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UNDERGROUND STORAGE TANK REMOVAL REPORT SBC FACILITY 7240 JOHNSON DRIVE PLEASANTON, CALIFORNIA

Prepared for:

SBC
P.O. Box 5095
2600 Camino Ramon, Room 3E400GG
San Ramon, California 94583

Prepared by:

Shaw Environmental, Inc.
4005 Port Chicago Highway
Concord, California 94520

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Shaw Project No. 844915.31

December 2003

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1.0 Introduction

On behalf of SBC (formerly Pacific Bell), Shaw Environmental, Inc. (Shaw) was contracted to provide environmental consulting services during the removal of a 12,000-gallon dual compartment diesel and gasoline fuel underground storage tank (UST) at the SBC facility at 7240 Johnson Drive in Pleasanton, California (Figure 1). SBC's construction management contractor, Roebbelen Construction, also subcontracted Shaw to provide and operate equipment to perform the UST removal and to provide permitting services. Following removal of the UST, extensive pea gravel hindered the collection of soil samples from the bottom of the excavation. In order to facilitate soil sample collection, four borings were drilled in the former UST excavation and former dispenser areas. UST removal and boring installation activities discussed in this report were completed in October and November 2003 in compliance with local and state regulatory requirements.

1.1 Site Description

The SBC property is located in a predominately commercial area of Pleasanton, California. The site consists of a main building used for office space and a building utilized for equipment storage and vehicle maintenance. The remainder of the site is used for parking of SBC fleet and personal vehicles.

One 12,000-gallon dual compartment UST, containing diesel fuel and gasoline, was located on the south central side of the facility (Figure 2). As SBC has decided to remove the majority of their fleet fueling systems, the UST was scheduled for removal.

1.2 Permits

Prior to initiation of excavation activities, Shaw obtained a permit to remove the tank from the Livermore-Pleasanton Fire Department (LPFD). Prior to removal of the tank, a representative of the LPFD was scheduled to observe field activities. Copies of the permit and the State of California forms are included in Appendix A.

2.0 UST Removal Field Activities

2.1 Tank Removal

On December 27, 2002, as part of the temporary closure activities, the UST was triple rinsed by Ecology Control Industries (ECI) personnel using a fresh water/detergent mixture and a hot water pressure washer. The tank's contents (gasoline and diesel) had been removed prior to rinsing activities. Following rinsing, visual inspection of the tank did not indicate any residual sludge or liquid on the visible portions of the interior of the tank. Approximately 850 gallons of rinsate were removed from the tank using a vacuum truck. The rinsate was then transported for disposal, under manifest number 21996790, to Romic Chemical Corporation's facility in East Palo Alto, California. A copy of the manifest for the rinsate is included in Appendix B. The tank remained unused following triple rinsing.

On October 21, 2003, Shaw personnel began excavation activities with the removal of the pea gravel fill material around the tank. The contents of the tank (diesel and gasoline fuel) had been removed prior to excavation activities. The excavated fill was placed in a stockpile on plastic adjacent to the excavation.

On October 23, 2003, Shaw purged the fuel vapors from the tank using a venturi blower connected in line with an air compressor. Following venting, Shaw personnel placed dry ice inside each compartment of the tank in preparation for removal. After approximately 1 hour, the lower explosion limit (LEL) and percent oxygen were measured within each compartment of the tank. Both LEL and oxygen concentrations were recorded at below 10%. Upon authorization from Mr. Paul Smith, the LPFD inspector, the tank was removed from the excavation. Following removal, the tank was inspected for signs of deterioration, holes, or leakage. The tank was observed to be in good condition, without any holes or cracks. The tank was then transported to ECI's facility in Richmond, California for disposal under manifest 22301671. A copy of the tank closure certification is included in Appendix C. A copy of the hazardous waste manifest and a copy of the certificate of destruction for disposal of the tank are presented in Appendix D.

No petroleum hydrocarbon odors were detected during excavation activities. During excavation activities, groundwater was not encountered in the tank pit. However, after a period of rain, water was present within the excavation, which was believed to have originated from the rain

event and was not considered to be perched groundwater. At the direction of the regulator, a sample of the water was not collected at the time of the tank removal.

2.2 Sampling Activities

On October 23, 2003, Shaw attempted to collect soil samples from the tank excavation. However, due to extensive pea gravel underlying the area, soil samples could not be collected from the base of the excavation with the equipment on site. Shaw was only able to collect soil samples from the stockpile on the day of the tank removal. As soil samples from the excavation could not be collected at the time of tank removal, arrangements were made to use a larger excavator to facilitate the sample collection from beneath the former tank and dispenser island.

On October 28, 2003, an attempt was made by Shaw to collect the soil samples using the larger excavator. One soil sample, labeled SBCP-TP1, was collected by Shaw personnel from the west end of the excavation at a depth of 13 feet below surface grade (bsg). The sample was collected by pushing a sample tube into the soil, collected using the bucket of the backhoe, until full. Due to sidewall collapse, no other samples could be collected from the tank excavation. As a complete set of soil samples from the excavation and dispenser could not be collected using the larger excavator, arrangements were made to advance four soil borings in the excavation area upon completion of backfilling activities.

After each soil sample was collected, the ends of the sample tubes were covered with Teflon tape and capped. The soil samples were then appropriately labeled, placed in a cooler with ice, and transported under chain-of-custody protocol to the analytical laboratory. Copies of the chain of custody forms are included in Appendix E.

2.3 Sample Analyses

The soil samples were transported and submitted to McCampbell Analytical, Inc., an ELAP-certified laboratory in Pacheco, California. The soil samples were analyzed for total petroleum hydrocarbons as diesel (TPH-D) and total petroleum hydrocarbons as gasoline (TPH-G) under EPA method 8015 (modified). The samples were further analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) constituents using EPA method 8021B and for fuel oxygenates ethyl tert-butyl ether (ETBE), di-isopropyl ether (DIPE), methyl tert butyl ether (MTBE), tert amyl methyl ether (TAME), and tertiary butyl alcohol (TBA) under EPA method

8260B. Semi-volatile organic compounds and lead were analyzed using EPA methods 8270 and 6010, respectively.

2.4 Sample Analytical Results

TPH-G, BTEX constituents, all five fuel oxygenates, and all semi-volatile organic compounds tested were not detected in the laboratory analysis of the stockpile soil samples collected on October 23, 2003. TPH-D was detected at concentrations ranging from 1.2 parts per million (ppm) to 43 ppm. Lead was also detected at concentrations ranging from 6.1 ppm to 11 ppm. Analytical results are summarized in Table 1 and depicted in Figure 3. Copies of the analytical reports are included in Appendix E.

TPH-G, TPH-D, BTEX constituents, the fuel oxygenates TAME, TBA, DIPE, and ETBE, and all semi-volatile organic compounds tested were not detected in the laboratory analysis of the excavation soil sample collected on October 28, 2003. MTBE and lead were detected in the soil sample at 0.0066 ppm and 14 ppm, respectively. Analytical results are summarized in Table 1 and depicted in Figure 4. Copies of the analytical reports are included in Appendix E.

3.0 Site Restoration

After reviewing the sample analytical results, Mr. Paul Smith with the LPFD granted permission to use the stockpiled soil as backfill for the excavation. Following completion of the UST removal activities, Shaw backfilled the tank excavation using stockpiled soils and imported clean fill material.

4.0 Post-UST Removal Field Activities

Excessive pea gravel found beneath the UST excavation precluded Shaw from collecting a complete set of soil samples at the base of the tank excavation. Once the UST excavation was backfilled, three soil borings were advanced in the former excavation area and one in the former dispenser island in order to evaluate soil quality. The following sections outline the methods and procedures used:

4.1 Health and Safety and Underground Utility Location

Underground Service Alert (USA) was contacted and notified of the anticipated drilling location and date of field activities. A site-specific tailgate safety meeting was conducted in order to outline procedures to minimize the potential for exposure to hazardous work conditions.

4.2 Soil Borings

On November 10, 2003, Vironex Environmental Services (Vironex) of San Leandro, California, under the direction of Shaw personnel, advanced three direct push soil borings (SB-1-16, SB-3-17, and SB-4-17) in the former UST excavation area and one soil boring (SB-2-16) in the former dispenser island using a Geoprobe drill rig. Soil samples were collected from each of the borings to be submitted to the laboratory for analysis.

Boring SB-1-16, located on the western side of the tank excavation, was advanced to a total depth of 16 feet bsg and a soil sample was collected from 15.5 to 16 feet bsg. Boring SB-2-16, located in the former dispenser island, was drilled to approximately 16 feet bsg and was sampled from 15.5 to 16 feet bsg. Borings SB-3-17 and SB-4-17, located in the center and eastern sides of the tank excavation, respectively, were both terminated at approximately 17 feet bsg and sampled from 16.5 to17 feet bsg. No soil discoloration or petroleum odors were noted during boring activities. Groundwater was not encountered in any of the borings. Soil boring logs are included in Appendix F.

After each soil sample was collected, the ends of the sample tubes were covered with Teflon tape and capped. The soil samples were then appropriately labeled, placed in a cooler with ice, and transported under chain-of-custody protocol to the analytical laboratory. A copy of the chain of custody form is included in Appendix E.

In order to minimize the potential for cross contamination, the downhole equipment was washed between borings. Following completion of the soil sampling and withdrawal of the sampling equipment, the boreholes were backfilled to grade with cement grout and patched with concrete.

4.3 Soil Boring Sampling Analyses

The soil samples were transported and submitted to McCampbell Analytical laboratory in Pacheco, California, for analysis. The soil samples were analyzed for TPH-D and TPH-G under EPA method 8015 (modified) and for BTEX constituents under EPA method 8021. Fuel

oxygenates ETBE, DIPE, MTBE, TAME, and TBA were analyzed under EPA method 8260B, semi-volatile compounds were analyzed using EPA method 8270, and lead was analyzed under EPA method 6010.

4.4 Soil Boring Sample Analytical Results

TPH-G, BTEX constituents, semi-volatile organic compounds, and the fuel oxygenates ETBE, DIPE, TAME, and TBA were not detected in the analysis of any of the soil boring samples. TPH-D was encountered in soil sample SB-2-16 at a concentration of 15 ppm. MTBE was encountered in soil sample SB-1-16 at a concentration of 0.025 ppm. Lead was detected in all four soil borings ranging in concentration from 6.1 ppm to 15 ppm. Soil sample analytical results are summarized in Table 1 and depicted in Figure 5. A copy of the laboratory analytical report is included in Appendix E.

5.0 Conclusions

Based on the field observations and laboratory analytical data presented in this report, Shaw concludes the following:

- On October 23, 2003, a 12,000-gallon dual compartment (gasoline/diesel) UST was removed and transported off-site for disposal.
- Water, which was believed to have originated from a rain event, was encountered in the excavation during the tank removal.
- Excessive amounts of pea gravel at the bottom of the tank excavation precluded excavation sampling activities at the time of the tank removal.
- Stockpile soil samples contained concentrations of TPH-D ranging from 1.2 ppm to 43 ppm. Lead was detected at concentrations ranging from 6.1 ppm to 11 ppm.
- One excavation soil sample was collected on October 28, 2003 using a larger excavator. MTBE and lead were detected in the soil sample at 0.0066 ppm and 14 ppm, respectively.
- The excavation was subsequently backfilled with stockpiled soils and imported clean fill material.
- On November 10, 2003, four direct push soil borings were drilled at the site for the collection of soil samples in the area of the former UST excavation and dispenser island.

- No groundwater was encountered in the soil borings.
- TPH-D was encountered in soil sample SB-2-16 at 15 ppm. MTBE was encountered in soil sample SB-1-16 at a concentration of 0.025 ppm. Lead was detected in all four soil boring samples ranging in concentration from 6.1 ppm to 15 ppm.
- No additional action is warranted for this site.

5.1 Reporting Requirements

Copies of this report should be forwarded to the following regulatory agencies:

Mr. Paul Smith
Livermore/Pleasanton Fire Department
3560 Nevada Street
Livermore, California 94550

Ms. Donna Drogos
Alameda County Environmental Health
Local Oversight Program
1131 Harbor Bay Parkway
Alameda, California 94502

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

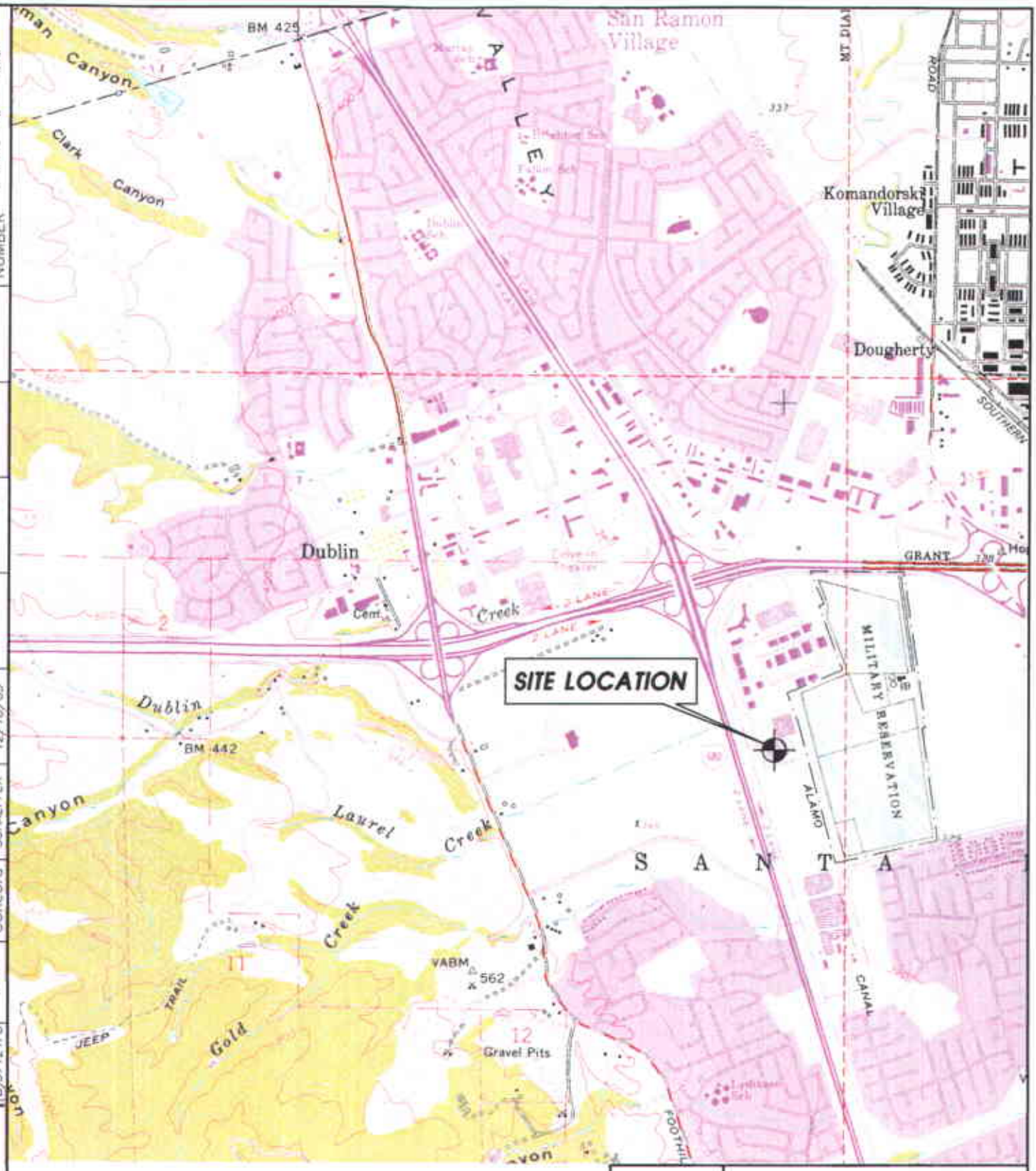
Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-D	TPH-G	BTEX	MTBE	Four Fuel Oxygenates	Semi-Volatile Organic Compounds	Lead
				(all results reported in parts per million)						
SCA-(1-4)	Soil Stockpile	---	10/23/03	**43**	$ND_{1.0}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005\text{-}0.025}$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

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**	$ND_{0.005\text{-}0.025}$	$ND_{0.33\text{-}1.6}$	**12**
SB-2-16	Dispenser Island	16 feet	11/10/03	**15**	$ND_{1.0}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005\text{-}0.025}$	$ND_{0.33\text{-}1.6}$	**6.1**
SB-3-17	Center of excavation	17 feet	11/10/03	$ND_{1.0}$	$ND_{1.0}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005\text{-}0.025}$	$ND_{0.33\text{-}1.6}$	**12**
SB-4-17	East end of excavation	17 feet	11/10/03	$ND_{1.0}$	$ND_{1.0}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005\text{-}0.025}$	$ND_{0.33\text{-}1.6}$	**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

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
(B)J712IF8	---	Concord	SCHAEFFER 12/18/03			844915-A90



REFERENCE:
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DATED: 1961, PHOTOREVISED 1980:
SCALE=1:24000.

