RO2588

UNDERGROUND STORAGE TANK REMOVAL REPORT SBC FACILITY 1189 58th AVENUE OAKLAND, CALIFORNIA

Prepared for:

SBC
370 Third Street; Room 130
San Francisco, California 94107

Prepared by:

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

Megan Curran
Project Scientist

Sydney Geels
Project Manager/Quality Assurance

Shaw Project No. 838819.35

October 2003

Amir
RO2588

RO 2587

UNDERGROUND STORAGE TANK REMOVAL REPORT SBC FACILITY 1189 58th AVENUE OAKLAND, CALIFORNIA

Prepared for:

SBC
370 Third Street; Room 130
San Francisco, California 94107

Prepared by:

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

Megan Curran
Project Scientist

Sydney Geels
Project Manager/Quality Assurance

Shaw Project No. 838819.35

October 2003

Table of Contents

List of Tables

List of Figures

List of Appendices

1.0 Introduction

On behalf of SBC (formerly Pacific Bell), Shaw Environmental, Inc. (Shaw) was contracted to provide environmental consulting services during the removal of one split-wall 12,000-gallon (8,000-gallon gasoline and 4,000-gallon diesel) underground storage tank (UST) and approximately 40 feet of piping from the SBC facility located at 1189 58th Avenue, Oakland, California (Figure 1). SBC's construction management contractor, Roebbelen Construction, Inc., subcontracted Balch Petroleum Contractors and Builders, Inc. (Balch) to provide and operate equipment to perform the UST removal, and TAIT & Associates to provide engineering and permitting services. UST removal work discussed in this report was completed in compliance with local and state regulatory requirements in July 2003.

1.1 Site Description

The SBC property is located in a commercial/light industrial and residential area of Oakland, California. A one-story building used for housing telecommunications equipment and offices occupies the northeastern portion of the site. A warehouse facility and carport occupy the northwestern portion of the site. A covered vehicle maintenance bay is centrally located on the property. The remainder of the site is paved and used for vehicle parking and equipment storage (Figure 2).

On the southeastern portion of the site was a 12,000-gallon split-wall UST used for fueling SBC fleet vehicles. The UST was divided into an 8,000-gallon compartment containing gasoline and a 4,000-gallon compartment containing diesel fuel. As SBC has decided to no longer operate the fleet fueling facility, the UST was scheduled for removal.

1.2 Permits

Prior to initiation of excavation activities, Tait obtained permits for the tank removal from the City of Oakland Fire Prevention Bureau (OFPB). A copy of the permit is included in Appendix A. Prior to removal of the tank, a representative of the OFPB was scheduled to observe the tank removal activities.

2.0 UST Removal Field Activities

2.1 Tank Removal

On February 7, 2003, the UST was triple rinsed by Philip Services Corporation personnel using a fresh water/detergent mixture and a hot water pressure washer. The tank's contents (gasoline and 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 200 gallons of rinsate were removed from the tank using a vacuum truck. The rinsate was then transported for disposal, under manifest number 22073405 to Romic Environmental Technologies in East Palo Alto, California. A copy of the manifest for the rinsate is included in Appendix B. The tank remained unused following triple rinsing.

On July 28, 2003, Balch 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 July 30, 2003, Shaw purged the fuel vapors from each compartment of the tank using a venturi blower connected in line with an air compressor. Following venting, 400 and 200 pounds of dry ice were placed inside the gasoline and the diesel compartments of the tank, respectively. After approximately 1 hour, the lower explosive level (LEL) and percent oxygen were measured within both tank compartments. LEL was recorded at below 1% for both compartments and percent oxygen was recorded at 19% for both compartments. Upon authorization from Mr. Hernan Gomez of the OFPB, 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 Ecology Control Industries (ECI) to their facility in Richmond, California for disposal under manifest number 22490553. A copy of the hazardous waste tank closure certification is included in Appendix C. A copy of the manifest and certificate of destruction for transport and disposal of the tank and associated piping is presented in Appendix D.

No petroleum hydrocarbon odors were observed during excavation activities. Light green staining was observed on soils in the vicinity of the former UST. Groundwater with a slight petroleum hydrocarbon sheen was encountered at approximately 9.5 feet below surface grade (bsg) in the excavation.

2.2 Sampling Activities

On July 30, 2003, Shaw personnel collected four soil samples from the tank excavation under the direction and supervision of Mr. Hernan Gomez of the OFPB. Four soil samples TP1-(9'), TP2-(9'), TP3-(9'), and TP4-(9') were collected from the side walls of the tank excavation at a depth of 9 feet bsg (2 feet into native soil at 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 sample was collected by pushing four 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. 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 samples were analyzed for total petroleum hydrocarbons as diesel (TPH-D) and total petroleum hydrocarbons as gasoline (TPH-G) under EPA method 8015 (modified). The samples were further analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX constituents) and for the fuel oxygenate methyl tertiary butyl ether (MTBE) under EPA method 8021B. The soil samples were also analyzed for total lead under EPA method 7010.

2.4 Soil Sample Analytical Results

TPH-D, TPH-G, BTEX constituents, and total lead were not detected in the laboratory analysis of any of the soil samples collected. MTBE was detected in one soil sample, TP3-(9'), at a concentration of 0.079 parts per million (ppm). Soil 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.

3.0 Dewatering Activities and Results

The excavation was dewatered on July 30, 2003, following removal of the UST. Groundwater was encountered in the excavation at a depth of approximately 9.5 feet bsg. A total of approximately 1,500 gallons of groundwater was removed from the excavation by ECI using a vacuum truck and transported off-site to Seaport Petroleum in Redwood City, California for disposal. A copy of the groundwater transport form is included in Appendix F.

Following dewatering, the excavation was allowed to recharge overnight. When Shaw and ECI personnel returned to the site on July 31, 2003, the groundwater had not appeared to fully recharge from the previous day's dewatering activities. ECI removed the remaining groundwater from the excavation and allowed the excavation to recharge for an additional 2.5 hours. The groundwater (approximately 1,100 gallons) was transported to Seaport Petroleum in Redwood City, CA for disposal (Appendix F).

Shaw personnel then collected a groundwater sample, labeled TP-W-1(07-03), from the excavation using a bailer. Groundwater was then transferred from the bailer into the appropriate containers, labeled, and placed in a cooler with ice for transport to McCampbell Analytical, Inc. under chain of custody. The sample was analyzed for TPH-D, TPH-G, BTEX, MTBE, and total lead.

Results of the laboratory analysis encountered TPH-D, TPH-G, and MTBE at concentrations of 190 parts per billion (ppb), 1,600 ppb, and 1,800 ppb, respectively. BTEX constituents were detected at the following concentrations: 51 ppb benzene; 300 ppb toluene; 32 ppb ethylbenzene; and 260 ppb xylenes. Total lead was detected in the groundwater sample at a concentration of 6.1 ppb. Groundwater analytical results from the dewatering activities are summarized in Table 2 and depicted in Figure 4. A copy of the laboratory analytical report and chain of custody form is included in Appendix E.

4.0 Site Restoration

Following completion of the UST removal activities, Balch backfilled the tank excavation using the soil stockpile and clean imported fill material and then compacted. Site restoration activities were conducted by Balch 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 February 7, 2003, both the diesel and gasoline compartments of the split-walled 12,000-gallon UST were emptied and rinsed, with the removed fuel and rinsate being transported off-site for disposal.
- On July 30, 2003, the split-walled 12,000-gallon UST was excavated and transported off-site for disposal.
- A soil sample collected from the southern side of the excavation contained MTBE at a concentration of 0.079 ppm. No other petroleum hydrocarbon analytes were detected in the soil samples collected.
- Groundwater was encountered within the excavation at 9.5 feet bsg.
- Approximately 2,600 gallons of groundwater was purged from the excavation and transported off-site for disposal.
- A confirmation groundwater sample, collected following dewatering, detected TPH-D, TPH-G, MTBE, and total lead at concentrations of 190 ppb, 1,600 ppb, 1,800 ppb, and 6.1 ppb, respectively.
- BTEX constituents were detected in the groundwater sample at the following concentrations: 51 ppb benzene; 300 ppb toluene; 32 ppb ethylbenzene; and 260 ppb xylenes.
- Approximately 350 cubic yards of stockpiled soil was used as backfill for the open tank excavation.

