

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

Julie Fyfe/ file

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

April 12, 1994

Mack Vitakes
1353 C Street
Hayward, CA 94540

Re: 21065 Foothill Blvd., Hayward CA

Dear Mr. Vitakes:

In response to your inquiry as to the removal date of one 1000 gallon steel underground storage tank at the subject site; this tank was removed on October 30, 1991.

Sincerely,

Paul M. Smith

Paul M. Smith
Senior Hazardous Materials Specialist

stid # 3631

LOP - RECORD CHANGE REQUEST FORM

printed:
03/01/93

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 3631
 SITE NAME: Beitenbach & Jacquelyn Co. DATE REPORTED : 11/07/91
 ADDRESS : 21065 -0 Foothill Blvd. DATE CONFIRMED: 11/07/91
 CITY/ZIP : Hayward 94541 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S	CONTRACT STATUS: 8	EMERGENCY RESP: -0-
RP SEARCH: S		DATE COMPLETED: -0-
PRELIMINARY ASMNT: C	DATE UNDERWAY: 02/12/92	DATE COMPLETED: 01/07/93
REM INVESTIGATION: -	DATE UNDERWAY: -0-	DATE COMPLETED: -0-
REMEDIAL ACTION: -	DATE UNDERWAY: -0-	DATE COMPLETED: -0-
POST REMED ACT MON:C	DATE UNDERWAY: 02/12/92	DATE COMPLETED: 01/07/93

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 01/16/92
 LUFT FIELD MANUAL CONSID: 3HSAWG
 CASE CLOSED: Y DATE CASE CLOSED: 03/02/93
 DATE EXCAVATION STARTED : -0- REMEDIAL ACTIONS TAKEN: NA

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Roy Breitenbach
 COMPANY NAME: n/a
 ADDRESS: 2358 Loma Vista Dr.
 CITY/STATE: Prescott, Az 86301-2129

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes	
ANNPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____

**PERMIT TO EXCAVATE IN STREETS
OR OTHER WORK AS SPECIFIED**

LOCATION OF WORK: 800 Franklin BETWEEN Webster AND Bronxway
(Street or Address) (Street/Ave.) (Specify)

PERMISSION TO EXCAVATE IN THE PUBLIC RIGHT-OF-WAY IS HEREBY GRANTED TO:

APPLICANT HEW drilling
ADDRESS P.O. Box 1116 14th Ave PHONE # 312 2581

TYPE OF WORK: GAS _____ ELECTRIC _____ WATER _____ TELEPHONE _____ CABLE TV _____ SEWER _____ OTHER X

NATURE OF WORK: Installation of ground water monitoring wells (Specify)

EXC 150.00
APP Fee 30.00
150.00
X 11/11/91

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code. Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to it's issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500)

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 70044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale)

I, as owner of the property, am exempt from the sale requirements of the above due to (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption in this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law)

I am exempt under Sec _____ B&PC for this reason _____
Signature _____ Date _____

PERMIT VOID 90 DAYS FROM DATE OF ISSUE UNLESS EXTENSION GRANTED BY DIRECTOR OF PUBLIC WORKS.

Approximate Starting Date DATE 9/11/91

Approximate Completion Date DATE 10/11/91

HOLIDAY RESTRICTION (1 NOV - 1 JAN) YES NO _____

LIMITED OPERATION AREA (7AM - 9AM/4PM - 6PM) YES NO _____

DATE STREET LAST RESURFACED DATE 6/7

SPECIAL PAVING DETAIL REQUIRED YES _____ NO

24-HOUR EMERGENCY PHONE NUMBER 415 233 4000
PERMIT NOT VALID WITHOUT 24 HOUR NUMBER.

Telephone 273-3668 Forty-eight (48) HOURS BEFORE ACTUAL CONSTRUCTION.

