/Flow	-	-	-	-
Total Petroleum Hydrocarbons - aromatic (TPH)	500 (L)(T) (L)	1100 (L)(T) (L)	-	500 (L)(L) (L)
VOC	-	-	-	-
o,p'-1,2-Dichlorobenzene	5.5	2.5	2.1	2.8
Benzene	-	-	30.1	39.2
Methyl Tert Butyl Ether	12 (L)(L) (L)	12 (L)(L) (L)	8.2 (L)(L) (L)	4.7 (L)(L)
Tetrahydrofuran	0.7	0.28	0.39 (L)	-
Tert Butyl Alcohol	18 (L)	11 (L)	8.8 (L)	7.1 (L)
Toluene	-	-	-	26
Total Petroleum Hydrocarbons - n-alkane (TPH)	-	33.1	-	72
Trichlorobenzene	1.6	1.1	0.87	-

SP-1	5/29/2003	ug/L
VOC	-	-
Aroclor	6.4	
o,p'-1,2-Dichlorobenzene	2.2	
Methyl Tert Butyl Ether	11 (L)	
Trichlorobenzene	1.2	

SP-4	8/12/2003	ug/L
VOC	-	-
o,p'-1,2-Dichlorobenzene	2.5	
Methyl Tert Butyl Ether	8.4 (L)	
Trichlorobenzene	4.7	

SP-3	8/12/2003	ug/L
VOC	-	-
o,p'-1,2-Dichlorobenzene	8.8 (L)	
Methyl Tert Butyl Ether	26 (L)	
Trichlorobenzene	11 (L)	

SP-4	5/13/2003	ug/L
VOC	-	-
o,p'-1,2-Dichlorobenzene	4.1	
Methyl Tert Butyl Ether	5.2 (L)	
Trichlorobenzene	2.6	

SB-VAS-2	12/22/2005	ug/L
VOC	-	-
Methyl Tert Butyl Ether	0.26 (L) (L)	

SP-11	12/22/2005	ug/L
Field/Flow	-	-
Total Petroleum Hydrocarbons - n-alkane (TPH)	30 (L)	
VOC	-	-
1,1-Dichloroethane	2.5	
Benzene	6.2 (L)	
o,p'-1,2-Dichlorobenzene	11 (L)	
Ethylbenzene	5.5	
Tetrahydrofuran	2.8	
o,p'-1,2-Dichlorobenzene	0.2	
Trichlorobenzene	10 (L)	
Styrene (total)	18	

SB-VAS-2	12/8/2005	1/5/2006	12/8/2005
	30-35 ft lgs	30-43 ft lgs	50-55 ft lgs
Field/Flow	-	-	-
Total Petroleum Hydrocarbons - aromatic (TPH)	-	450 (L)	-
VOC	-	-	-
1,1-Dichloroethane	-	0.29 (L)	-
2-Chlorobenzene	0.83	-	-
Benzene	0.41 (L)	0.19 (L)	-
Bromodichloroethane	0.12 (L)	-	-
o,p'-1,2-Dichlorobenzene	11 (L)	1.8	-
Dibromodichloroethane	0.17 (L)	-	-
Methyl Tert Butyl Ether	20 (L)	4.8 (L)	2.7 (L)
Tetrahydrofuran	0.67	-	-
Trichlorobenzene	0.46 (L)	0.22 (L)	-
Toluene	-	0.15 (L)	-
o,p'-1,2-Dichlorobenzene	0.16 (L)	-	-
Trichlorobenzene	4.3	3.7	-
Vinyl chloride	0.00 (L)	-	-

SP-6	5/13/2003	ug/L
VOC	-	-
1,1-Dichloroethane	2.0	
Aroclor	4.0	
o,p'-1,2-Dichlorobenzene	3.4	
Methyl Tert Butyl Ether	4.0	
Trichlorobenzene	4.2	
Trichlorobenzene	3 (L)	

- LEGEND**
- EXCAVATION LIMIT
 - SB-SP-4 SOIL BORING LOCATION (2005)
 - APPROXIMATE SIDEWALL VERIFICATION SAMPLE LOCATION (JULY 2005)
 - APPROXIMATE FLOOR VERIFICATION SAMPLE LOCATION (JULY 2005)
 - APPROXIMATE SOIL BORING LOCATION (2-04)
 - APPROXIMATE SOIL BORING LOCATION (8-13/05)
 - APPROXIMATE SOIL BORING LOCATION (12-02)
 - ! RESULT EXCEEDS INDICATED GROUNDWATER SCREENING LEVEL.
 - ! ESTIMATED VALUE
 - (L) RESULT OBTAINED DUE TO METHOD BLANK CONTAMINATION
 - (L) ANALYZED BY REGIONAL WATER QUALITY CONTROL, BOWEN (MFWQCC)
 - (L) GROUNDWATER SCREENING LEVELS (TABLE 1-4)
 - NOT DETECTED

SP-4	SAMPLE DATE		DEPTH	PARAMETER
	5/13/2003	5/13/2003		
VOC	-	-	10 FT	
o,p'-1,2-Dichlorobenzene	2.8		10 FT	
Methyl Tert Butyl Ether	5.4 (L)		10 FT	
Trichlorobenzene	4.7		10 FT	

- NOTES**
- 1) AT SOIL BORING LOCATION SB-VAS-1, THE SECOND RESULT FOR TOTAL PETROLEUM HYDROCARBONS - AROMATIC (TPH) SUBSTITUTES THE RESULT AFTER SKIN (OIL) CLEANUP.
 - 2) SAMPLES WHERE DEPTHS ARE NOT INDICATED ARE DEEP GROUNDWATER SAMPLES FROM SOIL BORINGS.

SUBDIVISION OF PLEASANTON
 4540 ROSEWOOD DRIVE
 PLEASANTON, CALIFORNIA

**SUMMARY OF CURRENT AND HISTORIC
 GROUNDWATER DETECTIONS**

TABLE 1

SAMPLE SUMMARY (2005)
SATURN OF PLEASANTON
4340 ROSEWOOD BOULEVARD
PLEASANTON, CALIFORNIA

<u>Sample Identification</u>	<u>Sample Location</u>	<u>Sample Depth (ft. bgs)</u>	<u>Matrix</u>	<u>Analysis ⁽¹⁾</u>
S-17366-111905-MM-001	SB-9	15-20	Soil	TCL VOC, TPH-DRO, 1,4 - Dioxane
S-17366-111905-MM-002	SB-9	20-25	Soil	TCL VOC, TPH-DRO, 1,4 - Dioxane
S-17366-111905-MM-003	SB-VAS-1	15-20	Soil	TCL VOC, TPH-DRO, 1,4 - Dioxane
S-17366-111905-MM-004	SB-VAS-1	20-25	Soil	TCL VOC, TPH-DRO, 1,4 - Dioxane
GW-17366-111905-MM-005	SB-VAS-1	30-35	Water	TCL VOC, TPH-GRO, TPH-DRO, 1,4 - Dioxane
GW-17366-111905-MM-006	SB-VAS-1	40-45	Water	TCL VOC, TPH-GRO, TPH-DRO, 1,4 - Dioxane
GW-17366-111905-MM-007	SB-VAS-1	50-55	Water	TCL VOC, TPH-GRO
GW-17366-111905-MM-008	SB-VAS-1	70-75	Water	TCL VOC, TPH-GRO, TPH-DRO, 1,4 - Dioxane
TB-17366-111905-MM-011	--	--	Water	TCL VOC
S-120705-RTS-001	SB-VAS-3	15-19	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates ⁽²⁾
S-120705-RTS-002	SB-VAS-3	20-24	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates ⁽²⁾
GW-120705-RTS-003	SB-VAS-3	50-55	Water	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates ⁽²⁾
S-120805-RTS-004	SB-VAS-2	13-17	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates ⁽²⁾
S-120805-RTS-005	SB-VAS-2	17-21	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates ⁽²⁾
S-120805-RTS-006	SB-VAS-2	21-25	Soil	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates ⁽²⁾
GW-120805-RTS-007	SB-VAS-2	30-35	Water	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates ⁽²⁾
GW-120805-RTS-008	SB-VAS-2	38-43	Water	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates ⁽²⁾
GW-120805-RTS-009	SB-VAS-2	50-55	Water	TCL VOC, TPH-GRO, TPH-DRO, Oxygenates ⁽²⁾