SCALE
0 2000 4000 FEET

N

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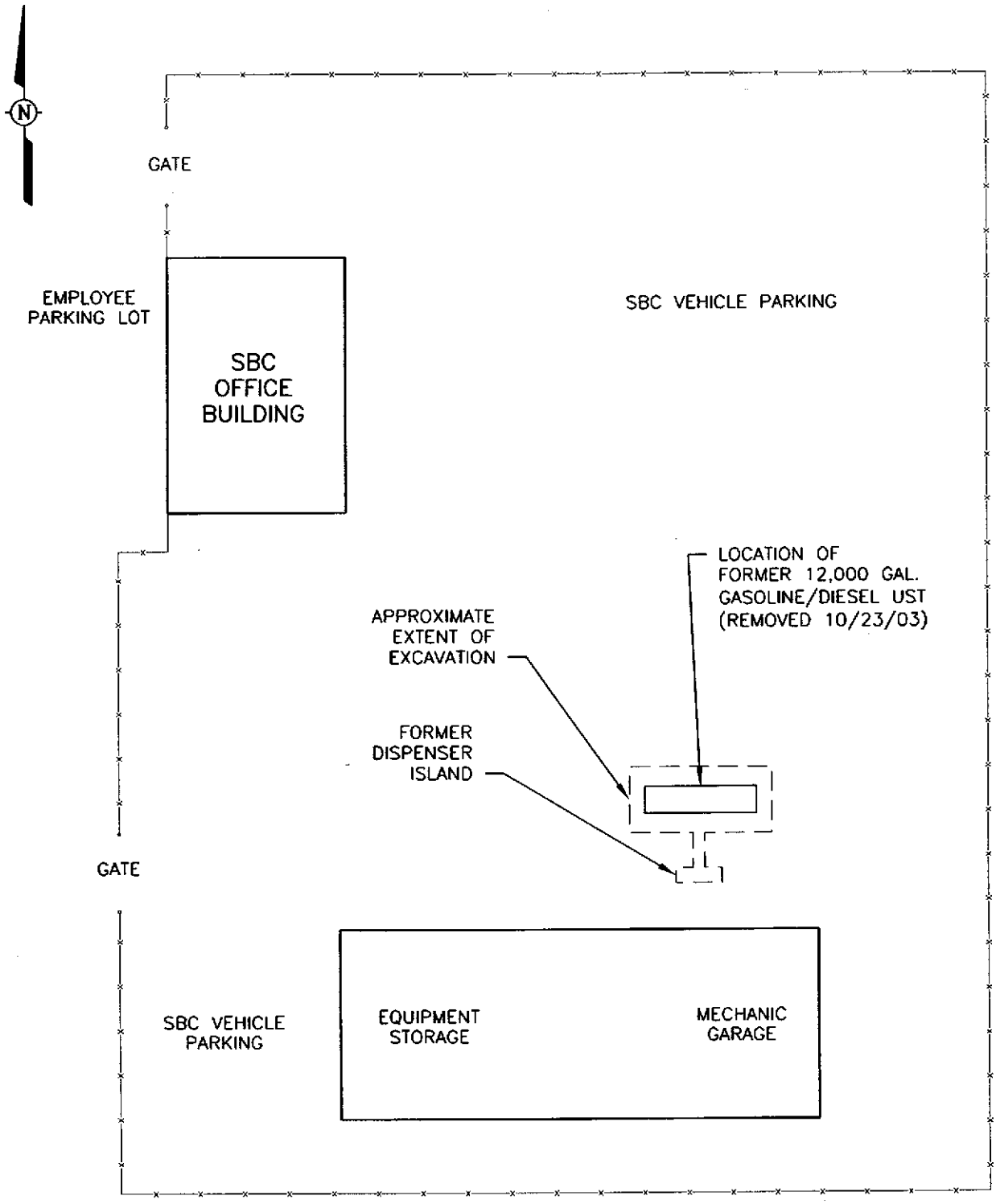
Shaw E & I, Inc.

SBC
SAN RAMON, CALIFORNIA

FIGURE 1

SITE VICINITY MAP
SBC FACILITY
7240 JOHNSON DRIVE
PLEASANTON, CALIFORNIA



SCALE

0 40 80 FEET

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	Concord	SCHAEFFER 12/18/03			844915-A91

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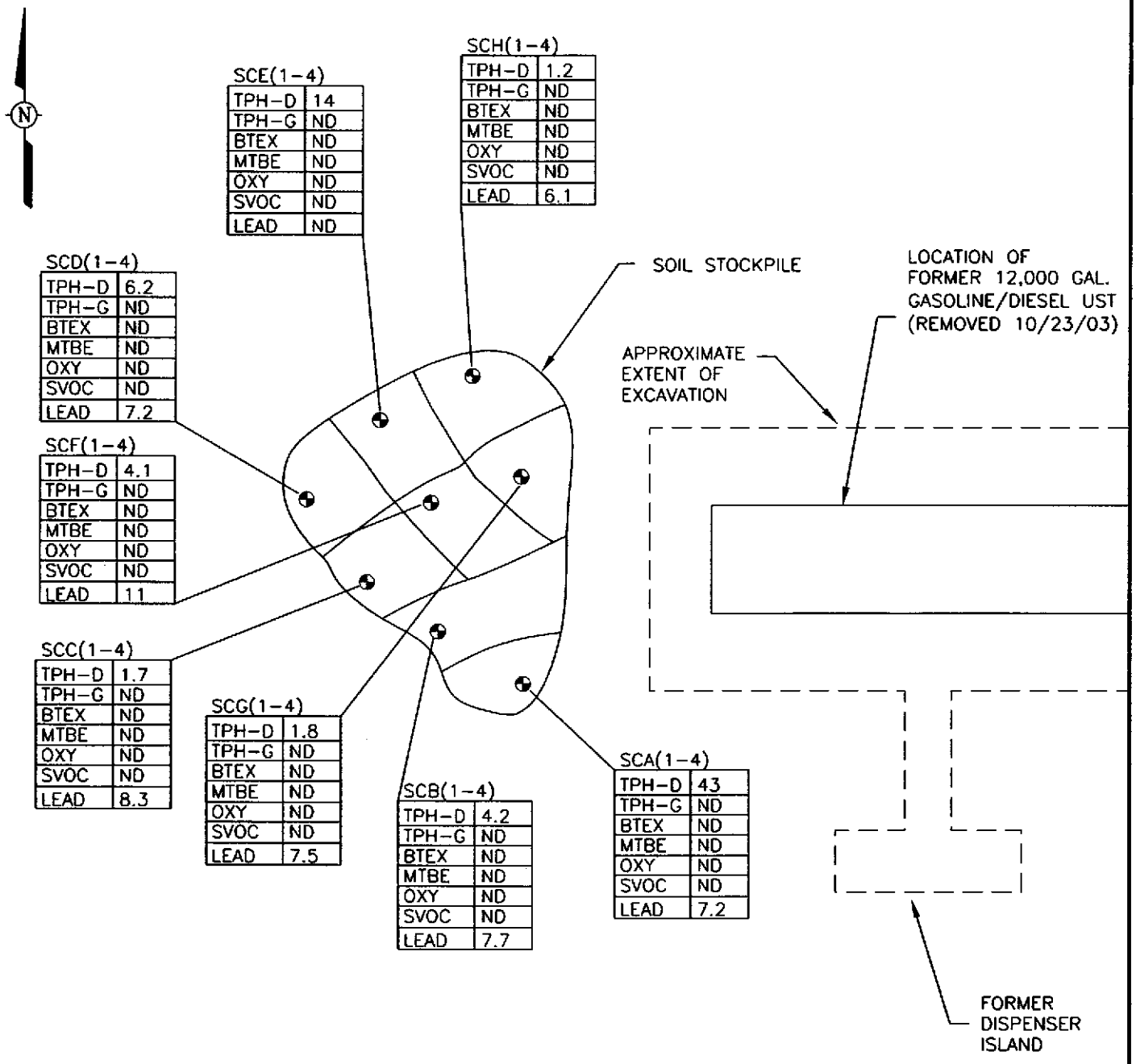
SBC
SAN RAMON, CALIFORNIA

FIGURE 2

SITE PLAN
SBC FACILITY
7240 JOHNSON DRIVE
PLEASANTON, CALIFORNIA



SCALE

0 10 20 FEET

LEGEND

- SOIL SAMPLE LOCATION
- TPH-G TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-D TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- BTEX BENZENE, TOLUENE, ETHYL BENZENE, 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 PREPORTED IN PARTS PER MILLION-ppm

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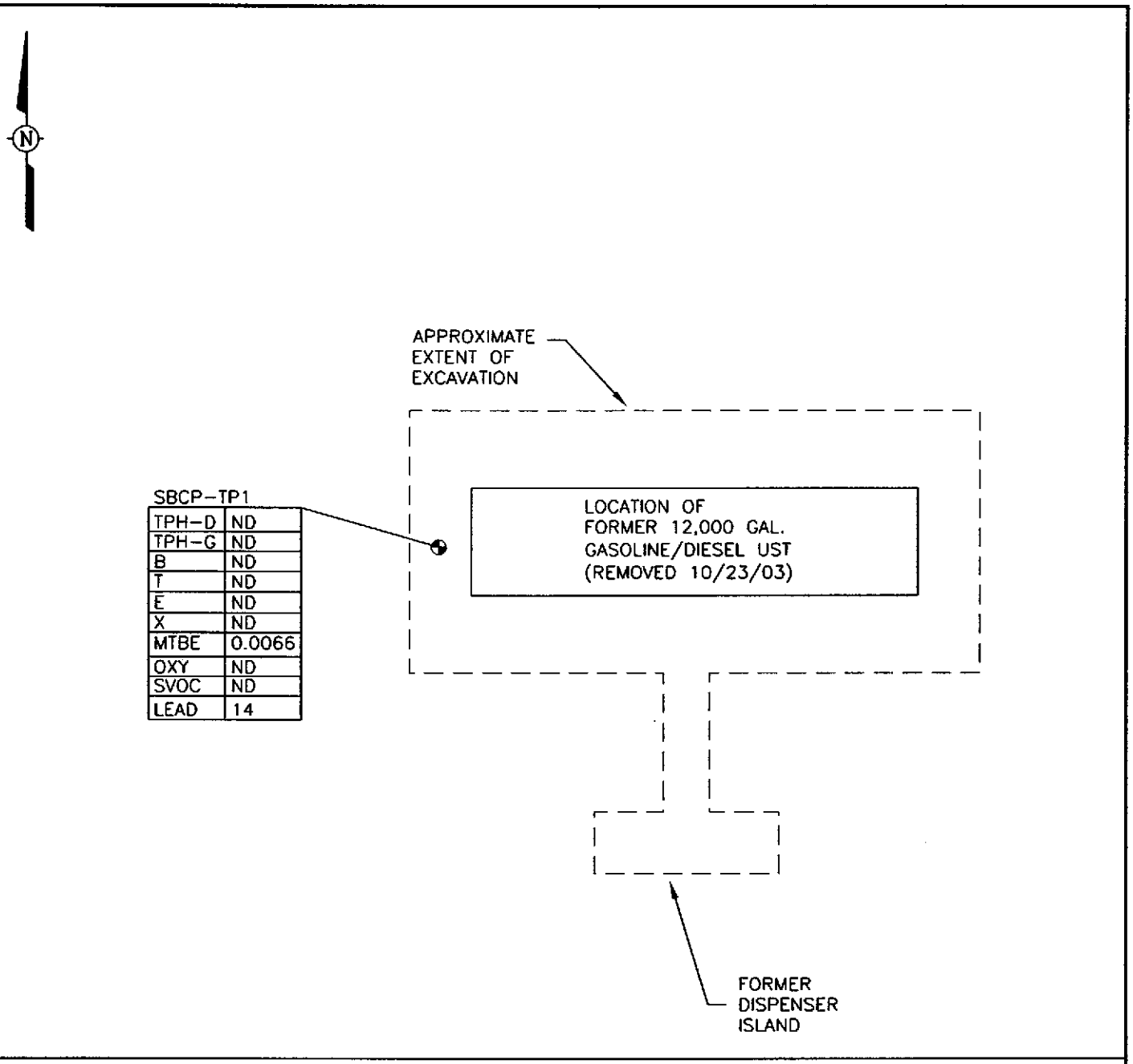
SAN RAMON, CALIFORNIA

FIGURE 3
SOIL SAMPLE ANALYTICAL RESULTS
(OCTOBER 23, 2003)
SBC FACILITY
7240 JOHNSON DRIVE
PLEASANTON, CALIFORNIA

DRAWING NUMBER 844915-A92
APPROVED BY
CHECKED BY
DRAWN BY MJV 12/18/03
OFFICE Concord
X-REF ---
IMAGE ---



DRAWING NUMBER 844915-A93
APPROVED BY
CHECKED BY
DRAWN BY MJV 12/18/03
OFFICE Concord
X-REF ---
IMAGE ---

SCALE
0 10 20 FEET

LEGEND

- ⊕ SOIL 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 PREPORTED IN PARTS PER MILLION-ppm

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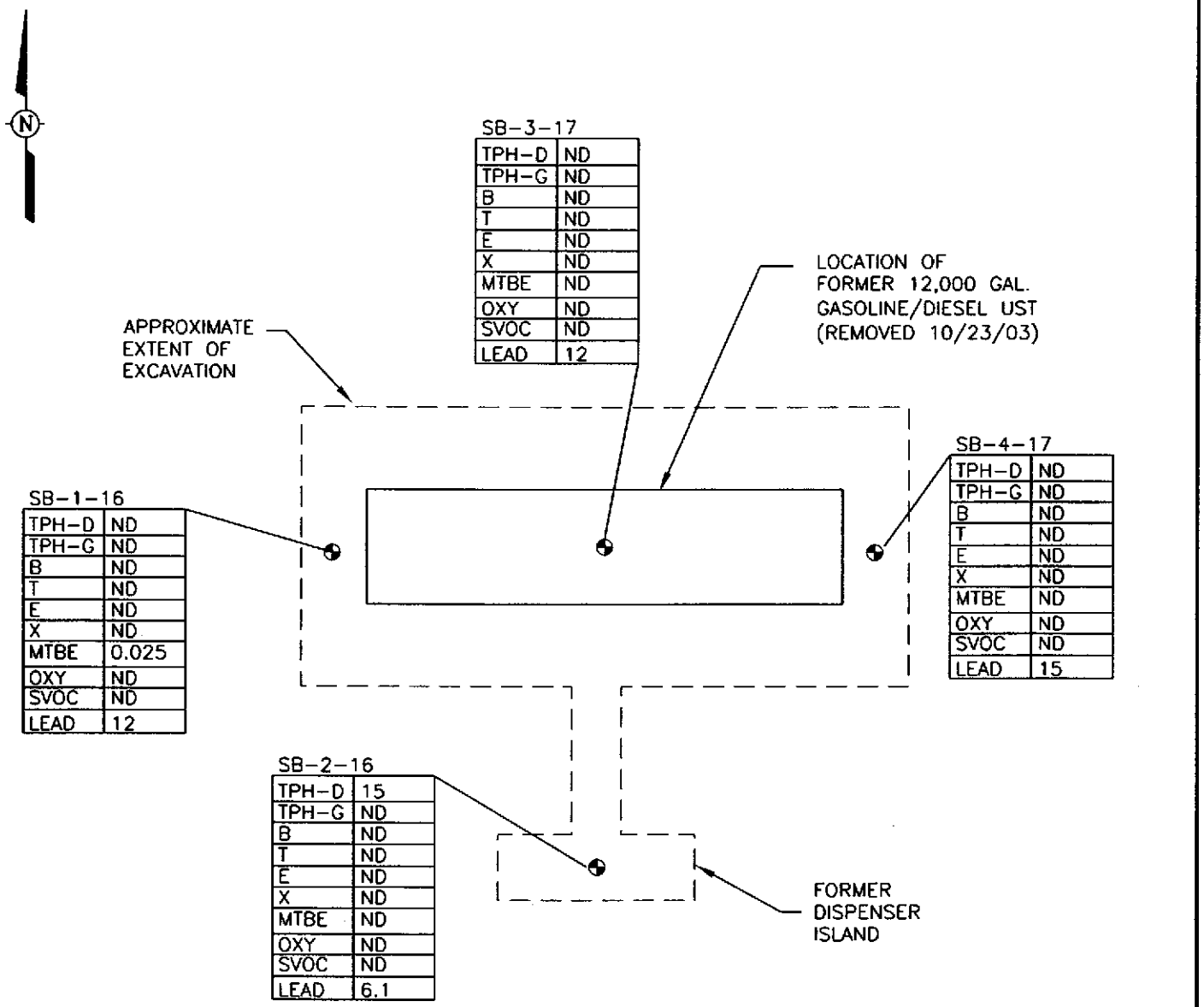
SAN RAMON, CALIFORNIA

