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Alameda County  
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Environmental Health

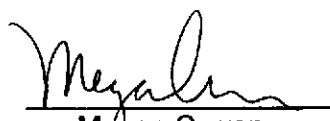
**UNDERGROUND STORAGE TANK  
REMOVAL REPORT  
SBC FACILITY  
2610 NORBRIDGE AVENUE  
CASTRO VALLEY, CALIFORNIA**

Prepared for:

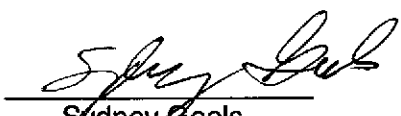
SBC  
P.O. Box 5095  
2600 Camino Ramon, Room 3E400GG  
San Ramon, California 94583

Prepared by:

Shaw Environmental, Inc.  
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Concord, California 94520



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Project Scientist



Sydney Geels  
Project Manager/Quality Assurance

Shaw Project No. 844915.30

February 2004

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## **1.0 Introduction**

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On behalf of SBC (formerly Pacific Bell), Shaw Environmental, Inc. (Shaw) was contracted to provide and operate equipment to excavate and provide environmental consulting services during the removal of one 10,000-gallon gasoline underground storage tank (UST) from the SBC facility located at 2610 Norbridge Avenue, Castro Valley, California (Figure 1). SBC's alliance architect subcontracted RHL Design Group, Inc. (RHL) to provide engineering and permitting services. UST removal work discussed in this report was completed in compliance with local and state regulatory requirements in December 2003.

### **1.1 Site Description**

The SBC property is located in a predominantly commercial area of Castro Valley, California. Four buildings are located throughout the property. The remainder of the site is paved and used for vehicle parking and equipment storage (Figure 2).

On the southern portion of the site was a 10,000-gallon gasoline UST used for fueling the SBC fleet vehicles. 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, RHL obtained a permit for the tank removal from the Alameda County Department of Environmental Health (ACDEH). Additionally, Shaw obtained a permit for the tank removal from the Alameda County Fire Department (ACFD). Copies of the permits are included in Appendix A. Prior to removal of the tank, a representative of the ACDEH was scheduled to observe the tank removal activities.

## **2.0 UST Removal Field Activities**

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### **2.1 Tank Removal**

On December 9, 2003, Shaw personnel began excavation activities with the removal of the pea gravel fill material around the tank. The excavated fill was placed on plastic adjacent to the excavation. On December 11, 2003, Ecology Control Industries, Inc. (ECI) personnel triple rinsed the UST using a fresh water/detergent mixture and a hot water pressure washer. The tank's contents (gasoline fuel) 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 1,000 gallons of rinsate were removed using a vacuum truck. The rinsate was then transported for disposal, under manifest number 22800107 to Romic Environmental Technologies in East Palo Alto, California. A copy of the manifest for the rinsate is included in Appendix B.

On December 11, 2003, Shaw placed 500 pounds of dry ice into the UST. After approximately one hour, the lower explosive level (LEL) and percent oxygen were measured within the tank to ensure it was safe for removal. The LEL was recorded at 2% and percent oxygen was recorded at 0.3%. Upon authorization from Mr. Robert Weston of the ACDEH, 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 and associated piping were then transported by ECI to their facility in Richmond, California for disposal under manifest numbers 22800010 (tank) and 22800119 (piping). A copy of the hazardous waste tank closure certification is included in Appendix C. Copies of the manifests and certificates of destruction for transport and disposal of the tank and associated piping are presented in Appendix D.

No petroleum hydrocarbon odors were observed during excavation activities. No staining was observed on soils in the vicinity of the former UST. Groundwater was encountered at approximately 10 feet below surface grade (bsg) in the excavation.

## **2.2 Sampling Activities**

On December 11, 2003, Shaw personnel collected groundwater and soil samples from the tank excavation under the direction and supervision of Mr. Robert Weston of the ACDEH. One groundwater sample, labeled TPW-1, was collected using a new disposable bailer. Groundwater was then transferred from the bailer into the appropriate containers, labeled, and placed in a cooler with ice and transported under chain-of-custody protocol to the analytical laboratory. A copy of the chain of custody is included in Appendix E.

Two soil samples, labeled TP-1 and TP-2, were collected from the side walls of the tank excavation at depths of 8.10 and 9.2 feet bsg, respectively (2 feet into native soil above the soil/groundwater interface). The soil samples were collected by pushing a sample tube into the soil, collected using the bucket of the backhoe, until full.

In order to evaluate soil re-use or disposal options, one 4-point composite soil sample, labeled CS-1-4, was collected from the soil stockpile of the former tank excavation. The soil samples were collected by pushing four sample tubes into each stockpile at random locations until each was full.

After the soil samples were 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 is included in Appendix E.

### **2.3 Sample Analyses**

The samples were transported and submitted to McCampbell Analytical, Inc., an ELAP-certified laboratory in Pacheco, California. The groundwater and soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) under EPA method 8015 (modified) and for benzene, toluene, ethylbenzene, and xylenes (BTEX) constituents under EPA method 8021B. The five fuel oxygenates methyl tertiary butyl ether (MTBE), tert-amyl methyl ether (TAME), diisopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), and tert-butyl alcohol (TBA) as well as the two lead scavengers 1,2-Dibromoethane (EDB) and 1,2-Dichloroethane (1,2-DCA) were analyzed under EPA method 8260B. The samples were further analyzed for total lead and organic lead. The groundwater samples were analyzed for total lead and organic lead using EPA methods E200.9 and CA T22, respectively. The soil samples were analyzed for total lead and organic lead using EPA methods 6010C and CA T22, respectively.

### **2.4 Groundwater Sample Analytical Results**

Benzene, toluene, and xylenes were detected in the groundwater sample at concentrations of 0.57 parts per billion (ppb), 0.57 ppb, and 1.0 ppb, respectively. MTBE and TBA were detected in the groundwater sample at 24 ppb and 16 ppb, respectively. Total lead was detected at 6.6 ppb. TPH-G, ethylbenzene, the remaining fuel oxygenates, lead scavengers and organic lead were not detected in the laboratory analysis of the groundwater sample. Groundwater sample analytical results are summarized in Table 1 and depicted in Figure 3. A copy of the chain of custody is included in Appendix E.

## **2.5 Soil Sample Analytical Results**

TPH-G, BTEX constituents, all five fuel oxygenates, and the two lead scavengers were not detected in the laboratory analysis of any of the soil samples collected. Total lead was detected at a concentration of 12 parts per million (ppm) in both of the tank excavation soil samples; however, organic lead was not detected in any of the soil samples collected. Soil sample analytical results are summarized in Table 2 and depicted in Figure 4. A copy of the chain of custody is included in Appendix E.

## **3.0 Site Restoration**

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Following completion of the UST removal activities, Shaw backfilled the tank excavation using the soil stockpile and clean imported fill material and then compacted.

## **4.0 Conclusions**

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

- On December 11, 2003, the UST was triple rinsed with the removed rinsate being transported off-site for disposal.
- On December 11, 2003, the 10,000-gallon gasoline UST was excavated and transported off-site for disposal.
- Groundwater was encountered within the excavation at approximately 10 feet bsg.
- Benzene, toluene, and xylenes were detected in the groundwater sample at concentrations of 0.57 ppb, 0.57 ppb, and 1.0 ppb, respectively.
- MTBE, TBA, and total lead were detected in the groundwater sample at 24 ppb, 16 ppb, and 6.6 ppb, respectively.
- Total lead was detected in excavation soil samples TP-1 and TP-2 at a concentration of 12 ppm each. No other analytes were detected in any of the soil samples collected.
- The excavation was subsequently backfilled with stockpiled soils and imported clean fill material.
- No further actions are warranted for this site.



#### **4.1 Reporting Requirements**

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

Mr. Robert Weston  
Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway  
Alameda, California 94502

**TABLE 1**  
**Groundwater Sample Analytical Results**  
**SBC Facility**  
**2610 Norbridge Avenue**  
**Castro Valley, California**

Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-G	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	3 Fuel Oxygenates	Lead Scavengers	Total Lead	Organic Lead
				(all results reported in parts per billion)										
TPW-1	tank excavation	10 feet	12/11/03	ND <sub>50</sub>	0.57	0.57	ND <sub>0.5</sub>	1.0	24	16	ND <sub>0.5</sub>	ND <sub>0.5</sub>	6.6	ND <sub>5.0</sub>

Notes:

bsg – below surface grade

TPH-G – total petroleum hydrocarbons as gasoline

MTBE – methyl tertiary butyl ether

TBA- tert-butyl alcohol

3 Fuel oxygenates- tert-amyl methyl ether, di-isopropyl ether, and ethyl tert butyl ether

Lead Scavengers- 1,2-Dibromoethane and 1,2-Dichloroethane

ND<sub>x</sub> – not detected above “x” laboratory detection limits

**TABLE 2**  
**Soil Sample Analytical Results**  
**SBC Facility**  
**2610 Norbridge Avenue**  
**Castro Valley, California**

Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-G	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	TBA	3 Fuel Oxygenates	Lead Scavengers	Total Lead	Organic Lead
				(all results reported in parts per million)										
TP-1	tank excavation	8.1 feet	12/11/03	ND <sub>1.0</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.025</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	12	ND <sub>0.5</sub>
TP-2	tank excavation	9.2 feet	12/11/03	ND <sub>1.0</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.025</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	12	ND <sub>0.5</sub>
CS-1-4	Excavation stockpile	---	12/11/03	ND <sub>1.0</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>0.025</sub>	ND <sub>0.005</sub>	ND <sub>0.005</sub>	ND <sub>5.0</sub>	ND <sub>0.5</sub>

