RO 2871

UNDERGROUND STORAGE TANK REMOVAL AND INSTALLATION REPORT SBC FACILITY 1612 SOLANO AVENUE ALBANY, CALIFORNIA

Prepared for:

SBC
2600 Camino Ramon, Room 3E200
San Ramon, California 94583

Prepared by:

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

Jack Bellan
Project Geologist

Sydney Geels
Program Manager/Quality Assurance

Shaw Project No. 844915.83

July 2004

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1.0 Introduction

On behalf of SBC, Shaw Environmental, Inc. (Shaw) was contracted to provide environmental consulting services during the removal of one 4,000-gallon diesel underground storage tank (UST) and associated piping from the SBC facility located at 1612 Solano Avenue in Albany, California (Figure 1). SBC's construction management contractor, Roebbelen Construction, subcontracted TAIT Environmental Systems, Inc. (TAIT) to provide and operate equipment to perform the UST removal. RHL Design Group, Inc. (RHL) was contracted to provide engineering and permitting services. UST removal work discussed in this report was completed in compliance with local and state regulatory requirements in May 2004.

1.1 Site Description

The SBC property is located in a commercial area of Albany, California. A two-story building used for personnel offices and housing of telecommunications equipment occupies the eastern portion of the site (Figure 2). West of the building was a 4,000-gallon diesel UST used for the fueling of the on-site emergency backup generator. As part of SBC's UST up-grade program, the UST was scheduled for removal and replacement with a new diesel UST currently installed to the north of the former 4,000-gallon diesel UST.

1.2 Permits

Prior to initiation of excavation activities, RHL obtained permits for the tank removal and installation from the Alameda County Health Care Services Agency (ACHCSA). Copies of the tank removal permits and state forms are included in Appendix A. Prior to removal of the tank, representatives of the Albany Fire Department and ACHCSA were scheduled to observe the tank removal activities.

2.0 UST Removal Field Activities

2.1 Tank Removal

On May 11, 2004, TAIT 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 May 12, 2004 the UST was triple rinsed by PSC Environmental Services Group (PSC) personnel using a fresh water/detergent mixture and a hot water pressure washer. The tank's

contents (diesel 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 107 gallons of rinsate were removed from the tank using a vacuum truck. The rinsate was then transported for disposal, under manifest number 23519569 to Romic Chemical Corporation in Palo Alto, California. A copy of the manifest for the rinsate is included in Appendix B.

On May 14, 2004, TAIT placed 200 pounds of dry ice inside of the diesel tank. The lower explosion limit (LEL) and percent oxygen were measured within the tank. Both the LEL and percent oxygen were measured to be below 10%. Upon authorization from Mr. Robert Weston of the ACHCSA, 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 number 22800368. A copy of the hazardous waste tank closure certification is included in Appendix C. A copy of the hazardous waste manifest and certificate of destruction for disposal of the tank and associated piping is presented in Appendix D.

No petroleum hydrocarbons odors or discoloration were noted within the in-situ or excavated soils. Groundwater was not encountered within the excavation.

2.2 Sampling Activities

On May 14, 2004, following removal of the tank, Shaw personnel collected a soil sample from the tank excavation under the direction and supervision of Mr. Robert Weston of the ACHCSA. Two soil samples, labeled TP-1 and TP-2, were collected from the base of the tank excavation, 2 feet into native soil, at depths of approximately 14 feet and 13 feet, respectively. The soil samples were collected, by pushing sample tubes into the soil, collected using the bucket of the backhoe, until full.

In order to evaluate soil disposal options, composite soil sample, labeled CS-1-4, was collected by pushing sample tubes into the 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. Copies of the chain of custody are included in Appendix E.

2.3 Sample Analyses

The samples were transported and submitted to McCampbell Analytical, Inc., an ELAP-certified laboratory located in Pacheco, California. The samples were analyzed for total petroleum hydrocarbons as diesel (TPH-D) under EPA method 8015 (modified) and for benzene, toluene, ethylbenzene, and xylenes (BTEX) constituents under EPA Method 8021B. The soil samples were further analyzed for the fuel oxygenates, methyl tertiary butyl ether (MTBE), 1,2-dibromoethane (EDB), and 1,2-dichloroethane (1,2-DCA) under EPA Method 8260B.

2.4 Soil Sample Analytical Results

TPH-D was detected in soil samples TP-1 and TP-2, collected from the tank excavation, at concentrations of 160 parts per million (ppm) and 1.4 ppm, respectively. TPH-D was also detected in soil sample CS-1-4, collected from the soil stockpile, at a concentration of 1.6 ppm. No other analytes were detected in any of the remaining soil samples. Soil sample analytical results are summarized in Table 1 and depicted in Figure 3. Copies of the laboratory analytical reports are included in Appendix E.

3.0 Site Restoration

Following completion of the UST removal activities, TAIT backfilled the tank excavation using stockpiled soil and clean imported fill material and then compacted. Site restoration activities were conducted by TAIT personnel independent of Shaw oversight.

4.0 UST Installation

TAIT installed a new 5,000-gallon double-walled steel with fiberglass coating UST north of the former UST. The UST contains diesel fuel for the emergency backup generator. UST installation activities were conducted by TAIT personnel independent of Shaw oversight.

5.0 Conclusions

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

- On May 12, 2004, the 4,000-gallon UST was rinsed and all rinsate was transported off-site for disposal.
- On May 14, 2004, the 4,000-gallon UST was removed and transported off-site for disposal.
- No soil staining or petroleum hydrocarbon odors were observed within the tank excavation or fill material during tank removal activities.
- Groundwater was not encountered within the excavation.
- TPH-D was detected in soil samples TP-1 and TP-2, collected from the tank excavation, at concentrations of 160 parts per million (ppm) and 1.4 ppm, respectively. No other analytes were detected in samples collected from the tank excavation.
- TPH-D was detected in soil sample, CS-1-4, collected from the soil stockpile, at a concentration of 1.6 ppm. No other analytes were detected in samples collected from the soil stockpile.