FIGURE 4
SOIL SAMPLE ANALYTICAL RESULTS
(OCTOBER 28, 2003)
SBC FACILITY
7240 JOHNSON DRIVE
PLEASANTON, CALIFORNIA

IMAGE	X-REF	OFFICE	DRAWN BY		CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	Concord	MJV	12/18/03			844915-A94



SCALE

0 10 20 FEET

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 PREPORTED IN PARTS PER MILLION-ppm

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SBC
SAN RAMON, CALIFORNIA

FIGURE 5
SOIL BORING SAMPLE ANALYTICAL RESULTS
(NOVEMBER 10, 2003)
SBC FACILITY
7240 JOHNSON DRIVE
PLEASANTON, CALIFORNIA

Appendix A

Tank Removal Permit and State Forms

Livermore-Pleasanton Fire Department
3560 Nevada St., Pleasanton, 94566
(925) 454-2361 Fax: (925) 454-2367

UNDERGROUND TANK CLOSURE PLAN

General Information

1. Name of Business: SBC - PE171
   Site Address: 7240 Johnson Drive
   Tank Owner/Operator Contact Person: SBC Phone: 925-823-7451
   EPA ID #: CAD981631500

2. Property Owner: SBC
   Owner Address: 2600 Camino Ramon Room # 3E000
   San Ramon, CA 94583

3. Tank Removal Contractor: SHAW ENVIRONMENTAL
   Address: 4005 Port Chicago Hwy Concord, CA 94521
   Phone: 925-298-2297 License Type: A - HAZ ID #: 815620

4. Required attachments:

   - [x] Worker's Compensation Certificate copy
   - [x] Plot Plan
   - [x] State "Facility" and "Tank" forms (one two page "Tank" form for each UST removed)
   - [x] Pleasanton: Check payable to the City of Pleasanton
     Livermore: Check payable to the City of Livermore
   - [ ] Business License

TANK INFORMATION

5. Tanks to be closed:

Tank No.	Tank Size (gallons)	Tank Contents (including both current and former, if different)	Materials of construction	Age of Tank
1	8,000	previously contained gasoline	FG	UNK
2	4,000	previously contained diesel	FG	UNK
3				
4				
5				
6				

6. Total number of underground tanks at this facility (prior to this closure): 2

7. Length of piping being closed under this plan: 15 feet

8. Have tanks or pipes leaked in the past?
   - ☐ Yes. Describe: _____
   - ☐ No
   - ☑ Unknown

Management of Tanks

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Piping must be disposed of as hazardous waste unless approved alternative method used. Inaccessible piping must be permanently plugged. It is the contractor's responsibility to bring a working combustible gas indicator on site to verify that the tank is inert. Tanks cannot be removed from the ground unless the LEL is < 20% and the O_2 is <10%. **The meter must be calibrated in the fire inspector's presence.**

A. Tanks to be managed as NON Hazardous Waste:
A supplemental plan must be attached to this plan demonstrating how the requirements of California Code of Regulations Title 22, Chapter 32 Management of Tanks, Sections 67383.1 – 67383.5 will be satisfied.

B. Tanks to be managed as Hazardous Waste:
Dry ice must be placed in the tank in an amount not less than 22.2 pounds per 1000 gallons of tank capacity. Other methods must be approved on a case by case basis by the Fire Department.

9. Methods to be used for rendering tank(s) inert:
   - ☑ Cleaning (See attached supplemental information
   - ☑ Dry ice (22.2 pounds per 1000 gallons tank volume)
   - ☐ Other _____

Sample Collection and Analysis

10. Sample Analysis

Samples will be done on a 24 hr TAT

	TPHG	TPH D	BTX&E	Lead	CL Hydro	O&G	EPA 8270	pH	MTBE 8260	Other (specify)
Tank 1	✓	✓	✓	✓		pest ✓	✓		✓	
Tank 2	✓	✓	✓	✓			✓		✓	
Tank 3										
Tank 4										
Tank 5										

One soil sample must be collected for every 20 linear feet of piping that is removed. An underground water sample must be collected if any ground water is present in the excavation. Two soil samples must be collected at each end of the underground tank in native soil (one sample for tanks less than 1,000 gallons).

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting if odors are present.

11. Sampling plan for stockpiled soil: 20 c.y. - 4 point composite samples

12. Will the excavated soil be returned to the excavation immediately after tank removal?

If yes, explain reasoning: Soil will be returned after analytical results reflect no contamination is present in stockpile.

s

Please be aware that excavated soil may not be returned to the excavation without prior approval.

ADDITIONAL CONTRACTOR/CONSULTANT INFORMATION:

13. **Product/Residual Sludge/Rinsate Transporter**

Name: NA See Temp closure EPA ID#: _____
Hauler License #: report License Exp. Date: _____
Address : _____

14. **Product/Residual Sludge/Rinsate Disposal Site**

Name: NA - See Temp EPA ID#: _____
Address : closure report

15. **Tank & Piping Transporter**

Name: Geology Control Industries EPA ID#: CAD982030173
Address : 255 Parr Blvd
Richmond Ca 94801

16. **Tank & Piping Disposal Site**

Name: Geology Control Industries EPA ID#: CAD009416e392
Address : SAME AS ABOVE

17. **Sample Collector**

Name: SHAW Environmental EPA ID#: NA
Address : 4005 Port Chicago Hwy
Concord Ca 94520

18. **Laboratory**

Name: McCampbell Analytical EPA ID#: License #1644
Address : 110 2nd Ave South Unit D-7
Pacheco Ca 94553

CLOSURE REPORT:

A final closure report must be submitted within 60 days of tank closure which describes the closure activities, presents the sample analysis results including copies of lab reports and chain of custody, and documents the final disposal of waste materials, tanks, and piping including one copy of the waste manifests.

Questions for the Fire Department can be addressed to Paul Smith (925-454-2339, psmith@lpfire.org), John Rigter (925-454-2337, jrigter@lpfire.org), Danielle Stefani (925-454-2338, dstefani@lpfire.org)

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS - TANK PAGE 1

(two pages per tank)

Page 1 of 2

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION) ☐ 6. TEMPORARY SITE CLOSURE
☐ 3. RENEWAL PERMIT (Specify reason - for local use only) (Specify change - for local use only) ☒ 8. TANK REMOVED 430

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3 | FACILITY ID # 01 000 016382 1
SBC - Pacific Bell PE171

LOCATION WITHIN SITE (Optional) 431
South/East section & rear parking lot

I. TANK DESCRIPTION (A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 432	TANK MANUFACTURER 433	COMPARTMENTALIZED TANK ☒ Yes ☐ No 434 (If "Yes", complete one page for each compartment.)
2002	Modern Welding	
DATE INSTALLED (YEAR/MO) 435	TANK CAPACITY IN GALLONS 436	NUMBER OF COMPARTMENTS 437
1993	8,000	2

ADDITIONAL DESCRIPTION (For local use only) 438
12,000 Gal split - 8,000 gas - 4,000 diesel

II. TANK CONTENTS

TANK USE 439
☐ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☒ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MIDGRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441
CAS # (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
☒ 2. DOUBLE WALL ☐ 4. SINGLE WALL IN A VAULT ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444
☒ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☒ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN
☐ 2. ALKYD LINING ☐ 4. PHENOLIC LINING ☒ 6. UNLINED ☐ 99. OTHER
DATE INSTALLED 447 (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only) 448
☐ 1. MANUFACTURED CATHODIC PROTECTION ☒ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN
☐ 2. SACRIFICIAL ANODE ☐ 4. IMPRESSED CURRENT ☐ 99. OTHER
DATE INSTALLED 449 (For local use only)

SPILL AND OVERFILL (Check all that apply) 450
YEAR INSTALLED 451 TYPE (For local use only)
☒ 1. SPILL CONTAINMENT 1993
☒ 2. DROP TUBE 1993
☒ 3. STRIKER PLATE 1993

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☒ 1. ALARM 1993 ☐ 3. FILL TUBE SHUT OFF VALVE 93
☐ 2. BALL FLOAT ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency.)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☒ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) 455: 12/02
ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456: 0 gallons
TANK FILLED WITH INERT MATERIAL? 457: ☐ Yes ☐ No N/A

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

	UNDERGROUND PIPING				ABOVEGROUND PIPING			
SYSTEM TYPE	☐ 1. PRESSURE	☐ 2. SUCTION	☐ 3. GRAVITY	458	☐ 1. PRESSURE	☐ 2. SUCTION	☐ 3. GRAVITY	459
CONSTRUCTION	☐ 1. SINGLE WALL	☐ 3. LINED TRENCH	☐ 99. OTHER	460	☐ 1. SINGLE WALL	☐ 95. UNKNOWN		462
MANUFACTURER	☒ 2. DOUBLE WALL	☐ 95. UNKNOWN			☐ 2. DOUBLE WALL	☐ 99. OTHER		
MANUFACTURER				461	MANUFACTURER			463
	☐ 1. BARE STEEL	☐ 6. FRP COMPATIBLE w/100% METHANOL			☐ 1. BARE STEEL	☐ 6. FRP COMPATIBLE W/100% METHANOL		
	☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL	☐ Unknown		☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL		
	☐ 3. PLASTIC COMPATIBLE W/ CONTENTS	☐ 99. Other			☐ 3. PLASTIC COMPATIBLE W/ CONTENTS	☐ 8. FLEXIBLE (HDPE)	☐ 99. OTHER	
	☒ 4. FIBERGLASS	☐ 8. FLEXIBLE (HDPE)			☐ 4. FIBERGLASS	☐ 9. CATHODIC PROTECTION		
	☐ 5. STEEL W/COATING	☐ 9. CATHODIC PROTECTION		464	☐ 5. STEEL W/COATING	☐ 95. UNKNOWN		465

VII. PIPING LEAK DETECTION (Check all that apply) (A description of the monitoring program shall be submitted to the local agency.)

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

CONVENTIONAL SUCTION SYSTEMS

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALUES IN BELOW GROUNDPIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☒ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS (Check all that apply)

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM

☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW (Check all that apply):

☐ 8. DAILY VISUAL MONITORING

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☐ a AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☐ b AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK DETECTOR

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT

DATE INSTALLED 468

1993

- ☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
- ☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
- ☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
- ☐ 4. DAILY VISUAL CHECK
- ☐ 5. TRENCH LINER / MONITORING
- ☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge

SIGNATURE OF OWNER/OPERATOR	DATE 470
NAME OF OWNER/OPRATOR (print) 471	TITLE OF OWNER/OPERATOR 472

Permit Number (For local use only) 473	Permit Approved (For local use only) 474	Permit Expiration Date (For local use only) 475

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS - FACILITY

(one page per site)

Page 1 of 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 3. RENEWAL PERMIT ☐ 5. CHANGE OF INFORMATION (Specify change - local use only)_____ ☐ 7. PERMANENTLY CLOSED SITE
☐ 4. AMENDED PERMIT ☐ 6. TEMPORARY SITE CLOSURE ☒ 8. TANK REMOVED 400

I. FACILITY / SITE INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3
SBC Pacific Bell PE171

FACILITY ID # 1
01 006 0116382

ADDRESS: STREET 401
7240 Johnson dr, Pleasanton

FACILITY OWNER TYPE
☒ 1. CORPORATION ☐ 4. LOCAL AGENCY/DISTRICT*
☐ 2. INDIVIDUAL ☐ 5. COUNTY AGENCY*
☐ 3. PARTNERSHIP ☐ 6. STATE AGENCY*
☐ 7. FEDERAL AGENCY* 402

BUSINESS TYPE
☐ 1. GAS STATION ☐ 3. FARM ☒ 5. COMMERCIAL
☐ 2. DISTRIBUTOR ☐ 4. PROCESSOR ☐ 6. OTHER 403

TOTAL NUMBER OF TANKS REMAINING AT SITE
0 404

Is facility on Indian Reservation or trustlands?
☐ Yes ☒ No 405

*If owner of UST is a public agency: name of supervisor of division, section or office which operates the UST. (This is the contact person for the tank records.) 406

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407
SBC Corporate Real Estate

PHONE 408
925-823-7451

MAILING OR STREET ADDRESS 409
2600 Camino Ramon Rm 3E400G6

CITY 410
San Ramon

STATE 411
Ca

ZIP CODE 412
94583

PROPERTY OWNER TYPE
☒ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 4. LOCAL AGENCY / DISTRICT ☐ 6. STATE AGENCY 413
☐ 3. PARTNERSHIP ☐ 5. COUNTY AGENCY ☐ 7. FEDERAL AGENCY

III. TANK OWNER INFORMATION

TANK OWNER NAME 414
SBC Corporate Real Estate

PHONE 415
925-823-7451

MAILING OR STREET ADDRESS 416
2600 Camino Ramon, Rm 3E400G6

CITY 417
San Ramon Ca

STATE 418
Ca

ZIP CODE 419
94583

TANK OWNER TYPE
☒ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 4. LOCAL AGENCY / DISTRICT ☐ 6. STATE AGENCY 420
☐ 3. PARTNERSHIP ☐ 5. COUNTY AGENCY ☐ 7. FEDERAL AGENCY

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44-031914 Call (916) 322-9669 if questions arise 421

V. PETROLEUM UST FINANCIAL RESPONSIBILITY

INDICATE METHOD(S)
☒ 1. SELF-INSURED ☐ 4. SURETY BOND ☐ 7. STATE FUND ☐ 10. LOCAL GOVT MECHANISM
☐ 2. GUARANTEE ☐ 5. LETTER OF CREDIT ☐ 8. STATE FUND & CFO LETTER ☐ 99. OTHER:_____ 422
☐ 3. INSURANCE ☐ 6. EXEMPTION ☐ 9. STATE FUND & CD

VI. LEGAL NOTIFICATION AND MAILING ADDRESS

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner unless box 1 or 2 is checked.
☐ 1. FACILITY ☐ 2. PROPERTY OWNER ☒ 3. TANK OWNER 423

VII. APPLICANT SIGNATURE

Certification: I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT	DATE 424	PHONE 425

NAME OF APPLICANT (print) 426	TITLE OF APPLICANT 427

STATE UST FACILITY NUMBER (For local use only) 428	1998 UPGRADE CERTIFICATE NUMBER (For local use only) 429

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 1

(two pages per tank)

TYPE OF ACTION (Check one item only) ☐ 1 NEW SITE PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☒ 7 PERMANENTLY CLOSED ON SITE ☐ 3 RENEWAL PERMIT (Specify reason – for local use only) (Specify reason – for local use only) ☐ 8 TANK REMOVED 430

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3BC - Pacific Bell | 3 | FACILITY ID: | 1

LOCATION WITHIN SITE (Optional) South/East section of back parking lot 431

I. TANK DESCRIPTION (A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 432	TANK MANUFACTURER 433	COMPARTMENTALIZED TANK ☒ Yes ☐ No 434
unknown	unknown	If "Yes", complete one page for each compartment.
DATE INSTALLED (YEAR/MO) 435	TANK CAPACITY IN GALLONS 436	NUMBER OF COMPARTMENTS 437
unknown	10,000 GAL	2

ADDITIONAL DESCRIPTION (For local use only) 438
12,000 Gal split - 8000 gasoline - 2000 Diesel

II. TANK CONTENTS

TANK USE 439
☑ 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☒ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MIDGRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441

CAS# (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☒ 95. UNKNOWN
☐ 2. DOUBLE WALL ☐ 4. SIGNLE WALL IN VAULT ☐ 99. OTHER

TANK MATERIAL – primary tank (Check one item only) 444
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☒ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL – secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☒ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) 446 DATE INSTALLED 447
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☒ 95. UNKNOWN
☐ 2 ALKYD LINING ☐ 4 PHENOLIC LINING ☐ 6 UNLINED ☐ 99 OTHER
(For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only) 448 DATE INSTALLED 449
☐ 1 MANUFACTURED CATHODIC PROTECTION ☐ 3 FIBERGLASS REINFORCED PLASTIC ☒ 95 UNKNOWN
☐ 2 SACRIFICIAL ANODE ☐ 4 IMPRESSED CURRENT ☐ 99 OTHER
(For local use only)

SPILL AND OVERFILL (Check all that apply) YEAR INSTALLED 450 TYPE (local use only) 451
☒ 1 SPILL CONTAINMENT
☒ 2 DROP TUBE
☒ 3 STRIKER PLATE

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☒ 1 ALARM ☒ 3 FILL TUBE SHUT OFF VALVE
☒ 2 BALL FLOAT ☐ 4 EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency.)