Notes:

⁽¹⁾ Samples were transported under chain of custody (COC) protocol to STL Laboratories (STL), located in Pleasanton, California to be analyzed within a 72-hour TAT.

⁽²⁾ Oxygenates include: tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), diisopropyl ether (DIPE) and tertiary butanol (TBA)
TCL VOCs - Target Compound List Volatile Organic Compounds
TPH-GRO - Total Petroleum Hydrocarbons as Gasoline Range Organics
TPH-DRO - Total Petroleum Hydrocarbons as Diesel Range Organics
ft. bgs - feet below ground surface

ATTACHMENT 4

TABLE 1
SUMMARY OF DETECTED PARAMETERS IN SOIL SAMPLES
SUBURB OF PLEASANTON
440 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

Sample Location Sample ID Sample Desc Sample Depth Sample Type	SF Bay RWQCB ESLs for Deep Soil + In Sgs. C/P 0 + + Criteria or Potential Drinking Water Scenario EPA/WHO ⁽¹⁾		SBA E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40)		SBA E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40)		SBA E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40)		SBA E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40)		SBA E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40) E-17364 ((198)MM-40)	
	a	b	05-28	06-15	05-28	06-15	05-15	07-25	05-15	05-15	05-28	06-15
Metals												
Cadmium	mg/kg	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium Total	mg/kg	58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	750	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	2800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Polycyclic Aromatic Hydrocarbons												
Total Polycyclic Hydrocarbons - extractable (EPC)	mg/kg	180	ND(0.95)	ND(0.96)	ND(0.95)	ND(0.95)	2.2	ND(0.95)	5	1.1	ND(0.97)	
Total Polycyclic Hydrocarbons - paraffinic (PAC)	mg/kg	180	NS	NS	NS	NS	ND(0.95)	ND(0.95)	ND(0.95)	0.028	0.014	
PFAS												
Dialkyl Hexafluorides	mg/kg		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PAHs												
1,1-Dibenzofluorene	mg/kg	7.8	ND(0.0054)	ND(0.0058)	ND(0.0050)	ND(0.0077)	ND(0.0064)	ND(0.0079)	ND(0.0061)	0.0017	0.0086	
1,2,4-Dibenzofluorene	mg/kg	0.35	ND(0.0010)	ND(0.0014)	ND(0.0010)	ND(0.0014)	ND(0.0016)	ND(0.0019)	ND(0.0016)	ND(0.0014)	ND(0.0015)	
1,2,4-Dimethylbenzofluorene	mg/kg	NC	ND(0.0090)	ND(0.0087)	ND(0.0083)	ND(0.0085)	ND(0.0085)	ND(0.0088)	ND(0.0085)	ND(0.0083)	ND(0.0088)	
1,2,5-Dibenzofluorene	mg/kg	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Acenaphthene	mg/kg	6.5	ND(0.0121)	ND(0.0121)	ND(0.0141)	ND(0.0125)	ND(0.0099)	ND(0.0092)	ND(0.0098)	ND(0.0087)	ND(0.0091)	
Benzo[a]anthracene	mg/kg	0.044	ND(0.0014)	ND(0.0020)	ND(0.0012)	ND(0.0012)	ND(0.0020)	ND(0.0020)	ND(0.0017)	ND(0.0025)	ND(0.0020)	
Benzo[b]fluoranthene (Market Basket)	mg/kg	0.12	ND(0.0024)	ND(0.0029)	ND(0.0018)	ND(0.0028)	0.0006	0.0021	0.0019	ND(0.0028)	0.0017	
Carbon Disulfide	mg/kg	NC	ND(0.012)	ND(0.014)	ND(0.011)	ND(0.011)	ND(0.015)	ND(0.004)	ND(0.014)	ND(0.001)	ND(0.014)	
1,2,3,4-Dibenzoperylene	mg/kg	0.19	ND(0.0076)	ND(0.0081)	ND(0.0078)	ND(0.0076)	ND(0.0088)	ND(0.0081)	ND(0.0085)	0.0021	ND(0.0081)	
Cyrene	mg/kg	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Ethylbenzene	mg/kg	3.1	ND(0.0024)	ND(0.0026)	ND(0.0025)	ND(0.0025)	0.0001	ND(0.0020)	ND(0.0017)	ND(0.0025)	ND(0.0025)	
Isopropylbenzene	mg/kg	NC	ND(0.0099)	ND(0.011)	ND(0.01)	ND(0.011)	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.01)	ND(0.011)	
Methyl cyclohexane	mg/kg	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Methyl Tertiary Butyl Ether	mg/kg	0.613	ND(0.0028)	ND(0.0031)	ND(0.0030)	0.0014	ND(0.0098)	ND(0.0091)	ND(0.0070)	ND(0.0086)	ND(0.0089)	
Methylcyclohexane	mg/kg	0.077	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
Toluene	mg/kg	0.987	ND(0.01)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	
1,2,3,4-Tetrahydronaphthalene	mg/kg	2.9	0.019	0.018	0.018	0.017	0.026	0.0082	0.0089	0.0081	0.0089	
1,2,3,4-Tetrahydronaphthalene	mg/kg	0.07	ND(0.0089)	ND(0.0092)	ND(0.0088)	ND(0.0089)	ND(0.01)	ND(0.0092)	ND(0.0095)	ND(0.0088)	ND(0.0092)	
Trichlorobenzene	mg/kg	0.20	ND(0.0065)	ND(0.0068)	0.0017	0.0017	0.001	0.0081	ND(0.0075)	0.001	0.002	
Toluene (Total)	mg/kg	NC	ND(0.01)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	
Xylene (total)	mg/kg	2.1	ND(0.0075)	ND(0.0078)	ND(0.0076)	ND(0.0077)	0.0014	0.0027	ND(0.0085)	ND(0.0078)	ND(0.0078)	

Notes:
(1) Source: Table C-1, Appendix 1, "Summary for Environmental Concerns At Sites With Contaminated Soil and Groundwater - Interim Final February 2007"
(2) Source: Table C-2, Appendix 1, "Summary for Environmental Concerns At Sites With Contaminated Soil and Groundwater - Interim Final February 2007"
SF Bay RWQCB - San Francisco Bay Regional Water Quality Control Board
EPC - Total Polycyclic Hydrocarbons - Extractable
PAC - Total Polycyclic Hydrocarbons - Paraffinic
VOCs - Volatile Organic Compounds
PAHs - Polycyclic Aromatic Hydrocarbons
NC - No Criteria Listed
ND() - Not present at or above the analytical value
NS - Not analyzed
E - Estimated concentration.