5.1 Reporting Requirements

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

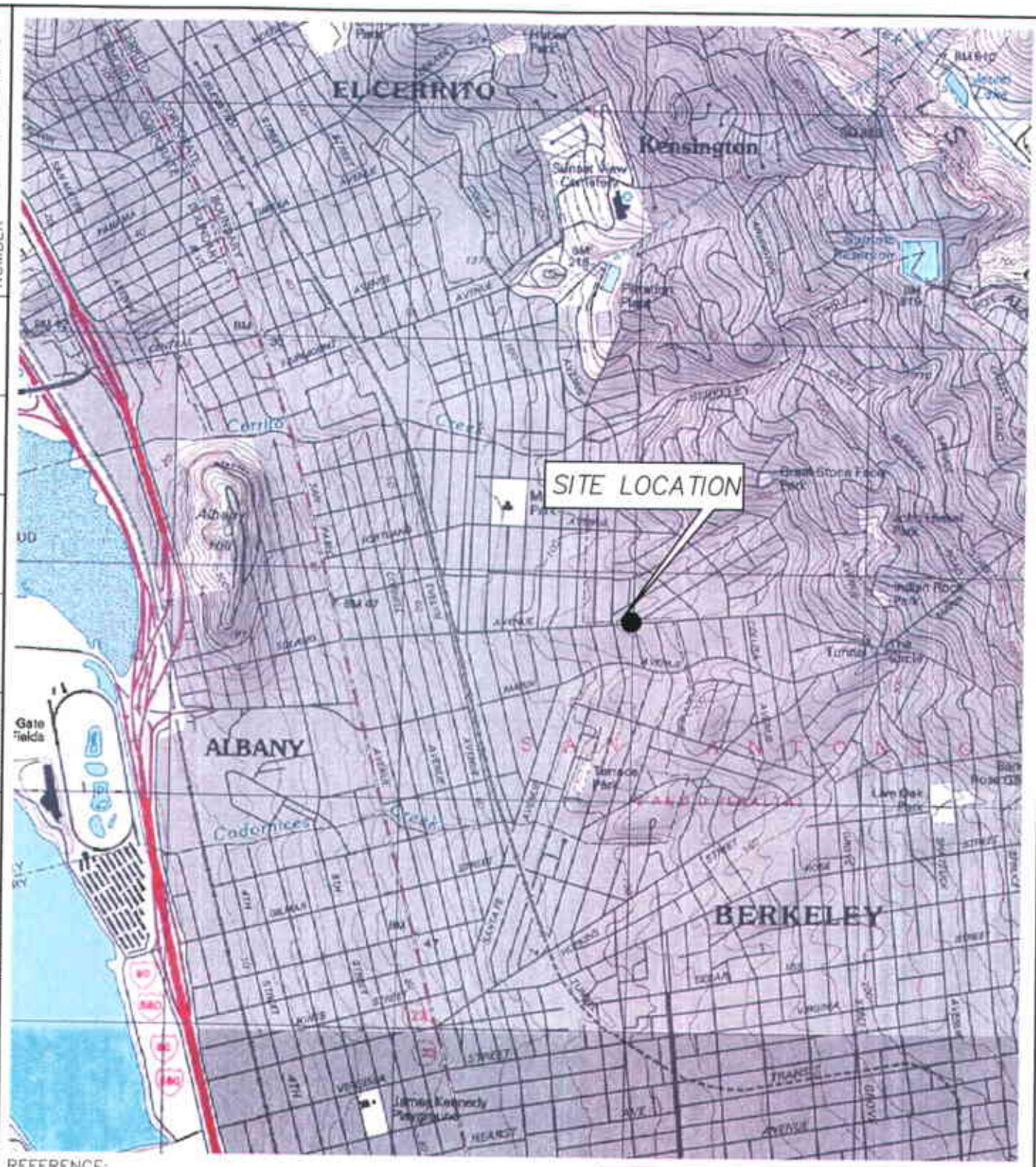
Mr. Robert Weston
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

TABLE 1
Soil Sample Analytical Results
SBC Facility
1612 Solano Avenue
Albany, California

Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-D	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	1,2-DCA
				(All results reported in parts per million)							
TP-1	Tank Excavation	14 feet	5/14/2004	**160**	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$
TP-2	Tank Excavation	13 feet	5/14/2004	**1.4**	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$
CS-1-4	Soil Stockpile	---	5/14/2004	**1.6**	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$

Notes:
bsg- below surface grade
TPH-D- total petroleum hydrocarbons as diesel
MTBE- methyl tertiary butyl ether
EDB- 1,2-dibromoethane
1,2-DCA- 1,2-dichloroethane
ND_x- not detected above "x" laboratory detection limits

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
-	---	Concord	RB 7/8/04			844915-A313