Notes:

bsg – below surface grade

TPH-G – total petroleum hydrocarbons as gasoline

MTBE – methyl tertiary butyl ether

TBA- tert-butyl alcohol

3 Fuel oxygenates- tert-amyl methyl ether, di-isopropyl ether, and ethyl tert butyl ether

Lead Scavengers- 1,2-Dibromoethane and 1,2-Dichloroethane

ND<sub>x</sub> – not detected above “x” laboratory detection limits

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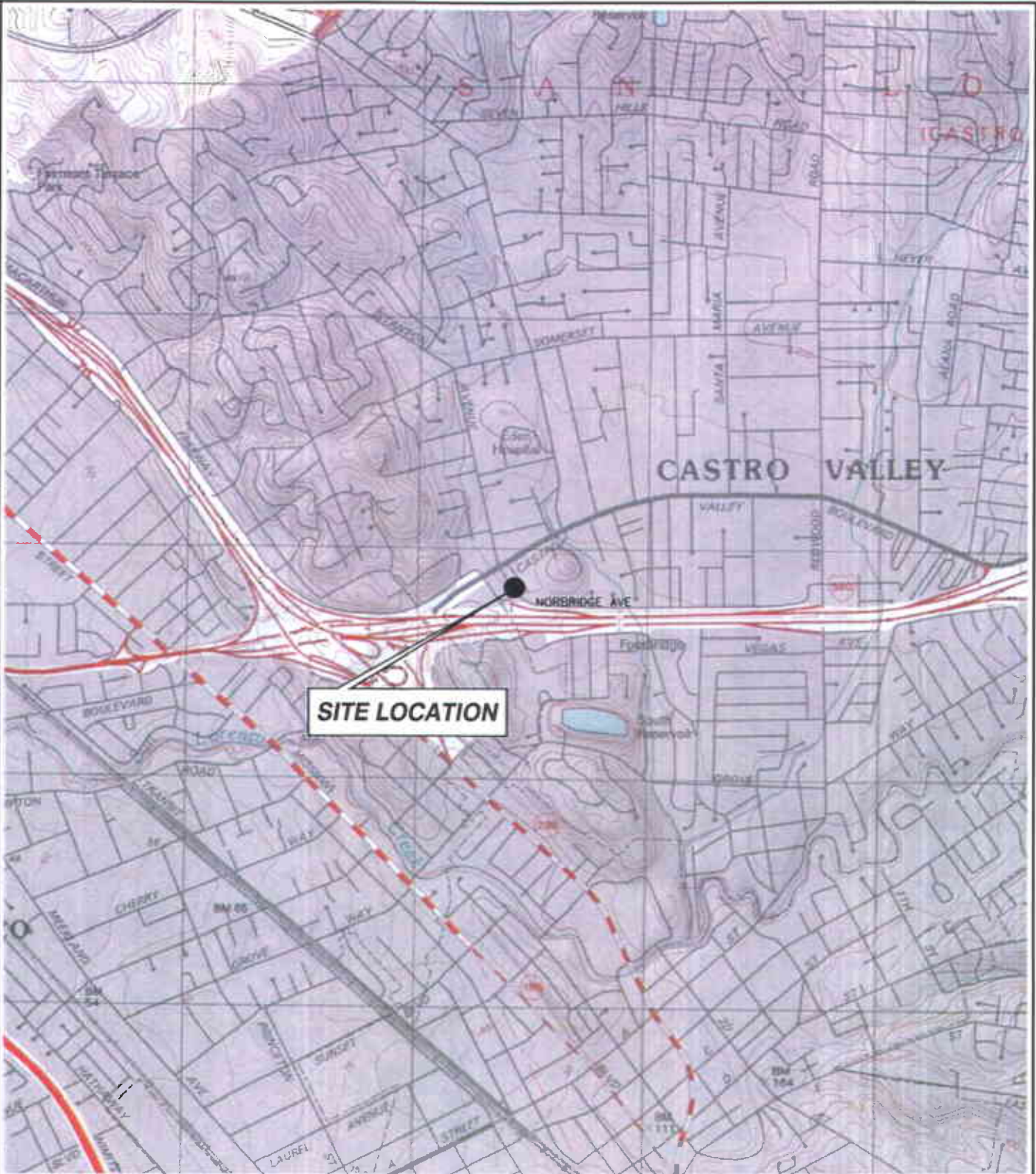
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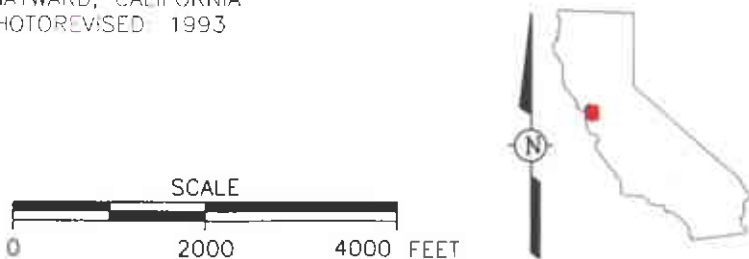
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OFFICE Concord

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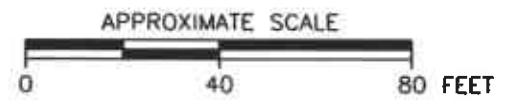
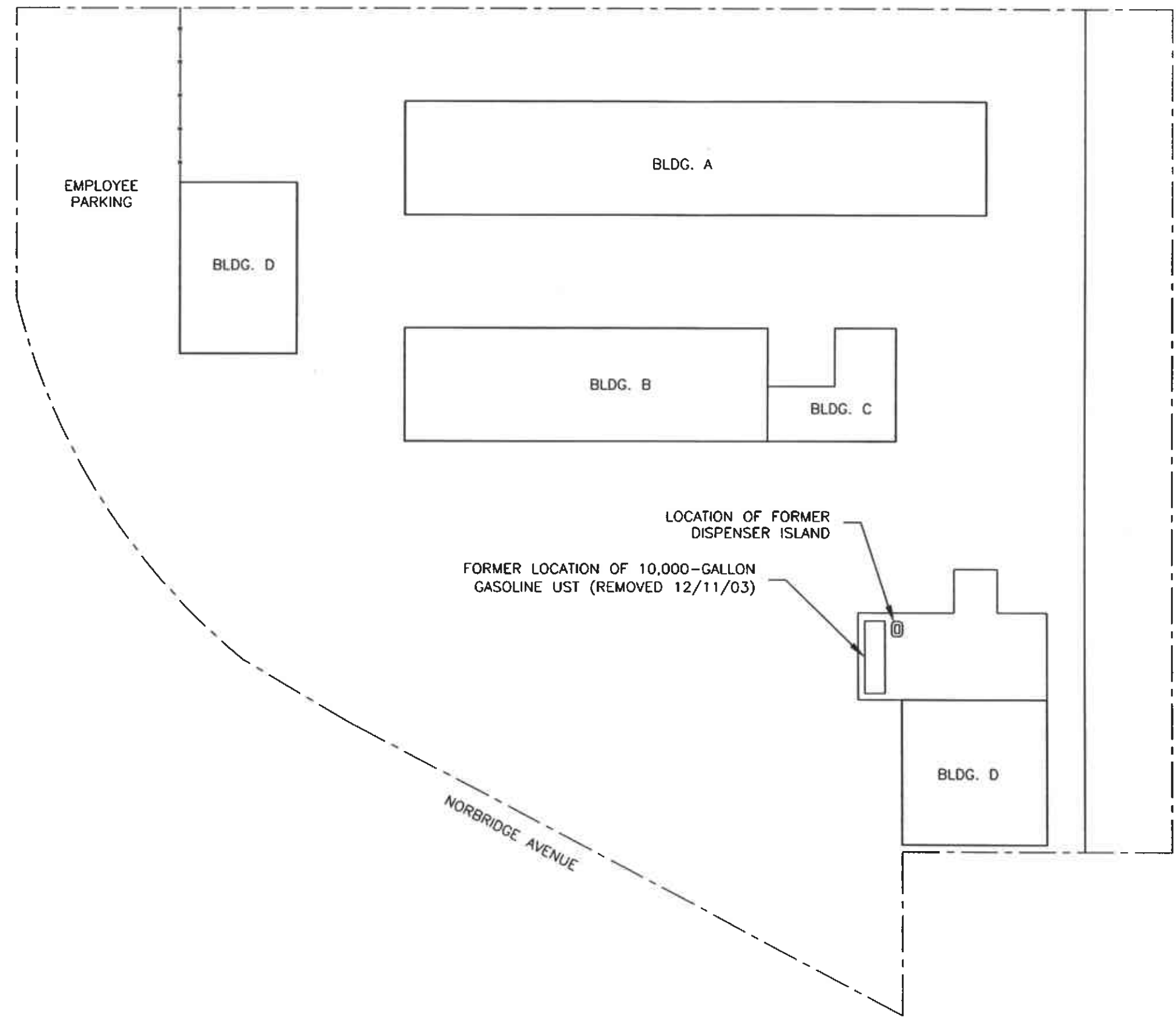
SBC FACILITY  
 SAN RAMON, CALIFORNIA