ATTENTION

State law requires that contractor/owner call Underground Service Alert two working days before excavating to have below-ground utilities located. This permit is not valid unless applicant has secured an inquiry identification number issued by Underground Service Alert

Call Toll Free 800-642-2444 USA ID Number 368119

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab C)

Policy # Peacocks Company Name HEW

Certified copy is hereby furnished
 Certified copy is filed with the city building inspection dept

Signature [Signature] Date 9/11/91

(This section need not be completed if the permit is for one hundred dollars (\$100) or less)

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California

Signature [Signature] Date 9/11/91

NOTICE TO APPLICANT. If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

This permit issued pursuant to all provisions of Chapter 6, Article 2 of the Oakland Municipal Code.

This permit is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance

CONTRACTOR

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect

LICENSE # AND CLASS A 11987 CITY BUSINESS TAX # 53-541

Signature of Contractor Owner or Agent [Signature] Date 9/11/91

Agent for Contractor Owner

**OFFICIAL USE ONLY
UTILITY COMPANY REPORT**

Supervisor _____
Completion Date _____

CITY INSPECTOR'S REPORT

Initials _____
Hours _____
Date _____

Concrete _____
Asphalt _____
Sidewalk _____
Size of Cut: Sq. Ft. _____ Inches _____

Paved by _____ Type _____

Bill No. _____
Charges Backfill _____
Paving _____
Paving Insp _____

Traffic Striping Replaced _____ Date _____

APPROVED [Signature] Date 9-13-91

Engineering Services _____ Date _____

Planning _____ Date _____

Field Services _____ Date _____

Construction _____ Date _____

Traffic Engineering _____ Date _____

Electrical Engineering _____ Date _____

DIRECTOR OF PUBLIC WORKS
APPROVED BY: [Signature]
DATE: 9-13-91
EXTENSION GRANTED BY: _____
DATE: _____

OWNER/BUILDER

WORKER'S COMPENSATION



January 27, 1993

93 JAN 27 11:45

RWQCB, San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

ATTENTION: Mr. Sum Arigala

SUBJECT: Closure Report
Breitenbach Property
21065 Foothill Boulevard
Hayward, CA

Dear Mr. Arigala:

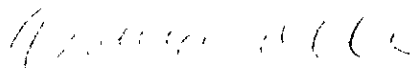
In reference to the subject report, Aqua Science Engineer's (ASE) made an error on page 10 within the HYDROLOGY section. We referred to the groundwater gradient as flowing to the West, toward the San Francisco Bay. The text should have referred to the direction of the groundwater gradient to flow toward the Southeast. It was merely a typographical error.

ASE confirmed the groundwater direction in the area of the site prior to placement of the monitoring well. The Alameda County Water Resources Department was visited, and their representatives informed ASE of the south easterly direction of groundwater. Although their files did not show any monitoring wells in the area near the subject site, the determination of groundwater direction was made by reviewing the area's topographic map. ASE concurred with the department's opinion; therefore, the monitoring well was placed in the location as depicted on Figure 1.

If you have any questions or comments, please feel free to give us a call at (510) 820-9391.

Respectfully submitted.

AQUA SCIENCE ENGINEERS, INC.


David Allen
Project Manager

cc: Ms Juliet Shin, Alameda County Health Care Services Agency.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

January 15, 1993

Sumadha Arigala
RWQCB, S.F. Bay Region
21010 Webster St., Ste 500
Oakland, CA 94612

STID 3631

RE: Breitenbach Property, located at 21065 Foothill Blvd.,
Hayward

RECOMMENDATION FOR UST CASE CLOSURE

Dear Mr. Hiett,

This office has reviewed the files for this site and the newly submitted Site Closure Request Report, dated January 7, 1993, prepared by ASE Environmental, and has come to the conclusion that this site can be recommended for closure.

Detailed information regarding all the investigative work conducted at the site is contained within the attached Site Closure Report. Please review the information and notify this office as to whether RWQCB concurs with the recommendation. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Juliet Shin'.