REFERENCE:
"TOPO!" 7.5' QUADRANGLE OF RICHMOND, CALIFORNIA, 1993

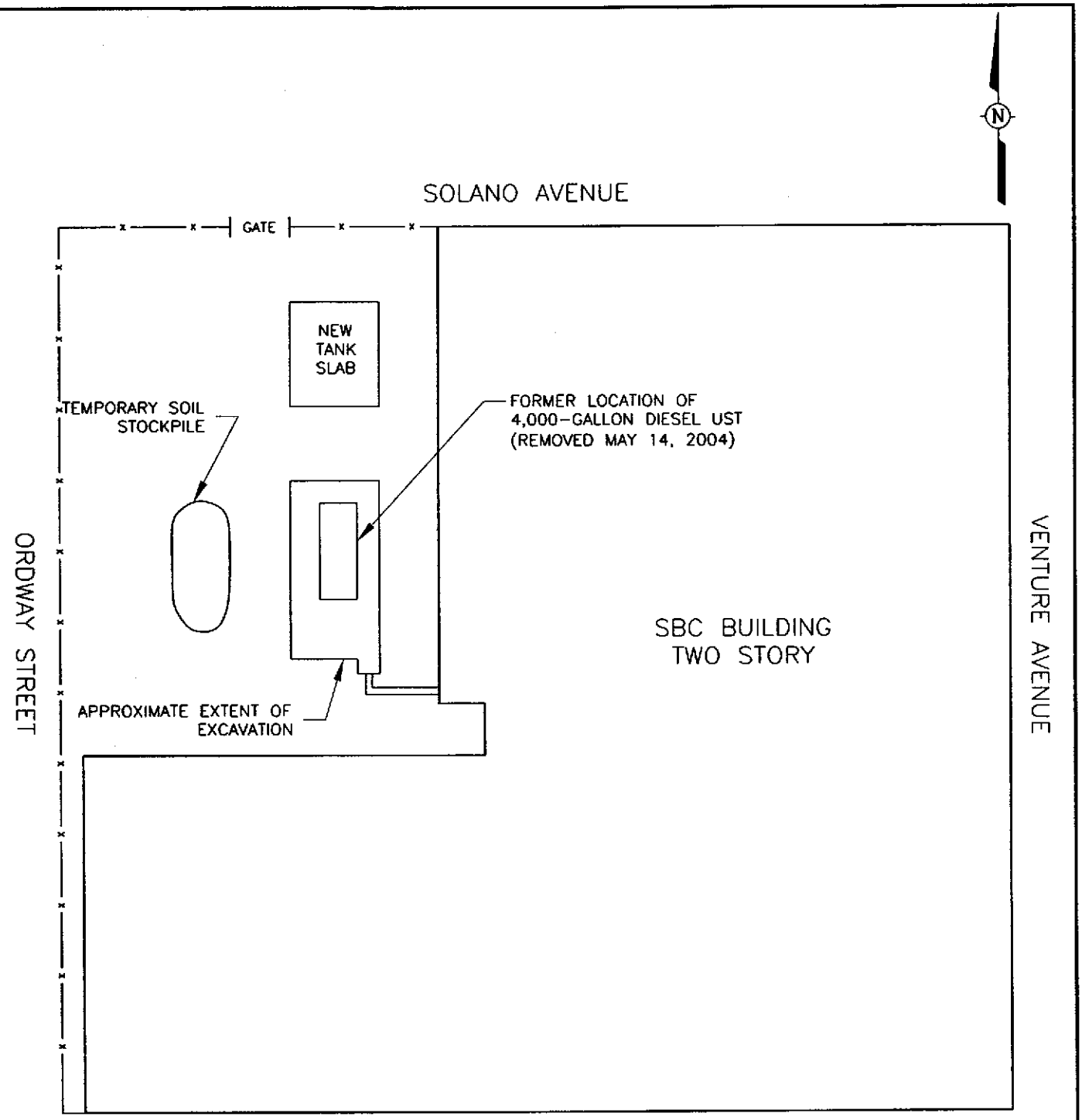
SCALE
0 2000 4000 FEET

Shaw
Shaw E & I, Inc.

SBC
SAN RAMON, CALIFORNIA

FIGURE 1

SITE VICINITY MAP
SBC FACILITY
1612 SOLANO AVENUE
ALBANY, CALIFORNIA



APPROXIMATE SCALE

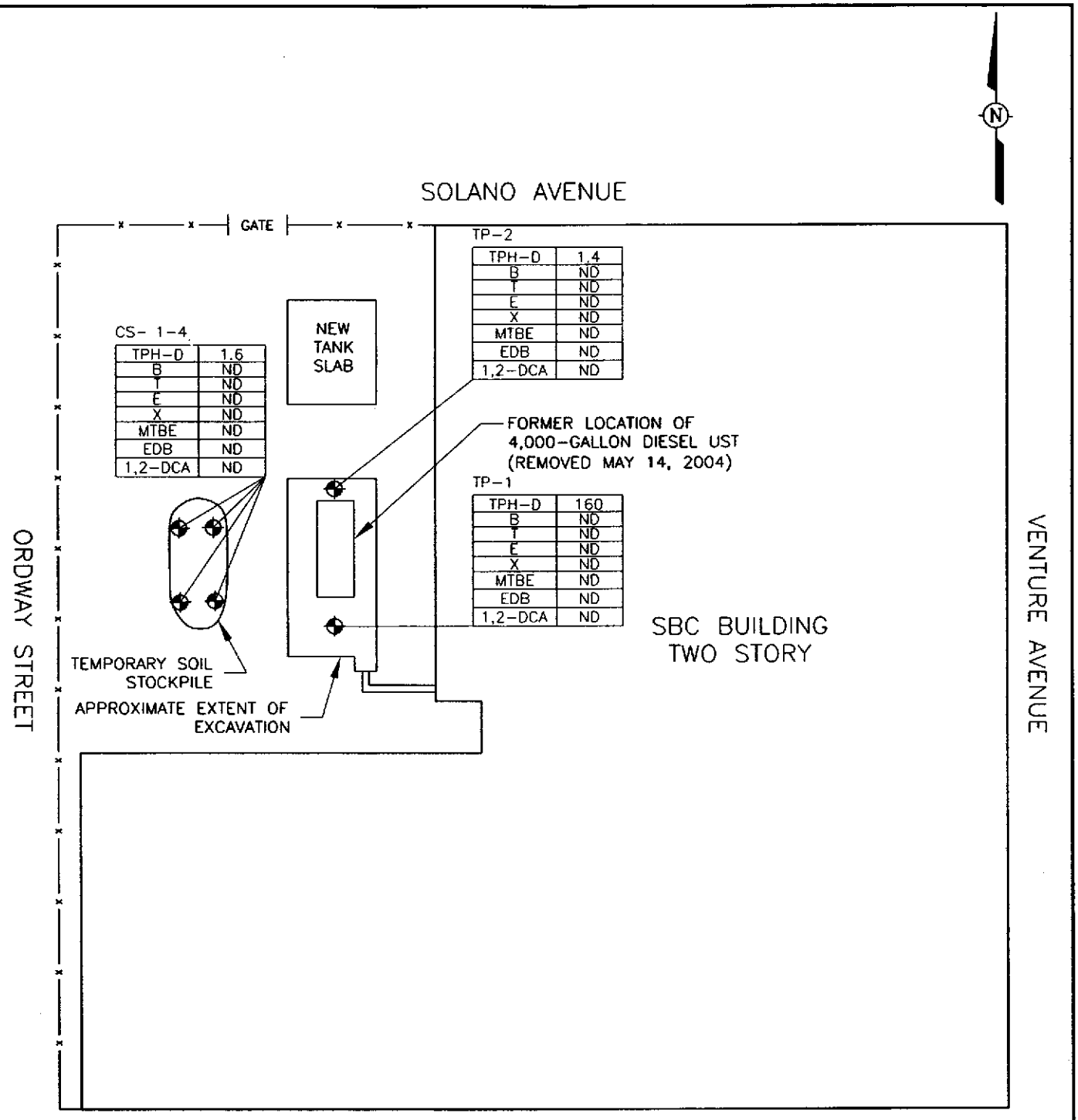
0 20 40 FEET

Shaw Shaw E & I, Inc.	SBC SAN RAMON, CALIFORNIA

FIGURE 2
SITE PLAN
SBC FACILITY
1612 SOLANO AVENUE
ALBANY, CALIFORNIA

IMAGE	X-REF	OFFICE	DRAWN BY		CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	Concord	RB	7/8/04			844915-A314

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE	X-REF	IMAGE
844915-A315			RB 7/8/04	Concord	---	---



LEGEND

⊕	SOIL SAMPLE LOCATIONS
TPH-D	TOTAL PETROLEUM HYDROCARBONS AS DIESEL
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
MTBE	METHYL TERT-BUTYL ETHER
EDB	1,2-DIBROMOETHANE
1,2-DCA	1,2-DICHLOROETHANE
ND	NOT DETECTED ABOVE METHOD LIMITS

ALL RESULTS REPORTED IN PARTS PER MILLION (ppm)

APPROXIMATE SCALE

0 20 40 FEET

Shaw™
Shaw E & I, Inc.