FIGURE 1

SITE VICINITY MAP  
 2610 NORBRIDGE AVE  
 CASTRO VALLEY, CALIFORNIA

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 APPROVED BY  
 CHECKED BY  
 DRAWN BY RB 2/11/03  
 OFFICE  
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 IMAGE

CASTRO VALLEY AVENUE

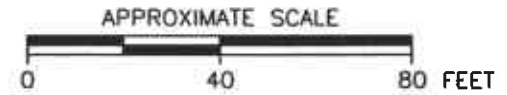
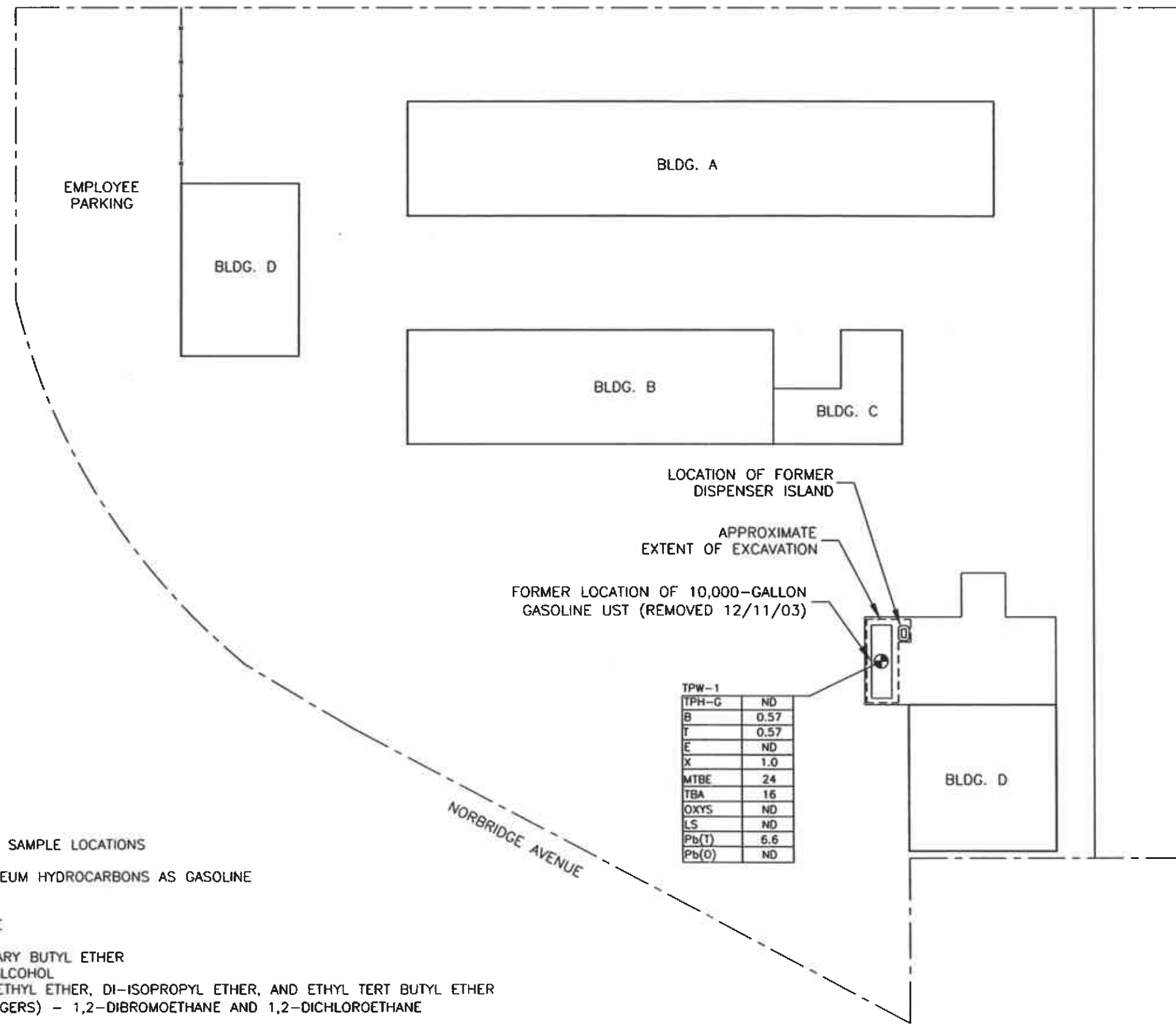



**Shaw** Shaw Environmental, Inc.

SBC  
 SAN RAMON, CALIFORNIA

FIGURE 2  
 SITE PLAN

SBC FACILITY  
 2610 NORBRIDGE AVENUE  
 CASTRO VALLEY, CALIFORNIA



**LEGEND**

● GROUNDWATER SAMPLE LOCATIONS

- TPH-G TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- B BENZENE
- T TOLUENE
- E ETHYLBENZENE
- X XYLENES
- MTBE METHYL TERTIARY BUTYL ETHER
- TBA TERT BUTYL ALCOHOL
- OXYS TERT AMYL METHYL ETHER, DI-ISOPROPYL ETHER, AND ETHYL TERT BUTYL ETHER
- LS (LEAD SCAVENGERS) - 1,2-DIBROMOETHANE AND 1,2-DICHLOROETHANE
- Pb(T) TOTAL LEAD
- Pb(O) ORGANIC LEAD
- ND NOT DETECTED ABOVE METHOD LIMITS

ALL RESULTS REPORTED IN PARTS PER BILLION (ppb)

TPH-G	ND
B	0.57
T	0.57
E	ND
X	1.0
MTBE	24
TBA	16
OXYS	ND
LS	ND
Pb(T)	6.6
Pb(O)	ND

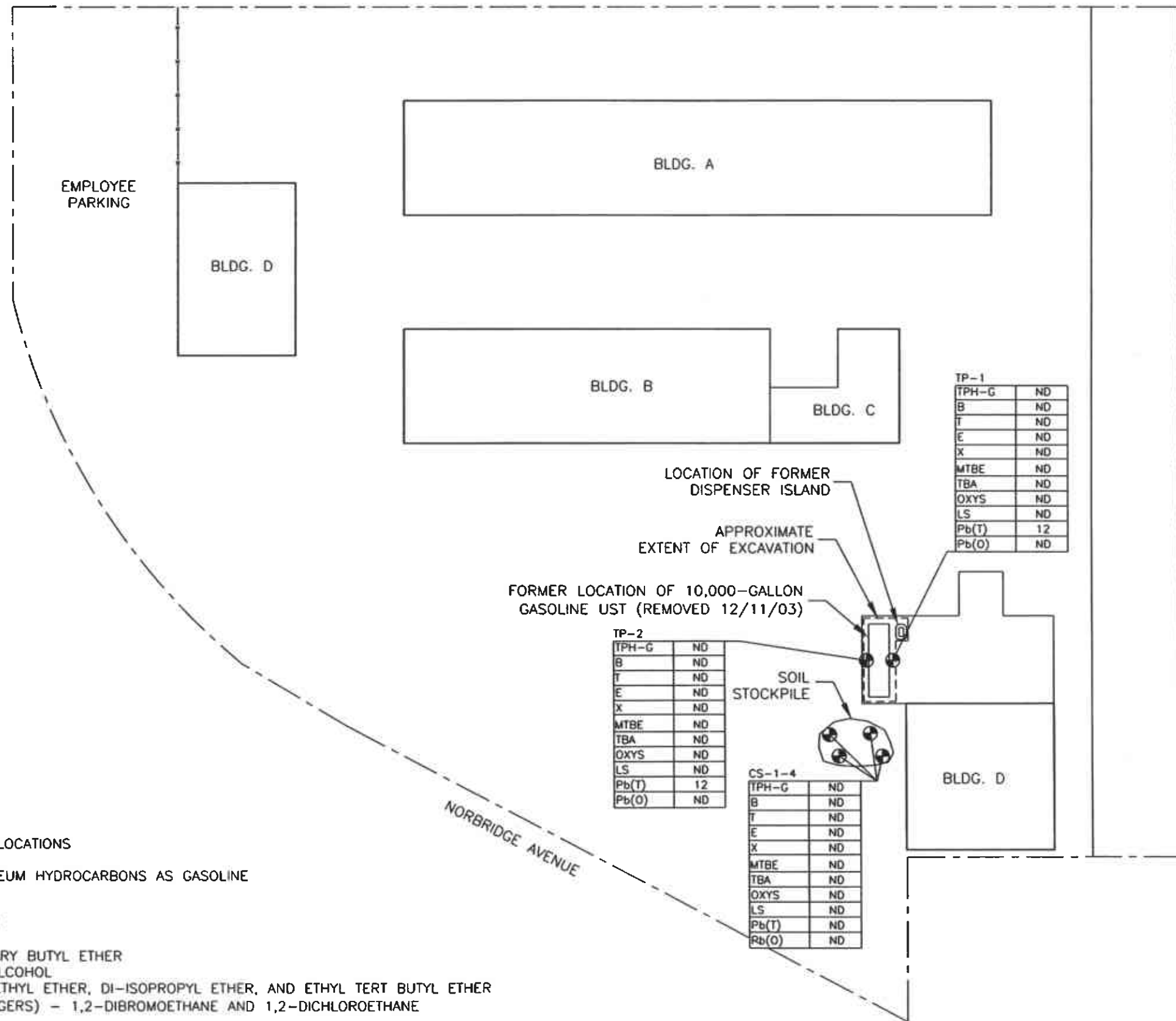


SBC  
SAN RAMON, CALIFORNIA

FIGURE 3  
SITE PLAN WITH GROUNDWATER  
SAMPLE ANALYTICAL RESULTS (12/11/03)  
SBC FACILITY  
2610 NORBRIDGE AVENUE  
CASTRO VALLEY, CALIFORNIA