TABLE 2
SUMMARY OF DETECTED PARAMETERS IN SOIL SAMPLES
SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

Sample Location Sample ID Sample Date Sample Depth Sample Type	SF Bay RWQCB		BW-1	BE-2	WW-3	EW-4	SW-5	NW-6	EW-7	NW-8	BW-9	BW-9	BE-10	NW-11	WW-12	EW-13	SW-14
	ESLs for Deep Soils >3m bgs, GW is a	ESLs for Deep Soils >3m bgs, GW is a	BW-1 7/8/2003	BE-2 7/8/2003	WW-3 7/8/2003	EW-4 7/8/2003	SW-5 7/8/2003	NW-6 7/8/2003	EW-7 7/11/2003	NW-8 7/11/2003	BW-9 7/12/2003	BW-9B 7/22/2003	BE-10 7/22/2003	NW-11 7/22/2003	WW-12 7/22/2003	EW-13 7/22/2003	SW-14 7/22/2003
	a	b															
	Residential ⁽¹⁾	Commercial/Industrial ⁽²⁾															
	Units																
Metals																	
Cadmium	mg/kg	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium Total	mg/kg	58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	750	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	1010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Petroleum Products																	
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	100	19	19	50	49	14	6.8 J	ND(13)	5.9 J	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	100	0.28	1.4	ND(0.13)	39	0.23	0.32	ND(0.13)	ND(0.13)	NS	NS	NS	NS	NS	NS	NS
SPOCs																	
Butyl benzylphthalate	mg/kg		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.48	0.31	ND(0.17)	0.17	0.18
VOCs																	
1,1,1-Trichloroethane	mg/kg	7.8	ND(0.37)	ND(0.0075)	ND(0.0074)	ND(0.0071)	ND(0.3)	ND(0.34)	ND(0.0058)	ND(0.0062)	NS	ND(0.005)	NS	NS	NS	NS	ND(0.005)
1,2,4-Trichlorobenzene	mg/kg	0.38	ND(0.37)	0.0012 J B	ND(0.0074)	ND(0.0071)	ND(0.3)	ND(0.34)	ND(0.0058)	ND(0.0062)	NS	ND(0.005)	NS	NS	NS	NS	ND(0.005)
1,2,4-Trimethylbenzene	mg/kg	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.031	NS	NS	NS	NS	ND(0.005)
1,3,5-Trichlorobenzene	mg/kg	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0077	NS	NS	NS	NS	ND(0.005)
Acetone	mg/kg	0.5	ND(1.5)	0.19	ND(0.03)	0.22	ND(1.2)	ND(1.4)	ND(0.023)	ND(0.025)	NS	0.55 ^{ab}	NS	NS	NS	NS	0.1
Benzene	mg/kg	0.044	ND(0.37)	ND(0.0075)	ND(0.0074)	ND(0.0071)	ND(0.3)	ND(0.34)	ND(0.0058)	ND(0.0062)	NS	0.0078	NS	NS	NS	NS	ND(0.005)
Bromomethane (Methyl Bromide)	mg/kg	0.22	ND(0.37)	ND(0.0075)	ND(0.0074)	ND(0.0071)	ND(0.3)	ND(0.34)	ND(0.0058)	ND(0.0062)	NS	ND(0.01)	NS	NS	NS	NS	ND(0.01)
Carbon disulfide	mg/kg	NC	ND(0.37)	0.0098	ND(0.0074)	0.0095	ND(0.3)	ND(0.34)	ND(0.0058)	0.00041 J	NS	0.054	NS	NS	NS	NS	ND(0.005)
cis-1,2-Dichloroethene	mg/kg	0.19	1.7 ^{ab}	0.19	0.0038	0.28 ^{ab}	0.43 ^{ab}	2.4 ^{ab}	0.12	0.057	NS	0.87 ^{ab}	NS	NS	NS	NS	0.0092
Cyclohexane	mg/kg	NC	ND(0.74)	ND(0.015)	ND(0.015)	0.00074 J	ND(0.59)	ND(0.68)	ND(0.012)	ND(0.012)	NS	–	NS	NS	NS	NS	–
Ethylbenzene	mg/kg	3.3	ND(0.37)	0.0037 J	ND(0.0074)	0.0086	ND(0.3)	ND(0.34)	ND(0.0058)	ND(0.0062)	NS	ND(0.005)	NS	NS	NS	NS	ND(0.005)
Isopropylbenzene	mg/kg	NC	ND(0.37)	ND(0.0075)	ND(0.0074)	0.0017 J	ND(0.3)	ND(0.34)	ND(0.0058)	ND(0.0062)	NS	ND(0.005)	NS	NS	NS	NS	ND(0.005)
Methyl cyclohexane	mg/kg	NC	ND(0.74)	0.00075 J	ND(0.015)	0.0029 J	ND(0.59)	ND(0.68)	ND(0.012)	ND(0.012)	NS	–	NS	NS	NS	NS	–
Methyl Tert Butyl Ether	mg/kg	0.023	ND(1.5)	0.00057 J	ND(0.03)	ND(0.028)	ND(1.2)	ND(1.4)	ND(0.023)	ND(0.025)	NS	ND(0.005)	NS	NS	NS	NS	ND(0.005)
Methylene chloride	mg/kg	0.077	ND(0.37)	ND(0.0075)	ND(0.0074)	ND(0.0071)	ND(0.3)	ND(0.34)	0.004 J B	0.0042 J B	NS	0.01	NS	NS	NS	NS	ND(0.01)
Tetrachloroethene	mg/kg	0.087	ND(0.37)	ND(0.0075)	0.0082 J	ND(0.0071)	ND(0.3)	ND(0.34)	0.017	0.071	NS	ND(0.005)	NS	NS	NS	NS	0.0081
Toluene	mg/kg	2.9	ND(0.37)	0.0057 J	ND(0.0074)	0.011	ND(0.3)	ND(0.34)	ND(0.0058)	ND(0.0062)	NS	0.018	NS	NS	NS	NS	ND(0.005)
trans-1,2-Dichloroethene	mg/kg	0.67	ND(0.18)	0.0072	ND(0.0037)	0.012	ND(0.15)	ND(0.17)	0.0016 J	0.0021 J	NS	0.032	NS	NS	NS	NS	ND(0.005)
Trichloroethene	mg/kg	0.26	ND(0.37)	ND(0.0075)	0.0014 J	0.00094 J	ND(0.3)	ND(0.34)	0.02	0.1	NS	0.005	NS	NS	NS	NS	0.015
Trifluorochloroethane (Freon 113)	mg/kg	NC	ND(0.37)	0.0027 J	0.0021 J	ND(0.0071)	ND(0.3)	ND(0.34)	ND(0.0058)	ND(0.0062)	NS	ND(0.005)	NS	NS	NS	NS	ND(0.005)
Xylene (total)	mg/kg	2.3	ND(0.74)	0.022	ND(0.015)	0.067	ND(0.59)	ND(0.68)	ND(0.012)	ND(0.012)	NS	0.028	NS	NS	NS	NS	ND(0.005)

Notes:
(1) Source: Table C-1, Appendix 1, "Summary for Environmental Concerns At Sites With Contaminated Soil and Groundwater - Interim Final February 2005"
(2) Source: Table C-2, Appendix 1, "Summary for Environmental Concerns At Sites With Contaminated Soil and Groundwater - Interim Final February 2005"
SF Bay RWQCB - San Francisco Bay Regional Water Quality Control Board
TPH-DRO - Total Petroleum Hydrocarbons as Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons as Gasoline Range Organics
VOCs - Volatile Organic Compounds
PNAs - Polynuclear Aromatic Hydrocarbons
NC - No Criteria Listed
ND () - Not present at or above the associated value.
NS - Not sampled
J - Estimated concentration.