5.1 Reporting Requirements

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

Mr. Hernan Gomez
Oakland Fire Prevention Bureau
1605 Martin Luther King Way
Oakland, California 94612

TABLE 1
Soil Sample Analytical Results
SBC Facility
1189 58th Avenue
Oakland, California

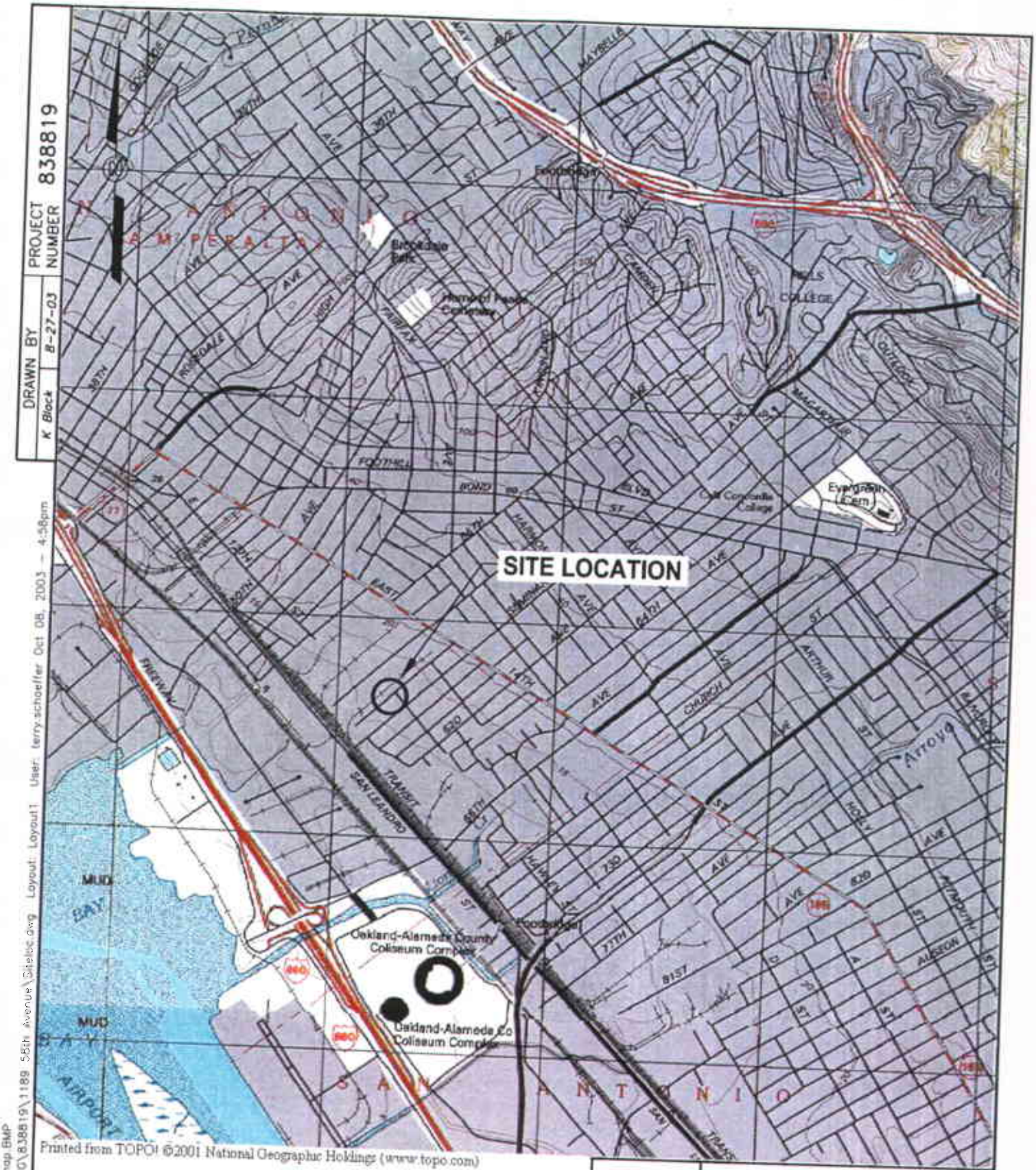
Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-D	TPH-G	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	Total Lead
				(all results reported in parts per million)							
TP1-(9')	north side of tank excavation	9 feet	07/30/03	$ND_{1.0}$	$ND_{1.0}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.05}$	$ND_{3.0}$
TP2-(9')	east side of tank excavation	9 feet	07/30/03	$ND_{1.0}$	$ND_{1.0}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.05}$	$ND_{3.0}$
TP3-(9')	south side of excavation	9 feet	07/30/03	$ND_{1.0}$	$ND_{1.0}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	**0.079**	$ND_{3.0}$
TP4-(9')	west side of excavation	9 feet	07/30/03	$ND_{1.0}$	$ND_{1.0}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.05}$	$ND_{3.0}$
CS(1-4)	soil stockpile	---	07/30/03	$ND_{1.0}$	$ND_{1.0}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.005}$	$ND_{0.05}$	$ND_{3.0}$

Notes:
bsg – below surface grade
TPH-D – total petroleum hydrocarbons as diesel
TPH-G – total petroleum hydrocarbons as gasoline
MTBE – methyl tertiary butyl ether
ND_x – not detected above "x" laboratory detection limits

TABLE 2
Groundwater Sample Analytical Results
SBC Facility
1189 58th Avenue
Oakland, California

Sample I.D.	Sample Location	Sample Depth (bsg)	Date Collected	TPH-D	TPH-G	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	Total Lead
				(all results reported in parts per billion)							
TP-W-1(07-03)	tank excavation	10 feet	07/31/03	190	1,600	51	300	32	260	1,800	6.1

Notes:
bsg – below surface grade
TPH-D – total petroleum hydrocarbons as diesel
TPH-G – total petroleum hydrocarbons as gasoline
MTBE – methyl tertiary butyl ether



DRAWN BY: K. Block 8-27-03
PROJECT NUMBER: 838819

XREF Files: IMAGE Files: TOPOImap.BMP
File: \\Sjostfp1\COMMON\cad\DWG\838819\1189 58th Avenue\Site1c.dwg Layout: Layout1 User: terry.schoeller Oct 08, 2003 - 4:58pm

