

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

April 5, 2007

Ms. Louise Delano
AT&T Services
308 South Akard Street, Room 1700
Dallas, TX 75202

Subject: Fuel Leak Case No. RO0002609 and Geotracker Global ID T0600184737, SBC Facility PE 171, 7240 Johnson Drive, Pleasanton, CA 94566

Dear Ms. Delano:

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

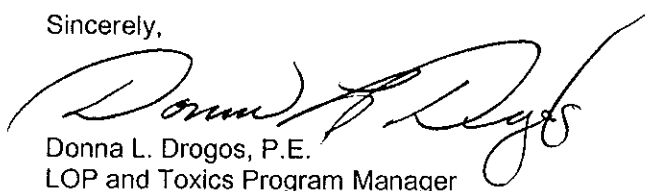
SITE INVESTIGATION AND CLEANUP SUMMARY

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

- Residual concentrations of up to 43 milligrams per kilogram (mg/kg) of Total Petroleum Hydrocarbons as diesel remain in soil at the site.
- Residual concentrations of up to 1.5 micrograms per liter ($\mu\text{g/L}$) of MTBE remain in groundwater at the site.

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

Sincerely,



Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosures:

1. Remedial Action Completion Certificate
2. Case Closure Summary

cc:

Ms. Cherie McCaulou (w/enc)
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Mr. Toru Okamoto (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

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

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

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

Mr. Seyed Mortazavi
Hydrologue, Inc.
2793 East Foothill Boulevard
Pasadena, CA 91107

Mr. Rob Delnagro
Shaw Environmental, Inc.
4005 Port Chicago Highway
Concord, CA 94520

Jerry Wickham (w/orig enc), D. Drogos (w/enc), R. Garcia (w/enc)



April 5, 2007

Ms. Louise Delano
AT&T Services
308 South Akard Street, Room 1700
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REMEDIAL ACTION COMPLETION CERTIFICATE

Dear Ms. Delano:

Subject: Fuel Leak Case No. RO0002609 and Geotracker Global ID T0600184737, SBC Facility PE 171, 7240 Johnson Drive, Pleasanton, CA 94566

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 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,


Ariu Levi
Director
Alameda County Environmental Health

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

I. AGENCY INFORMATION

Date: September 28, 2006

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: SBC Facility PE171		
Site Facility Address: 7240 Johnson Drive, Pleasanton, CA 94566		
RB Case No.:	Local Case No.: ---	LOP Case No.: RO0002609
URF Filing Date: 07/02/2003	SWEEPS No.: ---	APN: 941-1300-017-00
Responsible Parties	Addresses	Phone Numbers
Rebecca Grier Horton, SBC Environmental Management	SBC Services, Three SBC Plaza #900, Dallas TX 75202	214-464-3702
Louise Delano, AT&T Services	308 South Akard Street, Room 900, Dallas, Texas, 75202	

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	12,000 gallons	Gasoline and Diesel	Removed	10/23/2003
	Piping		Removed	10/23/2003

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. No holes, cracks, or other signs of failure were observed in the tanks during removal.		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? Yes	Number: 3	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 15 feet bgs	Lowest Depth: 21 feet bgs	Flow Direction: Southwest
Most Sensitive Current Use: Drinking water source.		

Summary of Production Wells in Vicinity: The nearest production well is 3S/1W 1R 1, which is located approximately 600 feet north of the site. The well was 49 feet deep when last sounded but was improperly destroyed during construction of the industrial park. This well does not appear to be a receptor for the site due its upgradient location. The nearest downgradient production well is located more than 2,100 feet southwest of the site.

Are drinking water wells affected? No

Aquifer Name: Dublin Subbasin

Is surface water affected? No

Nearest SW Name: Laurel Creek is approximately 750 feet west of site.

Off-Site Beneficial Use Impacts (Addresses/Locations): None

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
Tank	1 – 12,000 gallon tank	Transported to Ecology Control Industries in Richmond, CA for disposal	10/23/2003
Piping	Not reported	Transported to Ecology Control Industries in Richmond, CA for disposal	12/04/2003
Free Product	None	--	--
Soil	None	Soil was used for backfill.	--
Groundwater	Not reported	--	--

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP (Please see Attachments 1 through 7 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	<1	<1	<50	<50
TPH (Diesel)	43	43	<50	<50
TPH (Hydraulic Oil)	910	41	NA	NA
Benzene	<0.005	<0.005	<0.5	<0.5
Toluene	<0.005	<0.005	<0.5	<0.5
Ethylbenzene	<0.005	<0.005	<0.5	<0.5
Xylenes	<0.005	<0.005	<0.5	<0.5
Heavy Metals	15(1)	15(1)	NA	NA
MTBE	0.025(2)	0.025(2)	1.5(3)	1.5(3)
Other (8240/8270)	ND(4)	ND(4)	NA	NA

(1) Total lead; no other metals analysis conducted.

(2) DIPE, ETBE, TAME, and TBA <0.005 ppm in soil.

(3) DIPE, ETBE, TAME, TBA, EDB, and EDC <0.5 ppb in groundwater.

(4) Soil samples analyzed by EPA Method 8270. No analytes detected with reporting limits ranging from 0.33 to 8.0 ppm.