TABLE 2

SUMMARY OF DETECTED PARAMETERS IN GROUNDWATER SAMPLES
 SATURN OF PLEASANTON
 4340 ROSEWOOD DRIVE
 PLEASANTON, CALIFORNIA

Sample Location	SF Bay RWQCB	SB-VAS-1	SB-VAS-1	SB-VAS-1	SB-VAS-1	SB-VAS-2	SB-VAS-2	SB-VAS-2	
Sample ID	Groundwater ESLs	GW-17366-111905-MM-005	GW-17366-111905-MM-006	GW-17366-111905-MM-007	GW-17366-111905-MM-008	GW-120805-RTS-007	GW-120805-RTS-008	GW-120805-RTS-009	
Sample Date		11/19/2005	11/19/2005	11/19/2005	11/19/2005	12/8/2005	12/8/2005	12/8/2005	
Sample Depth	GW is a Current or Potential Drinking Water Resource ⁽¹⁾	(30-35)	(40-45)	(50-55)	(70-75)	(30-35)	(38-43)	(50-55)	
Sample Type									
Units									
Analysis Date (DRO results only)		11/23/2005	11/23/2005		11/23/2005	12/9/2005	12/13/2005	12/9/2005	
Analysis Date (DRO results only Silica Gel Cleanup)		1/10/2006	1/10/2006		1/10/2006				
Petroleum Products									
TPH - extractable (DRO)	ug/L	100	690	11000	NS	630	ND(100)U	450	ND(120)U
TPH - extractable (DRO) Silica Gel Cleanup		100	73 B	1500 B	N	81 JB	NS	NS	NS
Total Petroleum Hydrocarbons - purgeable (GRO)	ug/L	100	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons - purgeable (GRO)	ug/L	100	ND(28)	33 J	ND(28)	72	ND(28)	ND(28)	ND(28)
SVOCs									
1,4-Dioxane	ug/L	3	ND(0.31)	ND(0.45)	NS	R	ND(0.29)	ND(0.29)	ND(0.38)
VOCs									
1,1-Dichloroethane	ug/L	5	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	0.28 J	ND(0.23)
2-Chlorotoluene	ug/L	NC	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	0.83	ND(0.22)	ND(0.22)
Benzene	ug/L	1	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.41 J	0.19 J	ND(0.11)
Bromodichloromethane	ug/L	100	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.12 J	ND(0.11)	ND(0.11)
cis-1,2-Dichloroethene	ug/L	6	3.3	2.5	2.1	0.6	11	3.5	ND(0.42)
Dibromochloromethane	ug/L	100	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	0.17 J	ND(0.15)	ND(0.15)
Ethanol	ug/L	50000	ND(14)	ND(14)	30 J	28 J	ND(14)	ND(14)	ND(14)
Methyl Tert Butyl Ether	ug/L	5	10	12	9.4	4.7 J	20	8.8	2.7 J
Tert-Amyl Methyl Ether	ug/L	NC	0.7	0.58	0.39 J	ND(0.38)	0.67	ND(0.38)	ND(0.38)
Tert-Butyl Alcohol	ug/L	1.2	16	14	8.8	7.1	14	8.6	ND(1.6)
Tetrachloroethene	ug/L	5.0	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.46 J	0.22 J	ND(0.13)
Toluene	ug/L	40	ND(0.14)	ND(0.14)	ND(0.14)	26	ND(0.14)	0.16 J	ND(0.14)
trans-1,2-Dichloroethene	ug/L	10	ND(0.1)	ND(0.1)	ND(0.1)	ND(0.1)	0.15 J	ND(0.1)	ND(0.1)
Trichloroethene	ug/L	5	1.8	1.1	0.87	ND(0.12)	4.3	3.7	ND(0.12)
Xylene (total)	ug/L	20	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)

Notes:
 (1) Source: Table F-1a, Appendix 1, "Summary for Environmental Concerns At Sites With Contaminated Soil and Groundwater - Interim Final February 2005"
 TPH-DRO - Total Petroleum Hydrocarbons as Diesel Range Organics
 TPH-GRO - Total Petroleum Hydrocarbons as Gasoline Range Organics
 SVOCs - Semi-Volatile Organic Compounds
 VOCs - Volatile Organic Compounds
 ug/l - micrograms per liter
 NC - No criteria listed
 ND () - Not present at or above the associated value.
 NS - Not sampled
 B - Result was qualified due to method blank contamination.
 J - Estimated concentration.
 R - Result rejected due to broken bottle during sample shipment.
 Results for DRO analysis on 1/10/06 represent the result after silica gel cleanup.
 [] - Exceeds SF Bay RWQCB Groundwater ESLs GW is a Current or Potential Drinking Water Resource

TABLE 2

**SUMMARY OF DETECTED PARAMETERS IN GROUNDWATER SAMPLES
SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA**

Sample Location	SF Bay RWQCB	SB-VAS-3	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7	SP-8	DP-11	
Sample ID	Groundwater ESLs	GW-120705-RTS-003	GW-051303-RS-1	GW-051303-RS-2	GW-051303-RS-3	GW-051303-RS-4	GW-052803-RS-1	GW-052803-RS-2	GW-052803-RS-3	GW-052803-RS-4	W-120202-RS-11	
Sample Date	GW is a Current	12/7/2005	5/13/2003	5/13/2003	5/13/2003	5/13/2003	5/28/2003	5/28/2003	5/28/2003	5/28/2003	12/2/2002	
Sample Depth	or Potential Drinking	(50-55)									(22-23)	
Sample Type	Water Resource ⁽¹⁾											
Analysis Date (DRO results only)		Units										
Analysis Date (DRO results only Silica Gel Cleanup)		12/8/2005										
Petroleum Products												
TPH - extractable (DRO)	ug/L	100	ND(88)U	NS	NS	NS	NS	NS	NS	NS	NS	
TPH - extractable (DRO) Silica Gel Cleanup		100	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Petroleum Hydrocarbons - purgeable (GRO)	ug/L	100	NS	NS	NS	NS	NS	NS	NS	NS	330	
Total Petroleum Hydrocarbons - purgeable (GRO)	ug/L	100	ND(28)	NS	NS	NS	NS	NS	NS	NS	NS	
SVOCs												
1,4-Dioxane	ug/L	3	ND(0.23)	NS	NS	NS	NS	NS	NS	NS	NS	
VOCs												
1,1-Dichloroethane	ug/L	5	ND(0.23)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.6	ND(2.0)
2-Chlorotoluene	ug/L	NC	ND(0.22)	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/L	1	ND(0.11)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.4)	6.3
Bromodichloromethane	ug/L	100	ND(0.11)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.4)	ND(2.0)
cis-1,2-Dichloroethene	ug/L	6	ND(0.42)	47	4.1	9.0	2.5	0.53	1.2	2.2	3.4	17
Dibromochloromethane	ug/L	100	ND(0.15)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.4)	ND(2.0)
Ethanol	ug/L	50000	ND(14)	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Tert Butyl Ether	ug/L	5	0.38 J	62	6.2	29	8.4	0.75	3.0	12	4.9	ND(2.0)
Tert-Amyl Methyl Ether	ug/L	NC	ND(0.38)	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tert-Butyl Alcohol	ug/L	1.2	ND(1.6)	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethene	ug/L	5.0	ND(0.13)	2.6	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.67	ND(1.0)	4.2	2.8
Toluene	ug/L	40	ND(0.14)	ND(2.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.4)	ND(2.0)
trans-1,2-Dichloroethene	ug/L	10	ND(0.1)	ND(1.0)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.72)	8.2
Trichloroethene	ug/L	5	ND(0.12)	26	3.6	15	4.7	0.63	2.5	1.3	38	120
Xylene (total)	ug/L	20	ND(0.77)	3.2	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.4)	19