IF SINGLE WALL TANK (Check all that apply) 453
☐ 1 VISUAL (EXPOSED PORTION ONLY)
☐ 2 AUTOMATIC TANK GAUGING (ATG)
☐ 3 CONTINUOUS ATG
☐ 4 STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING
☐ 5 MANUAL TANK GAUGING (MTG)
☐ 6 VADOSE ZONE
☐ 7 GROUNDWATER
☐ 8 TANK TESTING
☐ 99 OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454
☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
☒ 2 CONTINUOUS INTERSTITIAL MONITORING
☐ 3 MANUAL MONITORING

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) 455	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456	TANK FILLED WITH INERT MATERIAL? 457
unknown	0 gallons	☒ Yes ☐ No

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 1

(two pages per tank)

TYPE OF ACTION (Check one item only) ☐ 1 NEW SITE PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☒ 7 PERMANENTLY CLOSED ON SITE ☐ 3 RENEWAL PERMIT (Specify reason – for local use only) (Specify reason – for local use only) ☐ 8 TANK REMOVED 430

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As)	3	FACILITY ID:	1
SBC-Pacific Bell			

LOCATION WITHIN SITE (Optional) 431

South/east section of back parking lot

I. TANK DESCRIPTION (A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 432	TANK MANUFACTURER 433	COMPARTMENTALIZED TANK ☒ Yes ☐ No 434
Unknown	Unknown	If "Yes", complete one page for each compartment.
DATE INSTALLED (YEAR/MO) 435	TANK CAPACITY IN GALLONS 436	NUMBER OF COMPARTMENTS 437
Unknown	10,000 Gal	2

ADDITIONAL DESCRIPTION (For local use only) 438

12,000 Gal split - 8,000 gasoline - 3000 diesel

II. TANK CONTENTS

TANK USE 439
- ☒ 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type)
- ☐ 2. NON-FUEL PETROLEUM
- ☐ 3. CHEMICAL PRODUCT
- ☐ 4. HAZARDOUS WASTE (Includes Used Oil)
- ☐ 95. UNKNOWN

PETROLEUM TYPE 440
- ☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
- ☐ 1b. PREMIUM UNLEADED ☒ 3. DIESEL ☐ 6. AVIATION FUEL
- ☐ 1c. MIDGRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441

CAS# (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
- ☐ 1. SINGLE WALL
- ☐ 2. DOUBLE WALL
- ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER
- ☐ 4. SIGNLE WALL IN VAULT
- ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
- ☒ 95. UNKNOWN
- ☐ 99. OTHER

TANK MATERIAL – primary tank (Check one item only) 444
- ☐ 1. BARE STEEL
- ☐ 2. STAINLESS STEEL
- ☐ 3. FIBERGLASS / PLASTIC
- ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP)
- ☐ 5. CONCRETE
- ☐ 8. FRP COMPTIBLE W/100% METHANOL
- ☒ 95. UNKNOWN
- ☐ 99. OTHER

TANK MATERIAL – secondary tank (Check one item only) 445
- ☐ 1. BARE STEEL
- ☐ 2. STAINLESS STEEL
- ☐ 3. FIBERGLASS / PLASTIC
- ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP)
- ☐ 5. CONCRETE
- ☐ 8. FRP COMPTIBLE W/100% METHANOL
- ☒ 95. UNKNOWN
- ☐ 99. OTHER
- ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) 446
- ☐ 1. RUBBER LINED
- ☐ 2 ALKYD LINING
- ☐ 3. EPOXY LINING
- ☐ 4 PHENOLIC LINING
- ☐ 5. GLASS LINING
- ☐ 6 UNLINED
- ☒ 95. UNKNOWN
- ☐ 99 OTHER

DATE INSTALLED 447 _____ (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only) 448
- ☐ 1 MANUFACTURED CATHODIC PROTECTION
- ☐ 2 SACRIFICIAL ANODE
- ☐ 3 FIBERGLASS REINFORCED PLASTIC
- ☐ 4 IMPRESSED CURRENT
- ☒ 95 UNKNOWN
- ☐ 99 OTHER

DATE INSTALLED 449 _____ (For local use only)

SPILL AND OVERFILL (Check all that apply) YEAR INSTALLED 450 TYPE (local use only) 451
- ☒ 1 SPILL CONTAINMENT
- ☒ 2 DROP TUBE
- ☒ 3 STRIKER PLATE

OVERFILL PROTECTION EQUIPMENT:YEAR INSTALLED 452
- ☒ 1 ALARM
- ☒ 2 BALL FLOAT
- ☒ 3 FILL TUBE SHUT OFF VALVE
- ☐ 4 EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency.)

IF SINGLE WALL TANK (Check all that apply) 453
- ☐ 1 VISUAL (EXPOSED PORTION ONLY)
- ☐ 2 AUTOMATIC TANK GAUGING (ATG)
- ☐ 3 CONTINUOUS ATG
- ☐ 4 STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING
- ☐ 5 MANUAL TANK GAUGING (MTG)
- ☐ 6 VADOSE ZONE
- ☐ 7 GROUNDWATER
- ☐ 8 TANK TESTING
- ☐ 99 OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454
- ☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
- ☐ 2 CONTINUOUS INTERSTITIAL MONITORING
- ☐ 3 MANUAL MONITORING

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) 455	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456	TANK FILLED WITH INERT MATERIAL? 457
Unknown	0 gallons	☒ Yes ☐ No

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

UNDERGROUND PIPING				ABOVEGROUND PIPING		
SYSTEM TYPE	☐ 1. PRESSURE	☒ 2. SUCTION	☐ 3. GRAVITY 458	☐ 1. PRESSURE	☐ 2. SUCTION	☐ 3. GRAVITY 459
CONSTRUCTION	☐ 1. SINGLE WALL	☐ 3. LINED TRENCH	☐ 99. OTHER 460	☐ 1. SINGLE WALL	☐ 95. UNKNOWN 462	
MANUFACTURER	☐ 2. DOUBLE WALL	☒ 95. UNKNOWN		☐ 2. DOUBLE WALL	☐ 99. OTHER	
MANUFACTURER			461	MANUFACTURER		463

☐ 1. BARE STEEL	☐ 6. FRP COMPATIBLE w/100% METHANOL		☐ 1. BARE STEEL	☐ 6. FRP COMPATIBLE W/100% METHANOL	
☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL	☒ Unknown	☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL	
☐ 3. PLASTIC COMPATIBLE W/ CONTENTS	☐ 99. Other		☐ 3. PLASTIC COMPATIBLE W/ CONTENTS	☐ 8. FLEXIBLE (HDPE)	☐ 99. OTHER
☐ 4. FIBERGLASS	☐ 8. FLEXIBLE (HDPE)		☐ 4. FIBERGLASS	☐ 9. CATHODIC PROTECTION	
☐ 5. STEEL W/COATING	☐ 9. CATHODIC PROTECTION	464	☐ 5. STEEL W/COATING	☐ 95. UNKNOWN	465

VII. PIPING LEAK DETECTION (Check all that apply) (A description of the monitoring program shall be submitted to the local agency.)

UNDERGROUND PIPING	ABOVEGROUND PIPING
SINGLE WALL PIPING 466	**SINGLE WALL PIPING** 467
PRESSURIZED PIPING (Check all that apply):	PRESSURIZED PIPING (Check all that apply):
☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.	☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.
☐ 2. MONTHLY 0.2 GPH TEST	☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)	☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)
	☐ 4. DAILY VISUAL CHECK
CONVENTIONAL SUCTION SYSTEMS	CONVENTIONAL SUCTION SYSTEMS (Check all that apply)
☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)	☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
	☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)
SAFE SUCTION SYSTEMS (NO VALUES IN BELOW GROUNDPIPING):	SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):
☐ 7. SELF MONITORING	☐ 7. SELF MONITORING
GRAVITY FLOW	GRAVITY FLOW (Check all that apply):
☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)	☐ 8. DAILY VISUAL MONITORING
	☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)
SECONDARILY CONTAINED PIPING	**SECONDARILY CONTAINED PIPING**
PRESSURIZED PIPING (Check all that apply):	PRESSURIZED PIPING (Check all that apply):
10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)	10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS	☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION	☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
☐ c. NO AUTO PUMP SHUT OFF	☐ c. NO AUTO PUMP SHUT OFF
☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION	☐ 11. AUTOMATIC LEAK DETECTOR
☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)	☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)
SUCTION/GRAVITY SYSTEM	SUCTION/GRAVITY SYSTEM
☒ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS	☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS
EMERGENCY GENERATORS ONLY (Check all that apply)	**EMERGENCY GENERATORS ONLY** (Check all that apply)
☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS	☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION	☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)
☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)	☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)
☐ 17. DAILY VISUAL CHECK	☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT	☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE	☐ 4. DAILY VISUAL CHECK
DATE INSTALLED 468	☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS	☐ 5. TRENCH LINER / MONITORING
Unknown	☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS	☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR	DATE 470
[signature]	9-16-03
NAME OF OWNER/OPERATOR (print) 471	TITLE OF OWNER/OPERATOR 472
ROB DELWARD	AGENT FOR SBC

Permit Number (For local use only)	473	Permit Approved (For local use only)	474	Permit Expiration Date (For local use only)	475

Appendix B

Hazardous Waste Manifest for Rinsate Disposal

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Contr
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD098[illegible] Manifest Document No. 91790 2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
PACBell
P.O. Box 509 Room 3E000
SANRAMON CA 94583

4. Generator's Phone (916) 977-7777

5. Transporter 1 Company Name
Ecology Control Industries

6. US EPA ID Number
CAD982030173

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
Romic Chemical Corporation
2081 Bay Road
East Palo Alto, CA 94303

10. US EPA ID Number
CAD009452657

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. ~~RQ, Waste Gasoline Mixture, 3, UN1203, PGII (D001, D018)~~ RQ, WASTE FLAMMABLE LIQUIDS NOS, 3, UN1993, PGIII (D001, D018) Profile: 359801	001	TT	00185D	G
b.				
c.				
d.				

12. Containers Codes for Wastes Listed Above
a.
d.

15. Special Handling Instructions and Additional Information
Wear proper protective equipment while handling. Weights or volumes are approximate. ERG#11a 128.
24 hour emergancy number: 916-977-7777 SITE LOCATION: 7240 JOHNSON Drive Newark CA.
24 hour emergency contact: PACBell
ECI JIN 52T0285 PO NUMBER 205697

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Stephen M. Pedroe	Stephen M. Pedroe	12	27	02

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
FLOYD APODACA	Floyd Apodaca	12	27	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Tim Oni	Tim Oni	12	27	02

GENERATOR

TRANSPORTER

FACILITY

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
RCRA 8700—22

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 3000, Sacramento, CA 95812

Appendix C

Hazardous Waste Tank Closure Certification

UNIFIED PROGRAM CONSOLIDATED FORM

HAZARDOUS WASTE

HAZARDOUS WASTE TANK CLOSURE CERTIFICATION

Page ___ of ___

I. FACILITY IDENTIFICATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3: SBC

FACILITY ID# 1:

TANK OWNER NAME 740: SBC

TANK OWNER ADDRESS 741: P.O. Box 5095, Room 3E000

TANK OWNER CITY 742: San Ramon | STATE 743: CA | ZIP CODE 744: 94583

II. TANK CLOSURE INFORMATION

TANK INTERIOR ATMOSPHERE READINGS	Tank ID # (Attach additional copies of this page for more than three tanks)	Concentration of Flammable Vapor			Concentration of Oxygen		
		Top	Center	Bottom	Top	Center	Bottom
1	745: 1 (gasoline)	746a	746b: < 10%	746c	747a	747b: < 10%	747c
2	748: 2 (diesel)	749a	749b: < 10%	749c	750a	750b: < 10%	750c
3	751	752a	752b	752c	753a	753b	753c

III. CERTIFICATION

On examination of the tank, I certify the tank is visually free from product, sludge, scale (thin, flaky residual of tank contents), rinseate and debris. I further certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF CERTIFIER: Megan Curran

NAME OF CERTIFIER (Print) 754: Megan Curran

TITLE OF CERTIFIER 755: Project Scientist

ADDRESS 756: 4005 Port Chicago Hwy.

CITY 757: Concord, CA 94583

PHONE 758: 925-288-2109

DATE 759: 10/23/03

CERTIFICATION TIME: 4:00 PM

STATUS OR AFFILIATION OF CERTIFYING PERSON

Certifier is a representative of the CUPA, authorized agency, or LIA: 760 ☐ Yes ☒ No

Name of CUPA, authorized agency, or LIA: 761

If certifier is other than CUPA / LIA check appropriate box below: 762

- ☐ a. Certified Industrial Hygienist (CIH)
- ☐ b. Certified Safety Professional (CSP)
- ☐ c. Certified Marine Chemist (CMC)
- ☐ d. Registered Environmental Health Specialist (REHS)
- ☐ e. Professional Engineer (PE)
- ☐ f. Class II Registered Environmental Assessor
- ☒ g. Contractors' State License Board licensed contractor (with hazardous substance removal certification)

TANK PREVIOUSLY HELD FLAMMABLE OR COMBUSTIBLE MATERIALS 763

(If yes, the tank interior atmosphere shall be re-checked with a combustible gas indicator prior to work being conducted on the tank.) ☒ Yes ☐ No

CERTIFIER'S TANK MANAGEMENT INSTRUCTIONS FOR SCRAP DEALER, DISPOSAL FACILITY, ETC: 764

Scrap metal

A copy of this certificate shall accompany the tank to the recycling / disposal facility and be provided to the CUPA. If there is no CUPA, copies shall be submitted to the LIA and authorized agency; owner / operator of the tank system; removal contractor; and the recycling / disposal facility.