SBC
SAN RAMON, CALIFORNIA

FIGURE 3
SITE PLAN WITH SOIL SAMPLE ANALYTICAL RESULTS (MAY 14, 2004)
SBC FACILITY
1612 SOLANO AVENUE
ALBANY, CALIFORNIA

Appendix A

Tank Removal
Permits 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 250
Alameda, CA 94502-6577

These closure/removal plans have been reviewed 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 this Department and to the Fire and Building Inspections Department 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:

Robert Weston RW
Accepted October 28, 2003

See attached Table 2 for contaminate analysis

CONTRACTOR TO SIGN
TANK OWNER TO SIGN
PAGE 7 PRIOR TO WORK

UNDERGROUND STORAGE TANK CLOSURE PLAN

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

1. Name of Business SBC (Q2005) ALBYCA11

   Business Owner or Contact Person (PRINT) SBC ENVIRONMENTAL MANAGEMENT

2. Site Address 1612 SOLANO AVENUE

   City, State ALBANY, CA Zip 94707 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 (Q2005) ALBYCA11

   Business Name (if applicable) SBC

   Address 1612 SOLANO AVE.

   City, State ALBANY, CA Zip 94583 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 CAT080015290

6. Contractor Tait Environmental Management Inc.

   Address 11280 Trade Center Drive
   Rancho Cordova CA 95742

10-08-2003

A, B Hazardous Substance Removal
Contractor License #588098

City, State ___

License Type

7. Consultant (if applicable) RHL DESIGN GROUP - ROBERT FORLOINE
   Address 1137 N. McDOWELL BLVD.
   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 APPROX. 24'-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 BLVD.
       City, State RICHMOND, CA Zip 94801
    b) Product/Residual Sludge/Rinsate Disposal Site
       Name ROMIC CHEMICAL CORP. EPA I.D. No. CAD009452657
       Address 2081 BAY ROAD
       City, State EAST PALO ALTO, CA Zip 94303

c) Tank and Piping Transporter

Name ~~ECOLOGY~~ ECOLOGY CONTROL INDUSTRIES EPA I.D. No. CAD982030173

Hauler License No. 1533 License Exp. Date 10/31/03

Address 255 PARR BLVD.

City, State PACHECO, CA Zip 94553

d) Tank and Piping Disposal Site

Name ECOLOGY CONTROL INDUSTRIES EPA I.D. No. CAD982030173

Address 255 PARR BLVD.

City, State PACHECO, CA Zip 94553

11. Sample Collector

Name ROBERT DELNAGRO

Company SHAW ENVIROMENTAL

Address 4005 PORT CHICAGO HIGHWAY

City, State CONCORD, CA Zip 94520 Phone 925.288.2119

12. Laboratory

Name McCAMBELL ANALITICAL

Address 110 SECOND AVE 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 (See Instructions)

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 GROUNDWATER	SOIL SAMPLE WILL BE COLLECTED AT THE BASE OF THE EXCAVATION IN NATIVE SOIL. IF GROUND WATER IS PRESENT SOILS 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 YD^3	1 EACH -4 PART COMPOSITE SAMPLE FOR EVERY 50 YD^3 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 [X] 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.**

RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND TANK LEAKS

For Use by Unidocs Member Agencies or where approved by your Local Jurisdiction

TABLE #2

REVISED 1 MARCH 1999

HYDROCARBON LEAK	SOIL ANALYSIS (SW-846 METHOD)		WATER ANALYSIS (Water/Waste Water Method)	
Gasoline (Leaded and Unleaded)	TPHG	8015M or 8260	TPHG	8015M or 624.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
	TOTAL LEAD	AA	TOTAL LEAD	AA
		-- Optional --		
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
Unknown Fuel	TPHG	8015M or 8260	TPHG	8015M or 624.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
	TOTAL LEAD	AA	TOTAL LEAD	AA
		-- Optional --		
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
Diesel, Jet Fuel, Kerosene, and Fuel/Heating Oil	TPHD	8015M or 8260	TPHD	8015M or 624.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2-624 (8260) for water			
Chlorinated Solvents	CL HC	8260	CL HC	524.2/624 (8260)
	BTEX	8060 or 8021	BTEX	524.2/624 (8260) or 524.2/602 (8021)
Non-chlorinated Solvents	TPHD	8015M or 8260	TPHD	8015M or 624.2/624 (8260)
	BTEX	8060 or 8021	BTEX	524.2/624 (8260) or 524.2/602 (8021)
Waste, Used, or Unknown Oil	TPHG	8015M or 8260	TPHG	8015M or 624.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 624.2/624 (8260)
	O&G	9070	O&G	416.1
	BTEX	8260	BTEX	524.2/624 (8260)
	CL HC	8260	CL HC	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, and TBA by 8260 for soil and 524.2/624 (8260) for water			
	METALS (Cd, Cr, Pb, Ni, Zn) by ICAP or AA for soil and water			
	PCB*, PCP*, PNA, CREOSOTE by 8270 for soil and 524/625 (8270) for water			
	* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)			

NOTES:

1. 8021 replaces old methods 8020 and 8010
2. 8260 replaces old method 8240
3. Reference: Table B-1 in Appendix B of "Expedited Site Assessment Tools for Underground Storage Tank Sites: A Guide for Regulators" (EPA 510-B-97-001)

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	
DIESEL	EPA 3550	8015	1.0 mg/kg	SOIL
BTEX	EPA 5030	8020	0.005 mg/kg	
MTBE	EPA 5030	8260	5.0 mg/kg	
DIESEL	EPA 3550	8015	50 ug/L	WATER
BTEX	EPA 5030	8020	25 ug/L	
MTBE	EPA 5030	8260	1.0 ug/L	

SEE TABLE #2 ATTACHED

17. Submit Site Health and Safety Plan (See Instructions)

18. Submit copy of Worker's Compensation Certificate

Name of Insurer _____

19. Submit Plot Plan (See Instructions)

20. Enclose Fee (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, if applicable).

I declare that to the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Department of Environmental Health and that no work is to begin on this project until this closure plan has been approved.