IMAGE X-REF OFFICE DRAWN BY RB 2/17/03 CHECKED BY APPROVED BY DRAWING NUMBER 844915-B7

CASTRO VALLEY AVENUE



TP-1

TPH-G	ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
TBA	ND
OXYS	ND
LS	ND
Pb(T)	12
Pb(O)	ND

TP-2

TPH-G	ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
TBA	ND
OXYS	ND
LS	ND
Pb(T)	12
Pb(O)	ND

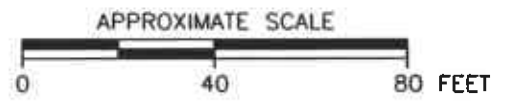
CS-1-4

TPH-G	ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
TBA	ND
OXYS	ND
LS	ND
Pb(T)	ND
Pb(O)	ND

**LEGEND**

- ⊕ SOIL SAMPLE LOCATIONS
- TPH-G TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- B BENZENE
- T TOLUENE
- E ETHYLBENZENE
- X XYLENES
- MTBE METHYL TERTIARY BUTYL ETHER
- TBA TERT BUTYL ALCOHOL
- OXYS TERT AMYL METHYL ETHER, DI-ISOPROPYL ETHER, AND ETHYL TERT BUTYL ETHER
- LS (LEAD SCAVENGERS) - 1,2-DIBROMOETHANE AND 1,2-DICHLOROETHANE
- Pb(T) TOTAL LEAD
- Pb(O) ORGANIC LEAD
- ND NOT DETECTED ABOVE METHOD LIMITS

ALL RESULTS REPORTED IN PARTS PER MILLION (ppm)



**Shaw** Shaw Environmental, Inc.

SBC  
SAN RAMON, CALIFORNIA

FIGURE 4

SITE PLAN WITH SOIL SAMPLE ANALYTICAL RESULTS (12/11/03)  
SBC FACILITY  
2610 NORBRIDGE AVENUE  
CASTRO VALLEY, CALIFORNIA

**Appendix A**

**Tank Removal Permit and State Forms**



ALAMEDA COUNTY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 1131 HARBOR BAY PARKWAY  
 ALAMEDA, CA 94502-6577  
 PHONE (510) 567-6700

**ACCEPTED**

Underground Storage Tank Closure Permit Application  
 Alameda County Division of Hazardous Materials  
 1131 Harbor Bay Parkway, Suite 290  
 Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction.

One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Departments to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

- Removal of Tank(s) and Piping
- Sampling
- Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

**THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS:**

Contact Specialist:

*RW*

Robert Weston  
 Accepted November 21, 2003

See attached Table 2 for contaminate analysis

**UNDERGROUND STORAGE TANK CLOSURE PLAN**

\*\*\* Complete closure plan according to instructions \*\*\*

1. Name of Business SBC (P5200) CTVYCA60  
 Business Owner or Contact Person (PRINT) SBC Environmental Management
2. Site Address 2610 Norbridge Avenue  
 City, State Castro Valley, CA Zip 94546 Phone (800) 757-6575
3. Mailing Address P.O. Box 5095, Room 3E000  
 City, State San Ramon, CA Zip 94583 Phone (800) 757-6575
4. Property Owner SBC (P5200) CTVYCA60  
 Business Name (if applicable) SBC  
 Address 2610 Norbridge Avenue  
 City, State Castro Valley, CA Zip 94546 Phone (800) 757-6575
5. Generator name under which tank will be manifested  
SBC  
 EPA I.D. No. under which tank(s) will be manifested CAT080021488



6. Contractor Shaw Environmental Inc.  
Address 2790 Mosside Boulevard  
City, State Monroeville, PA 15146 815620 ne  
License Type \_\_\_\_\_ ID# \_\_\_\_\_

7. Consultant (if applicable) RHL Design Group Inc., Scott Irwin  
Address 1137 N. McDowell Boulevard  
City, State Petaluma, CA Zip 94954 Phone (707) 765-1660

8. Main Contact Person for Investigation (if applicable)  
Name \_\_\_\_\_ Title \_\_\_\_\_  
Company \_\_\_\_\_  
Phone \_\_\_\_\_

9. Number of underground tanks being closed with this plan 1  
Length of piping being removed under this plan 7'-0"  
Total number underground tanks at this facility (\*\*confirmed with owner or operator) 1

10. State Registered Hazardous Waste Transporters/Facilities (See Instructions).

a) Product/Residual Sludge/Rinsate Transporter

Name Ecology Control Industries EPA I.D. No. CAD982030173  
Hauler License No. 1533 License Exp. Date 3/31/04  
Address 255 Parr Boulevard  
City, State Richmond, CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site

Name Romic Chemical Corporation EPA I.D. No. CAD009452657  
Address 2081 Bay Road  
City, State East Palo Alto, CA Zip 94303

c) Tank and Piping Transporter

Name Ecology Control Industries EPA I.D. No. CAD982030173

Hauler License No. 1533 License Exp. Date 3/31/04

Address 255 Parr Boulevard

City, State Pacheco, CA Zip 94553

d) Tank and Piping Disposal Site

Name Ecology Control Industries EPA I.D. No. CAD982030173

Address 255 Parr Boulevard

City, State Pacheco, CA Zip 94553

11. Sample Collector

Name Robert Del Nagro

Company Shaw Environmental

Address 4005 Port Chicago Highway

City, State Concord, CA Zip 94520 Phone (925) 288-2119

12. Laboratory

Company McCambell Analytical

Address 110 Second Avenue South, #D7

City, State Pacheco, CA Zip 94553

State Certification No. 1644

13. Have tank(s) or piping leaked in the past? Yes [ ] No [ ] Unknown [ X ]

If yes, describe: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

14. Describe method(s) to be used for rendering tank(s) inert:

Dry Ice to vent, followed by triple rinsing to remove any residual fuel.

\_\_\_\_\_  
\_\_\_\_\_

**Before tank(s) are pumped out and inerted, all associated piping must be flushed back into the tank(s). All accessible piping must then be removed. Inaccessible piping must be permanently plugged using grout.**

The Bay Area Air Quality Management District, (415) 771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. **It is the contractor's responsibility to have a functional combustible gas indicator on-site to verify that the tank(s) is inerted.**

**15. Tank History and Sampling Information <sup>\*\*\*</sup>(See Instructions)<sup>\*\*\*</sup>**

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Sample(s)
Capacity (gallons)	Use History include date last used (estimated)		
		Soil and Ground Water	Soil sample will be collected at the base of the excavation in native soil. If ground water is present, soil samples will be collected at the soil/water interface. A representative water sample (if present) will be collected.

**One soil sample must be collected for every 20 linear feet of underground piping that is removed. A groundwater sample must be collected if any groundwater is present in the excavation.**

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (estimated)	Sampling Plan
50 cubic yards	1 each – 4 part composite sample for every 50 cubic yards of stockpile.

**Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.**

Will the excavated soil be returned to the excavation immediately after tank removal?  yes  no  unknown

If yes, explain reasoning Soil may be reused if analytical results indicate no detectable  
Analytics are present.

If unknown at this point in time, please be aware that **excavated soil may not be returned to the excavation without prior approval from this office. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling activities.**

16. Chemical methods and associated detection limits to be used for analyzing sample(s):

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits shall be followed.

See Table 2, Recommended Minimum Verification Analyses for Underground Tank Leaks.

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit	
<u>SOILS:</u> TPH gas	EPA 5030B	EPA 8015 modified	1.0 mg/kg	(ppm)
BTEX, EDB, EDC & 5 fuel oxy's	EPA 5030B	EPA 8260B	All 5 µg/kg except tBA = 25 µg/kg	(ppb)
Total Pb	EPA 3050B	EPA 7010 or 6010	3.0 mg/kg	(ppm)
Organic Pb	CA Title 22	CA Title 22	0.5 mg/kg	(ppm)
<u>WATERS:</u> TPH gas	EPA 5080B	EPA 8015 modified	50 µg/L	(ppb)
BTEX, EDB, EDC & 5 fuel oxy's	EPA 5030B	EPA 8260B	All 0.5 µg/L except tBA = 5.0 µg/L	(ppb)
Total Pb	EPA 200.9	EPA 200.9	5.0 µg/L	(ppb)
Organic Pb	CA Title 22	CA Title 22	5.0 µg/L	(ppb)

17. Submit Site Health and Safety Plan (See Instructions)
18. Submit Worker's Compensation Certificate copy  
Name of Insurer \_\_\_\_\_
19. Submit Plot Plan **\*\*\* (See Instructions) \*\*\***
20. Enclose Deposit (See Instructions)
21. **Report all leaks or contamination to this office within 5 days of discovery.**  
The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (URL) form.
22. **Submit a closure report to this office within 60 days of the tank removal.** The closure report must contain all information listed in item 22 of the instructions.
23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one-B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner).