Appendix D

Hazardous Waste Manifest and Certificate of Destruction for the UST

State of California—Environmental Protection Agency
Form Approved: OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAD982030173	01167 11		

3. Generator's Name and Mailing Address
SBC
P.O. Box 5095, Room 3E000
SAN Ramon, CA 94583

4. Generator's Phone (510) 977-7777

A. State Manifest Document Number: 2301671

B. State Generator's ID:

C. State Transporter's ID (Reserved):

D. Transporter's Phone: (510) 235-1393

5. Transporter 1 Company Name: Ecology Control Industries

6. US EPA ID Number: CAD982030173

E. State Transporter's ID (Reserved):

F. Transporter's Phone:

7. Transporter 2 Company Name

8. US EPA ID Number

G. State Facility's ID:

9. Designated Facility Name and Site Address
ECOLOGY CONTROL INDUSTRIES
255 PARR BLVD
RICHMOND, CA 94801

10. US EPA ID Number: CAD009466392

H. Facility's Phone: (510) 235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
NON RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	18000	P	State: 512
					EPA/Other: NONE
b.					State:
					EPA/Other:
c.					State:
					EPA/Other:
d.					State:
					EPA/Other:

J. Additional Descriptions for Materials Listed Above
QTY 01 EMPTY STORAGE TANK # 5-1080
TANKS HAVE BEEN INERTED
WITH N2 GAS DRUM C. HERE 1000 GALLONS CAPACITY

K. Handling Codes for Wastes Listed Above
a. 01
b.
c.
d.

15. Special Handling Instructions and Additional Information
WEAR PROPER PROTECTIVE EQUIPMENT WHILE HANDLING. WEIGHTS OR VOLUMES ARE APPROXIMATE
24 HOUR EMERGENCY CONTACT:
24 HOUR EMERGENCY TELEPHONE NUMBER:
JIN: 52T0804

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Bob DeNardo	R D	10	23	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
GINA JOHNSON	Gina Johnson	10	23	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
James Wilcox	James Wilcox	10	23	03

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P.O Box 3000 Sacramento, CA 95812

AY OR NIGHT
TELEPHONE
(510) 235-1393

ecology control industries

CERTIFICATE

NO. 38355

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

CUSTOMER	
JOB NO.	52T0804
	SHAW

Site: 7240 Johnson Dr. Pleasanton, CA

FOR: ECOLOGY CONTROL IN TANK NO. 31080

LOCATION: RICHMOND, CA DATE: 11/10/2003 TIME: 8:31:38 AM

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT GASOLINE / DIESEL

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 12,000 GAL CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED. AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY ECOLOGY CONTROL INDUSTRIES HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED ~~THE TANK SHIPPED TO US FOR PROCESSING.~~

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

TITLE INSPECTOR

e of California—Environmental Protection Agency
orm Approved OMB No. 2050-0039 (Expires 9-30-99)
lease print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No. CAD981631500 Manifest Document No. 936216 2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number 21093626

3 Generator's Name and Mailing Address
PAC BELL - SBC
P.O. Box 5095, Room 3E000, San Ramon, CA 94583-0995

B. State Generator's ID HYEF361011999

4. Generator's Phone (916) 977-7777

5. Transporter 1 Company Name: ECOLOGY CONTROL INDUSTRIES
6. US EPA ID Number: CAD982030173

C. State Transporter's ID [Reserved]

D. Transporter's Phone 510-235-1393

7 Transporter 2 Company Name
8 US EPA ID Number

E. State Transporter's ID [Reserved]

F. Transporter's Phone

9. Designated Facility Name and Site Address
ECOLOGY CONTROL INDUSTRIES
255 PARR BLVD
RICHMOND CA 94801
10. US EPA ID Number: CAD009466392

G. State Facility's ID

H. Facility's Phone 510-235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Numbers
a. NON RCRA HAZARDOUS WASTE SOLID (EMPTY STORAGE TANK PIPING)	001	CM	04000	P	State 512 EPA/Other NONE 512
b.					State NONE EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
Generating Activity
e.g., Manhole, Clarifier, Tank, etc. 37145
1-20-235
Pipeing

K. Handling Codes for Wastes Listed Above
a. 01/99 b. c. d.

15. Special Handling Instructions and Additional Information
Site Location: 7240 JOHNSON DR PLEASANTON CA

Emergency Response Contact: (916) 977-7777

For instructions on how to complete manifest call Pacific Bell Env. Mgmt., on (925) 867-5741 JOB# 52T0804

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
Sydney Geeds on behalf of SBC	Sydney Geeds	11	03	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MARK MILLER	M. Miller	11	03	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
James Wilcox	James Wilcox	11	04	03

DO NOT WRITE BELOW THIS LINE.

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P.O. Box 3000 Sacramento, CA 95812

HSC 8022A (1/99)

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 38372

CUSTOMER

JOB NO. SCT03604

Site: 7240 Johnson Dr Pleasanton, CA

FOR: ECOLOGY CONTROL IN TANK NO. 31145

LOCATION: RICHMOND, CA DATE: 12/9/2003 TIME: 11:44:11

EST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UNLEADED GAS

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 162.5 LF 35 GAL CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY. ECOLOGY CONTROL INDUSTRIES HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

James Wilcox

INSPECTOR

Appendix E

Laboratory Reports and Chain of Custody Forms

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
		Date Received: 10/23/03
	Client Contact: Rob Delnagro	Date Reported: 10/28/03
	Client P.O.:	Date Completed: 10/28/03

WorkOrder: 0310378

October 28, 2003

Dear Rob:

Enclosed are:

1). the results of **8** analyzed samples from your **#844915.31; SBC Pleasanton project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
4005 Port Chicago Hwy		Date Received: 10/23/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0310378

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	SCA-(1-4)	S	ND	ND	ND	ND	ND	ND	1	101
002A	SCB-(1-4)	S	ND	ND	ND	ND	ND	ND	1	99.3
003A	SCC-(1-4)	S	ND	ND	ND	ND	ND	ND	1	94.3
004A	SCD-(1-4)	S	ND	ND	ND	ND	ND	ND	1	93.0
005A	SCE-(1-4)	S	ND	ND	ND	ND	ND	ND	1	89.2
006A	SCF-(1-4)	S	ND	ND	ND	ND	ND	ND	1	89.0
007A	SCG-(1-4)	S	ND	ND	ND	ND	ND	ND	1	92.8
008A	SCH-(1-4)	S	ND	ND	ND	ND	ND	ND	1	115
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
		Date Received: 10/23/03
	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/25/03

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0310378

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0310378-001A	SCA-(1-4)	S	43,a,g	5	108
0310378-002A	SCB-(1-4)	S	4.2,a,g	1	109
0310378-003A	SCC-(1-4)	S	1.7,b	1	107
0310378-004A	SCD-(1-4)	S	6.2,a,g	1	110
0310378-005A	SCE-(1-4)	S	14,a,g	2	105
0310378-006A	SCF-(1-4)	S	4.1,a,g	1	109
0310378-007A	SCG-(1-4)	S	1.8,b,g	1	108
0310378-008A	SCH-(1-4)	S	1.2,b,g	1	108

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
		Date Received: 10/23/03
	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/27/03

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0310378

Lab ID	0310378-001A	0310378-002A	0310378-003A	0310378-004A	Reporting Limit for DF =1	
Client ID	SCA-(1-4)	SCB-(1-4)	SCC-(1-4)	SCD-(1-4)		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				µg/Kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	5.0	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	25	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	5.0	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	5.0	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	5.0	NA
Surrogate Recoveries (%)						
%SS1:	103	101	106	104		
Comments						

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
		Date Received: 10/23/03
	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/27/03

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0310378

Lab ID	0310378-005A	0310378-006A	0310378-007A	0310378-008A	Reporting Limit for DF =1	
Client ID	SCE-(1-4)	SCF-(1-4)	SCG-(1-4)	SCH-(1-4)		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				µg/Kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	5.0	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	25	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	5.0	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	5.0	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	5.0	NA
Surrogate Recoveries (%)						
%SS1:	104	99.5	98.5	97.6		
Comments						

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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4005 Port Chicago Hwy		Date Received: 10/23/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/28/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270D Work Order: 0310378

Lab ID	0310378-001A
Client ID	SCA-(1-4)
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Anthracene	ND<1.6	5.0	0.33	Benzidine	ND<8.0	5.0	1.6
Benzoic Acid	ND<8.0	5.0	1.6	Benzo(a)anthracene	ND<1.6	5.0	0.33
Benzo(b)fluoranthene	ND<1.6	5.0	0.33	Benzo(k)fluoranthene	ND<1.6	5.0	0.33
Benzo(g,h,i)perylene	ND<1.6	5.0	0.33	Benzo(a)pyrene	ND<1.6	5.0	0.33
Benzyl Alcohol	ND<3.3	5.0	0.66	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	ND<1.6	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND<1.6	5.0	0.33	Naphthalene	ND<1.6	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	2-Nitrophenol	ND<8.0	5.0	1.6
4-Nitrophenol	ND<1.6	5.0	0.33	Nitrobenzene	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	ND<1.6	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	---#	%SS2:	---#
%SS3:	83.6	%SS4:	76.8
%SS5:	---#	%SS6:	---#

Comments: j

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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4005 Port Chicago Hwy		Date Received: 10/23/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/28/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C | Analytical Method: SW8270D | Work Order: 0310378

Lab ID	0310378-002A
Client ID	SCB-(1-4)
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<0.66	2.0	0.33	Acenaphthylene	ND<0.66	2.0	0.33
Anthracene	ND<0.66	2.0	0.33	Benzidine	ND<3.2	2.0	1.6
Benzoic Acid	ND<3.2	2.0	1.6	Benzo(a)anthracene	ND<0.66	2.0	0.33
Benzo(b)fluoranthene	ND<0.66	2.0	0.33	Benzo(k)fluoranthene	ND<0.66	2.0	0.33
Benzo(g,h,i)perylene	ND<0.66	2.0	0.33	Benzo(a)pyrene	ND<0.66	2.0	0.33
Benzyl Alcohol	ND<1.3	2.0	0.66	Bis (2-chloroethoxy) Methane	ND<0.66	2.0	0.33
Bis (2-chloroethyl) Ether	ND<0.66	2.0	0.33	Bis (2-chloroisopropyl) Ether	ND<0.66	2.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<0.66	2.0	0.33	4-Bromophenyl Phenyl Ether	ND<0.66	2.0	0.33
Butylbenzyl Phthalate	ND<0.66	2.0	0.33	4-Chloroaniline	ND<1.3	2.0	0.66
4-Chloro-3-methylphenol	ND<0.66	2.0	0.33	2-Chloronaphthalene	ND<0.66	2.0	0.33
2-Chlorophenol	ND<0.66	2.0	0.33	4-Chlorophenyl Phenyl Ether	ND<0.66	2.0	0.33
Chrysene	ND<0.66	2.0	0.33	Dibenzo(a,h)anthracene	ND<0.66	2.0	0.33
Dibenzofuran	ND<0.66	2.0	0.33	Di-n-butyl Phthalate	ND<0.66	2.0	0.33
1,2-Dichlorobenzene	ND<0.66	2.0	0.33	1,3-Dichlorobenzene	ND<0.66	2.0	0.33
1,4-Dichlorobenzene	ND<0.66	2.0	0.33	3,3-Dichlorobenzidine	ND<1.3	2.0	0.66
2,4-Dichlorophenol	ND<0.66	2.0	0.33	Diethyl Phthalate	ND<0.66	2.0	0.33
2,4-Dimethylphenol	ND<0.66	2.0	0.33	Dimethyl Phthalate	ND<0.66	2.0	0.33
4,6-Dinitro-2-methylphenol	ND<3.2	2.0	1.6	2,4-Dinitrophenol	ND<3.2	2.0	1.6
2,4-Dinitrotoluene	ND<0.66	2.0	0.33	2,6-Dinitrotoluene	ND<0.66	2.0	0.33
Di-n-octyl Phthalate	ND<0.66	2.0	0.33	1,2-Diphenylhydrazine	ND<0.66	2.0	0.33
Fluoranthene	ND<0.66	2.0	0.33	Fluorene	ND<0.66	2.0	0.33
Hexachlorobenzene	ND<0.66	2.0	0.33	Hexachlorobutadiene	ND<0.66	2.0	0.33
Hexachlorocyclopentadiene	ND<3.2	2.0	1.6	Hexachloroethane	ND<0.66	2.0	0.33
Indeno (1,2,3-cd) pyrene	ND<0.66	2.0	0.33	Isophorone	ND<0.66	2.0	0.33
2-Methylnaphthalene	ND<0.66	2.0	0.33	2-Methylphenol (o-Cresol)	ND<0.66	2.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND<0.66	2.0	0.33	Naphthalene	ND<0.66	2.0	0.33
2-Nitroaniline	ND<3.2	2.0	1.6	3-Nitroaniline	ND<3.2	2.0	1.6
4-Nitroaniline	ND<3.2	2.0	1.6	2-Nitrophenol	ND<3.2	2.0	1.6
4-Nitrophenol	ND<0.66	2.0	0.33	Nitrobenzene	ND<3.2	2.0	1.6
N-Nitrosodiphenylamine	ND<0.66	2.0	0.33	N-Nitrosodi-n-propylamine	ND<0.66	2.0	0.33
Pentachlorophenol	ND<3.2	2.0	1.6	Phenanthrene	ND<0.66	2.0	0.33
Phenol	ND<0.66	2.0	0.33	Pyrene	ND<0.66	2.0	0.33
1,2,4-Trichlorobenzene	ND<0.66	2.0	0.33	2,4,5-Trichlorophenol	ND<0.66	2.0	0.33
2,4,6-Trichlorophenol	ND<0.66	2.0	0.33				

Surrogate Recoveries (%)

%SS1:	59.4 &	%SS2:	74.8
%SS3:	87.9	%SS4:	86.0
%SS5:	9.12 &	%SS6:	81.3

Comments: j

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/28/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C | Analytical Method: SW8270D | Work Order: 0310378

Lab ID	0310378-003A
Client ID	SCC-(1-4)
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	86.5	%SS2:	87.0
%SS3:	89.2	%SS4:	91.0
%SS5:	105	%SS6:	86.7

Comments:

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

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Shaw Environmental	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
4005 Port Chicago Hwy		Date Received: 10/23/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/28/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270D Work Order: 0310378