Juliet Shin
Hazardous Materials Specialist

cc: Edgar Howell-File(JS) *EJA*

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

STID 3631

May 7, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Mr. Roy Breitenbach
2358 Loma Vista Drive
Prescott, AZ 86301-2129

RE: 21065 FOOTHILL BOULEVARD, HAYWARD, ALAMEDA COUNTY, CALIFORNIA

Dear Mr. Breitenbach:

The Department is in receipt of the April 17, 1992 Aqua Science Engineers, Inc. (ASE) report documenting the results of laboratory analyses performed upon soil samples collected during the advancement of three (3) shallow borings at the subject site during April 1992. The analyses results indicate that hydrocarbon compounds were not detected in samples above laboratory detection limits.

At this time please adhere to the quarterly ground water sampling and reporting schedule outlined previously in the March 25, 1992 correspondence from this office.

Please call Ms. Juliet Shin of this office at 510/271-4320 should you have any questions.

Sincerely,

Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Eddie So, RWQCB
Howard Hatayama, DTSC
Jim Ferdinand, Eden Consolidated Fire District
Dave Prull, Aqua Science Engineers



21D 3621

Mr. Scott O. Seery, CHMM
Alameda County Health Care Services Agency
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, Ca. 94621

92 APR -9 PM 1:20

**RE: FURTHER ENVIRONMENTAL INVESTIGATION AT
21065 FOOTHILL BLVD., HAYWARD, CA**

Mr. Seery,

In accordance with your correspondence dated March 25, 1992 to Mr. Roy Breitenbach, Aqua Science Engineers, Inc. submits the following brief workplan on behalf of Mr. Breitenbach. The following text outlines the scope of site investigation activities requested in the above referenced correspondence, subsequent to your personal visit to the site.

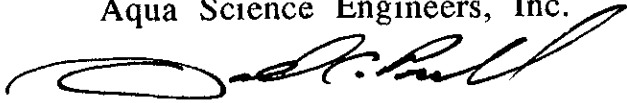
Scope of Work:

- 01 Quarterly well purging, sampling and reporting will be performed for a minimum of three more consecutive quarters. This item will provide well purging, sampling and sample analysis of TPH as gasoline and BTEX for the existing well according to protocol detailed in previous submittals.
- 02 Drill and sample (3) additional soil borings to the bedrock interface at +/- 20 feet below grade. The borings will be advanced within 10-20 feet of the backfilled tank pit edges along a 180 degree arc on the east side. Soil samples will be obtained and handled as stated in previous submittals. Nine undisturbed soil samples will be retained and analyzed for TPH as gasoline and BTEX.
- 03 Backfill the borings with cement/bentonite grout which will be pumped from the bottom of the borings up to original grade. Used waters from decon procedures will be retained on site. Cuttings will be stockpiled on plastic sheeting on site.
- 04 Report methods and findings of the investigation to the owner and overseeing agencies, to include recommendations based on the w findings.

Roy Breitenbach - April 7, 1992

Please contact me at our offices in Concord if you have any questions
1(800) 685-6700.

Respectfully,
Aqua Science Engineers, Inc.

A handwritten signature in black ink, appearing to read "David C. Prull". The signature is fluid and cursive, with a large, sweeping initial "D".

David C. Prull
Project Manager

cc. Roy Breitenbach

Roy Breitenbach - April 7, 1992

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



March 25, 1992

Mr. Roy Breitenbach
2358 Loma Vista Drive
Prescott, AZ 86301-2129

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

RE: 21065 FOOTHILL BOULEVARD, HAYWARD, ALAMEDA COUNTY, CALIFORNIA

Dear Mr. Breitenbach:

The Department is in receipt and has completed review of the February 12, 1992 Aqua Science Engineers (ASE) Preliminary Site Assessment (PSA) report, as submitted under ASE cover of the same date. This report documents the results of activities associated with the installation and sampling of a single ground water monitoring well at the referenced site. The required actions outlined in this letter are in concurrence with staff of the San Francisco Bay Regional Water Quality Control Board (RWQCB).