SCALE
0 2000 4000 FEET

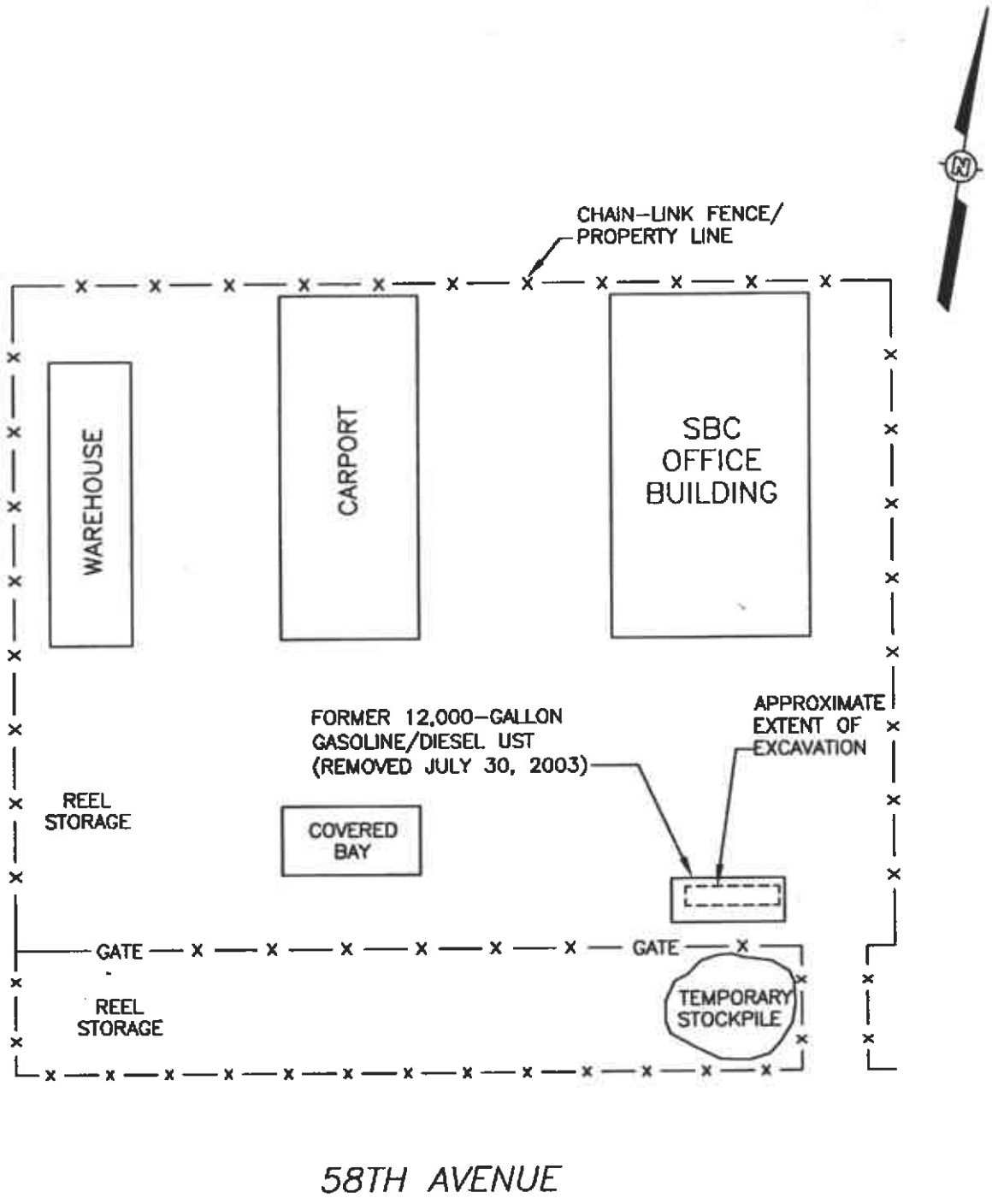
Shaw
Shaw E & I, Inc.

SBC FACILITY
OAKLAND, CALIFORNIA

FIGURE 1
SITE VICINITY MAP

1189 58TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NUMBER	838819
DRAWN BY	8-27-03
K Block	



SCALE

0 60 120 FEET

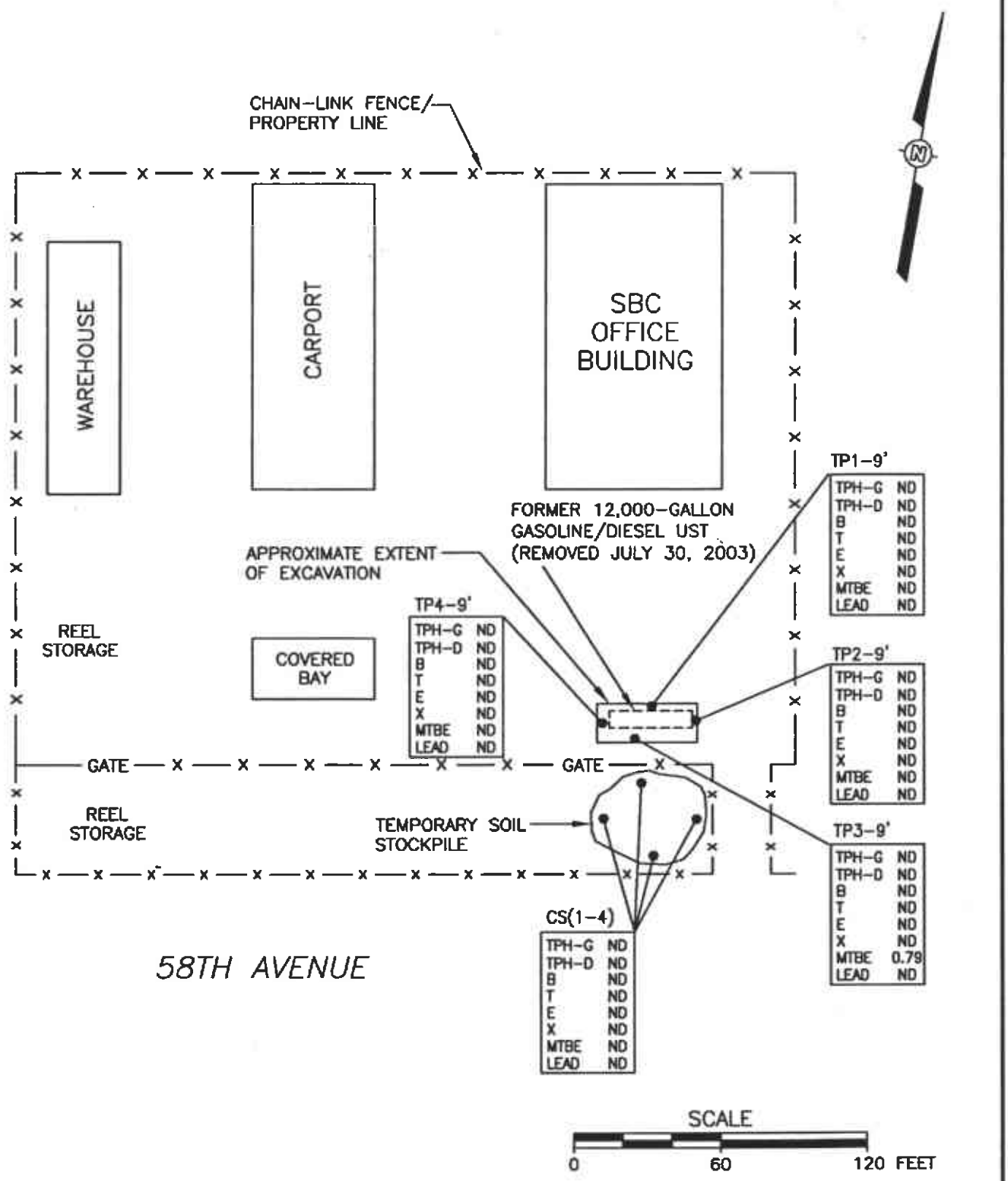
Shaw E&I, Inc.

SBC FACILITY
OAKLAND, CALIFORNIA

FIGURE 2
SITE PLAN

1189 58TH AVENUE
OAKLAND, CALIFORNIA

XREF Files: IMAGE Files:
File: X:\cad\DWG\838819\1189 58th Avenue\Site.dwg Layout: Layout1 User: Rob.delnegro Oct 13, 2003 - 12:49pm



LEGEND

- SOIL SAMPLE LOCATION (JULY 30, 2003)

TPH-G	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
TPH-D	TOTAL PETROLEUM HYDROCARBONS AS DIESEL
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
MTBE	METHYL TERTIARY BUTYL ETHER
ND	NOT DETECTED ABOVE METHOD LIMITS

ALL RESULTS REPORTED IN PARTS PER MILLION

Shaw E&I, Inc.