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS - FACILITY

(one page per site) Page \_\_\_ of \_\_\_

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

I. FACILITY / SITE INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3 SBC FACILITY ID# \_\_\_\_\_

NEAREST CROSS STREET 401 2610 Norbridge Ave. Castro Valley FACILITY OWNER TYPE  4. LOCAL AGENCY/DISTRICT\*  
 1. CORPORATION  5. COUNTY AGENCY\*  
 BUSINESS TYPE  1. GAS STATION  3. FARM  5. COMMERCIAL  2. INDIVIDUAL  6. STATE AGENCY\*  
 2. DISTRIBUTOR  4. PROCESSOR  6. OTHER 403  3. PARTNERSHIP  7. FEDERAL AGENCY\* 402

TOTAL NUMBER OF TANKS REMAINING AT SITE 404 0 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 PHONE 408 925-823-8860

MAILING OR STREET ADDRESS 409 P.O. Box 5095

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  
 3. PARTNERSHIP  5. COUNTY AGENCY  7. FEDERAL AGENCY 413

III. TANK OWNER INFORMATION

TANK OWNER NAME 414 SBC PHONE 415 \_\_\_\_\_

MAILING OR STREET ADDRESS 416 Same as above.

CITY 417 \_\_\_\_\_ STATE 418 \_\_\_\_\_ ZIP CODE 419 \_\_\_\_\_

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

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- \_\_\_\_\_ 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:  
 3. INSURANCE  6. EXEMPTION  9. STATE FUND & CD 422

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 424 Meghan for Rob Delnagro DATE 424 11/21/03 PHONE 425 925-288-2103

NAME OF APPLICANT (print) 426 Robert Delnagro TITLE OF APPLICANT 427 Agent for SBC

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

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) SBC 3 FACILITY ID: \_\_\_\_\_ 430

LOCATION WITHIN SITE (Optional) South side of property 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  
 If "Yes", complete one page for each compartment.

DATE INSTALLED (YEAR/MO) unknown 435 TANK CAPACITY IN GALLONS 10,000 436 NUMBER OF COMPARTMENTS \_\_\_\_\_ 437

ADDITIONAL DESCRIPTION (For local use only) \_\_\_\_\_ 438

II. TANK CONTENTS

TANK USE 439 PETROLEUM TYPE 440  
 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type)  1a. REGULAR UNLEADED  2. LEADED  5. JET FUEL  
 2. NON-FUEL PETROLEUM  1b. PREMIUM UNLEADED  3. DIESEL  6. AVIATION FUEL  
 3. CHEMICAL PRODUCT  1c. MIDGRADE UNLEADED  4. GASOHOL  99. OTHER  
 4. HAZARDOUS WASTE (Includes Used Oil)  
 95. UNKNOWN

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

III. TANK CONSTRUCTION

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

TANK MATERIAL - primary tank (Check one item only)  1. BARE STEEL  3. FIBERGLASS / PLASTIC  5. CONCRETE  95. UNKNOWN 444  
 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)  1. BARE STEEL  3. FIBERGLASS / PLASTIC  5. CONCRETE  95. UNKNOWN 445  
 2. STAINLESS STEEL  4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP)  8. FRP COMPATIBLE W/100% METHANOL  99. OTHER  
 10. COATED STEEL  5. CONCRETE

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

OTHER CORROSION PROTECTION (Check one item only)  1 MANUFACTURED CATHODIC PROTECTION  3 FIBERGLASS REINFORCED PLASTIC  95 UNKNOWN 448 DATE INSTALLED \_\_\_\_\_ 449  
 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 OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED \_\_\_\_\_ 452  
 1 SPILL CONTAINMENT  1 ALARM  3 FILL TUBE SHUT OFF VALVE  
 2 DROP TUBE  2 BALL FLOAT  4 EXEMPT  
 3 STRIKER PLATE

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 IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454  
 1 VISUAL (EXPOSED PORTION ONLY)  5 MANUAL TANK GAUGING (MTG)  1 VISUAL (SINGLE WALL IN VAULT ONLY)  
 2 AUTOMATIC TANK GAUGING (ATG)  6 VADOSE ZONE  2 CONTINUOUS INTERSTITIAL MONITORING  
 3 CONTINUOUS ATG  7 GROUNDWATER  3 MANUAL MONITORING  
 4 STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING  8 TANK TESTING  
 99 OTHER  99 OTHER

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

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



UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

Page \_\_\_ of \_\_\_

UNDERGROUND PIPING		ABOVEGROUND PIPING	
SYSTEM TYPE <input type="checkbox"/> 1. PRESSURE <input checked="" type="checkbox"/> 2. SUCTION <input type="checkbox"/> 3. GRAVITY	458	<input type="checkbox"/> 1. PRESSURE <input type="checkbox"/> 2. SUCTION <input type="checkbox"/> 3. GRAVITY	459
CONSTRUCTION <input type="checkbox"/> 1. SINGLE WALL <input type="checkbox"/> 3. LINED TRENCH <input type="checkbox"/> 99. OTHER	460	<input type="checkbox"/> 1. SINGLE WALL <input type="checkbox"/> 95. UNKNOWN	462
MANUFACTURER <input checked="" type="checkbox"/> 2. DOUBLE WALL <input type="checkbox"/> 95. UNKNOWN	461	<input type="checkbox"/> 2. DOUBLE WALL <input type="checkbox"/> 99. OTHER	463
<input type="checkbox"/> 1. BARE STEEL <input type="checkbox"/> 6. FRP COMPATIBLE w/100% METHANOL <input type="checkbox"/> 2. STAINLESS STEEL <input type="checkbox"/> 7. GALVANIZED STEEL <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> 3. PLASTIC COMPATIBLE W/ CONTENTS <input type="checkbox"/> 99. Other <input type="checkbox"/> 4. FIBERGLASS <input type="checkbox"/> 8. FLEXIBLE (HDPE) <input type="checkbox"/> 5. STEEL W/COATING <input type="checkbox"/> 9. CATHODIC PROTECTION	464	<input type="checkbox"/> 1. BARE STEEL <input type="checkbox"/> 6. FRP COMPATIBLE w/100% METHANOL <input type="checkbox"/> 2. STAINLESS STEEL <input type="checkbox"/> 7. GALVANIZED STEEL <input type="checkbox"/> 3. PLASTIC COMPATIBLE W/ CONTENTS <input type="checkbox"/> 8. FLEXIBLE (HDPE) <input type="checkbox"/> 9. CATHODIC PROTECTION <input type="checkbox"/> 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
<b>SINGLE WALL PIPING</b> 466	<b>SINGLE WALL PIPING</b> 467
<p><b>PRESSURIZED PIPING</b> (Check all that apply):</p> <input type="checkbox"/> 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.	<p><b>PRESSURIZED PIPING</b> (Check all that apply):</p> <input type="checkbox"/> 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.
<input type="checkbox"/> 2. MONTHLY 0.2 GPH TEST <input type="checkbox"/> 3. ANNUAL INTEGRITY TEST (0.1GPH)	<input type="checkbox"/> 2. MONTHLY 0.2 GPH TEST <input type="checkbox"/> 3. ANNUAL INTEGRITY TEST (0.1GPH)
<p><b>CONVENTIONAL SUCTION SYSTEMS</b></p> <input type="checkbox"/> 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)	<p><b>CONVENTIONAL SUCTION SYSTEMS</b> (Check all that apply)</p> <input type="checkbox"/> 4. DAILY VISUAL CHECK <input type="checkbox"/> 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
<p><b>SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):</b></p> <input type="checkbox"/> 7. SELF MONITORING	<p><b>SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):</b></p> <input type="checkbox"/> 6. TRIENNIAL INTEGRITY TEST (0.1 GPH) <input type="checkbox"/> 7. SELF MONITORING
<p><b>GRAVITY FLOW</b></p> <input type="checkbox"/> 9. BIENNIAL INTEGRITY TEST (0.1 GPH)	<p><b>GRAVITY FLOW</b> (Check all that apply):</p> <input type="checkbox"/> 8. DAILY VISUAL MONITORING <input type="checkbox"/> 9. BIENNIAL INTEGRITY TEST (0.1 GPH)
<b>SECONDARILY CONTAINED PIPING</b>	<b>SECONDARILY CONTAINED PIPING</b>
<p><b>PRESSURIZED PIPING</b> (Check all that apply):</p> <input type="checkbox"/> 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one) <input type="checkbox"/> a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS <input type="checkbox"/> b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION <input type="checkbox"/> c. NO AUTO PUMP SHUT OFF	<p><b>PRESSURIZED PIPING</b> (Check all that apply):</p> <input type="checkbox"/> 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one) <input type="checkbox"/> a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS <input type="checkbox"/> b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION <input type="checkbox"/> c. NO AUTO PUMP SHUT OFF
<input type="checkbox"/> 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION <input type="checkbox"/> 12. ANNUAL INTEGRITY TEST (0.1 GPH)	<input type="checkbox"/> 11. AUTOMATIC LEAK DETECTOR <input type="checkbox"/> 12. ANNUAL INTEGRITY TEST (0.1 GPH)
<p><b>SUCTION/GRAVITY SYSTEM</b></p> <input checked="" type="checkbox"/> 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS	<p><b>SUCTION/GRAVITY SYSTEM</b></p> <input type="checkbox"/> 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS
<p><b>EMERGENCY GENERATORS ONLY</b> (Check all that apply)</p> <input type="checkbox"/> 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF + AUDIBLE AND VISUAL ALARMS <input type="checkbox"/> 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION <input type="checkbox"/> 16. ANNUAL INTEGRITY TEST (0.1 GPH) <input type="checkbox"/> 17. DAILY VISUAL CHECK	<p><b>EMERGENCY GENERATORS ONLY</b> (Check all that apply)</p> <input type="checkbox"/> 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF + AUDIBLE AND VISUAL ALARMS <input type="checkbox"/> 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) <input type="checkbox"/> 16. ANNUAL INTEGRITY TEST (0.1 GPH) <input type="checkbox"/> 17. DAILY VISUAL CHECK