Site History and Description of Corrective Actions:

Previous Fuel Leak Case

In September 1993, one 8,000-gallon diesel and one 8,000-gallon gasoline underground storage tank (UST) were removed from the site. No evidence of holes or leaks was observed during removal. Six soil samples, three stockpile soil samples, and one water sample were collected and analyzed in an on-site mobile laboratory. Petroleum hydrocarbons were not detected in the soil samples. The water sample contained 670 ppb of TPHg, 68 ppb of Benzene, 29 ppb of toluene, 18 ppb of xylenes, 2.2 ppb of ethylbenzene, and 1,000 ppb of TPHd. The previous fuel leak case was closed by Alameda County Environmental Health on March 10, 1997.

Current Fuel Leak Case

One 12,000-gallon dual compartment diesel and gasoline UST was removed from the site on October 23, 2001. Following removal, accumulated pea gravel in the bottom of the excavation hindered soil sample collection from the excavation. Only one soil sample could be collected from the excavation due to sidewall collapse. In order to facilitate soil sample collection, four soil borings were advanced in the excavation area on November 10, 2003, following backfilling of the excavation. The borings were advanced to depths of 16 to 17 feet bgs. Groundwater was not encountered in the borings. TPHg, BTEX, SVOCs, and fuel oxygenates ETBE, DIPE, TAME, and TBA were not detected in any of the soil samples. TPHd was detected in one soil sample at a concentration of 15 ppm. Total lead was detected at concentrations of 6.1 to 15 ppm.

In order to investigate groundwater beneath the site, three soil borings were advanced in August 2005 and converted to monitoring wells. Soil samples were collected at 5-foot intervals from each boring. TPHd was detected at concentrations up to 2.5 ppm in soil samples. TPHg, BTEX, fuel oxygenates, and organic lead were not detected in soil. Groundwater samples were collected from the monitoring wells on September 13, 2005. TPHd, TPHg, BTEX, DIPE, ETBE, TAME, TBA, EDB, and EDC were not detected in the groundwater samples. MTBE was detected in one groundwater sample at a concentration of 1.5 ppb.

In February 2006, a hydraulic hoist system was removed from the facility. TPH as hydraulic oil was detected in soil samples from the north and south hydraulic hoist pits at concentrations of 100 and 110 ppm, respectively. Soil samples collected beneath a control valve and piping contained TPH as hydraulic oil at concentrations of 910 and 170 ppm, respectively. Soils containing greater than 100 ppm of TPH as hydraulic oil were over-excavated and removed from the site. A total of 62 cubic yards of contaminated soil was transported to Forward Landfill in Manteca, CA for disposal. Confirmation soil samples collected following over-excavation contained 5 to 41 ppm of TPH as hydraulic oil. No further action is required in the area of the hydraulic hoist system.

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: 3
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

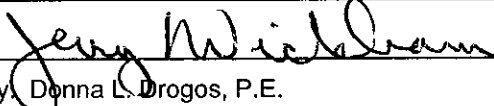
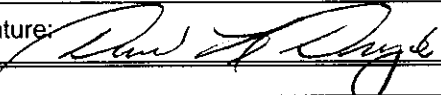
Considerations and/or Variances:

The regional hydraulic gradient near the site is to the south southeast. Based on water level data from the three on-site monitoring wells, the local hydraulic gradient is to the southwest. No monitoring wells are located south southeast of the site to monitor possible contaminant movement along the regional flow direction. However, the three existing monitoring wells are within 35 feet of the former tank. Based on the proximity of the wells to the former tank, a significant fuel release to groundwater is likely to be detected in groundwater samples from the monitoring wells. Fuel hydrocarbons and oxygenates have not been detected in groundwater samples from the three wells, with the exception of MTBE, which was detected in well MW-1 at a concentration of 1.5 ppb.

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: 	Date: 09/28/06
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: 	Date: 09/28/06

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: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature: <i>Cherie McCaulou</i>	Date: 11/30/06

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 12/01/06	Date of Well Decommissioning Report: 03/30/07	
All Monitoring Wells Decommissioned (Yes, No) <input checked="" type="radio"/> Yes <input type="radio"/> No	Number Decommissioned: 3	Number Retained: 0
Reason Wells Retained: No wells retained		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: <i>Jerry Wickham</i>	Date: 04/05/07	

Attachments:

1. Site Vicinity Map and Site Plan
2. Soil Boring Sample Analytical Results (November 10, 2003); Soil Sample Analytical Results (February 1 and 7, 2006)
3. Groundwater Map - September 13, 2005
4. Soil Analytical Data
5. Groundwater Analytical Data
6. Boring Logs and Well Construction Detail

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.