SBC FACILITY
OAKLAND, CALIFORNIA

FIGURE 3

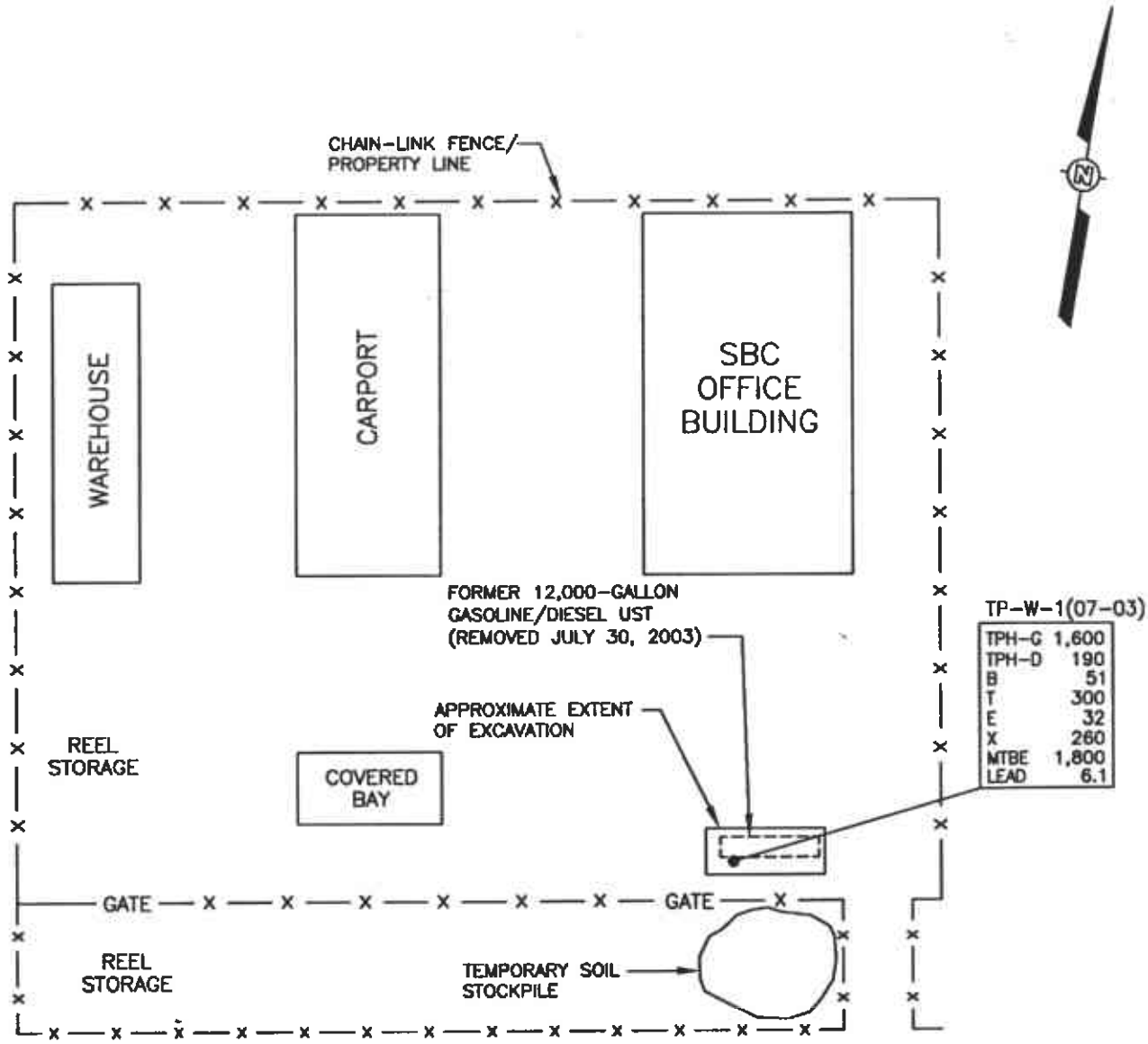
SOIL SAMPLE ANALYTICAL RESULTS
(JULY 30, 2003)
1189 58TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NUMBER 838819

DRAWN BY: K. Block 8-27-03

XREF Files: IMAGE Files:
File: X:\cad\DWG\a838419\1189 58th Avenue\Chem.dwg Layout: Layout1 User: Rob.delnagro Oct 17, 2003 - 9:17am

PROJECT NUMBER	838819
DRAWN BY	8-27-03
K Block	



SCALE

0 60 120 FEET

LEGEND

- GROUNDWATER SAMPLE LOCATION (JULY 31, 2003)

TPH-G	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
TPH-D	TOTAL PETROLEUM HYDROCARBONS AS DIESEL
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
MTBE	METHYL TERTIARY BUTYL ETHER
ND	NOT DETECTED ABOVE METHOD LIMITS

ALL RESULTS REPORTED IN PARTS PER BILLION

Shaw E&I, Inc.

SBC FACILITY
OAKLAND, CALIFORNIA

FIGURE 4

GROUNDWATER SAMPLE ANALYTICAL RESULTS
(JULY 31, 2003)
1189 58TH AVENUE
OAKLAND, CALIFORNIA

XREF Files: IMAGE Files:
File: X:\cad\DWG\838819\1189 58th Avenue\GWChem.dwg Layout: Layout1 User: Rob.delnagro Oct 13, 2003 - 1:13pm

Appendix A

Tank Removal Permit and State Forms

510-2? -7253 Hernan Gomez

City Of Oakland
FIRE PREVENTION BUREAU

250 Frank Ogawa Plaza, Ste. 3341
Oakland California 94612-2032
510-238-3851

Permit To Excavate And Install, Repair, Or Remove Inflammable Liquid Tanks

Oakland, California June 3, 2002

Tank Permit Number: 34-02

Permission Is Hereby Granted To:

Modify gasoline & diesel **Tank And Excavate Commencing:** **Feet Inside:** property **Line**

AMENDED 12/5/02 TO ALLOW FOR
On The: Removal 12/5/02

Site Address: 1189 58th Avenue **Present Storage:** gasoline & diesel

Owner: Pacific Bell Environmental **Address:** 2600 Camino Ramon Rd., San Ramon, 94583 **Phone:** (925) 823-616

Applicant: ~~Fuit & Associates~~ Beech Petroleum **Address:** ~~1001 Galaxy Way #301, Concord, 94520~~ 930 Ames Ave. Milpitas CA 95035 **Phone:** (925) 680-6300

Dimensions Of Street (sidewalk) Surface To Be Disturbed : X **No. Of Tanks** 2 **Capacity** 8,000 & 2,000 **Gallons, Each**

Remarks ~~Conditional - must submit: 1) contractor information, 2) workers comp cert, 3) site safety plan, 4) installation of 15 gal spill bucket~~

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flame To Be On Or Near Premises.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Type Of Inspection: UST Rem.

Inspected And Passed On: 7/30/03

By: H. Gomez

Approved: Sandra R. Michaelson
Fire Marshal

UST/AST Installations/modifications:

Pressure Test: Inspected By: _____ **Date:** _____

Primary Piping Test: Inspected By: _____ **Date:** _____

Inspection Fee Paid: $ 650.00

Received By: ok#13502 rec#0837950 Mac

Secondary Containment & Sump Testing:

Inspected By: _____ **Date:** _____

Final: Inspected By: _____ **Date:** _____

Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851

THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE

Distribution: White - Fire Prevention Bureau, Yellow - Contractor, Pink - Electrical Inspector

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

REGULATION 8, RULE 40 NOTIFICATION FORM

Check √ ☒ Removal or Replacement of Tanks
☐ Excavation of Contaminated Soil

SITE INFORMATION

Site Address 1189 58th Ave.

City, State Oakland, CA Zip 94621

Owner Name SBC

Specific location of project Center of property

Tank Removal

Scheduled startup date Wednesday, July 30, '03

Vapors removed by:

☒ Water wash

☒ Vapor freeing (CO^2)

☐ Ventilation

Indicate below if an A/C was obtained for tank replacement:
N/A - TANK NOT BEING REPLACED
Yes____ No____ If yes, A/C or P/O #____

Contaminated Soil Excavation

Scheduled Startup Date ____

Stockpiles will be covered? Yes____ No____

Indicate below the method used to comply with Regulation 8, Rule 40, Section 402.4:

Check (√) 8-40-301 ☐ 8-40-302 ☐ (permit required)

A/C or P/O #____

A/C = Authority to Construct P/O = Permit to Operate

What other public agency have you notified (e.g., Fire District, Hazardous Materials Department, City or County)?