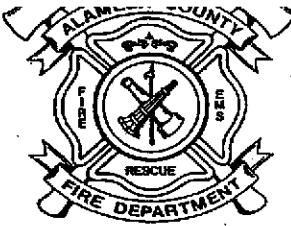
VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT	<input type="checkbox"/> 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE	<input type="checkbox"/> 4. DAILY VISUAL CHECK
DATE INSTALLED 468	<input checked="" type="checkbox"/> 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS	<input type="checkbox"/> 5. TRENCH LINER / MONITORING
	<input type="checkbox"/> 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS	<input type="checkbox"/> 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 <i>Michael for Rob Delnagro</i>	DATE 11/21/03	470
NAME OF OWNER/OPERATOR (print) Rob Delnagro	TITLE OF OWNER/OPERATOR agent for SBC	472
Permit Number (For local use only) 473	Permit Approved (For local use only) 474	Permit Expiration Date (For local use only) 475



PERMIT # 03-1716

Alameda County Fire Department
Bureau of Fire Prevention

FIRE CODE REGULATED ACTIVITY/USE
APPLICATION and PERMIT

[ ] City of Dublin [ ] City of San Leandro [X] Unincorporated Alameda County

Application Date: 11/21/03

Type of Permit Requested: UNDERGROUND STORAGE TANK Removal Activity Date(s): 12/3/03-12/23/03

Activity Location: 2100 Norbridge Ave. City: Castro Valley

ORGANIZATION/INDIVIDUAL MAKING APPLICATION

Name: SHAW Environmental Inc. Phone #: 925-288-2297
Address/City/State/Zip: 4005 Port Chicago Hwy Concord Ca 94520
Contact Person: Pam Irish Phone #: 925-288-2297 FAX #: 925-827-2029

CONTRACTOR INFORMATION (if applicable) ATTACH COPY OF WORKER'S COMP AND BUSINESS LICENSE

Company Name: SHAW Environmental Inc License Type/Number: 815620
Address/City/State/Zip: SAME AS ABOVE HAZ - A
Contact Person: Phone #: FAX #:

DESCRIPTION OF ACTIVITY TO BE PERFORMED: Attach copies of required listings, certificates, licenses, property owner approval (if different from applicant), etc. to fully explain activity, project, or authorization.

Removal of underground storage tank

All permits issued by the Fire Department shall be presumed to contain the proviso that the applicant, his agents and employees, shall carry out the proposed activity in compliance with all the requirements of the fire code and any other laws or regulations applicable thereto, whether specified or not, and in complete accordance with the approved plans, specifications, and conditions of approval.

This permit shall not be construed as authority to cancel, violate or set aside any provisions of the fire code, State and any other laws or regulations applicable thereto; nor, shall this permit take the place of any license or other regulatory permits required by law. Permits are not transferable and any change in the use, occupancy, operation, activity, or ownership shall require a new permit. Permits may be suspended or revoked for cause at any time.

I have read the above and acknowledge and agree to abide by the requirements and conditions of this permit. I also affirm all information that is provided as part of this permit application is true and correct.

Signature of Applicant: Pamela Irish

Date: 11/21/03

- Fire Department Office Use Only -

APPROVALS:

Rejected Date/By: Cont. Notified: Rejected Date/By: Cont. Notified:
TYPE PERMIT: Tank pull [ ] APPROVAL CONDITIONS ATTACHED 12/23/03
APPROVED BY: Paul E. ... DATE: 11/21/03 EXPIRATION: 11/23/03

PERMIT NOT VALID WITHOUT APPROVAL SIGNATURE

FEES DUE: 80. Date Paid: 11/21/03 Comments:

Plans Received: 11/21/03 Date Due: Plans Received: Date Due:

**Appendix B**

**Hazardous Waste Manifest for Rinsate Disposal**



**Appendix C**

**Hazardous Waste Tank  
Closure Certification**



**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.

CAT090026092 000 10

3. Generator's Name and Mailing Address

A. State Manifest Document Number

22800010

P.O. BOX 5035; ROOM 3E000

SAN RAMON

CA94583

B. State Generator's ID

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

C. State Transporter's ID (Reserved)

5. Transporter 1 Company Name

6. US EPA ID Number

ECOLOGY CONTROL INDUSTRIES

CAD982030173

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

10. US EPA ID Number

ECOLOGY CONTROL INDUSTRIES  
255 PARR BLVD  
RICHMOND CA 94801

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. Type

13. Total Quantity

14. Unit Wt/Vol

NON RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK

001 TP

15000

P

b.

c.

d.

15. Additional Descriptions (including Proper Shipping Name, Hazard Class, and ID Number)  
EMPTY STORAGE TANK #31236  
TANKS HAVE BEEN INSULATED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY

16. Handling Codes for Wastes Listed Above

01

WEAR PROPER PROTECTIVE EQUIPMENT WHILE HANDLING. WEIGHTS OR VOLUMES ARE APPROXIMATE.  
24 HOUR EMERGENCY CONTACT: PACIFIC BELL DISPATCH RES. CTR ECI JOB #5270898 JW  
24 HOUR EMERGENCY TELEPHONE NUMBER: 916-977-7777 SITE ADDRESS: 2610 NORBRIDGE  
CASTRO VALLEY

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: DAVID COLLINS Signature: David Collins Month: 12 Day: 11 Year: 03

17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name: Jeff Webster Signature: Jeff Webster Month: 12 Day: 11 Year: 03

18. Transporter 2 Acknowledgment 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: James Wilcox Signature: James Wilcox Month: 12 Day: 17 Year: 03

DO NOT WRITE BELOW THIS LINE.

GENERATOR  
IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7580



UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No. Manifest Document No. 2 Page 1 of 1  
C A T I 0 8 0 1 0 2 0 0 9 2 0 0 1 1 1 9  
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
SBC  
P.O. BOX 5095; ROOM 3E000  
SAN RAMON CA 94583

A. State Manifest Document Number  
22800119

4. Generator's Phone | 916-977-7777

B. State Generator's ID

5. Transporter 1 Company Name  
ECOLOGY CONTROL INDUSTRIES  
6. US EPA ID Number  
C A 0 9 8 2 0 3 0 1 7 3

C. State Transporter's ID (Reserved)

7. Transporter 2 Company Name  
8. US EPA ID Number

D. Transporter's Phone

9. Designated Facility Name and Site Address  
ECOLOGY CONTROL INDUSTRIES  
255 FARR BLVD  
RICHMOND CA 94801  
10. US EPA ID Number  
C A D 0 0 9 4 6 6 3 9 2

E. State Transporter's ID (Reserved)

F. Transporter's Phone

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)  
NON RCRA HAZARDOUS WASTE SOLID  
WASTE EMPTY STORAGE TANK PIPING

12. Containers	13. Total Quantity	14. Unit Wt/Vol	F. Waste Number
No.	Type		
001	CM IP C	0.6000	P

J. Additional Descriptions for Materials Listed Above  
EMPTY STORAGE TANK # 2005  
TANKS HAVE BEEN INERTED  
WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY

K. Handling Codes for Waste Listed Above  
01/99

15. Special Handling Instructions and Additional Information  
WEAR PROPER PROTECTIVE EQUIPMENT WHILE HANDLING. WEIGHTS OR VOLUMES ARE APPROXIMATE.  
24 HOUR EMERGENCY CONTACT: PACIFIC BELL DISPATCH RES. CTR ECI JOB # 52T0898 JW  
24 HOUR EMERGENCY TELEPHONE NUMBER: 916-977-7777 SITE ADDRESS:

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: Derek D. Behanmon  
Signature: [Signature]  
Month: 1 | Day: 23 | Year: 03

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name: MARK MILLER  
Signature: M. Miller  
Month: 1 | Day: 23 | Year: 03

18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name: [Blank]  
Signature: [Blank]  
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: James Wilcox  
Signature: James Wilcox  
Month: 1 | Day: 23 | Year: 03

DO NOT WRITE BELOW THIS LINE.

GENERATOR  
TRANSPORTER  
FACILITY

Feb. 18. 2004 5:10PM  
DAY OR NIGHT  
TELEPHONE  
(510) 235-1393

ecology control industries

No. 2345 P. 9

# CERTIFICATE

# NO. 38184

## CERTIFIED SERVICES COMPANY

255 Parr Boulevard - Richmond, California 94801

CUSTOMER
JOB NO. 52T0898
SHAW

*Site: 2410 NDR Bridge  
CASTRO VALLEY, CA*

FOR: ECOLOGY CONTROL INDUSTRIES TANK NO. 21735

LOCATION: RICHMOND CA DATE: 12/22/2003 TIME: 12:11:05

TEST 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 10,000 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 APPROPRIATE 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 permissible 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.