Notes:

(1) Source: Table F-1a, Appendix 1, "Summary for Environmental Concerns At Sites With Contaminated Soil and Groundwater - Interim Final February 2005"

TPH-DRO - Total Petroleum Hydrocarbons as Diesel Range Organics

TPH-GRO - Total Petroleum Hydrocarbons as Gasoline Range Organics

SVOCs - Semi-Volatile Organic Compounds

VOCs - Volatile Organic Compounds

ug/l - micrograms per liter

NC - No criteria listed

ND () - Not present at or above the associated value.

NS - Not sampled

B - Result was qualified due to method blank contamination.

J - Estimated concentration.

R - Result rejected due to broken bottle during sample shipment.

Results for DRO analysis on 1/10/06 represent the result after silica gel cleanup.

☐ - Exceeds SF Bay RWQCB Groundwater ESLs GW is a Current or Potential Drinking Water Resource

TABLE 2

SUMMARY OF DETECTED PARAMETERS IN GROUNDWATER SAMPLES
SATURN OF PLEASANTON
4340 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA

Sample Location	SF Bay RWQCB	MW-1
Sample ID	Groundwater ESLs	W-041907-TR-001
Sample Date	GW is a Current	4/19/2007
Sample Depth	or Potential Drinking	(40-50)
Sample Type	Water Resource ⁽¹⁾	

	<i>Units</i>		
Analysis Date (DRO results only)			
Analysis Date (DRO results only Silica Gel Cleanup)			04/20/2007
Petroleum Products			
TPH - extractable (DRO)	ug/L	100	NS
TPH - extractable (DRO) Silica Gel Cleanup		100	ND(50)
Total Petroleum Hydrocarbons - purgeable (GRO)	ug/L	100	ND(50)
Total Petroleum Hydrocarbons - purgeable (GRO)	ug/L	100	NS
SVOCs			
1,4-Dioxane	ug/L	3	NS
VOCs			
1,1-Dichloroethane	ug/L	5	ND(1.0)
2-Chlorotoluene	ug/L	NC	ND(1.0)
Benzene	ug/L	1	ND(1.0)
Bromodichloromethane	ug/L	100	ND(1.0)
cis-1,2-Dichloroethene	ug/L	6	ND(1.0)
Dibromochloromethane	ug/L	100	ND(1.0)
Ethanol	ug/L	50000	ND(1.0)
Methyl Tert Butyl Ether	ug/L	5	ND(2.0)
Tert-Amyl Methyl Ether	ug/L	NC	ND(2.0)
Tert-Butyl Alcohol	ug/L	1.2	ND(50)
Tetrachloroethene	ug/L	5.0	ND(1.0)
Toluene	ug/L	40	ND(1.0)
trans-1,2-Dichloroethene	ug/L	10	ND(1.0)
Trichloroethene	ug/L	5	ND(1.0)
Xylene (total)	ug/L	20	ND(1.0)

Notes:

(1) Source: Table F-1a, Appendix 1, "Summary for Environmental Concerns At Sites With Contaminated Soil and Groundwater - Interim Final February 2005"

TPH-DRO - Total Petroleum Hydrocarbons as Diesel Range Organics

TPH-GRO - Total Petroleum Hydrocarbons as Gasoline Range Organics

SVOCs - Semi-Volatile Organic Compounds

VOCs - Volatile Organic Compounds

ug/l - micrograms per liter

NC - No criteria listed

ND () - Not present at or above the associated value.

NS - Not sampled

B - Result was qualified due to method blank contamination.

J - Estimated concentration.

R - Result rejected due to broken bottle during sample shipment.

Results for DRO analysis on 1/10/06 represent the result after silica gel cleanup.

 - Exceeds SF Bay RWQCB Groundwater ESLs GW is a Current or Potential Drinking Water Resource



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-9
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0.16	ASPHALT	0.16						
2	ML-SILTS, trace fine sands, trace fine subrounded gravels, compact, poorly graded, fine grained, brown, moist			1HA				0
4								
6								
8	- with sands at 8.0ft BGS			2AL		47		0
10								
10.00	CH-CLAYS, trace silts, firm, high plasticity, brown mottled with slight orange hue/brown, moist	10.00						
12				3AL		100		0
14								
16	- dark brown at 16.0ft BGS							
18				4AL 15-20'-001		100		0.2
20								
22				5AL 20-25'-002		100		0
24								
25.00	ML-SILTS, trace fine sands, compact to dense, poorly graded, fine grained, brown, wet, slight plasticity	25.00						
26				6AL		100		0.2
28								
30								
32				7AL		100		0.4
34								

OVERBURDEN LOG 17366-208-01.GPJ CRA_CORP.GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-9
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
36								
38				8AL		100		0.5
40								
42				9AL		100		0.7
44								
46								
47.00		47.00						
48	SM-SILTY SANDS, compact, poorly graded, fine grained, trace mediu and coarse grained, brown, wet			10AL		100		0.2
50								
50.00		50.00						
52	CH-CLAYS, trace fine and coarse sands, dense, high plasticity, dark brown, very moist to wet			11AL		100		0.3
54								
56				12AL		0		
58								
60	- soft, silty at 60.0ft BGS			13AL		100		0.5
62								
64								
65.00		65.00						
66	ML-SILTS, trace fine sands, compact, poorly graded, fin grained, brown, wet			14AL		20		0
68								

OVERBURDEN LOG 17366-208-01.GPJ CRA_CORP.GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-9
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	N' VALUE	PID (ppm)
72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 102 104	CH-CLAYS, trace fine and coarse sands, dense, high plasticity, dark brown, very moist to wet	70.00		15AL		100		0.1
	END OF BOREHOLE @ 75.0ft BGS	75.00						

OVERBURDEN LOG 17366-208-01.GPJ CRA_CORP.GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-1
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE					
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)	
0.16	ASPHALT	0.16							
2	SC-CLAYEY SANDS, trace fine angular gravels, compact, poorly graded, fine grained, brown, moist			1HA					0
4									
6			8" BOREHOLE						
7.00	CH-CLAYS, trace coarse sands, firm to stiff, high plasticity, brown, moist	7.00		2AL		80			0.5
8									
10			BENTONITE GROUT						
12				3AL		100			0.8
14	- dark brown at 15.0ft BGS								
16									
18				4AL 15-20 -003		100			0.5
20	- light brown at 20.0ft BGS								
22									
24				5AL 20-25 -004		100			0.5
24.00	ML-SILTS, compact, poorly graded, fine grained, light brown, wet, slight plasticity	24.00							
26									
28				6AL		90			0.9
30									
32									
34				7AL		100			0.5