Agency Oakland Fire Dept. Contact Herman Gomez Phone # (510) 238-7253

CONTRACTOR INFORMATION

BAAQMD #____

Name Balch Petroleum Contact Autumn Bakley

Address 930 Ames Avenue Phone (408) 942-9686 x104

City, State, Zip Milpitas, CA 95035

CONSULTANT INFORMATION (if applicable)

Name Shaw Environmental Contact Rob DelNagro

Address 4005 Port Chicago Hwy Phone (925) 288-2103

City, State, Zip Concord CA 94520

FOR OFFICE USE ONLY

Date Received Fax: Date Postmarked:

Inspector No.: Date: By____

Update: Contact Name Date: By____

Update: Contact Name Date: By____

R8R40FSI - 6.0 - 3/1/95 - blg - #7

See reverse for instructions

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS - FACILITY

(one page per site) Page ____ of ____

TYPE OF ACTION (check one item only) ☐ 1. NEW SITE PERMIT ☐ 3. RENEWAL PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 7. PERMANENTLY CLOSED SITE
☐ 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: PACIFIC BELL 1189 58Th AVENUE
FACILITY ID#:
NEAREST CROSS STREET 401: TEVIS STREET
BUSINESS TYPE 403: ☒ 1. GAS STATION ☐ 3. FARM ☐ 5. COMMERCIAL ☐ 2. DISTRIBUTOR ☐ 4. PROCESSOR ☐ 6. OTHER
FACILITY OWNER TYPE 402: ☒ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL GENCY/DISTRICT* ☐ 5. COUNTY AGENCY* ☐ 6. STATE AGENCY* ☐ 7. FEDERAL AGENCY*
TOTAL NUMBER OF TANKS REMAINING AT SITE 404: 0
Is facility on Indian Reservation or trustlands? 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: PACIFIC BELL ENVIRONMENTAL MANAGEMENT
PHONE 408: 925-823-6161
MAILING OR STREET ADDRESS 409: 2600 CAMINO RAMON SUIT 3E000K
CITY 410: SAN RAMON
STATE 411: CA
ZIP CODE 412: 94583
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: PACIFIC BELL ENVIRONMENTAL MANAGEMENT
PHONE 415: 925-823-6161
MAILING OR STREET ADDRESS 416: 2600 CAMINO RAMON SUIT 3E000K
CITY 417: SAN RAMON
STATE 418: CA.
ZIP CODE 419: 90702-6038
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 0 5 0 6 — 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 GOVT 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: Michael Van Allen
DATE 424: 11-13-02
PHONE 425: (925) 680-6800
NAME OF APPLICANT (print) 426: MICHAEL VAN ALLEN AGENT FOR OWNER
TITLE OF APPLICANT 427: PROJECT COORDINATOR
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)

Page ___ of ___

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

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As): PACIFIC BELL 1189 58TH AVENUE

FACILITY ID:

LOCATION WITHIN SITE (Optional) 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
	MODERN WELDING (EXISTING)	If "Yes", complete one page for each compartment.
DATE INSTALLED (YEAR/MO) 435	TANK CAPACITY IN GALLONS 436	NUMBER OF COMPARTMENTS 437
1994	8,000	TWO

ADDITIONAL DESCRIPTION (For local use only) 438

II. TANK CONTENTS

TANK USE 439

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

PETROLEUM TYPE 440

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

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

III. TANK CONSTRUCTION

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

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

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

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

DATE INSTALLED 447 (For local use only)

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

(For local use only)

SPILL AND OVERFILL (Check all that apply) 450
YEAR INSTALLED 450 TYPE (local use only) 451
☒ 1 SPILL CONTAINMENT 1994
☒ 2 DROP TUBE 1994
☒ 3 STRIKER PLATE 1994

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☒ 1 ALARM 1994
☒ 2 BALL FLOAT 1994
☒ 3 FILL TUBE SHUT OFF VALVE 1994
☐ 4 EXEMPT

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

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

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

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

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

UNIFIED PROGRAM CONSOLIDATED FORM

TANK

UNDERGROUND STORAGE TANKS – TANK PAGE 2

Page __ of

VI. PIPING CONSTRUCTION (Check all that apply)

UNDERGROUND PIPING

SYSTEM TYPE ☐ 1. PRESSURE ☒ 2. SUCTION ☐ 3. GRAVITY 458

CONSTRUCTION ☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460

MANUFACTURER ☒ 2. DOUBLE WALL ☐ 95. UNKNOWN

MANUFACTURER 461

☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE w/100% METHANOL

☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ Unknown

☐ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 99. Other

☒ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE)

☐ 5. STEEL W/COATING ☐ 9. CATHODIC PROTECTION 464

ABOVEGROUND PIPING

☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459

☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462

☐ 2. DOUBLE WALL ☐ 99. OTHER

MANUFACTURER 463

☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/100% METHANOL

☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL

☐ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER

☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION

☒ 5. STEEL W/COATING ☐ 95. UNKNOWN 465

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

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING (Check all that apply):

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

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

CONVENTIONAL SUCTION SYSTEMS

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

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUNDPIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

- ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

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

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☒ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

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

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

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING (Check all that apply):

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

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS (Check all that apply)

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM

☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

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

☐ 7. SELF MONITORING

GRAVITY FLOW (Check all that apply)

☐ 8. DAILY VISUAL MONITORING

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

- ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK DETECTOR

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

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

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

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT

DATE INSTALLED 468

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE

☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS

☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS

☐ 4. DAILY VISUAL CHECK

☐ 5. TRENCH LINER / MONITORING

☒ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge 470

SIGNATURE OF OWNER/OPERATOR: Michael Van Allen

DATE: 11-13-02 472

NAME OF OWNER/OPERATOR (print): MICHAEL VAN ALLEN AGENT FOR OWNER

TITLE OF OWNER/OPERATOR: PROJECT COORDINATOR

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

UNIFIED PROGRAM CONSOLIDATED FORM

UNDERGROUND STORAGE TANKS – TANK PAGE 1

TANKS

(two pages per tank)

Page ___ of ___

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

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As): PACIFIC BELL 1189 58TH AVENUE

FACILITY ID:

LOCATION WITHIN SITE (Optional):

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 #	TANK MANUFACTURER	COMPARTMENTALIZED TANK ☒ Yes ☐ No
TWO	MODERN WELDING (EXISTING)	If "Yes", complete one page for each compartment.
DATE INSTALLED (YEAR/MO)	**TANK CAPACITY IN GALLONS**	**NUMBER OF COMPARTMENTS**
1994	2,000	TWO

ADDITIONAL DESCRIPTION (For local use only):

II. TANK CONTENTS

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

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

COMMON NAME (from Hazardous Materials Inventory page):

CAS# (from Hazardous Materials Inventory page):

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
☒ 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
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER ___

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

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

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

SPILL AND OVERFILL (Check all that apply) — YEAR INSTALLED — TYPE (local use only)
☒ 1 SPILL CONTAINMENT 1994
☒ 2 DROP TUBE 1994
☒ 3 STRIKER PLATE 1994

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED
☒ 1 ALARM 1994
☒ 2 BALL FLOAT 1994
☒ 3 FILL TUBE SHUT OFF VALVE 1994
☐ 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)
☐ 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)
☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
☒ 2 CONTINUOUS INTERSTITIAL MONITORING
☐ 3 MANUAL MONITORING

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

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

UNIFIED PROGRAM CONSOLIDATED FORM

UNDERGROUND STORAGE TANKS – TANK PAGE 2

TANK

VI. PIPING CONSTRUCTION (Check all that apply)

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

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

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING (Check all that apply):

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

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

CONVENTIONAL SUCTION SYSTEMS

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

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUNDPIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS

☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION

☐ c. NO AUTO PUMP SHUT OFF

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

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

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

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

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING (Check all that apply):