The site is located on the eastern flank of a northwest-southeast trending ridge just east of mapped active traces of the Hayward Fault zone. Review of well logs presented in the cited ASE report illustrate that the site is underlain by fill and unconsolidated sediments from ground surface to an approximate depth of 10 feet below grade (BG). From 10 feet BG to the boring terminus at a depth of 44 feet BG, highly fractured meta-sediments (?) and/or meta-intrusive igneous (?) rocks are encountered. Such lithologies are consistent with rocks encountered in the Hayward area proximal to segments of the Hayward Fault. These materials proved difficult to sample as the boring was advanced, apparently due to the inability of the sampler to be driven ahead of the auger bit.

Fuel odors were not detected during drilling. Laboratory analyses of samples collected from the surficial unconsolidated sediments were below detection limits for gasoline target compounds, consistent with field observations. Water sample collected from the completed well were also below detection limits for target compounds.

Due to the results of the investigation to date and the limiting subsurface conditions noted previously, the installation of additional wells is not required at this time. However, to provide this agency and the RWQCB with sufficient evidence that contamination is not present in the unconsolidated soils elsewhere about the site, additional borings must be advanced, and samples collected and analyzed.

Please have your consultant prepare and submit a brief work plan identifying the locations of proposed additional borings, and a description of sampling strategies. This work plan is due within 30 days, or by **April 24, 1992**.

Mr. Roy Breitenbach
RE: 21065 Foothill Blvd., Hayward
March 25, 1992
Page 2 of 2

Additionally, please adhere to a **quarterly** schedule of ground water sampling and elevation monitoring. Summary reports shall be submitted **quarterly** until this site is eligible for final "sign off" by the RWQCB. Such reports are due the first day of the second month of each subsequent quarter (i.e., May 1, August 1, November 1, and February 1). Hence, the next report is due for submittal May 1, 1992 and shall document the results of work conducted during the first quarter of 1992.

Please call me at 510/271-4530 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Rich Heitt, RWQCB
Howard Hatayama, DTSC
Jim Ferdinand, Eden Consolidated Fire District
Dave Prull, Aqua Science Engineers

March 17, 1992

Submitted to:

Alameda County Health Depart.
Mr. Scott Deery
80 Swan Way, Rm 200
Oakland, Ca. 94621

From:

Ray R. Breitenbach
2358 Loma Vista Drive
Prerott, Ny 86301

602-776-8995



ORIGINAL INVOICE

INVOICE NUMBER: 1197
January 31, 1992

BILL TO:
Mr. Roy R. Breitenbach
2358 Loma Vista Drive
Prescott, AZ 86301

Job site: 21065 Foothill Blvd., Hayward, CA
DECON Job Number 669
Completed January 31, 1992

Remove Underground Storage Tank

Additional Sampling & Analysis - Dec. 18, 1991			
Superintendent	4 hours @ \$45/hr		180.00
Samples	4 @ \$96.25 + 20%		462.00

			642.00
Original Contract Allowance for Concrete & Debris Disposal - 5 cubic yards Additional 3 loads @ 5 cubic yards each = 15 cubic yards 15 Cubic Yards @ \$24.60/cu.yd.			
			369.00

TOTAL AMOUNT DUE THIS INVOICE			\$1,011.00
			=====

Please make check payable and remit to: DECON Environmental Services, Inc.
26102 Eden Landing Road, Suite 4
Hayward, CA 94545

Payment due upon receipt



SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063
(415) 364-9600 • FAX (415) 364-9233

INVOICE NO. 66141
Jan 2, 1992

RECEIVED JAN 3 1992

INVOICE FOR ANALYTICAL SERVICES

DECON Environmental Services
26102 Eden Landing, #4
Hayward, CA 94545

P.O. Number: ---
Client Code: DEC
Report Number: 1123166
Project Manager: CM

Attention: Anthony Cappella

Qty	Description of Service	Unit Price	Amount
Project: 669, Breitenbach Samples Received 12/18			
2	TPH w/ BTEX (Low-Med Boiling Pt), 5 day	96.25	192.50
2	TPH (High Boiling Point), 5 day	96.25	192.50

130-669

Invoice Total: \$ 385.00

Please remit to: Sequoia Analytical, 680 Chesapeake Drive, Redwood City CA 94063. Payment is due 30 days from invoice date; overdue balances are subject to 1.5% interest per month. Questions regarding this invoice should be directed to Evelyn DeBlock in Accounts Receivable.