*[Signature]*  
REPRESENTATIVE

TITLE

*[Signature]*  
INSPECTOR

Feb. 18. 2004 5:09PM  
DAY OR NIGHT  
TELEPHONE  
(510) 235-1393

ecology control industries

No. 2345 P. 8

# CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard - Richmond, California 94801

## NO. 38217

CUSTOMER	
JOB NO.	52T0898
SHAW	

*Site # 2610 Norbri  
CASTRO VALLEY, CA*

FOR: ECOLOGY CONTROL TANK NO. 31237

LOCATION: RICHMOND, CA DATE: 12/31/2003 TIME: 1:20:50 PM

TEST 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 485LF 112GAL 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 permissible 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.

*Chris Wilson*  
REPRESENTATIVE

TITLE

*John A. ...*  
INSPECTOR

**Appendix E**

**Laboratory Reports and  
Chain of Custody Forms**



McC Campbell 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](mailto:main@mccampbell.com)

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.30000000; SBC	Date Sampled: 12/11/03
		Date Received: 12/11/03
	Client Contact: Rob Delnagro	Date Reported: 12/12/03
	Client P.O.:	Date Completed: 12/12/03

**WorkOrder: 0312230**

December 12, 2003

Dear Rob:

Enclosed are:

- 1). the results of 1 analyzed sample from your #844915.30000000; SBC 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. McC Campbell 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





McC Campbell Analytical Inc.

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.30000000; SBC	Date Sampled: 12/11/03
	Client Contact: Rob Delnagro	Date Received: 12/11/03
	Client P.O.:	Date Extracted: 12/11/03
		Date Analyzed: 12/11/03

**Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS\***

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0312230

Lab ID	0312230-001B	Reporting Limit for DF =1	S	W
Client ID	TPW-1			
Matrix	W			
DF	1			

Compound	Concentration			ug/kg	ug/L
tert-Amyl methyl ether (TAME)	ND			NA	0.5
t-Butyl alcohol (TBA)	16			NA	5.0
1,2-Dibromoethane (EDB)	ND			NA	0.5
1,2-Dichloroethane (1,2-DCA)	ND			NA	0.5
Diisopropyl ether (DIPE)	ND			NA	0.5
Ethyl tert-butyl ether (ETBE)	ND			NA	0.5
Methyl-t-butyl ether (MTBE)	24			NA	0.5

**Surrogate Recoveries (%)**

%SS:	106			
------	-----	--	--	--

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.









**QC SUMMARY REPORT FOR SW8021B/8015Cm**

Matrix: W

WorkOrder: 0312230

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 9665			Spiked Sample ID: 0312228-006A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex) <sup>E</sup>	ND	60	94.1	94.7	0.606	93	94.6	1.65	70	130
MTBE	ND	10	99.8	118	16.7	112	111	1.33	70	130
Benzene	0.79	10	88.7	92.5	3.88	105	107	1.37	70	130
Toluene	ND	10	98.6	99	0.339	106	107	0.911	70	130
Ethylbenzene	ND	10	102	108	5.90	105	106	0.614	70	130
Xylenes	ND	30	103	110	6.25	107	107	0	70	130
%SS:	114	100	104	108	3.84	110	110	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.

<sup>E</sup> 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.



**QC SUMMARY REPORT FOR SW8260B**

Matrix: W

WorkOrder: 0312230

EPA Method: SW8260B		Extraction: SW5030B			BatchID: 9668		Spiked Sample ID: 0312228-010A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	10	91	92.5	1.63	80.8	81.7	1.11	70	130
t-Butyl alcohol (TBA)	ND	50	90.1	81	10.7	72.5	75.4	3.96	70	130
1,2-Dibromoethane (EDB)	ND	10	118	115	2.12	105	107	1.87	70	130
1,2-Dichloroethane (1,2-DCA)	ND	10	114	117	1.96	103	103	0	70	130
Diisopropyl ether (DIPE)	ND	10	120	123	2.55	106	106	0	70	130
Ethyl tert-butyl ether (ETBE)	ND	10	99.7	102	2.40	88.2	88.7	0.518	70	130
Methyl-t-butyl ether (MTBE)	ND	10	99	99.3	0.305	86.9	88.6	1.89	70	130
%SS1:	113	100	104	107	2.95	109	104	4.62	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.



McC Campbell 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](mailto:main@mccampbell.com)

### QC SUMMARY REPORT FOR E200.9

Matrix: W

WorkOrder: 0312230

EPA Method: E200.9		Extraction: E200.9			BatchID: 9659		Spiked Sample ID: N/A			
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	N/A	0.010	N/A	N/A	N/A	106	85.2	21.9	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.



McC Campbell 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](mailto:main@mccampbell.com)

## QC SUMMARY REPORT FOR CA T22 CPT11 APPDXI

Matrix: W

WorkOrder: 0312230

EPA Method: CA T22 CPT11 APP		Extraction: CA T22 CPT11		BatchID: 9671		Spiked Sample ID: N/A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	N/A	0.18	N/A	N/A	N/A	97.2	107	9.66	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.

**McC Campbell Analytical Inc.**

**CHAIN-OF-CUSTODY RECORD**



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

WorkOrder: 0312230

**Report to:**

Rob Delnagro  
 Shaw Environmental  
 4005 Port Chicago Hwy  
 Concord, CA 94520

TEL: 925-288-9898  
 FAX: (925) 827-2029  
 ProjectNo: #844915.30000000; SBC  
 PO:

**Bill to:**

Accounts Payable  
 Shaw Environmental & Infrastructure  
 4005 Port Chicago Hwy  
 Concord, CA 94520

Requested TAT: 1 day

Date Received: 12/11/03

Date Printed: 12/11/03

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0312230-001	TPW-1	Water	12/11/03 1:30:00	<input type="checkbox"/>	B	A	D	C											

**Test Legend:**

1	5-OXYS+PBSCV_W	2	G-MBTX_W	3	OPB_W	4	PB_W	5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Sonia Valles

Comments: 24hr 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.

0312230

**RUSH!**

**McCAMPBELL ANALYTICAL INC.**  
 110 2<sup>nd</sup> AVENUE SOUTH, #D7  
 PACHECO, CA 94553-5560  
 Telephone: (925) 798-1620 Fax: (925) 798-1622

**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:  
 Company: Shaw Environmental & Infrastructure, Inc.  
 4005 Port Chicago Highway  
 Concord, CA 94520  
 Tele: (925) 288-2103 Fax: (925) 827-2029  
 Project #: 844915.30000000 Project Name: SBC  
 Project Location: 2610 NORBRIDGE DRIVE, CASTRO VALLEY, CA  
 Sampler Signature:

Analysis Request										Other	Comments																		
SAMPLE ID	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED	BTEX & TPH as Gas (8020 + 8015) TPH as Diesel (8015M)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	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	Organic Lead (Title 22)	Total Lead	MTBE/TAME/DIPE/TBA/ETBE/EDB/EDC (8260)	EDF to Tuesdai Powers tuesdai.powers@shawgrp.com Fax results to Rob Delnagro. Then mail results to Rob.
		Date	Time			Water	Soil	Air	Sludge	Other																			

+ TPW-1

10/11 13:30 8 ~~8~~ X X X X X X X X

Relinquished By: *Stephen M. Pedraza* Date: 10/11 Time: 15:07 Received By: *Neil Kelly*  
 Relinquished By: Date: Time: Received By:  
 Relinquished By: Date: Time: Received By:

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.30000000; SBC	Date Sampled: 12/11/03
		Date Received: 12/11/03
	Client Contact: Rob Delnagro	Date Reported: 12/12/03
	Client P.O.:	Date Completed: 12/12/03

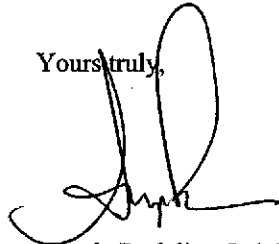
**WorkOrder: 0312227**  
 December 12, 2003

Dear Rob:

Enclosed are:

- 1). the results of 2 analyzed samples from your #844915.30000000; SBC 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. McC Campbell 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







McC Campbell Analytical Inc.

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.30000000; SBC	Date Sampled: 12/11/03
	Client Contact: Rob Delnagro	Date Received: 12/11/03
	Client P.O.:	Date Extracted: 12/11/03
		Date Analyzed: 12/11/03

**Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS\***

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0312227

Lab ID	0312227-001A	0312227-002A			Reporting Limit for DF =1	
Client ID	TP-1	TP-2				
Matrix	S	S				
DF	1	1				S

Compound	Concentration				µg/Kg	ug/L
Diisopropyl ether (DIPE)	ND	ND			5.0	NA
tert-Amyl methyl ether (TAME)	ND	ND			5.0	NA
t-Butyl alcohol (TBA)	ND	ND			25	NA
1,2-Dibromoethane (EDB)	ND	ND			5.0	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND			5.0	NA
Ethyl tert-butyl ether (ETBE)	ND	ND			5.0	NA
Methyl-t-butyl ether (MTBE)	ND	ND			5.0	NA

**Surrogate Recoveries (%)**

%SS:	100	101			
------	-----	-----	--	--	--

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.







McC Campbell Analytical Inc.