DRAWING NUMBER 844915-A90

APPROVED BY

CHECKED BY

DRAWN BY

OFFICE

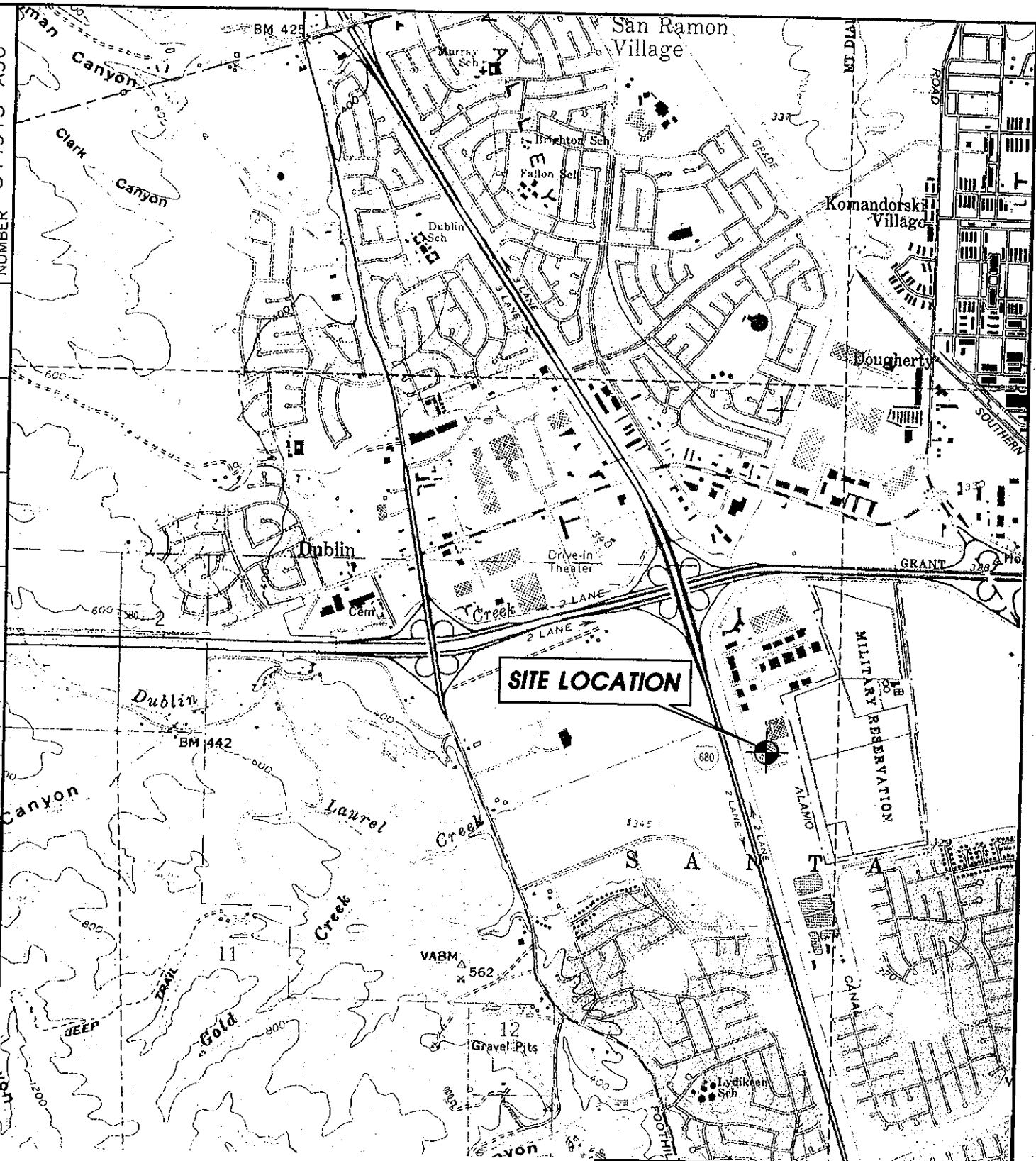
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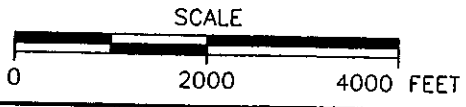
SCHAFFER 12/18/03

Concord

(B)3712/FB



REFERENCE:
 7.5' USGS TOPOGRAPHIC QUADRANGLE OF DUBLIN, CA
 DATED: 1961, PHOTOREVISED 1980:
 SCALE=1:24000.



Shaw
 Shaw E&I, Inc.

SBC
 SAN RAMON, CALIFORNIA

FIGURE 1

SITE VICINITY MAP
 SBC FACILITY
 7240 JOHNSON DRIVE
 DUBLIN, CALIFORNIA

ATTACHMENT 1

DRAWING NUMBER 844915-A94

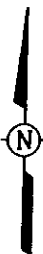
APPROVED BY

CHECKED BY

DRAWN BY MJV 12/18/03

OFFICE Concord

X-REF



SB-3-17

TPH-D	ND
TPH-G	ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
OXY	ND
SVOC	ND
LEAD	12

LOCATION OF FORMER 12,000 GAL. GASOLINE/DIESEL UST (REMOVED 10/23/03)

APPROXIMATE EXTENT OF EXCAVATION

SB-1-16

TPH-D	ND
TPH-G	ND
B	ND
T	ND
E	ND
X	ND
MTBE	0.025
OXY	ND
SVOC	ND
LEAD	12

SB-4-17

TPH-D	ND
TPH-G	ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
OXY	ND
SVOC	ND
LEAD	15

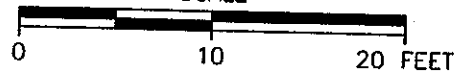
SB-2-16

TPH-D	15
TPH-G	ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
OXY	ND
SVOC	ND
LEAD	6.1

FORMER DISPENSER ISLAND

SBC BUILDING

SCALE



LEGEND

- ⊙ SOIL BORING SAMPLE LOCATION
- TPH-G TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-D TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- B BENZENE
- T TOLUENE
- E ETHYLBENZENE
- X XYLENES
- MTBE METHYL TERTIARY BUTYL ETHER
- OXY TERT-AMYLMETHYL ETHER, DI-ISOPROPYL ETHER
- ETHYL TERT-BUTYL ETHER, AND TERT-BUTANOL
- SVOC SEMIVOLATILE ORGANIC COMPOUNDS
- ND NOT DETECTED
- ALL RESULTS PREPOTED IN PARTS PER MILLION-ppm