I understand that any changes in design, materials, or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business TAIT ENVIRONMENTAL SYSTEMS

Name of Individual GARY NYGREN

Signature [signature] Date 3/3/04

[ ] PROPERTY OWNER OR [ ] MOST RECENT TANK OWNER (Check one)

Name of Business _____

Name of Individual _____

Signature _____ Date _____

UNIFIED PROGRAM CONSOLIDATED FORM
TANKS
UNDERGROUND STORAGE TANKS - FACILITY

(One page per site) Page 1 of 3

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

I. FACILITY/SITE INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
SBC

FACILITY ID# 1.

NEAREST CROSS STREET 401.
Venture Avenue

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

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

TOTAL NUMBER OF TANKS REMAINING AT SITE 404.
1

Is facility on Indian Reservation or trust lands? 405. ☐ Yes ☒ No

*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.
800-757-6575

MAILING OR STREET ADDRESS 409.
1612 Solano Ave

CITY 410.
Albany

STATE 411.
CA

ZIP CODE 412.
94707

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

III. TANK OWNER INFORMATION

TANK OWNER NAME 414.
SBC ENVIROMENTAL MANAGEMENT

PHONE 415.
800-757-6575

MAILING OR STREET ADDRESS 416.
PO BOX 5095, ROOM 3E000

CITY 417.
SAN RAMON

STATE 418.
CA

ZIP CODE 419.
94583-0995

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

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- 0 3 1 9 1 4 Call (916) 322-9669 if questions arise 421.

V. PETROLEUM UST FINANCIAL RESPONSIBILITY

INDICATE METHOD(s) 422. ☒ 1. SELF-INSURED ☐ 2. GUARANTEE ☐ 3. INSURANCE ☐ 4. SURETY BOND ☐ 5. LETTER OF CREDIT ☐ 6. EXEMPTION ☐ 7. STATE FUND ☐ 8. STATE FUND & CFO LETTER ☐ 9. STATE FUND & CD ☐ 10. LOCAL GOV'T MECHANISM ☐ 99. OTHER: _____

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. 423. ☐ 1. FACILITY ☐ 2. PROPERTY OWNER ☒ 3. TANK OWNER

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.
7/19/04

PHONE 425.
925-288-2103

NAME OF APPLICANT (print) 426.
Rob Delnagro

TITLE OF APPLICANT 427.
Agent for SBC

STATE UST FACILITY NUMBER (Agency use only) 428.
(See Data Element 1, above.

1998 UPGRADE CERTIFICATE NUMBER (Agency 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) 430.
☐ 1. NEW PERMIT ☐ 3. RENEWAL PERMIT ☐ 4. AMENDED PERMIT (Specify reason) ☐ 5. CHANGE OF INFORMATION Install 4K gallon thank (Specify reason) ☐ 6. TEMPORARY TANK CLOSURE ☐ 7. PERMANENTLY CLOSED ON SITE ☒ 8. TANK REMOVED

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
SBC

FACILITY ID: 1.

LOCATION WITHIN SITE (Optional) 431.
1612 Solano Ave., Albany, CA

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	If "Yes," complete one page for each compartment.
DATE INSTALLED (YEAR/MO) 435.	TANK CAPACITY IN GALLONS 436.	NUMBER OF COMPARTMENTS 437.
Unknown	4,000	N/A

ADDITIONAL DESCRIPTION (For local use only) 438.

II. TANK CONTENTS

TANK USE 439.
☒ 1. MOTOR VEHICLE FUEL (If checked, 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 GAS
☐ 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. SINGLE WALL IN A 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 COMPATIBLE W/100% METHANOL ☐ 99. OTHER: _____

TANK MATERIAL – secondary tank (Check one item only) 445.
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☒ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 9. FRP NON-CORRODABLE 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.

OTHER CORROSION PROTECTION (If Applicable) 448.
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN
☐ 2. SACRIFICIAL ANODE ☐ 4. IMPRESSED CURRENT ☐ 99. OTHER _____
DATE INSTALLED 449.

SPILL AND OVERFILL (Check all that apply) 450.
☒ 1. SPILL CONTAINMENT 2003
☒ 2. DROP TUBE 2003
☒ 3. STRIKER PLATE 2003

TYPE 451.

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452.
☒ 1. ALARM 2003 ☒ 3. FILL TUBE SHUT OFF VALVE - 2003
☐ 2. BALL FLOAT - N/A ☐ 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.	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456.	TANK FILLED WITH INERT MATERIAL? 457.
	_____ 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/ MANUFACTURER	☐ 1. SINGLE WALL	☐ 3. LINED TRENCH	☐ 99. OTHER	460.	☒ 1. SINGLE WALL	☐ 95. UNKNOWN		462.
	☒ 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	☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL
☒ 3. PLASTIC COMPATIBLE WITH CONTENTS	☐ 95. UNKNOWN	☐ 3. PLASTIC COMPATIBLE W/ CONTENTS	☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER
☒ 4. FIBERGLASS	☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER	☐ 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 (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS

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

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

☐ 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 (0.1 GPH)

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

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: 7/19/04 470.
NAME OF OWNER/OPERATOR (print): Rob Delnagro	TITLE OF OWNER/OPERATOR: Agent for SBC 472.

Permit Number (Agency use only) 473.	Permit Approved By (Agency use only) 474.	Permit Expiration Date (Agency use only) 475.

UNIFIED PROGRAM CONSOLIDATED FORM
TANKS
UNDERGROUND STORAGE TANKS – TANK PAGE 1

(Two pages per tank)

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

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
SBC

FACILITY ID: 1.

LOCATION WITHIN SITE (Optional) 431.
1612 Solano Ave., Albany, CA

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.
	MODERN WELDING	If "Yes," complete one page for each compartment.
DATE INSTALLED (YEAR/MO) 435.	TANK CAPACITY IN GALLONS 436.	NUMBER OF COMPARTMENTS 437.
05/2004	5,000	N/A

ADDITIONAL DESCRIPTION (For local use only) 438.

II. TANK CONTENTS

TANK USE 439.
☒ 1. MOTOR VEHICLE FUEL (If checked, 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 GAS
☐ 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. SINGLE WALL IN A 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 COMPATIBLE W/100% METHANOL ☐ 99. OTHER: _____

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

OTHER CORROSION PROTECTION (If Applicable) 448.
☐ 1. MANUFACTURED CATHODIC PROTECTION ☒ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN ☐ 99. OTHER _____
☐ 2. SACRIFICIAL ANODE ☐ 4. IMPRESSED CURRENT
DATE INSTALLED 449. 05/04

SPILL AND OVERFILL (Check all that apply) 450.
☒ 1. SPILL CONTAINMENT 2004
☒ 2. DROP TUBE 2004
☒ 3. STRIKER PLATE 2004

TYPE 451.