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 Telephone : 925-798-1620 Fax : 925-798-1622  
<http://www.mcccampbell.com> E-mail: [main@mcccampbell.com](mailto:main@mcccampbell.com)

### QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S

WorkOrder: 0312227

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 9657			Spiked Sample ID: 0312217-003A			
	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) <sup>E</sup>	ND	0.60	107	104	2.47	105	106	0.484	70	130
MTBE	ND	0.10	101	98.9	2.28	97.5	96.4	1.20	70	130
Benzene	ND	0.10	109	108	1.65	108	105	2.78	70	130
Toluene	ND	0.10	96.3	94.4	2.00	94.7	92.4	2.48	70	130
Ethylbenzene	ND	0.10	114	112	1.44	110	109	1.16	70	130
Xylenes	ND	0.30	107	107	0	100	100	0	70	130
%SS:	93.3	100	104	107	2.84	93.7	90.1	3.92	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.

<sup>E</sup> 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.



**QC SUMMARY REPORT FOR SW8260B**

Matrix: S

WorkOrder: 0312227

EPA Method: SW8260B		Extraction: SW5030B		BatchID: 9633			Spiked Sample ID: 0312126-001A			
	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	80.7	75.6	6.49	78.3	77.3	1.34	70	130
t-Butyl alcohol (TBA)	ND	250	86.2	80.9	6.29	85.7	82.4	4.02	70	130
1,2-Dibromoethane (EDB)	ND	50	103	103	0	102	100	1.47	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	104	99.7	4.04	97.6	99.8	2.21	70	130
Diisopropyl ether (DIPE)	ND	50	107	101	6.31	104	103	1.24	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	86.8	82	5.60	85	83.8	1.46	70	130
Methyl-t-butyl ether (MTBE)	ND	50	88.9	82.5	7.42	85.3	84.3	1.11	70	130
%SS1:	100	100	109	103	5.32	105	104	0.139	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.

$\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

\* 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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 http://www.mcccampbell.com E-mail: main@mcccampbell.com

### QC SUMMARY REPORT FOR 6010C

Matrix: S

WorkOrder: 0312227

EPA Method: 6010C		Extraction: SW3050B			BatchID: 9632		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	109	111	1.41	80	120
%SS:	N/A	100	N/A	N/A	N/A	105	106	0.473	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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### QC SUMMARY REPORT FOR CA T22 CPT11 APPD XI

Matrix: S

WorkOrder: 0312227

EPA Method: CA T22 CPT11 APP		Extraction: CA T22 CPT11		BatchID: 9667		Spiked Sample ID: 0312227-002A				
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	N/A	2.564	N/A	N/A	N/A	87.7	87.2	0.516	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.



**McC Campbell Analytical Inc.**



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

**CHAIN-OF-CUSTODY RECORD**

WorkOrder: 0312227

Report to:  
 Rob Delnagro  
 Shaw Environmental  
 4005 Port Chicago Hwy  
 Concord, CA 94520

TEL: 925-288-9898  
 FAX: (925) 827-2029  
 ProjectNo: #844915.30000000; SBC  
 PO:

Bill to:  
 Accounts Payable  
 Shaw Environmental & Infrastructure  
 4005 Port Chicago Hwy  
 Concord, CA 94520

Requested TAT: 1 day

Date Received: 12/11/03

Date Printed: 12/11/03

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0312227-001	TP-1	Soil	12/11/03 1:50:00	<input type="checkbox"/>	A	A	A	A											
0312227-002	TP-2	Soil	12/11/03 1:55:00	<input type="checkbox"/>	A	A	A	A											

Test Legend:

1	5-OXYS+PBSCV_S	2	G-MBTEX_S	3	OPB_S	4	PB_S	5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Sonia Valles

Comments: 24hr 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: 844915.30000000; SBC	Date Sampled: 12/11/03
		Date Received: 12/11/03
	Client Contact: Rob Delnagro	Date Reported: 12/12/03
	Client P.O.:	Date Completed: 12/12/03

**WorkOrder: 0312224**

December 12, 2003

Dear Rob:

Enclosed are:

- 1). the results of 1 analyzed sample from your 844915.30000000; SBC 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. McC Campbell 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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 http://www.mcccampbell.com E-mail: main@mcccampbell.com

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: 844915.30000000; SBC	Date Sampled: 12/11/03
		Date Received: 12/11/03
	Client Contact: Rob Delnagro	Date Extracted: 12/11/03
	Client P.O.:	Date Analyzed: 12/11/03

**Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS\***

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0312224

Lab ID	0312224-001A				Reporting Limit for DF =1	
Client ID	CS-1-4					
Matrix	S					
DF	1					S

Compound	Concentration				µg/Kg	ug/L
Diisopropyl ether (DIPE)	ND				5.0	NA
tert-Amyl methyl ether (TAME)	ND				5.0	NA
t-Butyl alcohol (TBA)	ND				25	NA
1,2-Dibromoethane (EDB)	ND				5.0	NA
1,2-Dichloroethane (1,2-DCA)	ND				5.0	NA
Ethyl tert-butyl ether (ETBE)	ND				5.0	NA
Methyl-t-butyl ether (MTBE)	ND				5.0	NA

**Surrogate Recoveries (%)**

%SS:	99.8				
------	------	--	--	--	--

**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.

 Angela Rydelius, Lab Manager







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**QC SUMMARY REPORT FOR SW8021B/8015Cm**

Matrix: S

WorkOrder: 0312224

EPA Method: SW8021B/8015Cm		Extraction: SW5030B		BatchID: 9657		Spiked Sample ID: 0312217-003A				
	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) <sup>E</sup>	ND	0.60	107	104	2.47	105	106	0.484	70	130
MTBE	ND	0.10	101	98.9	2.28	97.5	96.4	1.20	70	130
Benzene	ND	0.10	109	108	1.65	108	105	2.78	70	130
Toluene	ND	0.10	96.3	94.4	2.00	94.7	92.4	2.48	70	130
Ethylbenzene	ND	0.10	114	112	1.44	110	109	1.16	70	130
Xylenes	ND	0.30	107	107	0	100	100	0	70	130
%SS:	93.3	100	104	107	2.84	93.7	90.1	3.92	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.

$\% \text{ Recovery} = 100 * (\text{MS} - \text{Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$

\* 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.

<sup>E</sup> 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 SW8260B

Matrix: S

WorkOrder: 0312224

EPA Method: SW8260B		Extraction: SW5030B		BatchID: 9633			Spiked Sample ID: 0312126-001A			
	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	80.7	75.6	6.49	78.3	77.3	1.34	70	130
t-Butyl alcohol (TBA)	ND	250	86.2	80.9	6.29	85.7	82.4	4.02	70	130
1,2-Dibromoethane (EDB)	ND	50	103	103	0	102	100	1.47	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	104	99.7	4.04	97.6	99.8	2.21	70	130
Diisopropyl ether (DIPE)	ND	50	107	101	6.31	104	103	1.24	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	86.8	82	5.60	85	83.8	1.46	70	130
Methyl-t-butyl ether (MTBE)	ND	50	88.9	82.5	7.42	85.3	84.3	1.11	70	130
%SS1:	100	100	109	103	5.32	105	104	0.139	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 6010C

Matrix: S

WorkOrder: 0312224

EPA Method: 6010C		Extraction: SW3050B			BatchID: 9632		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	109	111	1.41	80	120
%SS:	N/A	100	N/A	N/A	N/A	105	106	0.473	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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## QC SUMMARY REPORT FOR CA T22 CPT11 APPD XI

Matrix: S

WorkOrder: 0312224

EPA Method: CA T22 CPT11 APP		Extraction: CA T22 CPT11			BatchID: 9667		Spiked Sample ID: 0312227-002A			
	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
Lead	N/A	2.564	N/A	N/A	N/A	87.7	87.2	0.516	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.



0312224

**RUSH!**

**McCAMPBELL ANALYTICAL INC.**  
 110 2<sup>nd</sup> AVENUE SOUTH, #D7  
 PACHECO, CA 94553-5560  
 Telephone: (925) 798-1620 Fax: (925) 798-1622

**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:  
 Company: Shaw Environmental & Infrastructure, Inc.  
 4005 Port Chicago Highway  
 Concord, CA 94520  
 Tele: (925) 288-2103 Fax: (925) 827-2029  
 Project #: 844915.30000000 Project Name: SBC  
 Project Location: 2610 NORBRIDGE DRIVE, CASTRO VALLEY, CA  
 Sampler Signature:

Analysis Request										Other		Comments						
BTEX & TPH as Gas (/8020 + 8015)	TPH as Diesel (8015M)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	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	Organic Lead (Title 22)	Total Lead	MTBE / TAME / DIPE / TBA / ETBE / EDB / EDC (8260)	<b>EDF to Tuesdai Powers</b> tuesdai.powers@shawgrp.com Fax results to Rob Delnagro. Then mail results to Rob.

SAMPLE ID	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED							
		Date	Time			Water	Soil	Air	Sludge	Other	ICE	HCL	HNO3	OTHER				
CS-1	Stack #16	12/11	0845	1	Brass Sleeve		X					X						
CS-2							X					X						
CS-3								X				X						
CS-4								X				X						

Relinquished By: *[Signature]* Date: 12/11 Time: 1507 Received By: *[Signature]*  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_

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

*Completed  
12/11/11*