OVERBURDEN LOG 17366-208-01.GPJ.CRA.CORP.GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-1
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE					
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)	
36	- clayey at 35.0ft BGS								
38				8AL		100		0.2	
40									
42									
44									
46									
48		48.00		10AL		100		0	
50	CH-CLAYS, trace silts, stiff, high plasticity, dark brown, very moist								
52									
54		54.00							
56	SP-SANDS, loose, poorly graded, fine grained, trace medium and coarse grained, brown, wet	55.00							
58	CH-CLAYS, trace silts, stiff, high plasticity, dark brown, very moist			12AL		100		0.2	
60	- trace clays, moist at 60.0ft BGS								
62									
64				13AL		100		0.3	
66	SM-SILTY SANDS, loose to compact, poorly graded, fine grained, brown, wet	65.00							
68				14AL		100		0.1	

OVERBURDEN LOG 17366-208-01.GPJ CRA_CORP.GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-1
 DATE COMPLETED: November 19, 2005
 DRILLING METHOD: 4-1/4" HSA/CORE BARREL
 FIELD PERSONNEL: M. MATHE

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 102 104	CH-CLAYS, trace silts, stiff, high plasticity, dark brown, wet END OF BOREHOLE @ 75.0ft BGS	70.00 75.00		15AL		100		0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-2
 DATE COMPLETED: December 8, 2005
 DRILLING METHOD: 4-1/4" HS/DIRECT PUSH
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0.15	ASPHALT	0.15						
1.00	GW-GRAVEL BASE	1.00						
2	ML-SILTS, with some fine sands, compact, brown, moist							
4								
6								
8								5.0
10	CL/CH-CLAYS, trace silts, stiff, moderate to high plasticity, brown, moist	10.00						4.8
12								
14								
16					(13-17' -004)			6.6
18	- dark brown at 18.0ft BGS							
20				(17-21' -005)			7.1	
20.50	CH-CLAYS, very stiff, gray brown, highly plastic, moist	20.50						
22								
24				(21-25' -006)			4.8	
25.00	ML/SM-SANDY SILTS/SILTY SAND SEAM, wet	25.00						
25.20	ML-CLAYEY SILTS, trace sands, firm, light brown, wet	25.20						
26								
28								
30								
32				(30-35' -007)				
32.50	ML-SILTS, trace clays, compact, light brown, wet	32.50						
34								
34							3.7	

OVERBURDEN LOG 17366-208-01.GPJ CRA_CORP.GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-2
 DATE COMPLETED: December 8, 2005
 DRILLING METHOD: 4-1/4" HSA/DIRECT PUSH
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE					
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)	
36									
38	- sandy silt seam at 37.5ft BGS								
40				38-43 -008					
42									
44									
46	ML-SILTS, with clays, stiff, gray brown with orange staining, wet	45.60							
48	GP-GRAVELS with sands and silts seam, wet	48.30							
50	END OF BOREHOLE @ 50.0ft BGS	50.00							
52				50-55 -009					
54									
56									
58									
60									
62									
64									
66									
68									

OVERBURDEN LOG 17366-208-01.GPJ CRA_CORP.GDT 1/6/06

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-208-01
 CLIENT: ENCORE
 LOCATION: PLEASANTON

HOLE DESIGNATION: SB-VAS-3
 DATE COMPLETED: December 7, 2005
 DRILLING METHOD: 4-1/4" HSA/DIRECT PUSH
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0.15	ASPHALT	0.15	8" BOREHOLE					
1.00	GW-GRAVEL BASE HAND AUGER	1.00						
2								
4								
5.00	BLIND DRILL	5.00	BENTONITE GROUT					
6								
8								
10								
12								
14								
15.00	CH-CLAYS, stiff, dark brown, plastic, moist	15.00						
16								
18								
19.00	CH-CLAYS, stiff, brown, plastic, moist	19.00		(15-19) -001				8.2
20								
22								
24	BLIND DRILL	24.00		(20-24) -002				5.2
26								
28								
30								
32								
34								

OVERBURDEN LOG 17366-208-01.GPJ CRA_CORP.GDT 1/6/06

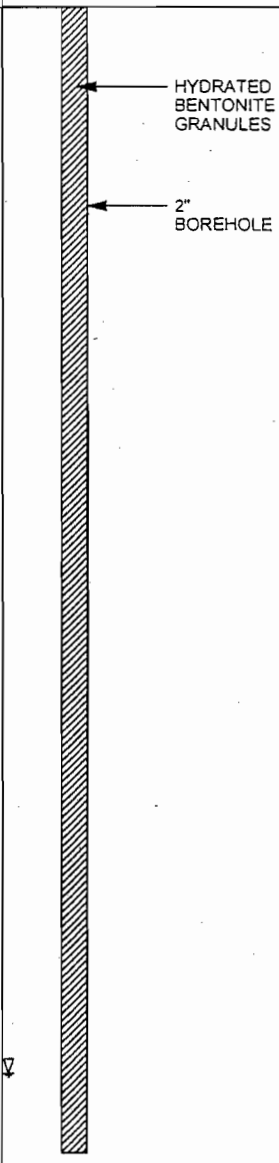
NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ○

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-30
 CLIENT: EEC
 LOCATION: PLEASANTON, CALIFORNIA

HOLE DESIGNATION: SP-8
 DATE COMPLETED: May 28, 2003
 DRILLING METHOD: GEOPROBE
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE INSTALLATION	SAMPLE					
				NUMBER	INTERVAL	REC (%)	"N" VALUE	PID (ppm)	
2	ML-SANDY SILT, compact, light brown, dry		 <p style="margin-left: 20px;">HYDRATED BENTONITE GRANULES</p> <p style="margin-left: 20px;">2" BOREHOLE</p>	1GP				ND	
4	SM-SILTY SAND, loose, light brown, dry	3.50							
	ML-CLAYEY SILT, stiff, brown, moist	4.30							
6				2GP				ND	
8									
10	CH-CLAY, stiff, brown to dark brown, plastic, moist	9.00			3GP				ND
14	- becoming blacker, highly plastic at 14.0ft BGS				4GP				ND
16									
18				5GP				ND	
20									
22	- becoming dark brown at 22.0ft BGS			6GP				ND	
24				7GP				ND	
26	SM-SILTY SAND, compact, brown, fine grained, wet	26.00							
28	CH-CLAY, stiff to hard, dark brown, saturated	27.00		8GP				ND	
30	END OF BOREHOLE @ 29.0ft BGS	29.00							
32									
34									