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

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS (Check all that apply):

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM

☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

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

☐ 7. SELF MONITORING

GRAVITY FLOW (Check all that apply):

☐ 8. DAILY VISUAL MONITORING

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS

☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION

☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK DETECTOR

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

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

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

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

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

IX. OWNER/OPERATOR SIGNATURE

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

NATURE OF OWNER/OPERATOR	DATE 470
1-13-02	
OWNER/OPRATOR (print)	TITLE OF OWNER/OPERATOR 472
CHAEL VAN ALLEN AGENT FOR OWNER	PROJECT COORDINATOR
t Number (For local use only) 473	Permit Approved (For local use only) Permit Expiration Date (For local use only) 474

CF (1/99 revised)

Formerly SWRCB Form B

OAKLAND FIRE DEPARTMENT, OES
UNDERGROUND STORAGE TANK CLOSURE/REMOVAL FIELD INSPECTION REPORT

Site Address: 1189 58th Ave.	Name of Facility: Pac Bell (SBC)
Inspector: H. Gomez	Contact on site: Shaw
Date and Time of Arrival: 10:4	Contractor/Consultant: Baleh / Shaw (408) 947 8686

General Requirements	Yes	No	N/A
Approved closure plan on site.			
Changes to approved plan noted.			
Residuals properly stored/transported.			
Receipt for adequate dry ice noted.			

General Requirements	Yes	No	N/A
Site Safety Plan properly signed.	✓		
40B:C fire extinguisher on site.	✓		
"No Smoking" signs posted.	✓		
Gas detector challenged by inspector.	✓		

Tank Observations	T #1	T #2	T #3	T #4
Tank Capacity (gallons)	8 K	4 K		
Material last stored	Diesel	Gasoline	Gas	Diesel
Dry ice used (pounds)	40 lbs	0 lbs		
Combustible gas concentration as %LEL. *(Note time & sampling point)*				
(1)	0	1		
(2)				
(3)				
Oxygen concentration as % volume. *(Note time & sampling point)*				
(1)	19.0	19.0		
(2)				
(3)				
Tank Material	FG			
Wrapping/Coating, if any				
Obvious holes?	N			

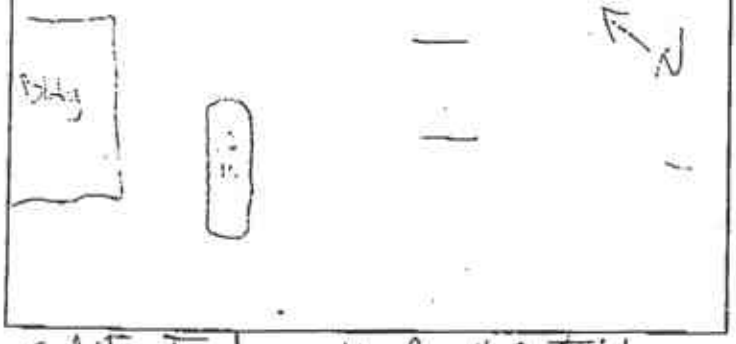
Tank Observations	T #1	T #2	T #3	T #4
Obvious corrosion?	N			
Obvious odors from tank?	N			
Seams intact?	Y			
Tank bed backfill material	S			
Obvious discoloration?	N			
Obvious odors ex tank bed?	N			
Water in excavation?	Y			
Sheen/product on water?	N			
Tank tagged by transporter?	Y			
Tank wrapped for transport?	N			
Tank plugged w/ vent cap?	Y			Y
Date/time tank hauled off?	11:30	7/30/03		
No. of soil samples taken?	4			
Depth of soil samples (ft. bgs)	12'			

Piping Removal	Yes	No	N/A
All piping removed hauled off w/ tanks?	✓		
Obvious holes on pipes?			✓
Obvious odors from pipes?			✓
Obvious soil discoloration in piping trench?			✓
Obvious odors from piping trench?			✓
Water in piping trench?			✓
Number & depth of soil samples from piping trench?			✓
Number & depth of water samples from piping trench?			✓

General Observations	Yes	No	N/A
Leak from any tank suspected?		✓	
"Leak Report" form given to the operator?			✓
Obviously contaminated soil excavated?	✓		
Soil stockpile sampled?			✓
Stockpile lined AND covered?			✓
Water in excavation sampled?	✓		
Number/depth of water samples taken?	10		
All samples properly preserved for transport?	✓		

Additional Observations	Yes	No	N/A
Soil/water sampling protocols acceptable?	✓		
Sampling "chain of custody" noted?	✓		
Tank pit filled in or covered?	✓		
Tank pit fenced or barricaded?	✓		
Transporter a registered HW hauler?	✓		
Uniform HW Manifest completed?	✓		
Contractor/Consultant reminded of complete UST Removal Report due within 30 days?	✓		
Date/Time removal/closure operations completed? 7/30/03	11:00 a.m.		
OT hours or additional charges due from contractor?			✓

SITE & SAMPLING DIAGRAM



Notes/Comments: UST empty + 3 rinsed - Split Tank - High H2O table - UST contents removed previously - Top End

Appendix B

Hazardous Waste Manifest for Rinsate Disposal

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

See Instructions on back of page 6.

610218

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.
CAT080018971841 12			

GENERATOR

3. Generator's Name and Mailing Address
PACIFIC BELL
PO BOX 5095, ROOM 3E000
SAN RAMON CA 94583 ( ) -

A. State Manifest Document Number: 2073405
B. State Generator's ID:

4. Generator's Phone

5. Transporter 1 Company Name: PHILIP TRANSPORTATION & REMEDIATION INC.
6. US EPA ID Number: CAD063547996
C. State Transporter's ID (Reserved):
D. Transporter's Phone: (800)321-1030

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: Romic Environmental Technologies, 2081 Bay Road, East Palo Alto, CA 94303
10. US EPA ID Number: CAD009452657
G. State Facility's ID:
H. Facility's Phone: (415) 324-1638

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	15. Waste Number
a. WASTE FLAMMABLE LIQUIDS, N.O.S. (GASOLINE, DIESEL), 3 UN1993 PGI RQ (D001) ERG#(128)	001	T T	001200	G	State 213 EPA/Other D001
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: a) 559803-00 D018 - TANK FUEL AND RINSE WATER - DIRO1
K. Handling Codes for Wastes Listed Above: a. 01 b. c. d.

15. Special Handling Instructions and Additional Information
SITE: PACIFIC BELL 1189 58TH AVENUE OAKLAND CA 94606

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
Leonard J. Mas...		02	07	13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Lys Hazlett		02	07	13

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Tim Omi		02	07	13

DO NOT WRITE BELOW THIS LINE.

...C 8022A (1/99)
EPA 8700-22

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

Appendix C

Hazardous Waste Tank Closure Certification

UNIFIED PROGRAM CONSOLIDATED FORM

HAZARDOUS WASTE

HAZARDOUS WASTE TANK CLOSURE CERTIFICATION

Page ___ of ___

I. FACILITY IDENTIFICATION

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

FACILITY ID#:

TANK OWNER NAME (740): SBC

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

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

II. TANK CLOSURE INFORMATION

TANK INTERIOR ATMOSPHERE READINGS	Tank ID # (Attach additional copies of this page for more than three tanks)	Concentration of Flammable Vapor			Concentration of Oxygen		
		Top	Center	Bottom	Top	Center	Bottom
1	1 (745)	746a	< 1% (746b)	746c	747a	19% (747b)	747c
2	748	749a	749b	749c	750a	750b	750c
3	751	752a	752b	752c	753a	753b	753c

III. CERTIFICATION

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

SIGNATURE OF CERTIFIER: Megan Curran

NAME OF CERTIFIER (Print) (754): Megan Curran

TITLE OF CERTIFIER (755): Project Scientist

ADDRESS (756): 4005 Port Chicago Highway

CITY (757): Concord, CA 94520

PHONE (758): 925-288-2109

DATE (759): 07/30/03

CERTIFICATION TIME: 11:30 am

STATUS OR AFFILIATION OF CERTIFYING PERSON (760)

Certifier is a representative of the CUPA, authorized agency, or LIA:

☐ Yes ☒ No

Name of CUPA, authorized agency, or LIA (761):

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

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

TANK PREVIOUSLY HELD FLAMMABLE OR COMBUSTIBLE MATERIALS (763)

(If yes, the tank interior atmosphere shall be re-checked with a combustible gas indicator prior to work being conducted on the tank.)