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452.
☒ 1. ALARM 2004 ☒ 3. FILL TUBE SHUT OFF VALVE 2003
☐ 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.	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456.	TANK FILLED WITH INERT MATERIAL? 457.
	_____ 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/ MANUFACTURER	☐ 1. SINGLE WALL	☐ 3. LINED TRENCH	☐ 99. OTHER	460.	☒ 1. SINGLE WALL	☐ 95. UNKNOWN		462.
	☒ 2. DOUBLE WALL	☐ 95. UNKNOWN			☐ 2. DOUBLE WALL	☐ 99. OTHER		
MANUFACTURER	WESTERN FIBERGLASS			461.	FLETCHER COATING			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	☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL
☐ 3. PLASTIC COMPATIBLE WITH CONTENTS	☐ 95. UNKNOWN	☐ 3. PLASTIC COMPATIBLE W/ CONTENTS	☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER
☐ 4. FIBERGLASS	☒ 8. FLEXIBLE (HDPE) ☐ 99. OTHER	☐ 4. FIBERGLASS	☐ 9. CATHODIC PROTECTION
☐ 5. STEEL W/COATING	☐ 9. CATHODIC PROTECTION 464.	☒ 5. STEEL W/COATING Welded pipe	☐ 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 (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS

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

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

☐ 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 (0.1 GPH)

☐ 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 468.

DATE INSTALLED

N/A

- ☐ 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 469.
- ☐ 5. TRENCH/LINER MONITORING
- ☒ 6. NONE

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: 7/19/2004 470.

NAME OF OWNER/OPERATOR (print): Rob Delnagro

TITLE OF OWNER/OPERATOR: Agent for SBC 472.

Permit Number (Agency use only) 473.	Permit Approved By (Agency use only) 474.	Permit Expiration Date (Agency use only) 475.

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS - INSTALLATION CERTIFICATE OF COMPLIANCE

(one page per tank)

Page ___ of ___

I. FACILITY IDENTIFICATION

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

ADDRESS *(For local use only)* 476
1612 SOLANO AVE, ALBANY, CA

FACILITY ID # 1 | TANK ID # 477

II. INSTALLATION

(Check all that apply)

- ☑ The installer has been trained and certified by the tank and piping manufacturers. 478
- ☐ The installation has been inspected and certified by a registered professional engineer having education and experience with underground storage tank installations. 479
- ☑ The installation has been inspected and approved by the Unified Program Agency. 480
- ☑ All work listed on the manufacturer's installation checklist has been completed. 481
- ☑ The installer has been certified or licensed by the Contractors' State License Board. 482
- ☑ The underground storage tank, any primary piping, and secondary containment was installed according to applicable voluntary consensus standards and written manufacturer's installation procedures. 483

Description of work being certified:
INSTALLATION OF (1) 5,000 GALLON DOUBLE WALL UNDERGROUND STORAGE TANK AND DOUBLE WALL FUEL PIPING UNDERGROUND

III. TANK OWNER/AGENT SIGNATURE

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

SIGNATURE OF TANK OWNER/AGENT
Gary Nygren / Agent for SBC

DATE 484
7/19/04

NAME OF TANK OWNER/AGENT *(print)* 485
GARY NYGREN Agent for OWNER

TITLE OF TANK OWNER/AGENT 486
TAIT ENVIRONMENTAL SYSTEMS

Appendix B

Hazardous Waste Manifest for Rinsate Disposal

...al California — ...vironmental Protection Agency
Approved O... ...e No. 2050-0039 (Expires 9-30-99)
Print or ty... *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

644444

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.
	CAT080015290085 17		

3. Generator's Name and Mailing Address
SBC
1612 SOLANO AVENUE
4. Generator's Phone ALBANY CA 94706 (510)772-8705

A. State Manifest Document Number: 23519569
B. State Generator's ID:
C. State Transporter's ID (Received):
D. Transporter's Phone: (800)800-7472
E. State Transporter's ID (Received):
F. Transporter's Phone: ( ) –
G. State Facility's ID:
H. Facility's Phone: (415) 324-1638

5. Transporter 1 Company Name: PHILLIP WEST INDUSTRIAL SERVICES
6. US EPA ID Number: CAR000084145
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address: Romic Environmental Technologies, 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	I. Waste Number
a. NON RCRA HAZARDOUS WASTE LIQUID	001	T	001510	G	State 133 RC; EPA/Other N/A
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
a) 330116-02 - WATER WITH DIESEL - DIR01 (1)

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

15. Special Handling Instructions and Additional Information
WEAR PROPER PROTECTIVE CLOTHING. EMERGENCY RESPONSE PHONE (800) 648-9931 (775) 575-2777.
Acceptance #210080P Profile #358681

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
Rick Kelley Agent for SBC	Rick Kelley Agent for SBC	05	12	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
REGGIE CHRISS	Reggie Chriss	05	12	04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
Per generator's approval (Rob Delnesro) on ~~Line~~ line 11A, box 13 total quantity offloaded was 107 gallons per Tom's manifest

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 Om;	T.O.	05	12	04

DO NOT WRITE BELOW THIS LINE.

8022A (1/99)
0700-22

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

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: PO Box 5095; RM 32000

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	746a	<10% 746b	746c	747a	<10% 747b	747c
	2	748	749a	749b	749c	750a	750b	750c
	3	751	752a	752b	752c	753a	753b	753c

III. CERTIFICATION

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 at the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF CERTIFIER: [signature]

NAME OF CERTIFIER (Print) 754: ROB DELNAGRO

TITLE OF CERTIFIER 755: AGENT FOR SBC

ADDRESS 756: 4005 Port Chicago Highway

CITY 757: Concord

PHONE 758: 925 288 2103

DATE 759: 5/14/04

CERTIFICATION TIME:

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

(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

TANK TO GO TO EC1 For Scrapping

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

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. CAT080015290 Manifest Document No. 00368

2. Page 1 of 1

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

A. State Manifest Document Number 22800368

3. Generator's Name and Mailing Address
SBC
P.O. BOX 5095; ROOM 3E000 SAN RAMON CA94583

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

5. Transporter 1 Company Name: ECOLOGY CONTROL INDUSTRIES

6. US EPA ID Number: CAD982030173

510-235-1393

7. Transporter 2 Company Name

8. US EPA ID Number

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

10. US EPA ID Number: CAD009466392

(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
a. NON RCRA HAZARDOUS WASTE SOLID (EMPTY STORAGE TANK PIPING)	001	CM	04000	P
b. ASSOCIATED piping				
c.				
d.				