Lab ID	0310378-004A
Client ID	SCD-(1-4)
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<1.6	5.0	0.33	Acenaphthylene	ND<1.6	5.0	0.33
Anthracene	ND<1.6	5.0	0.33	Benzidine	ND<8.0	5.0	1.6
Benzoic Acid	ND<8.0	5.0	1.6	Benzo(a)anthracene	ND<1.6	5.0	0.33
Benzo(b)fluoranthene	ND<1.6	5.0	0.33	Benzo(k)fluoranthene	ND<1.6	5.0	0.33
Benzo(g,h,i)perylene	ND<1.6	5.0	0.33	Benzo(a)pyrene	ND<1.6	5.0	0.33
Benzyl Alcohol	ND<3.3	5.0	0.66	Bis (2-chloroethoxy) Methane	ND<1.6	5.0	0.33
Bis (2-chloroethyl) Ether	ND<1.6	5.0	0.33	Bis (2-chloroisopropyl) Ether	ND<1.6	5.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<1.6	5.0	0.33	4-Bromophenyl Phenyl Ether	ND<1.6	5.0	0.33
Butylbenzyl Phthalate	ND<1.6	5.0	0.33	4-Chloroaniline	ND<3.3	5.0	0.66
4-Chloro-3-methylphenol	ND<1.6	5.0	0.33	2-Chloronaphthalene	ND<1.6	5.0	0.33
2-Chlorophenol	ND<1.6	5.0	0.33	4-Chlorophenyl Phenyl Ether	ND<1.6	5.0	0.33
Chrysene	ND<1.6	5.0	0.33	Dibenzo(a,h)anthracene	ND<1.6	5.0	0.33
Dibenzofuran	ND<1.6	5.0	0.33	Di-n-butyl Phthalate	ND<1.6	5.0	0.33
1,2-Dichlorobenzene	ND<1.6	5.0	0.33	1,3-Dichlorobenzene	ND<1.6	5.0	0.33
1,4-Dichlorobenzene	ND<1.6	5.0	0.33	3,3-Dichlorobenzidine	ND<3.3	5.0	0.66
2,4-Dichlorophenol	ND<1.6	5.0	0.33	Diethyl Phthalate	ND<1.6	5.0	0.33
2,4-Dimethylphenol	ND<1.6	5.0	0.33	Dimethyl Phthalate	ND<1.6	5.0	0.33
4,6-Dinitro-2-methylphenol	ND<8.0	5.0	1.6	2,4-Dinitrophenol	ND<8.0	5.0	1.6
2,4-Dinitrotoluene	ND<1.6	5.0	0.33	2,6-Dinitrotoluene	ND<1.6	5.0	0.33
Di-n-octyl Phthalate	ND<1.6	5.0	0.33	1,2-Diphenylhydrazine	ND<1.6	5.0	0.33
Fluoranthene	ND<1.6	5.0	0.33	Fluorene	ND<1.6	5.0	0.33
Hexachlorobenzene	ND<1.6	5.0	0.33	Hexachlorobutadiene	ND<1.6	5.0	0.33
Hexachlorocyclopentadiene	ND<8.0	5.0	1.6	Hexachloroethane	ND<1.6	5.0	0.33
Indeno (1,2,3-cd) pyrene	ND<1.6	5.0	0.33	Isophorone	ND<1.6	5.0	0.33
2-Methylnaphthalene	ND<1.6	5.0	0.33	2-Methylphenol (o-Cresol)	ND<1.6	5.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND<1.6	5.0	0.33	Naphthalene	ND<1.6	5.0	0.33
2-Nitroaniline	ND<8.0	5.0	1.6	3-Nitroaniline	ND<8.0	5.0	1.6
4-Nitroaniline	ND<8.0	5.0	1.6	2-Nitrophenol	ND<8.0	5.0	1.6
4-Nitrophenol	ND<1.6	5.0	0.33	Nitrobenzene	ND<8.0	5.0	1.6
N-Nitrosodiphenylamine	ND<1.6	5.0	0.33	N-Nitrosodi-n-propylamine	ND<1.6	5.0	0.33
Pentachlorophenol	ND<8.0	5.0	1.6	Phenanthrene	ND<1.6	5.0	0.33
Phenol	ND<1.6	5.0	0.33	Pyrene	ND<1.6	5.0	0.33
1,2,4-Trichlorobenzene	ND<1.6	5.0	0.33	2,4,5-Trichlorophenol	ND<1.6	5.0	0.33
2,4,6-Trichlorophenol	ND<1.6	5.0	0.33				

Surrogate Recoveries (%)

%SS1:	---#	%SS2:	---#
%SS3:	87.4	%SS4:	77.8
%SS5:	---#	%SS6:	---#

Comments: j

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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http://www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
4005 Port Chicago Hwy		Date Received: 10/23/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/28/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270D Work Order: 0310378

Lab ID	0310378-005A
Client ID	SCE-(1-4)
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	83.3	%SS2:	82.3
%SS3:	88.0	%SS4:	89.4
%SS5:	103	%SS6:	85.4

Comments:

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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Shaw Environmental	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
4005 Port Chicago Hwy		Date Received: 10/23/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/28/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C | Analytical Method: SW8270D | Work Order: 0310378

Lab ID	0310378-006A
Client ID	SCF-(1-4)
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND<0.66	2.0	0.33	Acenaphthylene	ND<0.66	2.0	0.33
Anthracene	ND<0.66	2.0	0.33	Benzidine	ND<3.2	2.0	1.6
Benzoic Acid	ND<3.2	2.0	1.6	Benzo(a)anthracene	ND<0.66	2.0	0.33
Benzo(b)fluoranthene	ND<0.66	2.0	0.33	Benzo(k)fluoranthene	ND<0.66	2.0	0.33
Benzo(g,h,i)perylene	ND<0.66	2.0	0.33	Benzo(a)pyrene	ND<0.66	2.0	0.33
Benzyl Alcohol	ND<1.3	2.0	0.66	Bis (2-chloroethoxy) Methane	ND<0.66	2.0	0.33
Bis (2-chloroethyl) Ether	ND<0.66	2.0	0.33	Bis (2-chloroisopropyl) Ether	ND<0.66	2.0	0.33
Bis (2-ethylhexyl) Phthalate	ND<0.66	2.0	0.33	4-Bromophenyl Phenyl Ether	ND<0.66	2.0	0.33
Butylbenzyl Phthalate	ND<0.66	2.0	0.33	4-Chloroaniline	ND<1.3	2.0	0.66
4-Chloro-3-methylphenol	ND<0.66	2.0	0.33	2-Chloronaphthalene	ND<0.66	2.0	0.33
2-Chlorophenol	ND<0.66	2.0	0.33	4-Chlorophenyl Phenyl Ether	ND<0.66	2.0	0.33
Chrysene	ND<0.66	2.0	0.33	Dibenzo(a,h)anthracene	ND<0.66	2.0	0.33
Dibenzofuran	ND<0.66	2.0	0.33	Di-n-butyl Phthalate	ND<0.66	2.0	0.33
1,2-Dichlorobenzene	ND<0.66	2.0	0.33	1,3-Dichlorobenzene	ND<0.66	2.0	0.33
1,4-Dichlorobenzene	ND<0.66	2.0	0.33	3,3-Dichlorobenzidine	ND<1.3	2.0	0.66
2,4-Dichlorophenol	ND<0.66	2.0	0.33	Diethyl Phthalate	ND<0.66	2.0	0.33
2,4-Dimethylphenol	ND<0.66	2.0	0.33	Dimethyl Phthalate	ND<0.66	2.0	0.33
4,6-Dinitro-2-methylphenol	ND<3.2	2.0	1.6	2,4-Dinitrophenol	ND<3.2	2.0	1.6
2,4-Dinitrotoluene	ND<0.66	2.0	0.33	2,6-Dinitrotoluene	ND<0.66	2.0	0.33
Di-n-octyl Phthalate	ND<0.66	2.0	0.33	1,2-Diphenylhydrazine	ND<0.66	2.0	0.33
Fluoranthene	ND<0.66	2.0	0.33	Fluorene	ND<0.66	2.0	0.33
Hexachlorobenzene	ND<0.66	2.0	0.33	Hexachlorobutadiene	ND<0.66	2.0	0.33
Hexachlorocyclopentadiene	ND<3.2	2.0	1.6	Hexachloroethane	ND<0.66	2.0	0.33
Indeno (1,2,3-cd) pyrene	ND<0.66	2.0	0.33	Isophorone	ND<0.66	2.0	0.33
2-Methylnaphthalene	ND<0.66	2.0	0.33	2-Methylphenol (o-Cresol)	ND<0.66	2.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND<0.66	2.0	0.33	Naphthalene	ND<0.66	2.0	0.33
2-Nitroaniline	ND<3.2	2.0	1.6	3-Nitroaniline	ND<3.2	2.0	1.6
4-Nitroaniline	ND<3.2	2.0	1.6	2-Nitrophenol	ND<3.2	2.0	1.6
4-Nitrophenol	ND<0.66	2.0	0.33	Nitrobenzene	ND<3.2	2.0	1.6
N-Nitrosodiphenylamine	ND<0.66	2.0	0.33	N-Nitrosodi-n-propylamine	ND<0.66	2.0	0.33
Pentachlorophenol	ND<3.2	2.0	1.6	Phenanthrene	ND<0.66	2.0	0.33
Phenol	ND<0.66	2.0	0.33	Pyrene	ND<0.66	2.0	0.33
1,2,4-Trichlorobenzene	ND<0.66	2.0	0.33	2,4,5-Trichlorophenol	ND<0.66	2.0	0.33
2,4,6-Trichlorophenol	ND<0.66	2.0	0.33				

Surrogate Recoveries (%)

%SS1:	82.0	%SS2:	88.0
%SS3:	85.7	%SS4:	84.1
%SS5:	90.2	%SS6:	79.0

Comments: j

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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Shaw Environmental	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
4005 Port Chicago Hwy		Date Received: 10/23/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/28/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C | Analytical Method: SW8270D | Work Order: 0310378

Lab ID	0310378-007A
Client ID	SCG-(1-4)
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	85.4	%SS2:	85.1
%SS3:	88.2	%SS4:	90.2
%SS5:	102	%SS6:	87.0

Comments:

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Shaw Environmental	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
4005 Port Chicago Hwy		Date Received: 10/23/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03-10/28/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C | Analytical Method: SW8270D | Work Order: 0310378

Lab ID	0310378-008A
Client ID	SCH-(1-4)
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	87.0	%SS2:	84.8
%SS3:	91.3	%SS4:	89.6
%SS5:	103	%SS6:	86.9

Comments:

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/23/03
		Date Received: 10/23/03
	Client Contact: Rob Delnagro	Date Extracted: 10/23/03
	Client P.O.:	Date Analyzed: 10/24/03

Lead by ICP*

Extraction method: SW3050B | Analytical methods: 6010C | Work Order: 0310378

Lab ID	Client ID	Matrix	Extraction	Lead	DF	% SS
0310378-001A	SCA-(1-4)	S	TTLC	7.2	1	108
0310378-002A	SCB-(1-4)	S	TTLC	7.7	1	109
0310378-003A	SCC-(1-4)	S	TTLC	8.3	1	104
0310378-004A	SCD-(1-4)	S	TTLC	7.2	1	103
0310378-005A	SCE-(1-4)	S	TTLC	ND	1	108
0310378-006A	SCF-(1-4)	S	TTLC	11	1	108
0310378-007A	SCG-(1-4)	S	TTLC	7.5	1	102
0310378-008A	SCH-(1-4)	S	TTLC	6.1	1	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	NA	mg/L
	S	TTLC	5.0	mg/Kg

*water/product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate recovery outside of acceptance range due to matrix interference; & means low or no surrogate due to matrix interference; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water/liquid- Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipe/filter - As, Se, Tl); 7471B (Hg).

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations; j) reporting limit raised due to insufficient sample amount; k) results are reported by dry weight; y) estimated values due to low surrogate recovery; z) reporting limit raised due to matrix interference.

DHS Certification No. 1644

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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S WorkOrder: 0310378

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 9070 Spiked Sample ID: 0310384-001A

	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) £	ND	0.60	113	108	4.74	104	108	3.13	70	130
MTBE	ND	0.10	102	101	1.18	102	99.7	2.72	70	130
Benzene	ND	0.10	99.2	96.9	2.34	97.6	98.8	1.19	70	130
Toluene	ND	0.10	90.9	88.8	2.32	88.9	90.6	1.97	70	130
Ethylbenzene	ND	0.10	113	112	1.26	99.7	102	1.91	70	130
Xylenes	ND	0.30	100	100	0	92.7	89	4.04	70	130
%SS:	96.5	100	95.2	96.6	1.46	87.9	93.5	6.17	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S WorkOrder: 0310378

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 9066 Spiked Sample ID: 0310374-006A

	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex)£	ND	0.60	113	110	2.34	96.8	116	17.7	70	130
MTBE	ND	0.10	104	100	3.17	89	93	4.38	70	130
Benzene	ND	0.10	97.6	99.8	2.18	93.9	100	6.40	70	130
Toluene	ND	0.10	89.3	91.5	2.52	94.6	100	5.92	70	130
Ethylbenzene	ND	0.10	113	115	1.48	98.8	104	5.25	70	130
Xylenes	ND	0.30	100	100	0	100	107	6.45	70	130
%SS:	100	100	96.1	90.2	6.33	114	119	4.29	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015C

Matrix: S WorkOrder: 0310378

EPA Method: SW8015C	Extraction: SW3550C	BatchID: 9067	Spiked Sample ID: 0310374-019A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	90.1	88	2.28	90.3	89.1	1.39	70	130
%SS:	108	100	101	99.6	1.84	103	102	1.47	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8260B

Matrix: S WorkOrder: 0310378

EPA Method: SW8260B Extraction: SW5030B BatchID: 9068 Spiked Sample ID: 0310400-002A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	50	101	103	1.80	103	100	2.22	70	130
t-Butyl alcohol (TBA)	ND	250	101	104	3.11	97.9	98.3	0.371	70	130
Diisopropyl ether (DIPE)	ND	50	110	110	0	106	108	1.49	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	102	101	0.540	98.9	101	1.98	70	130
Methyl-t-butyl ether (MTBE)	5.50	50	95.2	96.1	0.827	106	106	0	70	130
%SS1:	98.1	100	102	100	1.89	102	102	0	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8270D

Matrix: S WorkOrder: 0310378

EPA Method: SW8270D	Extraction: SW3550C		BatchID: 9046			Spiked Sample ID: 0310359-001A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Acenaphthene	ND	2	71.3	70.1	1.70	82.7	81.9	0.960	30	130
4-Chloro-3-methylphenol	ND	4	78.6	75.9	3.51	84.2	81.4	3.42	30	130
2-Chlorophenol	ND	4	86.8	84.7	2.46	93.4	92.2	1.24	30	130
1,4-Dichlorobenzene	ND	2	79.2	80.3	1.33	85.6	87	1.73	30	130
2,4-Dinitrotoluene	ND	2	80.9	78.2	3.32	86	83.4	3.11	30	130
4-Nitrophenol	ND	4	71.6	69.8	2.48	76	74.6	1.89	30	130
N-Nitrosodi-n-propylamine	ND	2	122	120	1.30	80.5	81.4	1.12	30	130
Pentachlorophenol	ND	4	72.4	73	0.832	75.6	73.3	3.00	30	130
Phenol	ND	4	70.2	70.5	0.412	83	80.4	3.09	30	130
Pyrene	ND	2	68.3	70	2.53	81.9	80.9	1.18	30	130
1,2,4-Trichlorobenzene	ND	2	75	70.9	5.57	86.6	85.4	1.33	30	130
%SS1:	92.8	100	103	99.9	3.43	102	93.6	8.95	30	130
%SS2:	83.6	100	80.7	82.7	2.42	118	112	5.16	30	130
%SS3:	88.7	100	97.1	96.4	0.764	110	108	1.98	30	130
%SS4:	91.4	100	95.2	101	5.52	104	103	1.05	30	130
%SS5:	94.1	100	115	117	1.91	102	99.3	2.68	30	130
%SS6:	90.3	100		97.7	200	105	105	0	30	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.
& = low or no surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR 6010C

Matrix: S WorkOrder: 0310378

EPA Method: 6010C Extraction: SW3050B BatchID: 9071 Spiked Sample ID: N/A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	N/A	50	N/A	N/A	N/A	112	115	2.78	70	130
%SS:	N/A	100	N/A	N/A	N/A	111	114	3.20	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR 6010C

Matrix: S WorkOrder: 0310378

EPA Method: 6010C	Extraction: SW3050B		BatchID: 9058			Spiked Sample ID: N/A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	N/A	50	N/A	N/A	N/A	96.1	98.2	2.16	70	130
%SS:	N/A	100	N/A	N/A	N/A	103	106	3.63	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Rob Delnagro Bill To: SAME

Company: Shaw Environmental & Infrastructure, Inc.