SBC
SAN RAMON, CALIFORNIA

FIGURE 5
SOIL BORING SAMPLE ANALYTICAL RESULTS
(NOVEMBER 10, 2003)
SBC FACILITY

ATTACHMENT 2

115901-A44

DRAWING NUMBER

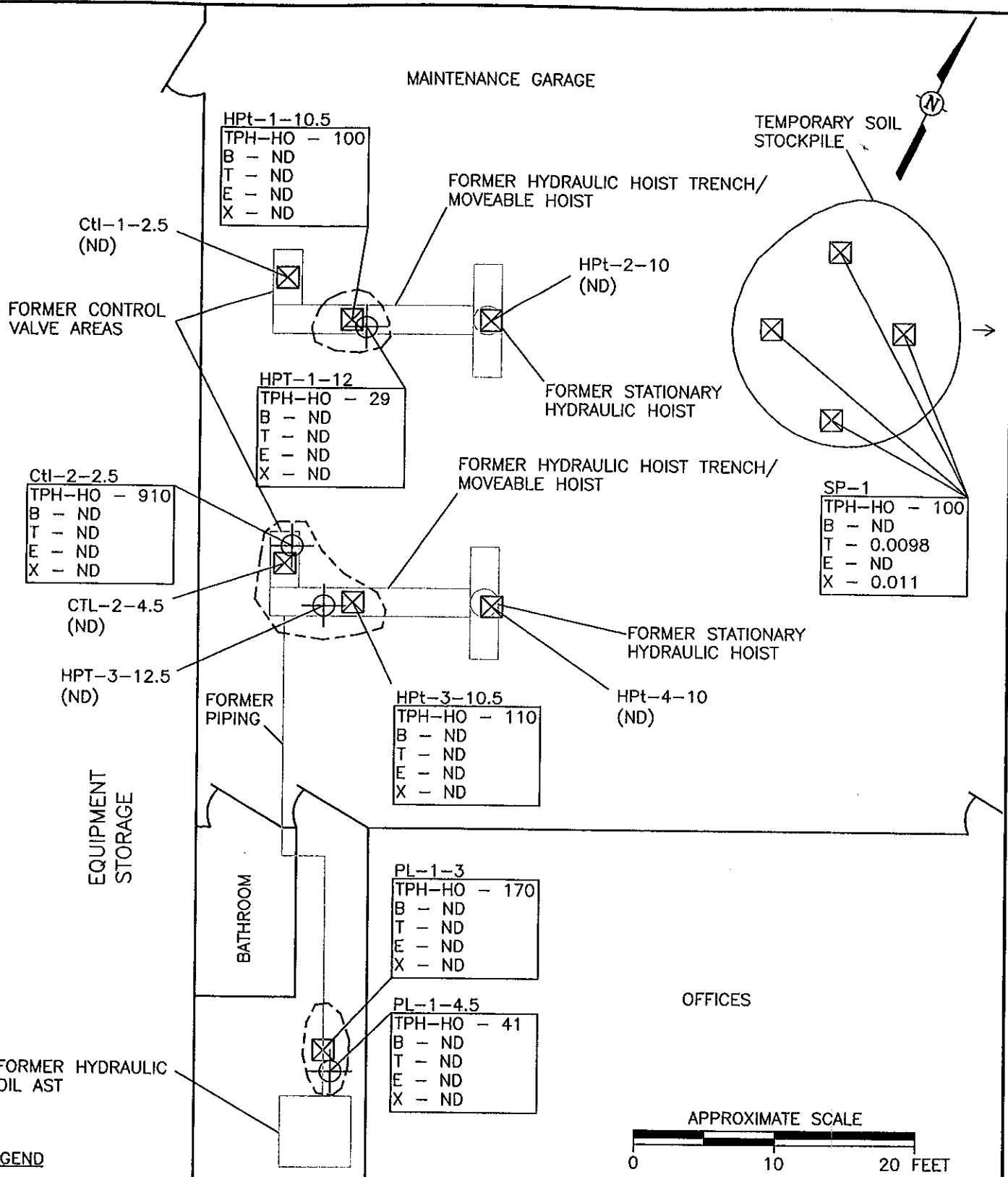
APPROVED BY
6-29-06 RD

CHECKED BY
AW 6-29-06 RD

DRAWN BY
RD 06/29/06

OFFICE
Concord

X-REF



HPT-1-10.5
TPH-HO - 100
B - ND
T - ND
E - ND
X - ND

Ctl-1-2.5
(ND)

HPT-2-10
(ND)

HPT-1-12
TPH-HO - 29
B - ND
T - ND
E - ND
X - ND

Ctl-2-2.5
TPH-HO - 910
B - ND
T - ND
E - ND
X - ND

CTL-2-4.5
(ND)

HPT-3-12.5
(ND)

HPT-3-10.5
TPH-HO - 110
B - ND
T - ND
E - ND
X - ND

HPT-4-10
(ND)