OVERBURDEN LOG 17366-30.GPJ CRA_CORP.GDT 9/25/03

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ∇

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-30
 CLIENT: EEC
 LOCATION: PLEASANTON, CALIFORNIA

HOLE DESIGNATION: SP-7
 DATE COMPLETED: May 28, 2003
 DRILLING METHOD: GEOPROBE
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE INSTALLATION	SAMPLE					
				NUMBER	INTERVAL	REC (%)	"N" VALUE	PID (ppm)	
2	ML-SANDY SILT, compact, light brown, dry		<p style="text-align: center;">HYDRATED BENTONITE GRANULES</p> <p style="text-align: center;">2" BOREHOLE</p>	1GP				ND	
4	SM-SILTY SAND, compact, light brown, fine grained, dry	3.70							
5	ML-SILT, firm, brown, moist	5.00							
5.50		5.50							
6	SM-SILTY SAND, compact, light brown, moist	6.00			2GP				ND
6	ML-CLAYEY SILT, stiff, brown, moist								
8									
8.50	CH-CLAY, stiff, dark brown, plastic, moist	8.50			3GP				ND
10									
14	- becoming blacker, hard at 13.8ft BGS				4GP				ND
16									
18				5GP				ND	
20									
22	- becoming dark brown at 22.0ft BGS			6GP				ND	
24									
26				7GP				ND	
26.70	SM-SILTY SAND, compact, brown, fine grained, wet	26.70							
27.50		27.50							
28	CH-CLAY, hard, brown, saturated								
29.00	END OF BOREHOLE @ 29.0ft BGS	29.00							

OVERBURDEN LOG 17366-30.GPJ CRA_CORP.GDT 9/25/03

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ▼

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-30
 CLIENT: EEC
 LOCATION: PLEASANTON, CALIFORNIA

HOLE DESIGNATION: SP-6
 DATE COMPLETED: May 28, 2003
 DRILLING METHOD: GEOPROBE
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE INSTALLATION	SAMPLE					
				NUMBER	INTERVAL	REC (%)	"N" VALUE	PID (ppm)	
2	CL-SILTY CLAY, stiff, light brown, damp		<p style="text-align: center;">HYDRATED BENTONITE GRANULES</p> <p style="text-align: center;">2" BOREHOLE</p>	1GP				ND	
4	SM-SLTY SAND, compact, light brown, dry	3.40							
	ML/CL-SILT, firm, brown, moist and clay, stiff to hard, dark brown	4.00			2GP				ND
6					3GP				ND
8					4GP				ND
10					5GP				ND
12					6GP				ND
14				7GP				ND	
16									
18									
20									
22									
24	SP-SAND, compact, brown, fine to medium grained, wet	24.20						ND	
25	CH-CLAY, hard, brown, plastic, saturated	25.00							
26	END OF BOREHOLE @ 26.0ft BGS	26.00							
28									
30									
32									
34									

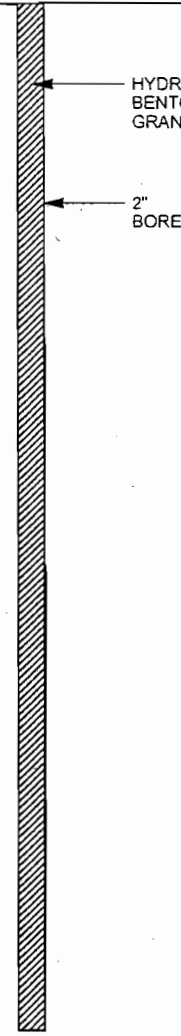
OVERBURDEN LOG 17366-30.GPJ CRA CORP.GDT 9/25/03



NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ∇
 CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

OBJECT NAME: SATURN OF PLEASANTON
 OBJECT NUMBER: 17366-30
 AGENT: EEC
 LOCATION: PLEASANTON, CALIFORNIA

HOLE DESIGNATION: SP-5
 DATE COMPLETED: May 28, 2003
 DRILLING METHOD: GEOPROBE
 FIELD PERSONNEL: B. SIEGFRIED

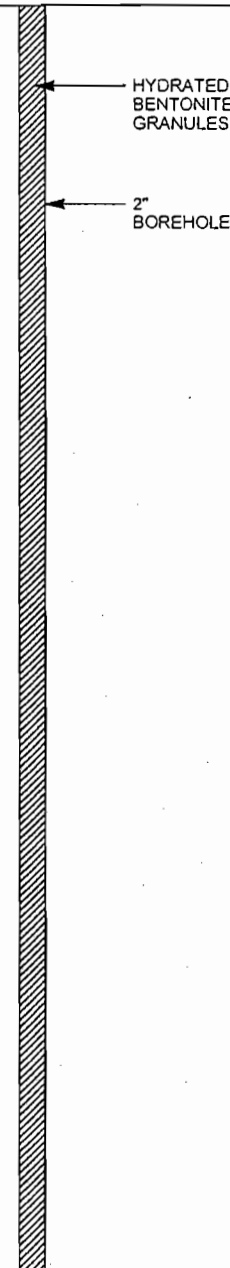
DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	BOREHOLE INSTALLATION	SAMPLE				
			NUMBER	INTERVAL	REC (%)	"N" VALUE	PID (ppm)
	ML-CLAYEY SILT, stiff, light brown, dry	 <p style="text-align: center;">2" BOREHOLE</p>	1GP				ND
2.60 3.20	SP-SAND, compact, light brown, fine grained, dry						
	ML-CLAYEY SILT, stiff, light brown, damp						
5.00 5.60	SP-SAND, compact, light brown, fine grained, dry		2GP				ND
	ML-CLAYEY SILT, stiff, brown, moist						
8.50	CH-CLAY, stiff, dark brown, plastic, moist		3GP				ND
	- becoming black and highly plastic at 15.0ft BGS		4GP				ND
	- becoming dark brown at 21.0ft BGS	5GP				ND	
		6GP				ND	
24.50	SM-SILTY SAND, compact, light brown, wet	7GP				ND	
26.00	END OF BOREHOLE @ 26.0ft BGS						

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND 
 CHEMICAL ANALYSIS 

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-30
 CLIENT: EEC
 LOCATION: PLEASANTON, CALIFORNIA

HOLE DESIGNATION: SP-4
 DATE COMPLETED: May 13, 2003
 DRILLING METHOD: GEOPROBE
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE INSTALLATION	SAMPLE				
				NUMBER	INTERVAL	REC (%)	"N" VALUE	PID (ppm)
2	ML-CLAYEY SILT, stiff, light brown, damp			1GP				ND
4				2GP				ND
6				3GP				ND
8	CL-SILTY CLAY, stiff, brown, damp to moist - becoming black at 14.0ft BGS	8.00		4GP				ND
10				5GP				ND
12				6GP				ND
14				7GP				ND
16				8GP				ND
18	CH-CLAY, hard, dark brown, moist to wet	18.00						ND
20								ND
22								ND
24								ND
26								ND
28	SP-SILTY SAND, loose, wet (flowing), fine to medium grained - highly plastic at 28.0ft BGS	28.00						ND
30			30.00					ND
32	CH-CLAY, hard, dark brown, moist to wet							ND
34	END OF BOREHOLE @ 32.0ft BGS	32.00						ND

OVERBURDEN LOG 17366-30.GPJ CRA CORP.GDT 9/25/03

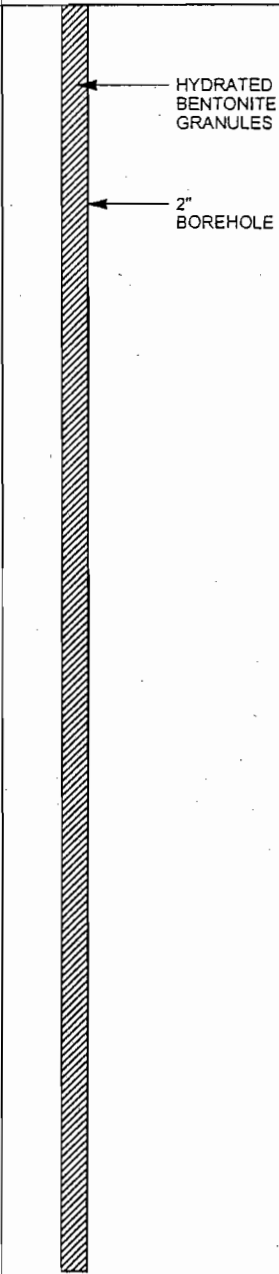
NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-30
 CLIENT: EEC
 LOCATION: PLEASANTON, CALIFORNIA