4005 Port Chicago Highway

Concord, CA 94520

Tele: (925) 288-2103 Fax: (925) 827-2029

Project #: 844915.31 Project Name: SBC PLEASANTON

Project Location: 7740 JOHNSON DR. PLEASANTON, CA

Sampler Signature: Joe Strand

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO3	METHOD PRESERVED OTHER
SCA-(1-4)	SPOIL PILE A	10-23	1020				X				X			
SCB-(1-4)	B		1040				X				X			
SCC-(1-4)	C		1050				X				X			
SCD-(1-4)	D		1100				X				X			
SCE-(1-4)	E		1110				X				X			
SCF-(1-4)	F		1120				X				X			
SCG-(1-4)	G		1130				X				X			
SCH-(1-4)	V H		1140				X				X			

Analysis Request

BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 (8260) 5 FUEL OXYGENATES	EPA 625 (8270)	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010) (TOTAL)	RCI
X	X							X	X				X	
X	X							X	X				X	
X	X							X	X				X	
X	X							X	X				X	
X	X							X	X				X	
X	X							X	X				X	
X	X							X	X				X	
X	X							X	X				X	

Other

Nitrate/Nitrite/Sulfate/Chloride/Fluoride

Comments

Relinquished By:	Date:	Time:	Received By:
Joe Strand	10-23-03	1535	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

	VOAS	O&G	METALS	OTHER
ICE/t° ✓	PRESERVATION			
GOOD CONDITION ✓	APPROPRIATE			
HEAD SPACE ABSENT	CONTAINERS ✓			
DECHLORINATED IN LAB	PERSERVED IN LAB			

McCampbell Analytical Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0310378

Client:
Shaw Environmental
4005 Port Chicago Hwy
Concord, CA 94520

TEL: 925-288-9898
FAX: (925) 827-2029
ProjectNo: #844915.31; SBC Pleasanton
PO:

Date Received: **10/23/03**
Date Printed: **10/23/03**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests			
					5-OXYS_S	8270D_S	G-MBTEX_S	PB_S
0310378-001	SCA-(1-4)	Soil	10/23/03	☐	A	A	A	A
0310378-002	SCB-(1-4)	Soil	10/23/03	☐	A	A	A	A
0310378-003	SCC-(1-4)	Soil	10/23/03	☐	A	A	A	A
0310378-004	SCD-(1-4)	Soil	10/23/03	☐	A	A	A	A
0310378-005	SCE-(1-4)	Soil	10/23/03	☐	A	A	A	A
0310378-006	SCF-(1-4)	Soil	10/23/03	☐	A	A	A	A
0310378-007	SCG-(1-4)	Soil	10/23/03	☐	A	A	A	A
0310378-008	SCH-(1-4)	Soil	10/23/03	☐	A	A	A	A

Prepared by: Maria Venegas

Comments: 72hr Rush

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 0310378

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TEL: 925-288-9898
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ProjectNo: #844915.31; SBC Pleasanton
PO:

Date Received: **10/23/03**
Date Printed: **10/23/03**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests			
					TPH(D)_S			
0310378-001	SCA-(1-4)	Soil	10/23/03	☐	A			
0310378-002	SCB-(1-4)	Soil	10/23/03	☐	A			
0310378-003	SCC-(1-4)	Soil	10/23/03	☐	A			
0310378-004	SCD-(1-4)	Soil	10/23/03	☐	A			
0310378-005	SCE-(1-4)	Soil	10/23/03	☐	A			
0310378-006	SCF-(1-4)	Soil	10/23/03	☐	A			
0310378-007	SCG-(1-4)	Soil	10/23/03	☐	A			
0310378-008	SCH-(1-4)	Soil	10/23/03	☐	A			

Prepared by: Maria Venegas

Comments: 72hr Rush

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/28/03
		Date Received: 10/28/03
	Client Contact: Rob Delnagro	Date Reported: 10/30/03
	Client P.O.:	Date Completed: 10/30/03

WorkOrder: 0310450

October 30, 2003

Dear Rob:

Enclosed are:

1). the results of **1** analyzed sample from your **#844915.31; SBC Pleasanton project,**

2). a QC report for the above sample

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/28/03
		Date Received: 10/28/03
	Client Contact: Rob Delnagro	Date Extracted: 10/28/03
	Client P.O.:	Date Analyzed: 10/28/03

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0310450

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	SBCP-TP1	S	ND	ND	ND	ND	ND	ND	1	89.5
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	NA	NA	NA	NA	NA	NA	1	ug/L
		S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/28/03
		Date Received: 10/28/03
	Client Contact: Rob Delnagro	Date Extracted: 10/28/03
	Client P.O.:	Date Analyzed: 10/28/03

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0310450

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0310450-001A	SBCP-TP1	S	ND	1	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/28/03
		Date Received: 10/28/03
	Client Contact: Rob Delnagro	Date Extracted: 10/28/03
	Client P.O.:	Date Analyzed: 10/28/03

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0310450

					Reporting Limit for DF =1	
Lab ID	0310450-001A					
Client ID	SBCP-TP1					
Matrix	S					
DF	1				S	W
Compound	**Concentration**				µg/Kg	ug/L
tert-Amyl methyl ether (TAME)	ND				5.0	NA
t-Butyl alcohol (TBA)	ND				25	NA
Diisopropyl ether (DIPE)	ND				5.0	NA
Ethyl tert-butyl ether (ETBE)	ND				5.0	NA
Methyl-t-butyl ether (MTBE)	6.6				5.0	NA
Surrogate Recoveries (%)						
%SS1:	100					
Comments						

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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Shaw Environmental	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/28/03
4005 Port Chicago Hwy		Date Received: 10/28/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 10/28/03
	Client P.O.:	Date Analyzed: 10/29/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C | Analytical Method: SW8270D | Work Order: 0310450

Lab ID	0310450-001A
Client ID	SBCP-TP1
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	83.0	%SS2:	80.5
%SS3:	83.2	%SS4:	87.2
%SS5:	87.8	%SS6:	81.8

Comments:

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.31; SBC Pleasanton	Date Sampled: 10/28/03
		Date Received: 10/28/03
	Client Contact: Rob Delnagro	Date Extracted: 10/28/03
	Client P.O.:	Date Analyzed: 10/29/03

Lead by ICP*

Extraction method: SW3050B Analytical methods: 6010C Work Order: 0310450

Lab ID	Client ID	Matrix	Extraction	Lead	DF	% SS
0310450-001A	SBCP-TP1	S	TTLC	14	1	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	NA	mg/L
	S	TTLC	5.0	mg/Kg

*water/product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate recovery outside of acceptance range due to matrix interference; & means low or no surrogate due to matrix interference; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water/liquid- Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipe/filter - As, Se, Tl); 7471B (Hg).

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations; j) reporting limit raised due to insufficient sample amount; k) results are reported by dry weight; y) estimated values due to low surrogate recovery; z) reporting limit raised due to matrix interference.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S WorkOrder: 0310450

EPA Method: SW8021B/8015Cm	Extraction: SW5030B	BatchID: 9116	Spiked Sample ID: 0310440-004A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex)£	0.13	0.60	73.7	72.1	1.68	108	111	2.55	70	130
MTBE	ND	0.10	101	96.7	3.96	100	98.7	1.44	70	130
Benzene	ND	0.10	99.9	98.6	1.31	104	105	1.01	70	130
Toluene	ND	0.10	99.9	98.1	1.80	91	92.6	1.71	70	130
Ethylbenzene	ND	0.10	103	102	1.09	108	109	0.938	70	130
Xylenes	ND	0.30	103	100	3.28	100	100	0	70	130
%SS:	97.7	100	107	106	0.801	100	100	0	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015C

Matrix: S WorkOrder: 0310450

EPA Method: SW8015C	Extraction: SW3550C	BatchID: 9121	Spiked Sample ID: 0310450-001A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	89.7	89.2	0.557	90.7	89	1.93	70	130
%SS:	95.5	100	101	100	0.626	102	100	1.79	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8260B

Matrix: S WorkOrder: 0310450

EPA Method: SW8260B	Extraction: SW5030B			BatchID: 9114		Spiked Sample ID: 0310440-004A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	50	103	99.2	3.88	101	104	2.70	70	130
t-Butyl alcohol (TBA)	ND	250	116	105	10.4	109	111	2.07	70	130
Diisopropyl ether (DIPE)	ND	50	118	112	5.62	115	118	2.37	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	107	102	5.28	106	107	0.691	70	130
Methyl-t-butyl ether (MTBE)	ND	50	108	106	2.60	108	110	1.66	70	130
%SS1:	101	100	98.3	98.2	0.0921	98.4	99.3	0.977	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8270D

Matrix: S WorkOrder: 0310450

EPA Method: SW8270D Extraction: SW3550C BatchID: 9096 Spiked Sample ID: 0310422-001A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Acenaphthene	ND	2	81.1	82.2	1.43	88.9	89.5	0.762	30	130
4-Chloro-3-methylphenol	ND	4	100	96.1	4.14	108	110	1.98	30	130
2-Chlorophenol	ND	4	93	92.1	1.04	101	104	2.32	30	130
1,4-Dichlorobenzene	ND	2	85.6	86.5	1.02	101	101	0	30	130
2,4-Dinitrotoluene	ND	2	98.9	98.3	0.629	98.6	100	1.61	30	130
4-Nitrophenol	ND	4	74.4	71.6	3.84	81.2	80.4	1.09	30	130
N-Nitrosodi-n-propylamine	ND	2	103	99	3.61	112	116	3.16	30	130
Pentachlorophenol	ND	4	72.4	70	3.32	85.5	84	1.83	30	130
Phenol	ND	4	81.8	79.6	2.80	101	102	0.684	30	130
Pyrene	ND	2	82.5	84.3	2.18	101	102	0.768	30	130
1,2,4-Trichlorobenzene	ND	2	87	88.5	1.69	112	112	0	30	130
%SS1:	81.5	100	123	118	4.09	120	123	2.01	30	130
%SS2:	80.1	100	118	113	4.05	128	130	1.31	30	130
%SS3:	87.7	100	122	121	1.14	123	123	0	30	130
%SS4:	81.2	100	119	120	0.486	111	111	0	30	130
%SS5:	93.3	100	125	120	4.54	119	119	0	30	130
%SS6:	75.9	100	125	126	0.424	114	115	0.678	30	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.
& = low or no surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR 6010C

Matrix: S WorkOrder: 0310450

EPA Method: 6010C	Extraction: SW3050B			BatchID: 9115		Spiked Sample ID: N/A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	N/A	50	N/A	N/A	N/A	99.6	102	2.28	80	120
%SS:	N/A	100	N/A	N/A	N/A	108	108	0	80	120

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 0310450

Client:
Shaw Environmental
4005 Port Chicago Hwy
Concord, CA 94520

TEL: 925-288-9898
FAX: (925) 827-2029
ProjectNo: #844915.31; SBC Pleasanton
PO:

Date Received: **10/28/03**
Date Printed: **10/28/03**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests			
					6010C	SW8015C	SW8021B/8015Cm	SW8260B
0310450-001	SBCP-TP1	Soil	10/28/03	☐	A	A	A	A

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 0310450

Client:
Shaw Environmental
4005 Port Chicago Hwy
Concord, CA 94520

TEL: 925-288-9898
FAX: (925) 827-2029
ProjectNo: #844915.31; SBC Pleasanton
PO:

Date Received: **10/28/03**
Date Printed: **10/28/03**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests			
					SW8270D			
0310450-001	SBCP-TP1	Soil	10/28/03	☐	A			

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

RUSH!

McCAMPBELL ANALYTICAL INC.

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☒ 72 HR ☐ 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Rob Delnagro Bill To: SAME

Company: Shaw Environmental & Infrastructure, Inc.

4005 Port Chicago Highway

Concord, CA 94520

Tele: (925) 288-2103 Fax: (925) 827-2029

Project #: 844915.31 Project Name: SBC PLEASANTON

Project Location: 7240 JOHNSON DR. PLEASANTON, CA

Sampler Signature: Joe Hunt

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO3	METHOD PRESERVED OTHER	BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 (8260) 5 FOEL OXYGENATES	EPA 625 (8270)	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals	LUFT 5 Metals	Lead (7240/7421/239.2/6010) (TOTAL)	RCI	Nitrate/Nitrite/Sulfate/Chloride/Fluoride	Comments
SBCP-TP1	TANK PIT WEST, 13'BGS	10-28-03	1120	1	TUBE		X				X				X	X							X	X				X			

Relinquished By: Joe Hunt Date: 10-28-03 Time: 1245 Received By:

Relinquished By: Date: Time: Received By:

Relinquished By: Date: Time: Received By:

	VOAS	O&G	METALS	OTHER
ICE/t° ✓				
GOOD CONDITION ✓				
HEAD SPACE ABSENT				
DECHLORINATED IN LAB				
PRESERVATION APPROPRIATE ✓				
CONTAINERS ✓				
PERSERVED IN LAB				

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #838819; SBC-Pleasanton	Date Sampled: 11/10/03
		Date Received: 11/10/03
	Client Contact: Rob Delnagro	Date Reported: 11/11/03
	Client P.O.:	Date Completed: 11/11/03

WorkOrder: 0311096

November 11, 2003

Dear Rob:

Enclosed are:

1). the results of **4** analyzed samples from your **#838819; SBC-Pleasanton project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #838819; SBC-Pleasanton	Date Sampled: 11/10/03
		Date Received: 11/10/03
	Client Contact: Rob Delnagro	Date Extracted: 11/10/03
	Client P.O.:	Date Analyzed: 11/10/03-11/11/03

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0311096

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	SB-1-16	S	ND	---	ND	ND	ND	ND	1	95.1
002A	SB-2-16	S	ND	---	ND	ND	ND	ND	1	89.1
003A	SB-3-17	S	ND	---	ND	ND	ND	ND	1	97.1
004A	SB-4-17	S	ND	---	ND	ND	ND	ND	1	94.2
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	NA	NA	NA	NA	NA	NA	1	ug/L
		S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #838819; SBC-Pleasanton	Date Sampled: 11/10/03
		Date Received: 11/10/03
	Client Contact: Rob Delnagro	Date Extracted: 11/10/03
	Client P.O.:	Date Analyzed: 11/10/03

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0311096

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0311096-001A	SB-1-16	S	ND	1	95.2
0311096-002A	SB-2-16	S	15,c,g	2	103
0311096-003A	SB-3-17	S	ND	1	83.5
0311096-004A	SB-4-17	S	ND	1	96.4

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #838819; SBC-Pleasanton	Date Sampled: 11/10/03
		Date Received: 11/10/03
	Client Contact: Rob Delnagro	Date Extracted: 11/10/03
	Client P.O.:	Date Analyzed: 11/10/03

Oxygenated Volatile Organics by P&T and GC/MS*

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0311096

Lab ID	0311096-001A	0311096-002A	0311096-003A	0311096-004A	Reporting Limit for DF =1	
Client ID	SB-1-16	SB-2-16	SB-3-17	SB-4-17		
Matrix	S	S	S	S		
DF	1	1	1	1	S	W
Compound	**Concentration**				µg/Kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	ND	5.0	NA
t-Butyl alcohol (TBA)	ND	ND	ND	ND	25	NA
Diisopropyl ether (DIPE)	ND	ND	ND	ND	5.0	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	ND	5.0	NA
Methyl-t-butyl ether (MTBE)	25	ND	ND	ND	5.0	NA
Surrogate Recoveries (%)						
%SS1:	88.3	82.9	86.3	87.9		
Comments						

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in µg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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Angela Rydelius, Lab Manager

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Shaw Environmental	Client Project ID: #838819; SBC-Pleasanton	Date Sampled: 11/10/03
4005 Port Chicago Hwy		Date Received: 11/10/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 11/10/03
	Client P.O.:	Date Analyzed: 11/11/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C | Analytical Method: SW8270D | Work Order: 0311096

Lab ID	0311096-001A
Client ID	SB-1-16
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	117	%SS2:	95.4
%SS3:	117	%SS4:	117
%SS5:	113	%SS6:	117

Comments:

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

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Angela Rydelius, Lab Manager

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Shaw Environmental	Client Project ID: #838819; SBC-Pleasanton	Date Sampled: 11/10/03
4005 Port Chicago Hwy		Date Received: 11/10/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 11/10/03
	Client P.O.:	Date Analyzed: 11/11/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C | Analytical Method: SW8270D | Work Order: 0311096

Lab ID	0311096-002A
Client ID	SB-2-16
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	116	%SS2:	80.0
%SS3:	119	%SS4:	118
%SS5:	106	%SS6:	113

Comments:

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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http://www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental	Client Project ID: #838819; SBC-Pleasanton	Date Sampled: 11/10/03
4005 Port Chicago Hwy		Date Received: 11/10/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 11/10/03
	Client P.O.:	Date Analyzed: 11/11/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270D Work Order: 0311096

Lab ID	0311096-003A
Client ID	SB-3-17
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	117	%SS2:	102
%SS3:	120	%SS4:	115
%SS5:	112	%SS6:	117

Comments:

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

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http://www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental	Client Project ID: #838819; SBC-Pleasanton	Date Sampled: 11/10/03
4005 Port Chicago Hwy		Date Received: 11/10/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 11/10/03
	Client P.O.:	Date Analyzed: 11/11/03

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550C Analytical Method: SW8270D Work Order: 0311096

Lab ID	0311096-004A
Client ID	SB-4-17
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.33	Acenaphthylene	ND	1.0	0.33
Anthracene	ND	1.0	0.33	Benzidine	ND	1.0	1.6
Benzoic Acid	ND	1.0	1.6	Benzo(a)anthracene	ND	1.0	0.33
Benzo(b)fluoranthene	ND	1.0	0.33	Benzo(k)fluoranthene	ND	1.0	0.33
Benzo(g,h,i)perylene	ND	1.0	0.33	Benzo(a)pyrene	ND	1.0	0.33
Benzyl Alcohol	ND	1.0	0.66	Bis (2-chloroethoxy) Methane	ND	1.0	0.33
Bis (2-chloroethyl) Ether	ND	1.0	0.33	Bis (2-chloroisopropyl) Ether	ND	1.0	0.33
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.33	4-Bromophenyl Phenyl Ether	ND	1.0	0.33
Butylbenzyl Phthalate	ND	1.0	0.33	4-Chloroaniline	ND	1.0	0.66
4-Chloro-3-methylphenol	ND	1.0	0.33	2-Chloronaphthalene	ND	1.0	0.33
2-Chlorophenol	ND	1.0	0.33	4-Chlorophenyl Phenyl Ether	ND	1.0	0.33
Chrysene	ND	1.0	0.33	Dibenzo(a,h)anthracene	ND	1.0	0.33
Dibenzofuran	ND	1.0	0.33	Di-n-butyl Phthalate	ND	1.0	0.33
1,2-Dichlorobenzene	ND	1.0	0.33	1,3-Dichlorobenzene	ND	1.0	0.33
1,4-Dichlorobenzene	ND	1.0	0.33	3,3-Dichlorobenzidine	ND	1.0	0.66
2,4-Dichlorophenol	ND	1.0	0.33	Diethyl Phthalate	ND	1.0	0.33
2,4-Dimethylphenol	ND	1.0	0.33	Dimethyl Phthalate	ND	1.0	0.33
4,6-Dinitro-2-methylphenol	ND	1.0	1.6	2,4-Dinitrophenol	ND	1.0	1.6
2,4-Dinitrotoluene	ND	1.0	0.33	2,6-Dinitrotoluene	ND	1.0	0.33
Di-n-octyl Phthalate	ND	1.0	0.33	1,2-Diphenylhydrazine	ND	1.0	0.33
Fluoranthene	ND	1.0	0.33	Fluorene	ND	1.0	0.33
Hexachlorobenzene	ND	1.0	0.33	Hexachlorobutadiene	ND	1.0	0.33
Hexachlorocyclopentadiene	ND	1.0	1.6	Hexachloroethane	ND	1.0	0.33
Indeno (1,2,3-cd) pyrene	ND	1.0	0.33	Isophorone	ND	1.0	0.33
2-Methylnaphthalene	ND	1.0	0.33	2-Methylphenol (o-Cresol)	ND	1.0	0.33
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.33	Naphthalene	ND	1.0	0.33
2-Nitroaniline	ND	1.0	1.6	3-Nitroaniline	ND	1.0	1.6
4-Nitroaniline	ND	1.0	1.6	2-Nitrophenol	ND	1.0	1.6
4-Nitrophenol	ND	1.0	0.33	Nitrobenzene	ND	1.0	1.6
N-Nitrosodiphenylamine	ND	1.0	0.33	N-Nitrosodi-n-propylamine	ND	1.0	0.33
Pentachlorophenol	ND	1.0	1.6	Phenanthrene	ND	1.0	0.33
Phenol	ND	1.0	0.33	Pyrene	ND	1.0	0.33
1,2,4-Trichlorobenzene	ND	1.0	0.33	2,4,5-Trichlorophenol	ND	1.0	0.33
2,4,6-Trichlorophenol	ND	1.0	0.33				

Surrogate Recoveries (%)

%SS1:	117	%SS2:	96.5
%SS3:	118	%SS4:	117
%SS5:	109	%SS6:	117

Comments:

* water samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) sample diluted due to high organic content.

DHS Certification No. 1644

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Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #838819; SBC-Pleasanton	Date Sampled: 11/10/03
		Date Received: 11/10/03
	Client Contact: Rob Delnagro	Date Extracted: 11/10/03
	Client P.O.:	Date Analyzed: 11/10/03

Lead by ICP*

Extraction method: SW3050B Analytical methods: 6010C Work Order: 0311096

Lab ID	Client ID	Matrix	Extraction	Lead	DF	% SS
0311096-001A	SB-1-16	S	TTLC	12	1	104
0311096-002A	SB-2-16	S	TTLC	6.1	1	108
0311096-003A	SB-3-17	S	TTLC	12	1	103
0311096-004A	SB-4-17	S	TTLC	15	1	104

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	NA	mg/L
	S	TTLC	5.0	mg/Kg

*water/product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate recovery outside of acceptance range due to matrix interference; & means low or no surrogate due to matrix interference; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water/liquid- Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipe/filter - As, Se, Tl); 7471B (Hg).

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations; j) reporting limit raised due to insufficient sample amount; k) results are reported by dry weight; y) estimated values due to low surrogate recovery; z) reporting limit raised due to matrix interference.

DHS Certification No. 1644

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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S WorkOrder: 0311096

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 9266 Spiked Sample ID: 0311070-001A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex)£	ND	0.60	99.2	98.9	0.281	99.2	101	1.40	70	130
MTBE	ND	0.10	109	107	1.97	92.3	88.6	4.09	70	130
Benzene	ND	0.10	105	103	1.94	106	103	2.58	70	130
Toluene	ND	0.10	103	101	1.82	104	102	1.96	70	130
Ethylbenzene	ND	0.10	106	104	1.94	103	102	1.53	70	130
Xylenes	ND	0.30	107	107	0	103	103	0	70	130
%SS:	98.5	100	128	123	4.06	104	103	0.966	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015C

Matrix: S WorkOrder: 0311096

EPA Method: SW8015C Extraction: SW3550C BatchID: 9274 Spiked Sample ID: 0311083-002a

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	1.70	150	93.4	95.4	2.06	99	96.9	2.14	70	130
%SS:	94.3	100	101	103	2.13	104	102	2.18	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8270D

Matrix: S WorkOrder: 0311096

EPA Method: SW8270D	Extraction: SW3550C	BatchID: 9242	Spiked Sample ID: 0311060-010A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Acenaphthene	ND	2	81.8	82.2	0.512	86.3	86.1	0.197	30	130
4-Chloro-3-methylphenol	ND	4	98.8	96.7	2.20	97.2	100	3.00	30	130
2-Chlorophenol	ND	4	95.1	94.5	0.622	93	95.5	2.72	30	130
1,4-Dichlorobenzene	ND	2	93.7	93.5	0.160	98.2	97.8	0.337	30	130
2,4-Dinitrotoluene	ND	2	95.7	90.5	5.62	94.7	94.8	0.0950	30	130
4-Nitrophenol	ND	4	75.8	76.3	0.671	76.3	76.2	0.144	30	130
N-Nitrosodi-n-propylamine	ND	2	99.5	93.5	6.21	106	110	4.15	30	130
Pentachlorophenol	ND	4	75.3	75.8	0.549	75.9	77.7	2.40	30	130
Phenol	ND	4	77.8	76.4	1.73	89.6	90.4	0.872	30	130
Pyrene	ND	2	90	90.2	0.277	97.2	96.8	0.381	30	130
1,2,4-Trichlorobenzene	ND	2	102	100	1.30	104	104	0	30	130
%SS1:	115	100	118	118	0	108	116	7.25	30	130
%SS2:	105	100	102	76.5	28.6	116	119	3.01	30	130
%SS3:	121	100	126	124	1.52	119	120	0.596	30	130
%SS4:	118	100	105	107	1.49	108	108	0	30	130
%SS5:	93.2	100	120	109	9.46	116	118	1.96	30	130
%SS6:	113	100	107	107	0	109	109	0	30	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.
& = low or no surrogate due to matrix interference.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR 6010C

Matrix: S WorkOrder: 0311096

EPA Method: 6010C Extraction: SW3050B BatchID: 9273 Spiked Sample ID: N/A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	N/A	50	N/A	N/A	N/A	106	109	3.49	80	120
%SS:	N/A	100	N/A	N/A	N/A	106	108	2.15	80	120

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS – MSD) / (MS + MSD) * 2.

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not applicable to this method.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

KASA!

McCAMPBELL ANALYTICAL INC.

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Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

Report To: ROB DELNAGRO Bill To: SHAW ENV.
Company: SHAW ENV.
4005 PORT CHICAGO HWY
CONCORD, CA 94520
Tele: ( )(925) 288.2103 Fax: ( ) (925) 288.0888
Project #: 838819 Project Name: SBC - PLEASANTON
Project Location: 7420 JOHNSON DR., PLEASANTON CA
Sampler Signature: David Gallo

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: Ice	HCl	HNO_3	Other
SB-1-16	TANK PIT	11/10/03	0831	1	PLASTIC		X				X			
SB-2-16	FUEL ISLAND	11/10/03	0852	1	PLASTIC		X				X			
SB-3-17	TANK PIT	11/10/03	0914	1	PLASTIC		X				X			
SB-4-17	TANK PIT	11/10/03	0935	1	PLASTIC		X				X			

Analysis Request: BTEX & TPH as Gas (602/8020 + 8015) MTBE; TPH as Diesel (8015); Total Petroleum Oil & Grease (5520 E&F/B&F); Total Petroleum Hydrocarbons (418.1); EPA 601 / 8010; BTEX ONLY (EPA 602 / 8020); EPA 608 / 8080; EPA 608 / 8080 PCB's ONLY; EPA 624 / 8240 / 8260 8VOCs ONLY + OXYGENATES; EPA 625 / 8270; PAH's / PNA's by EPA 625 / 8270 / 8310; CAM-17 Metals; LUFT 5 Metals; Lead (7240/7421/239.2/6010); RCI

Other: 8260 - MTBE, TAME, EtBE, DIPE, TBA ONLY

Comments:

Relinquished By:	Date:	Time:	Received By:
David Gallo	11/10/03	1155	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Remarks:

ICE/t° ✓
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT CONTAINERS
DECHLORINATED IN LAB PRESERVED IN LAB

PRESERVATION	VOAS	O&G	METALS	OTHER

McCampbell Analytical Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0311096

Client:
Shaw Environmental
4005 Port Chicago Hwy
Concord, CA 94520

TEL: 925-288-9898
FAX: (925) 827-2029
ProjectNo: #838819; SBC-Pleasanton
PO:

Date Received: **11/10/03**
Date Printed: **11/10/03**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests			
					5-OXYS_S	8270D_S	G-MBTEX_S	PB_S
0311096-001	SB-1-16	Soil	11/10/03 8:31:00	☐	A	A	A	A
0311096-002	SB-2-16	Soil	11/10/03 8:52:00	☐	A	A	A	A
0311096-003	SB-3-17	Soil	11/10/03 9:14:00	☐	A	A	A	A
0311096-004	SB-4-17	Soil	11/10/03 9:35:00	☐	A	A	A	A

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests			
					TPH(D)_S			
0311096-001	SB-1-16	Soil	11/10/03 8:31:00	☐	A			
0311096-002	SB-2-16	Soil	11/10/03 8:52:00	☐	A			
0311096-003	SB-3-17	Soil	11/10/03 9:14:00	☐	A			
0311096-004	SB-4-17	Soil	11/10/03 9:35:00	☐	A			

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Appendix F

Soil Boring Logs

BORING NO. SB-1-16

FIELD GEOLOGIST D. Collins
CHECKED BY M. Curran
APPROVED BY D. Wynne
TOTAL DEPTH 16 ft.

DATE BEGAN 11/10/03
DATE FINISHED 11/10/03

DEPTH IN FEET	SAMPLE TYPE	BLOW COUNT	RECOVERY (%)	DRILLING REMARKS	ASTM D2488-00	PROFILE	
0					fill		Pea Gravel; fill.
14							14.0'
					cl		CLAY; dark gray, moderate plasticity, moist.
16	SB-1 16						TOTAL DEPTH OF BORING IS 16.0 FEET

DRILLER : –
DRILLING CO. : Vironex
DRILLING METHOD : Direct Push, 5-1/4" Hollow Stem Auger
SAMPLING METHOD :
PROJECT : SBC Pleasonton
LOCATION : Pleasanton, California
PROJECT NO. : 844915.31000000

DRAWN BY	T.R.S.	CHECKED BY		DRAWING NO. : 844915-A86
DATE	10/18/03	APPROVED BY		

Shaw™

Shaw E & I, Inc.

BORING NO. SB-2-16

FIELD GEOLOGIST D. Collins
CHECKED BY M. Curran
APPROVED BY D. Wynne
TOTAL DEPTH 16 ft.

DATE BEGAN 11/10/03
DATE FINISHED 11/10/03

DEPTH IN FEET	SAMPLE TYPE	BLOW COUNT	RECOVERY (%)	DRILLING REMARKS	ASTM D2488-00	PROFILE	
0					fill		Pea Gravel; fill.
14					cl		14.0' CLAY; dark gray, moderate plasticity, moist.
16	SB-2 16						TOTAL DEPTH OF BORING IS 16.0 FEET

DRILLER : –
DRILLING CO. : Vironex
DRILLING METHOD : Direct Push, 5-1/4" Hollow Stem Auger
SAMPLING METHOD :
PROJECT : SBC Pleasanton
LOCATION : Pleasanton, California
PROJECT NO. : 844915.31000000

DRAWN BY	T.R.S.	CHECKED BY	
DATE	10/18/03	APPROVED BY	

DRAWING NO. : 844915-A87

Shaw™

Shaw E & I, Inc.

BORING NO. SB-3-17

FIELD GEOLOGIST D. Collins
CHECKED BY M. Curran
APPROVED BY D. Wynne
TOTAL DEPTH 17 ft.

DATE BEGAN 11/10/03
DATE FINISHED 11/10/03

DEPTH IN FEET	SAMPLE TYPE	BLOW COUNT	RECOVERY (%)	DRILLING REMARKS	ASTM D2488-00	PROFILE
0					fill	
15					cl	
16	SB-3 17					
17						

Pea Gravel; fill.

15.0'

CLAY; dark gray, moderate plasticity, moist.

DRILLER : –
DRILLING CO. : Vironex
DRILLING METHOD : Direct Push, 5-1/4" Hollow Stem Auger
SAMPLING METHOD :
PROJECT : SBC Pleasanton
LOCATION : Pleasanton, California
PROJECT NO. : 844915.31000000

DRAWN BY	T.R.S.	CHECKED BY		DRAWING NO. : 844915-A88
DATE	10/18/03	APPROVED BY		

Shaw™

Shaw E & I, Inc.

BORING NO. SB-4-17

FIELD GEOLOGIST D. Collins
CHECKED BY M. Curran
APPROVED BY D. Wynne
TOTAL DEPTH 17 ft.

DATE BEGAN 11/10/03
DATE FINISHED 11/10/03

DEPTH IN FEET	SAMPLE TYPE	BLOW COUNT	RECOVERY (%)	DRILLING REMARKS	ASTM D2488-00	PROFILE
0					fill	
15					cl	
16	SB-4 17					
17						

Pea Gravel; fill.

15.0'

CLAY; dark gray, moderate plasticity, moist.

DRILLER : –
DRILLING CO. : Vironex
DRILLING METHOD : Direct Push, 5–1/4" Hollow Stem Auger
SAMPLING METHOD :
PROJECT : SBC Pleasanton
LOCATION : Pleasanton, California
PROJECT NO. : 844915.31000000

DRAWN BY	T.R.S.	CHECKED BY		DRAWING NO. : 844915-A89
DATE	10/18/03	APPROVED BY		

Shaw™

Shaw E & I, Inc.