PL-1-3
TPH-HO - 170
B - ND
T - ND
E - ND
X - ND

PL-1-4.5
TPH-HO - 41
B - ND
T - ND
E - ND
X - ND

SP-1
TPH-HO - 100
B - ND
T - 0.0098
E - ND
X - 0.011

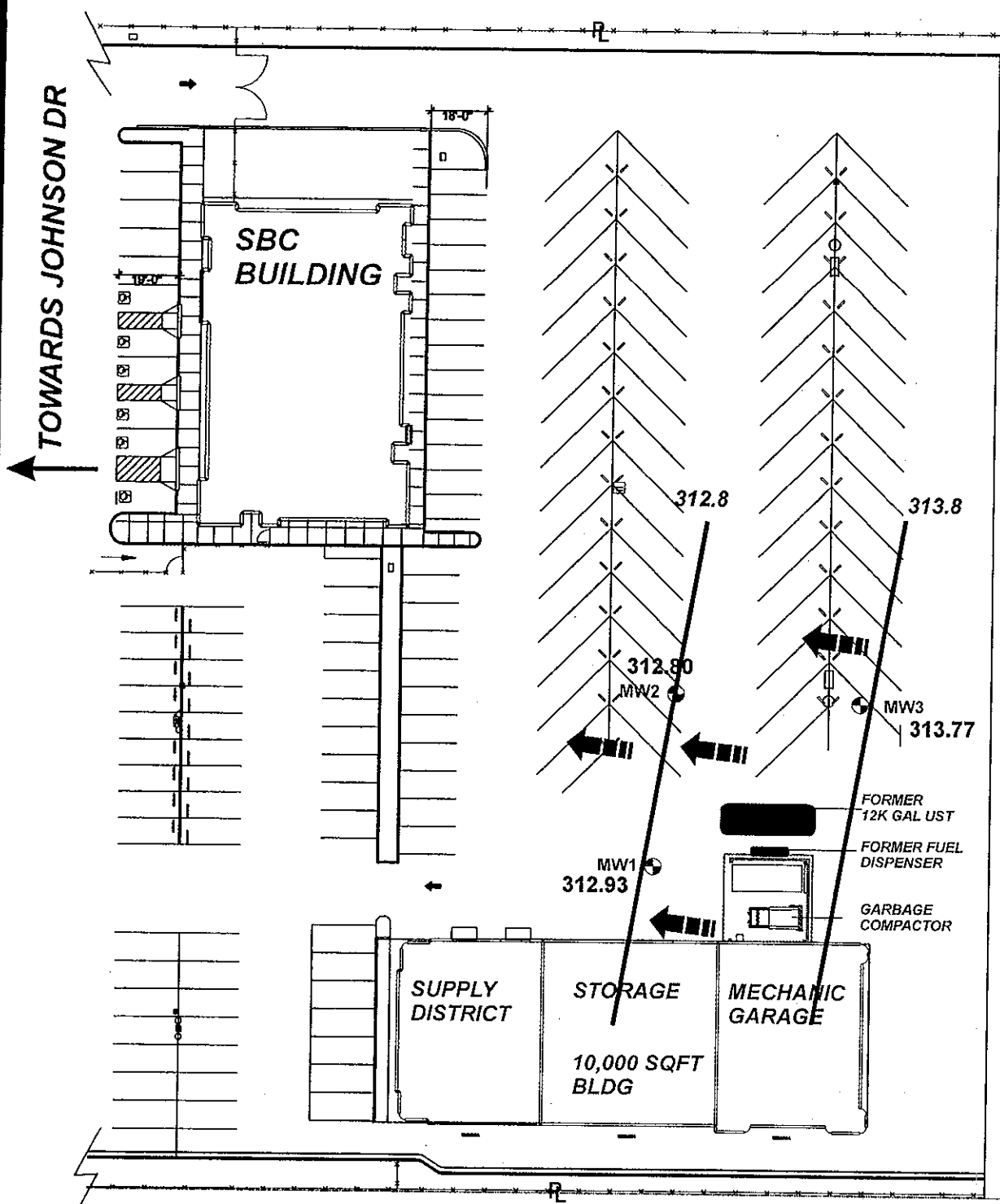
- ☒ SOIL SAMPLE LOCATION (02/01/06)
- ⊕ SOIL SAMPLE LOCATION (02/07/06)
- APPROXIMATE EXTENT OF OVER-EXCAVATION

TPH-HO - TOTAL PETROLEUM HYDROCARBONS AS HYDRAULIC OIL
 B - BENZENE
 T - TOLUENE
 E - ETHYLBENZENE
 X - XYLENES
 ND - NOT DETECTED
 ALL RESULTS REPORTED IN PARTS PER MILLION

Shaw
Shaw E & I, Inc.

AT&T
SAN RAMON, CALIFORNIA

FIGURE 3
SOIL SAMPLE ANALYTICAL RESULTS
 (FEBRUARY 1 AND 7, 2006)
 AT&T FACILITY
 7240 JOHNSON DRIVE
 PLEASANTON, CALIFORNIA



SCALE
0 50 feet

- MW3 GROUNDWATER MONITORING WELL (HI, 2005)
- 312.8 GROUNDWATER ELEVATION CONTOUR (feet above MSL)
- DIRECTION OF LOCAL GROUNDWATER FLOW

CLIENT 	LOCATION 7240 JOHNSON DRIVE PLEASANTON, CA 94566
TITLE GROUNDWATER MAP SEPTEMBER 13, 2005	FIGURE NUMBER 3
PROJECT 3033-00	
hydrologue, Inc. Consulting Engineers & Geologists	

TABLE 1
Soil Sample Analytical Results
SBC Facility
7240 Johnson Drive
Pleasanton, California

Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-D	TPH-G	BTEX	MTBE	Four Fuel Oxygenates	Semi-Volatile Organic Compounds	Lead
				(all results reported in parts per million)						
SCA-(1-4)	Soil Stockpile	---	10/23/03	43	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{1.6-8.0}	7.2
SCB-(1-4)	Soil Stockpile	---	10/23/03	4.2	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{0.66-3.2}	7.7
SCC-(1-4)	Soil Stockpile	---	10/23/03	1.7	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{0.33-1.6}	8.3
SCD-(1-4)	Soil Stockpile	---	10/23/03	6.2	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{1.6-8.0}	7.2
SCE-(1-4)	Soil Stockpile	---	10/23/03	14	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{0.33-1.6}	ND _{5.0}
SCF-(1-4)	Soil Stockpile	---	10/23/03	4.1	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{0.66-3.2}	11
SCG-(1-4)	Soil Stockpile	---	10/23/03	1.8	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{0.33-1.6}	7.5
SCH-(1-4)	Soil Stockpile	---	10/23/03	1.2	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{0.33-1.6}	6.1
SBCP-TP1	Tank Excavation	13 feet	10/28/03	ND _{1.0}	ND _{1.0}	ND _{0.005}	0.0066	ND _{0.005-0.025}	ND _{0.33-1.6}	14

ATTACHMENT 4

TABLE 1 (continued)
Soil Sample Analytical Results
SBC Facility
7240 Johnson Drive
Pleasanton, California

Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-D	TPH-G	BTEX	MTBE	Four Fuel Oxygenates	Semi-Volatile Organic Compounds	Lead
				(all results reported in parts per million)						
SB-1-16	West end of excavation	16 feet	11/10/03	ND _{1.0}	ND _{1.0}	ND _{0.005}	0.025	ND _{0.005-0.025}	ND _{0.33-1.6}	12
SB-2-16	Dispenser Island	16 feet	11/10/03	15	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{0.33-1.6}	6.1
SB-3-17	Center of excavation	17 feet	11/10/03	ND _{1.0}	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{0.33-1.6}	12
SB-4-17	East end of excavation	17 feet	11/10/03	ND _{1.0}	ND _{1.0}	ND _{0.005}	ND _{0.005}	ND _{0.005-0.025}	ND _{0.33-1.6}	15

Notes:

bsg - below surface grade

TPH-D - total petroleum hydrocarbons as diesel

TPH-G - total petroleum hydrocarbons as gasoline

BTEX- benzene, toluene, ethylbenzene, and xylenes

MTBE- methyl tertiary butyl ether

Four Fuel Oxygenates- ethyl tert-butyl ether, di-isopropyl ether, tert-amyl methyl ether, and tertiary butyl alcohol

ND_x - not detected above "x" laboratory detection limits

TABLE 1
Soil Sample Analytical Results
AT&T Facility
7240 Johnson Drive
Pleasanton, California

Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-HO	Benzene	Toluene	Ethylbenzene	Xylenes
				(all results reported in parts per million)				
HPT-1-10.5	north hoist pit	10.5 feet	02/01/06	100	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
HPT-2-10	north hoist pit	10 feet	02/01/06	ND _{5.0}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
HPT-3-10.5	south hoist pit	10.5 feet	02/01/06	110	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
HPT-4-10	south hoist pit	10 feet	02/01/06	ND _{5.0}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
CTL-1-2.5	north valve area	2.5 feet	02/01/06	ND _{5.0}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
CTL-2-2.5	south valve area	2.5 feet	02/01/06	910	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
PL-1-3	pipeline	3 feet	02/01/06	170	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
SP-1	soil stockpile	---	02/01/06	100	ND _{0.005}	0.0098	ND _{0.005}	0.011
HPT-1-12	north hoist pit following over-excavation	12 feet	02/06/06	29	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
HPT-3-12.5	south hoist pit following over-excavation	12.5 feet	02/06/06	ND _{5.0}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
CTL-2-4.5	south valve area following over-excavation	4.5 feet	02/06/06	ND _{5.0}	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
PL-1-4.5	pipeline following over-excavation	4.5 feet	02/06/06	41	ND _{0.005}	ND _{0.005}	ND _{0.005}	ND _{0.005}
San Francisco RWQCB ESLs for Shallow Soils (≤3 Meters BSG), Groundwater is a Current or Potential Source of Drinking Water, Commercial/Industrial Land Use Only				100	0.044	2.9	3.3	2.3

Notes:

bsg - below surface grade

TPH-HO - total petroleum hydrocarbons as hydraulic oil

ND_x - not detected above "x" laboratory detection limits

San Francisco Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs)

from *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*

Volume 1: Summary Tier 1 Lookup Tables, Interim Final - February 2005

TPH-HO ESL compared to TPH (middle distillate) value

8.0 ANALYTICAL TESTING RESULTS

8.1 Soil Samples

The analytical testing results for soil samples collected from MW-1 through MW-3 during performance of investigation activities are summarized below:

- No TPH-g, BTEX, MTBE, DIPE, ETBE, TAME, TBA, EDB, EDC and organic lead were detected above detection limits in any of the soil samples collected.
- Minor TPH-d concentrations were detected in all soil samples with a maximum concentration of 3 mg/Kg.
- Minor total lead concentrations were detected in all soil samples with a maximum concentration of 7.63 mg/Kg.

TABLE 2
Analytical Testing Results for Soil Samples
August 23, 2005
Miligrams/kilogram (mg/Kg)

	TPH-d	TPH-g	B	T	E	X	MTBE	ETBE, DIPE, TBA, TAME	EDB, EDC	Organic Lead	Total Lead
MW1d05.0	1.8	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	5.85
MW1d10.0	3	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	7.56
MW1d15.0	1.9	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	7.17
MW1d20.0	1.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA
MW2d05.0	1.2	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA
MW2d10.0	2	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	7.47
MW2d15.0	2.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	7.63
MW2d20.0	1.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA
MW3d05.0	1.8	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA
MW3d10.0	2.2	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	7.58
MW3d15.0	1.7	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	ND	6.57
MW3d20.0	1.6	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA

No analytes were encountered in the QA/QC field equipment samples. A copy of the original laboratory report is provided in Appendix D. Analytical results of laboratory QA/QC samples, which include matrix spike/matrix spike duplicates, check blank, method blanks, continuing calibration verification, laboratory control sample/laboratory control sample duplicate, calibration standards, and reference standards, are also found in the laboratory reports and generally fall within acceptable ranges. A copy of the original laboratory report is provided in Appendix D.