HOLE DESIGNATION: SP-3
 DATE COMPLETED: May 13, 2003
 DRILLING METHOD: GEOPROBE
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE INSTALLATION	SAMPLE				
				NUMBER	INTERVAL	REC (%)	"N" VALUE	PID (ppm)
2	ML-CLAYEY SILT, stiff, light brown, damp			1GP				ND
4				2GP				ND
6				3GP				ND
8	CL-SILTY CLAY, stiff, brown, damp to moist - becoming black at 14.0ft BGS	8.00		4GP				ND
10				5GP				ND
12				6GP				ND
14				7GP				ND
16	CH-CLAY, hard, dark brown, moist to wet	18.00		8GP				ND
18								ND
20								ND
22								ND
24								ND
26								ND
28	SP-SILTY SAND, loose, wet (flowing), fine to medium grained - highly plastic at 28.0ft BGS	28.00						ND
30			30.00					ND
32	END OF BOREHOLE @ 32.0ft BGS	32.00						ND
34								ND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

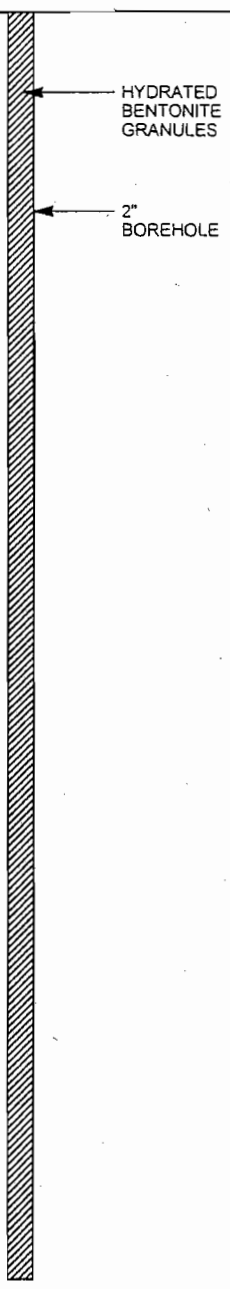
CHEMICAL ANALYSIS

OVERBURDEN LOG 17366-30.GPJ CRA CORP.GDT 9/25/03

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-30
 CLIENT: EEC
 LOCATION: PLEASANTON, CALIFORNIA

HOLE DESIGNATION: SP-2
 DATE COMPLETED: May 13, 2003
 DRILLING METHOD: GEOPROBE
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE INSTALLATION	SAMPLE				
				NUMBER	INTERVAL	REC (%)	"N" VALUE	PI/D (ppm)
2	ML-CLAYEY SILT, stiff, light brown, damp			1GP				ND
4				2GP				ND
8	CL-SILTY CLAY, stiff, brown, damp to moist - becoming black at 14.0ft BGS	8.00		3GP				ND
14				4GP				ND
18				5GP				ND
20	CH-CLAY, hard, dark brown, moist to wet	18.00		6GP				ND
24				7GP				ND
28				8GP				ND
30	SP-SILTY SAND, loose, wet (flowing), fine to medium grained - highly plastic at 28.0ft BGS	28.00						
30	CH-CLAY, hard, dark brown, moist to wet	30.00						ND
32	END OF BOREHOLE @ 32.0ft BGS	32.00						

OVERBURDEN LOG 17366-30.GPJ CRA_CORP.GDT 9/25/03

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SATURN OF PLEASANTON
 PROJECT NUMBER: 17366-30
 CLIENT: EEC
 LOCATION: PLEASANTON, CALIFORNIA

HOLE DESIGNATION: SP-1
 DATE COMPLETED: May 13, 2003
 DRILLING METHOD: GEOPROBE
 FIELD PERSONNEL: B. SIEGFRIED

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE INSTALLATION	SAMPLE					
				NUMBER	INTERVAL	REC (%)	"N" VALUE	PID (ppm)	
2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34	ML-CLAYEY SILT, stiff, light brown, damp CL-SILTY CLAY, stiff, brown, damp to moist - becoming black at 14.0ft BGS CH-CLAY, hard, dark brown, moist to wet SP-SILTY SAND, loose, wet (flowing), fine to medium grained - highly plastic at 28.0ft BGS CH-CLAY, hard, dark brown, moist to wet END OF BOREHOLE @ 32.0ft BGS	8.00 18.00 28.00 30.00 32.00	HYDRATED BENTONITE GRANULES 2" BOREHOLE	1GP 2GP 3GP 4GP 5GP 6GP 7GP 8GP					ND ND ND ND ND ND ND

OVERBURDEN LOG 17366-30.GPJ CRA CORP.GDT 9/25/03

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: Saturn of Pleasanton
 PROJECT NUMBER: 017366-208-03
 CLIENT: Saturn Retail of South Carolina
 LOCATION: Pleasanton, California

HOLE DESIGNATION: MW-1
 DATE COMPLETED: April 11, 2007
 DRILLING METHOD: 4.25"ID Hollow Stem Auger
 FIELD PERSONNEL: B. Siegfried

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Monitoring Well	SAMPLE			
				NUMBER	INTERVAL	REC (%)	'N' VALUE
	ASPHALT	0.20	Flush Mounted Cover				
	ML - CLAYEY SILT - Stiff, Gray, Damp			1			
5	SP - SAND - Compact, Brown, Fine Grained, Damp	4.60		2			
	CH - SILTY CLAY - Stiff, Gray Brown, Plastic, Moist to Wet	5.00		3			
10				4			
15				5			
20	ML - CLAYEY SILT - Stiff, Light Brown, Wet	20.50	Cement/Bentonite ⁴ Grout	6			
			Sch. 40 PVC	7			
25	ML - SILT - Soft, Light Gray Brown, Wet	24.00		8			
	ML - SILT - Stiff, Some Clay, Light Brown, Wet	25.80		9			
30				10			
35	ML - SANDY SILT - Stiff, Light Brown, Gravel Lenses, Wet	32.50					
	SP - SAND - Loose, Light Brown, Fine Grained, Wet (flowing)	34.50	Bentonite Pellets				
	No Recovery	35.00					
40	ML - SILT - Stiff, Light Brown, Wet	40.00					
45			Silica Sand Screen				
50	SP-SM - SAND with Some SILT - Compact, Brown, Medium and Fine Grained, Laminated, Wet	47.50	End Cap				
	END OF BOREHOLE @ 50.0ft BGS	50.00					

WELL DETAILS
 Screened interval:
 39.50 to 49.50ft BGS
 Length: 10ft
 Diameter: 2in
 Slot Size: 010
 Material: PVC
 Sand Pack:
 50.00 to 37.50ft BGS
 Material: 2/12 Silica Sand

OVERBURDEN LOG 017366-208-03 EEC.GPJ CRA_CORP.GDT 4/23/07

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
 WATER FOUND ▼ STATIC WATER LEVEL ▼ 4/11/07