21639

TANKS HAVE BEEN INERTED

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 #
24 HOUR EMERGENCY TELEPHONE NUMBER: 916-977-7777 32T/203
JW

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. Kdese	Stephen M. Kdese	05	14	04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
CESAR LEIVA	[signature]	05	14	04

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
James Wilcox	James Wilcox	05	14	04

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

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

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR · TRANSPORTER · FACILITY

FOR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

NO. 38737

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

CUSTOMER

JOB NO. SHAW (GBC)

1612 Solano Ave Albany, Ca

FOR: ECOLOGY CONTROL INC TANK NO. 31629

LOCATION: RICHMOND, CA DATE: 6/2/2004 TIME: 2:25:03 PM

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT 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 4,000 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 SUBJECT 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.

REPRESENTATIVE TITLE INSPECTOR James Wilcox

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
Website: www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.83000000; SBC 1612 Solano Ave, Albany CA	Date Sampled: 05/14/04
		Date Received: 05/14/04
	Client Contact: Rob Delnagro	Date Reported: 05/17/04
	Client P.O.:	Date Completed: 05/17/04

WorkOrder: 0405224

May 17, 2004

Dear Rob:

Enclosed are:

1). the results of **2** analyzed samples from your **#844915.83000000; SBC 1612 Solano Ave, Albany CA 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
Website: www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental	Client Project ID: #844915.83000000; SBC 1612 Solano Ave, Albany CA	Date Sampled: 05/14/04
4005 Port Chicago Hwy		Date Received: 05/14/04
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 05/14/04
	Client P.O.:	Date Analyzed: 05/14/04

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0405224

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TP-1	S	---	---	ND	ND	ND	ND	1	82.7
002A	TP-2	S	---	---	ND	ND	ND	ND	1	83.8

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 ~1 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

McCampbell Analytical, Inc.

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

Shaw Environmental	Client Project ID: #844915.83000000; SBC 1612 Solano Ave, Albany CA	Date Sampled: 05/14/04
4005 Port Chicago Hwy		Date Received: 05/14/04
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 05/14/04
	Client P.O.:	Date Analyzed: 05/14/04

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

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0405224

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0405224-001A	TP-1	S	160,c,g	10	89.6
0405224-002A	TP-2	S	1.4,g,b	1	97.0

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 ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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

Shaw Environmental	Client Project ID: #844915.83000000; SBC 1612 Solano Ave, Albany CA	Date Sampled: 05/14/04
4005 Port Chicago Hwy		Date Received: 05/14/04
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 05/14/04
	Client P.O.:	Date Analyzed: 05/14/04

Methyl tert-Butyl Ether, 1,2-Dibromoethane & 1,2-Dichloroethane*

Extraction method: SW5030B Analytical methods: SW8260B Work Order: 0405224

Lab ID	Client ID	Matrix	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (1,2-DCA)	Methyl-t-butyl ether (MTBE)	DF	% SS
001A	TP-1	S	ND	ND	ND	1	104
002A	TP-2	S	ND	ND	ND	1	102

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

* 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.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S WorkOrder: 0405224

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 11546 Spiked Sample ID: 0405213-013A

	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	99.7	101	0.815	98.4	99.2	0.814	70	130
MTBE	ND	0.10	94.2	93.4	0.882	89.4	94.6	5.65	70	130
Benzene	ND	0.10	102	103	1.46	97.8	104	5.64	70	130
Toluene	ND	0.10	89.2	89.6	0.425	85.9	91	5.73	70	130
Ethylbenzene	ND	0.10	108	110	1.53	107	114	6.32	70	130
Xylenes	ND	0.30	100	100	0	96.3	100	3.74	70	130
%SS:	106	0.10	96.6	94.1	2.62	96.2	104	7.79	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.

£ 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.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

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

QC SUMMARY REPORT FOR SW8015C

Matrix: S WorkOrder: 0405224

EPA Method: SW8015C Extraction: SW3550C BatchID: 11539 Spiked Sample ID: 0405197-018A

	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	95.6	96.6	1.04	104	98.6	5.24	70	130
%SS:	97.0	50	98.2	98.9	0.648	105	100	4.56	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.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

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

QC SUMMARY REPORT FOR SW8260B

Matrix: S WorkOrder: 0405224

EPA Method: SW8260B	Extraction: SW5030B			BatchID: 11501		Spiked Sample ID: 0405160-001A				
	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/Kg	µg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
1,2-Dibromoethane (EDB)	ND	50	92.2	88.9	3.64	98.4	93.2	5.40	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	97.5	99.9	2.38	110	95.5	13.7	70	130
Methyl-t-butyl ether (MTBE)	10.81	50	66.8, F1	63.5, F1	3.80	96.7	84.4	13.5	70	130
%SS1:	98.8	50	110	107	2.23	114	109	4.12	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

F1 = MS / MSD exceed acceptance criteria. LCS - LCSD validate prep batch.

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.

DHS Certification No. 1644

QA/QC Officer

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0405224 **ClientID: SHAW**

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

TEL: 925-288-9898
FAX: (925) 827-2029
ProjectNo: #844915.83000000; SBC 1612 Solano
PO:

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

Requested TAT: 1 day
Date Received: 5/14/04
Date Printed: 5/14/04

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
0405224-001	TP-1	Soil	5/14/04 11:00:00	☐	A	A	A												
0405224-002	TP-2	Soil	5/14/04 11:15:00	☐	A	A	A												

Test Legend:

1	G-MBTEX_S	2	MTBE_S	3	TPH(D)_S	4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Maria Venegas

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.

0405224

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: [X] 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 #: 844915.83000000 Project Name: SBC

Project Location: 1612 SOLANO AVENUE, ALBANY, CA

Sampler Signature: Stephen M. Helms

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
TP-1	14 feet	9/14	11:00	1	Brass Sleeve		X				X			
TP-2	13.6 feet	9/14	11:15	1	Brass Sleeve		X				X			

SAMPLE ID	BTEX & TPH as Gas (8020 + 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (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	Nitrate/Nitrite/Sulfate/Chloride/Fluoride	Total Lead	MTBE (8260)	EDB EDC 8260
TP-1		X				X												X	X
TP-2		X				X												X	X

Analysis Request | Other | Comments

Comments: EDF to Susan Waterman (susan.waterman@shawgrp.com) Fax results to Rob Delnagro. Then mail results to Rob.