Project Name : 7240 JOHNSON DRIVE PLEASANTON, CA 94566

Project Number : SBC\3033

Sample : MW-1

Matrix : Water

Lab Number : 45917-01

Sample Date : 9/13/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Methyl-t-butyl ether (MTBE)	1.5	0.50	ug/L	EPA 8260B	9/19/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	9/19/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/19/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	9/19/2005
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	9/19/2005
Dibromofluoromethane (Surr)	103		% Recovery	EPA 8260B	9/19/2005
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	9/19/2005
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/21/2005
Octacosane (Diesel Surrogate)	106		% Recovery	M EPA 8015	9/21/2005

Approved I

Project Name : 7240 JOHNSON DRIVE PLEASANTON, CA 94566

Project Number : SBC\3033

Sample : MW-2

Matrix : Water

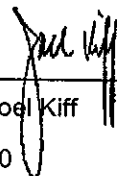
Lab Number : 45917-02

Sample Date :9/13/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	9/19/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/19/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	9/19/2005
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	9/19/2005
Dibromofluoromethane (Surr)	103		% Recovery	EPA 8260B	9/19/2005
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	9/19/2005
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/21/2005
Octacosane (Diesel Surrogate)	113		% Recovery	M EPA 8015	9/21/2005

Approved By:

Joel Kiff



Project Name : 7240 JOHNSON DRIVE PLEASANTON, CA 94566

Project Number : SBC\3033


Sample : MW-3

Matrix : Water

Lab Number : 45917-03

Sample Date :9/13/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	9/19/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	9/19/2005
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	9/19/2005
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	9/19/2005
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	9/19/2005
Dibromofluoromethane (Surr)	103		% Recovery	EPA 8260B	9/19/2005
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	9/19/2005
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	9/21/2005
Octacosane (Diesel Surrogate)	109		% Recovery	M EPA 8015	9/21/2005

Approved By:  Joel Kiff

Project: SBC-Pleasanton	Location: 7240 Johnson Drive, Pleasanton, CA	Project #: 3034-00
Logged By: RO	Start/Finish Date: 8-23-05	Boring I.D.: MW-1
1st Water Table (bgs):	Sampling Method (bgs): CA Modified Split Spoon	PID:
Last Water Table (bgs):	Wt. of Hammer (lb): #140 Hole Diameter: 8"	Elevation:
Rig Type: CME-85	Drilling Contractor: WDC	Weather:

Depth (ft.)	Sample Interval	Blow Count	Time	PID (ppm)	Lithology	USCS	Lithologic Description		Remarks
							(Soil classification, Color, Grain Size, Moisture, Consistency, Other)		
0							Asphalt		
1						GP	Fill- gravel, grey, medium, slightly moist, moderately compact		
2						CL	Sandy clay, blue-grey, moist, firm		
5	7/7/10		14:45	0		SM	Silty sand, grey, moist, moderately dense		
6						CL	Sandy clay, blue-grey, moist, stiff to hard, trace oxidation		
10	7/9/13		14:55	0					
15	9/11/12		15:05	0			Becomes very moist in tip, some gravel		
20	7/7/11		15:15	0					
25	6/8/10								
30							Total Depth Drilled = 25' feet.		
							Set well screen 5'-25'		
35									
40									

Project: SBC-Pleasanton	Location: 7240 Johnson Drive, Pleasanton, CA	Project #: 3034-00
Logged By: RO	Start/Finish Date: 8-23-05	Boring I.D.: MW-2
1st Water Table (bgs):	Sampling Method (bgs): CA Modified Split Spoon	PID:
Last Water Table (bgs):	Wt. of Hammer (lb): #140	Hole Diameter: 8"
Rig Type: CME-85	Drilling Contractor: WDC	Elevation:
		Weather:

Depth (ft.)	Sample Interval	Blow Count	Time	PID (ppm)	Lithology	USCS	Lithologic Description		Remarks
							(Soil classification, Color, Grain Size, Moisture, Consistency, Other)		
0							Asphalt		
						GP	Fill- gravel, grey, medium, slightly moist, moderately compact		
						SP	Fill- sand, brown, fine, moist, trace silt		
5	5/6/8	12:15	0			CL	Sandy clay, dark grey, moist, stiff, silty, trace, gravel		
10	6/7/7	12:20	0						
15	7/8/8	12:30	0						
20	5/9/12	12:40	0						
25	7/13/22								
30									
35									
40									

Drill rod wet at 21'

Total Depth Drilled = 25' feet.