VASCO ROAD SANITARY LANDFILL

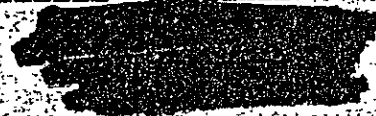
No. 328860

A DIVISION OF BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(415) 447-0491

Ticket : A29536 01/13/92 T: 02:28 pm
Customer: DECON ENVIRONMENTAL SERVICES
Account : 1009356 LMS# 356 O: 02:28 pm
Truck : 1
P.O. No : HERTZ TRK
Checker : RAYMOND

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Volume	Contents	Rate	Charge
5.00 yd	CONST/DEMO		
TOTAL			

All children must remain in vehicles. Absolutely no salvaging allowed.
Niños deben de permanecer en los carros a todas horas.
No se permite llevar cosas del dompe absolutamente.

HAVE A NICE DAY!!!

Raymond
DRIVER CUSTOMER

VASCO ROAD SANITARY LANDFILL



No. 327848

A DIVISION OF BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(415) 447-0491

Ticket : A28534 01/10/92 T: 03:30 pm
Customer: DECON ENVIRONMENTAL SERVICES
Account : 1009356 LMS# 356 O: 03:30 pm
Truck : 1
P.O. No : HERTZ TRK
Checker : RAYMOND

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Volume	Contents	Rate	Charge
5.00 yd	CONST/DEMO		
TOTAL			

All children must remain in vehicles. Absolutely no salvaging allowed.
Niños deben de permanecer en los carros a todas horas.
No se permite llevar cosas del dompe absolutamente.

HAVE A NICE DAY!!!

Raymond
DRIVER CUSTOMER

COMPUTER GENERATED BY VASCO ROAD SANITARY LANDFILL

VASCO ROAD SANITARY LANDFILL No. 327621

A DIVISION OF BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(415) 447-0491

Ticket : A28307 01/10/92 I: 11:02 am
Customer: DECON ENVIRONMENTAL SERVICES
Account : 1009356 LMS# 356 O: 11:02 am
Truck : 1
P.O. No : HERTZ TRK
Checker : RAYMOND

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Volume Contents Rate Charge

5.00 yd CONST/DEMO



TOTAL

HAVE A NICE DAY!!!

All children must remain in vehicles. Absolutely no salvaging allowed.

Niños deben de permanecer en los carros a todas horas.

No se permite llevar cosas del dompo absolutamente.

Jon Patten
DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No. 327786

A DIVISION OF BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(415) 447-0491

Ticket : A28472 01/10/92 I: 02:16 pm
Customer: DECON ENVIRONMENTAL SERVICES
Account : 1009356 LMS# 356 O: 02:16 pm
Truck : 1
Manifest: HERTZ
P.O. No : HERTZ TRK
Checker : JOE

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

Volume Contents Rate Charge

5.00 yd SPECIAL



TOTAL

HAVE A NICE DAY!!!

All children must remain in vehicles. Absolutely no salvaging allowed.

Niños deben de permanecer en los carros a todas horas.

No se permite llevar cosas del dompo absolutamente.