☒ Yes ☐ No

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

Scrap metal

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

Appendix D

Hazardous Waste Manifest and Certificate of Destruction for the UST

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

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAT080018911 — Manifest Document No. 9015513
2. Page 1 of 1
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 CA94583

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

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

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

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

A. State Manifest Document Number: 22490553
B. State Generator's ID: HYEF360101991
C. State Transporter's ID (Reserved)
D. Transporter 1 Phone: 510-235-1393
E. State Transporter's ID (Reserved)
F. Transporter 2 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)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
NON RCRA HAZARDOUS WASTE SOLID WASTE EMPTY STORAGE TANK	001	TP	15000	P
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above
QTY. EMPTY STORAGE TANK # 307816
TANKS HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY

K. Handling Codes for Wastes Listed Above
01

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 # ~~307034~~ 52T060 JW
24 HOUR EMERGENCY TELEPHONE NUMBER: 916-977-7777

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
ROB DELWAGRO	(for SBC)	07	30	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Mike Thompson		07	30	03

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	07	31	03

GENERATOR
TRANSPORTER
FACILITY

DO NOT WRITE BELOW THIS LINE.

8022A (1/99)
A 8700-22

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

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 38017

CUSTOMER

JOB NO: 52T0660
SHAW

Site: 1189 58th Ave.
Oakland, CA

FOR: ECOLOGY CONTROL IND TANK NO. 30876

LOCATION: RICHMOND, CA DATE: 8/4/2003 TIME: 4:41:54

ST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UNLEADED GAS / DIESEL

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

TANK SIZE 12,000 GAL CONDITION SAFE FOR FIRE

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

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

STANDARD SAFETY DESIGNATION

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

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

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

James Wilcox
REPRESENTATIVE

TITLE

INSPECTOR

CP5995

Appendix E

Laboratory Reports and Chain of Custody Forms

McCampbell Analytical Inc.

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

Shaw Environmental	Client Project ID: #838819; PB-Oakland	Date Sampled: 07/30/03
4005 Port Chicago Hwy		Date Received: 07/30/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Reported: 07/31/03
	Client P.O.:	Date Completed: 07/31/03

WorkOrder: 0307513

July 31, 2003

Dear Rob:

Enclosed are:

1). the results of **5** analyzed samples from your **#838819; PB-Oakland project,**

2). a QC report for the above samples

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

4). a bill for analytical services.

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

Yours truly,

Angela Rydelius, Lab Manager

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

Shaw Environmental	Client Project ID: #838819; PB-Oakland	Date Sampled: 07/30/03
4005 Port Chicago Hwy		Date Received: 07/30/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 07/30/03
	Client P.O.:	Date Analyzed: 07/30/03-07/31/03

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0307513

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TP1-(9')	S	ND	ND	ND	ND	ND	ND	1	99.4
002A	TP2-(9')	S	ND	ND	ND	ND	ND	ND	1	99.1
003A	TP3-(9')	S	ND	0.079	ND	ND	ND	ND	1	97.3
004A	TP4-(9')	S	ND	ND	ND	ND	ND	ND	1	94.7
005A	CS(1-4)	S	ND	ND	ND	ND	ND	ND	1	96.2
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	NA	NA	NA	NA	NA	NA	1	ug/L
		S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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

Shaw Environmental	Client Project ID: #838819; PB-Oakland	Date Sampled: 07/30/03
4005 Port Chicago Hwy		Date Received: 07/30/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 07/30/03
	Client P.O.:	Date Analyzed: 07/30/03

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

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0307513

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0307513-001A	TP1-(9')	S	ND	1	94.6
0307513-002A	TP2-(9')	S	ND	1	95.4
0307513-003A	TP3-(9')	S	ND	1	97.8
0307513-004A	TP4-(9')	S	ND	1	98.3
0307513-005A	CS(1-4)	S	ND	1	98.5

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

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

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

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

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

Shaw Environmental	Client Project ID: #838819; PB-Oakland	Date Sampled: 07/30/03
4005 Port Chicago Hwy		Date Received: 07/30/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 07/30/03
	Client P.O.:	Date Analyzed: 07/30/03

Lead by ICP*

Extraction method: SW3050B Analytical methods: SW7010 Work Order: 0307513

Lab ID	Client ID	Matrix	Extraction	Lead	DF	% SS
0307513-001A	TP1-(9')	S	TTLC	ND	1	N/A
0307513-002A	TP2-(9')	S	TTLC	ND	1	N/A
0307513-003A	TP3-(9')	S	TTLC	ND	1	N/A
0307513-004A	TP4-(9')	S	TTLC	ND	1	N/A
0307513-005A	CS(1-4)	S	TTLC	ND	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	NA	mg/L
	S	TTLC	3.0	mg/Kg

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

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

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

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

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: S WorkOrder: 0307513

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 8013 Spiked Sample ID: 0307511-006A

	Sample	Spiked	MS*	MSD*	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex)£	ND	0.60	104	105	1.44	98.8	112	12.7	70	130
MTBE	ND	0.10	82.1	88.2	7.15	106	106	0	70	130
Benzene	ND	0.10	92.2	88.6	3.91	94.6	99.7	5.26	70	130
Toluene	ND	0.10	92.9	89.9	3.21	86.8	92.3	6.19	70	130
Ethylbenzene	ND	0.10	93	90.7	2.43	95	95.7	0.772	70	130
Xylenes	ND	0.30	94.7	94.3	0.353	83.7	87.7	4.67	70	130
%SS:	97.0	100	90	86.9	3.46	96.3	102	6.00	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.

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

QC SUMMARY REPORT FOR SW8015C

Matrix: S WorkOrder: 0307513

EPA Method: SW8015C Extraction: SW3550C BatchID: 8014 Spiked Sample ID: 0307509-017A

	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	91	92.2	1.25	96.7	95.5	1.29	70	130
%SS:	94.9	100	98.3	100	1.80	92.1	91.4	0.759	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.

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

QC SUMMARY REPORT FOR SW7010

Matrix: S WorkOrder: 0307513

EPA Method: SW7010	Extraction: SW3050B	BatchID: 8012	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	500	N/A	N/A	N/A	112	116	3.70	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.

0307513

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:** same

Company: Shaw Environmental & Infrastructure, Inc.
4005 Port Chicago Highway
Concord, CA 94520

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

Project #: 873819 **Project Name:** PB-Oakland

Project Location: 1189 58th Avenue, Oakland, CA

Sampler Signature: Megan Lucia

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
TP1-(9')	North Sidewall	7/30/03	11:40	1	Brass		X				X			
TP2-(9')	East Sidewall		11:54	1	Brass		X				X			
TP3-(9')	South Sidewall		12:35	1	Brass		X				X			
TP4-(9')	west Sidewall		12:00	1	Brass		X				X			
not used														
CS(1-4)			12:45	4	Brass		X				X			

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

Relinquished By:	Date:	Time:	Received By:
[signature]	07/30/03	4:30	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB PERSERVED IN LAB

PRESERVATION APPROPRIATE CONTAINERS ✓

VOAS	O&G	METALS	OTHER

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0307513

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

TEL: 925-288-2190
FAX: (925) 827-2029
ProjectNo: #838819; PB-Oakland
PO:

Date Received: **7/30/03**
Date Printed: **7/30/03**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests						
					SW7010	SW8015C	W8021B/8015C				
0307513-001	TP1-(9')	Soil	7/30/03 11:40:00 AM	☐	A	A	A				
0307513-002	TP2-(9')	Soil	7/30/03 11:54:00 AM	☐	A	A	A				
0307513-003	TP3-(9')	Soil	7/30/03 12:35:00 PM	☐	A	A	A				
0307513-004	TP4-(9')	Soil	7/30/03 12:00:00 PM	☐	A	A	A				
0307513-005	CS(1-4)	Soil	7/30/03 12:45:00 PM	☐	A	A	A				

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.