Relinquished By:	Date:	Time:	Received By:
Stephen M. Helms	9/14	13:00	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

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

McCampbell Analytical, Inc.

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.83000000; SBC 1612 Solano Ave, Albany CA	Date Sampled: 05/14/04
		Date Received: 05/14/04
	Client Contact: Rob Delnagro	Date Reported: 05/17/04
	Client P.O.:	Date Completed: 05/17/04

WorkOrder: 0405223

May 17, 2004

Dear Rob:

Enclosed are:

1). the results of 1 analyzed sample from your **#844915.83000000; SBC 1612 Solano Ave, Albany CA 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

McCampbell Analytical, Inc.

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Website: www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental	Client Project ID: #844915.83000000; SBC 1612 Solano Ave, Albany CA	Date Sampled: 05/14/04
4005 Port Chicago Hwy		Date Received: 05/14/04
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 05/14/04
	Client P.O.:	Date Analyzed: 05/14/04

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0405223

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	CS-1-4	S	---	---	ND	ND	ND	ND	1	92.8

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 ~1 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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Website: www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #844915.83000000; SBC 1612 Solano Ave, Albany CA	Date Sampled: 05/14/04
		Date Received: 05/14/04
	Client Contact: Rob Delnagro	Date Extracted: 05/14/04
	Client P.O.:	Date Analyzed: 05/14/04

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

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0405223

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0405223-001A	CS-1-4	S	1.6,g	1	90.7

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 ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

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Shaw Environmental	Client Project ID: #844915.83000000; SBC 1612 Solano Ave, Albany CA	Date Sampled: 05/14/04
4005 Port Chicago Hwy		Date Received: 05/14/04
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 05/14/04
	Client P.O.:	Date Analyzed: 05/14/04

Methyl tert-Butyl Ether, 1,2-Dibromoethane and 1,2-Dichloroethane*

Extraction method: SW5030B Analytical methods: SW8260B Work Order: 0405223

Lab ID	Client ID	Matrix	Methyl-t-butyl ether (MTBE)	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (1,2-DCA)	DF	% SS
001A	CS-1-4	S	ND	ND	ND	1	99.0

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

* 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.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S WorkOrder: 0405223

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 11546 Spiked Sample ID: 0405213-013A

	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	99.7	101	0.815	98.4	99.2	0.814	70	130
MTBE	ND	0.10	94.2	93.4	0.882	89.4	94.6	5.65	70	130
Benzene	ND	0.10	102	103	1.46	97.8	104	5.64	70	130
Toluene	ND	0.10	89.2	89.6	0.425	85.9	91	5.73	70	130
Ethylbenzene	ND	0.10	108	110	1.53	107	114	6.32	70	130
Xylenes	ND	0.30	100	100	0	96.3	100	3.74	70	130
%SS:	106	0.10	96.6	94.1	2.62	96.2	104	7.79	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.

£ 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.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

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

QC SUMMARY REPORT FOR SW8015C

Matrix: S WorkOrder: 0405223

EPA Method: SW8015C	Extraction: SW3550C			BatchID: 11539		Spiked Sample ID: 0405197-018A				
	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	95.6	96.6	1.04	104	98.6	5.24	70	130
%SS:	97.0	50	98.2	98.9	0.648	105	100	4.56	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.

DHS Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

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

QC SUMMARY REPORT FOR SW8260B

Matrix: S WorkOrder: 0405223

EPA Method: SW8260B	Extraction: SW5030B			BatchID: 11501		Spiked Sample ID: 0405160-001A				
	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	87.4	83	5.23	88.3	83.9	5.20	70	130
Benzene	ND	50	103	100	2.37	106	96.8	8.77	70	130
t-Butyl alcohol (TBA)	ND	250	94.6	97.6	3.10	106	104	2.00	70	130
Chlorobenzene	ND	50	96.5	96.7	0.205	99.8	95.1	4.81	70	130
1,2-Dibromoethane (EDB)	ND	50	92.2	88.9	3.64	98.4	93.2	5.40	70	130
1,2-Dichloroethane (1,2-DCA)	ND	50	97.5	99.9	2.38	110	95.5	13.7	70	130
1,1-Dichloroethene	ND	50	79.9	79.7	0.232	87	80.5	7.82	70	130
Diisopropyl ether (DIPE)	ND	50	102	97.8	4.47	103	94.9	7.79	70	130
Ethyl tert-butyl ether (ETBE)	ND	50	95.6	90.1	5.92	96.5	89.2	7.90	70	130
Methyl-t-butyl ether (MTBE)	10.81	50	66.8, F1	63.5, F1	3.80	96.7	84.4	13.5	70	130
Toluene	ND	50	98.7	95.9	2.85	99.2	95	4.27	70	130
Trichloroethene	ND	50	82	79.4	3.23	88.4	76.6	14.4	70	130
%SS1:	98.8	50	110	107	2.23	114	109	4.12	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

F1 = MS / MSD exceed acceptance criteria. LCS - LCSD validate prep batch.

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.

DHS Certification No. 1644

QA/QC Officer

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0405223 **ClientID: SHAW**

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

TEL: 925-288-9898
FAX: (925) 827-2029
ProjectNo: #844915.83000000; SBC 1612 Solano
PO:

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

Requested TAT: **1 day**
Date Received: **5/14/04**
Date Printed: **5/14/04**

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
0405223-001	CS-1-4	Soil	5/14/04 8:00:00 AM	☐	A	A	A												

Test Legend:

1	G-MBTEX_S	2	MTBE_S	3	TPH(D)_S	4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Maria Venegas

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.

0405223

RUSH

McCAMPBELL ANALYTICAL INC.

110 2nd 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 #: 844915.83000000 Project Name: SBC
Project Location: 1612 SOLANO AVENUE, ALBANY, CA
Sampler Signature: Stephen M. Kelly

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 (/8020 + 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (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	Nitrate/Nitrite/Sulfate/Chloride/Fluoride	~~Total Lead~~ Pb Scavs added 5/11 5141	MTBE (8260)	Comments
CS-1	Stack	5/4	0800	1			X									X				X												X	Compost
CS-2	Pile	"	"	1			X									X				X												X	with one
CS-3	/	"	"	1			X									X				X												X	
CS-4	/	"	"	1	Brass Sleeve		X									X				X												X	

EDF to Susan Waterman (susan.waterman@shawgrp.com)
Fax results to Rob Delnagro.
Then mail results to Rob.

Relinquished By:	Date:	Time:	Received By:
Stephen M Kelly	5/4	1210	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

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