8 bags sand x 100#

Set well screen 5'-25'

Project: SBC-Pleasanton		Location: 7240 Johnson Drive, Pleasanton, CA		Project #: 3034-00	
Logged By: RO		Start/Finish Date: 8-23-05		Boring I.D.: MW-3	
1st Water Table (bgs):		Sampling Method (bgs): CA Modified Split Spoon		PID:	
Last Water Table (bgs):		Wt. of Hammer (lb): #140		Hole Diameter: 8"	
Rig Type: CME-85		Drilling Contractor: WDC		Elevation:	
				Weather:	

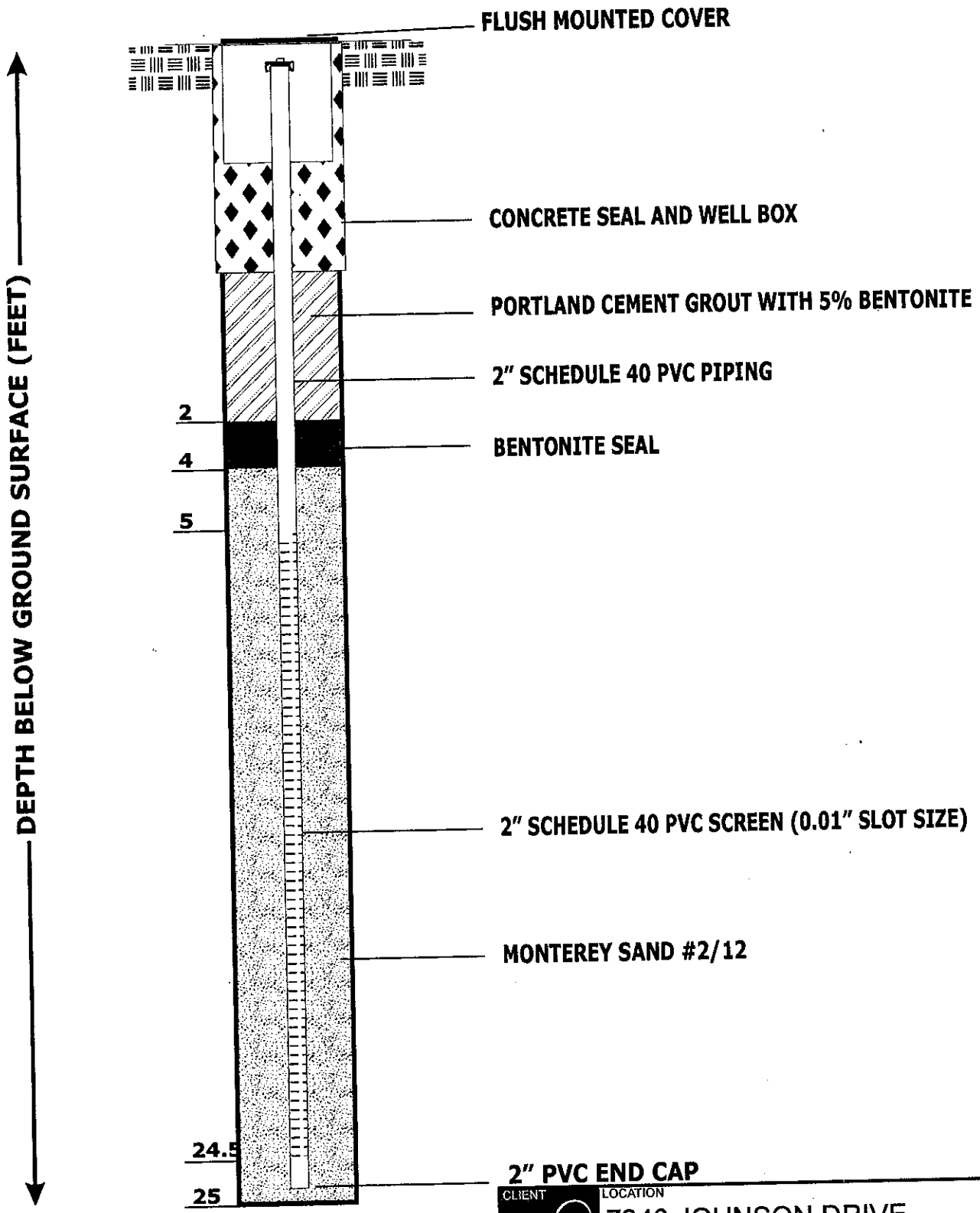
Depth (ft.)	Sample Interval	Blow Count	Time	PID (ppm)	Lithology	USCS	Lithologic Description		Remarks
							(Soil classification, Color, Grain Size, Moisture, Consistency, Other)		
0							0-4" Asphalt		
1									
2									
3									
4									
5		6/7/12	9:30	0					
6						GP	Fill- gravel, light gray, medium, slightly moist, moderately compact		
7						CL	Sandy clay, dark gray, moist, firm, some gravel and silt		
8									
9									
10		6/7/10	9:40	0			Sandy clay, dark gray, moist, firm, some gravel and silt		
11									
12									
13									
14									
15		11/14/19	9:50	0			Sandy clay, dark gray, moist, firm, some gravel and silt, light mottling		
16									
17									
18									
19									
20		11/9/11	10:00	0			Sandy clay, dark gray, moist, firm, some gravel and silt, light mottling		
21									
22									
23									
24									
25		10/17/23	10:10	0			Sandy clay, dark gray, moist, firm, some gravel and silt		
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

Total Depth Drilled = 25' feet.
 No groundwater during drilling

5 bags sand x 100#

Well set 5'-25'

Water after 1 hour



8-INCH
WELL BORING
ANNULAR SPACE

PERMIT NO. 25131

2" PVC END CAP	
CLIENT	LOCATION
	7240 JOHNSON DRIVE PLEASANTON, CA 94566
TITLE	FIGURE NUMBER
CONSTRUCTION DETAIL OF GROUNDWATER MONITORING WELLS MW-1 THROUGH MW-3	C
PROJECT	
3033-00	
hydrologue, Inc. <i>Consulting Engineers & Geologists</i>	