McCampbell Analytical Inc.

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #638819.35; PB-Oakland	Date Sampled: 07/31/03
		Date Received: 07/31/03
	Client Contact: Rob Delnagro	Date Reported: 08/01/03
	Client P.O.:	Date Completed: 08/01/03

WorkOrder: 0307534

August 01, 2003

Dear Rob:

Enclosed are:

1). the results of 1 analyzed sample from your **#638819.35; PB-Oakland 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.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

Shaw Environmental	Client Project ID: #638819.35; PB-Oakland	Date Sampled: 07/31/03
4005 Port Chicago Hwy		Date Received: 07/31/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 07/31/03
	Client P.O.:	Date Analyzed: 07/31/03

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0307534

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TP-W-1 (07-03)	W	1600,a	1800	51	300	32	260	5	99.2
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
		S	NA	NA	NA	NA	NA	NA	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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

Shaw Environmental	Client Project ID: #638819.35; PB-Oakland	Date Sampled: 07/31/03
4005 Port Chicago Hwy		Date Received: 07/31/03
Concord, CA 94520	Client Contact: Rob Delnagro	Date Extracted: 07/31/03
	Client P.O.:	Date Analyzed: 07/31/03

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

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0307534

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0307534-001B	TP-W-1 (07-03)	W	190,d	1	85.7

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

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

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

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

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

Shaw Environmental 4005 Port Chicago Hwy Concord, CA 94520	Client Project ID: #638819.35; PB-Oakland	Date Sampled: 07/31/03
		Date Received: 07/31/03
	Client Contact: Rob Delnagro	Date Extracted: 07/31/03
	Client P.O.:	Date Analyzed: 07/31/03

Lead by Graphite Furnace Atomic Absorption*

Extraction method: E200.9 Analytical methods: E200.9 Work Order: 0307534

Lab ID	Client ID	Matrix	Extraction	Lead	DF	% SS
0307534-001C	TP-W-1 (07-03)	W	TTLC	0.0061	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	0.005	mg/L
	S	TTLC	NA	mg/kg

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

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

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

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

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: W WorkOrder: 0307534

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 8032 Spiked Sample ID: 0307529-008A

	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)£	ND	60	107	107	0	97.3	94.2	3.25	70	130
MTBE	ND	10	101	98.6	2.74	94	91.7	2.48	70	130
Benzene	1.952	10	98.8	94.8	3.41	93.7	91.4	2.51	70	130
Toluene	ND	10	97.8	94.4	3.46	96	93.5	2.68	70	130
Ethylbenzene	ND	10	99.8	96.5	3.39	97.9	95.3	2.65	70	130
Xylenes	ND	30	100	99.3	0.669	100	95.7	4.43	70	130
%SS:	---#	100	---#	---#	---#	99.4	100	0.789	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.

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

QC SUMMARY REPORT FOR SW8015C

Matrix: W WorkOrder: 0307534

EPA Method: SW8015C	Extraction: SW3510C			BatchID: 8015		Spiked Sample ID: N/A				
	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(d)	N/A	7500	N/A	N/A	N/A	119	97.7	19.3	70	130
%SS:	N/A	100	N/A	N/A	N/A	120	107	11.8	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.

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

QC SUMMARY REPORT FOR E200.9

Matrix: W WorkOrder: 0307534

EPA Method: E200.9	Extraction: E200.9			BatchID: 7999		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	114	114	0	70	130

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

NONE

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

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

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

N/A = not 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.

Sh

Rob

080754

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 [redacted] ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

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

Report To: Rob Delnagro	**Bill To:** same
Company: Shaw Environmental & Infrastructure, Inc.	
4005 Port Chicago Highway	
Concord, CA 94520	
Tele: (925) 288-2103	**Fax:** (925) 827-2029
Project #: 838819.35	**Project Name:** PB-OAKLAND
Project Location: 1189 58TH/OAKLAND	
Sampler Signature:	

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-W-1(07.03)	Excavation	7-31-03	1250	5	VAR	X					X	X	X	

Analysis Request																			Other				Comments
BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8080	EPA 608 / 8080 PCB's ONLY	EPA 624 / 8240 / 8260	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							
X	X												X										RELD By 1200 HRS 8/1/03

Relinquished By:	Date:	Time:	Received By:
[redacted]	7-30-03	1330	[redacted]
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 _____

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0307534

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

TEL: 925-288-2190
FAX: (925) 827-2029
ProjectNo: #638819.35; PB-Oakland
PO:

Date Received: **7/31/03**
Date Printed: **7/31/03**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests						
					E200_9	SW8015C	W8021B/8015C				
0307534-001	TP-W-1 (07-03)	Water	7/31/03 12:50:00 PM	☐	C	B	A				

Prepared by: Melissa Valles

Comments:

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

Appendix F

Water Transport Form

Job# 52T0660

Seaport Refining and Environmental

NON-HAZARDOUS WATER TRANSPORT FORM

GENERATOR INFORMATION

CUSTOMER INFORMATION
Ecology Control Industries

PO # COD

DESCRIPTION OF WATER: Excavation dewatering
NON-HAZARDOUS WASTE WATER MONITORING WELL PURGE WATER AND/OR AUGER RINSATE, TANK RINSATE OR ABOVE DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(10) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS

Rob Delnagro — Generator/Authorized Agent

Sign — date 7-30-03

SITE INFORMATION
11895 8th Ave
Oakland CA

GROSS	1500
TARE	
NET	
TOTAL GALLONS	1500

Calculated at 8.34lbs per USG

TRANSPORTER INFORMATION

ECI

Truck ID: 20004

Driver: N Adam Chappel Nam Chappel
Print full name & sign — date 7-30-03

TIME OUT	330
TIME IN	1245
TIME SPENT	2.75 hrs

DISPOSAL FACILITY INFORMATION EPA ID: CAR 000 140624

Seaport Refining & Environmental
700 Seaport Boulevard
Redwood City, Ca 94063
Phone: (650) 364 1024

Approval Number

Solids %Wt

pH

Solids Surcharge ¢/USG

Received by:
Print full name & sign — date

Job# 52Toleco

Seaport Refining and Environmental

NON-HAZARDOUS WATER TRANSPORT FORM

GENERATOR INFORMATION

SBC
P.O. Box 5095; Rm 3500
San Ramon CA

CUSTOMER INFORMATION

Ecology Control Industries

PO # COD

DESCRIPTION OF WATER: Excavation dewatering
NON-HAZARDOUS WASTE WATER MONITORING WELL PURGE WATER AND/OR AUGER RINSATE, TANK RINSATE OR ABOVE DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(10)AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS

Rob Debesso — Generator/Authorised Agent

RD — Sign — 7-31-03 date

SITE INFORMATION

SBC 1189 58TH Ave
OAKLAND CA

GROSS	
TARE	
NET	
TOTAL GALLONS	1100

Calculated at 8.4lbs per USG

TRANSPORTER INFORMATION

ECI
255 PARR BLVD
Richmond CA 94801

Truck ID: 16072

Driver: Mike Thompson — Print full name & sign — date

TIME OUT	
TIME IN	
TIME SPENT	

DISPOSAL FACILITY INFORMATION EPA ID: CAR 000 140624

Seaport Refining & Environmental
700 Seaport Boulevard
Redwood City, Ca 94063
Phone: (650) 364 1024

Approval Number: 500-164

Solids %Wt: 0

pH: 6

Solids Surcharge ¢/USG:

Received by: Shaw Shelley — Print full name & sign — date 8.4