Jon Patten
DRIVER

COMPUTER GENERATED BY: 10021885 22 JAN 1992 17:18

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

January 29, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Roy R. Breitenbach
2358 Loma Vista Dr.
Prescott AZ 86301-2129

RE: Workplan-Proposal for Monitoring Well Installation
Former Fuel Storage Tank Site
21065 Foothill Blvd., Hayward 94541

Dear Mr. Breitenbach:

I have reviewed the Workplan submitted for your site by Aqua Science Engineers Inc. As I discussed David Prull of Aqua Science, the workplan adequately addresses the need to establish the depth to groundwater at the site and describes a soil sampling plan adequate for this purpose. As we have discussed in the past, should there be shallow groundwater beneath your site, a total of three wells must be installed in order to adequately investigate groundwater contamination. I have outlined sampling and analysis requirements for a groundwater investigation in past correspondence. I discussed one important required change to the Workplan with Mr. Prull: Tops of well screens must extend a minimum of 5 (five) feet above encountered groundwater level in order to adequately accommodate groundwater fluctuations.

Regarding the stockpile soils, Anthony Cappella of Decon told me recently that these were sampled and disposed of offsite. Since then, I have received analysis results for soil at your site address. I presume from the sampling date listed on the documents that these are results of samples taken from the stockpile, however, no field notes or other form of explanation was included with the report. As I was not present to witness this sampling, I will need a copy of Decon's field notes or a written report from Decon to accompany these results.

You may contact me with any questions at (510)271-4320.

Sincerely,

Pamela J. Evans
Hazardous Materials Specialist

c: Eddy So, RWQCB
David C. Prull, Agua Science Engineers Inc.
Anthony Cappella, Decon Environmental Services, Inc.
Donna La Komy, Cardinal Commercial Group

3631

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
--	---	--

REPORT DATE 01/25/92	CASE #	SIGNED <i>[Signature]</i>	DATE 1-27-92
-------------------------	--------	------------------------------	-----------------

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Roy R. BREITENBACH	PHONE (602) 976-8995	SIGNATURE <i>[Signature]</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME	

ADDRESS
2358 201 STREET LOMA VISTA DRIVE CITY PRESCOTT STATE AZ ZIP 86301

RESPONSIBLE PARTY	NAME Roy R BREITENBACH <input type="checkbox"/> UNKNOWN	CONTACT PERSON MIKE TANZILLO	PHONE (510) 889-7707
	ADDRESS 2358 STREET LOMA VISTA DRIVE CITY PRESCOTT STATE AZ ZIP 86301		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) N/A	OPERATOR	PHONE ()
	ADDRESS 21065 STREET FOOT HILL BLVD CITY — COUNTY ALA ZIP 84541 CROSS STREET APPLE AVE		

IMPLEMENTING AGENCIES	LOCAL AGENCY ALA. CT HEALTH CARE SERVICES	AGENCY NAME	CONTACT PERSON PAMELA J. EVANS	PHONE (510) 271-4320
	REGIONAL BOARD RWQCB		Eddy S.	()

SUBSTANCES INVOLVED	(1) GASOLINE	NAME	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)		<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 1/03/92	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN 1/03/92	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 1/03/92	

SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER	CAUSE(S) <input checked="" type="checkbox"/> CORROSION <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER
---------------	---	---

CASE TYPE CHECK ONE ONLY
 UNDETERMINED SOIL ONLY GROUNDWATER DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS CHECK ONE ONLY

<input type="checkbox"/> NO ACTION TAKEN	<input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED	<input type="checkbox"/> POLLUTION CHARACTERIZATION
<input type="checkbox"/> LEAK BEING CONFIRMED	<input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY	<input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS
<input type="checkbox"/> REMEDIATION PLAN	<input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY)	<input type="checkbox"/> CLEANUP UNDERWAY

REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)

<input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED)	<input type="checkbox"/> REMOVE FREE PRODUCT (FP)	<input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)
<input type="checkbox"/> CAP SITE (CD)	<input type="checkbox"/> EXCAVATE & TREAT (ET)	<input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT)
<input type="checkbox"/> CONTAINMENT BARRIER (CB)	<input type="checkbox"/> NO ACTION REQUIRED (NA)	<input type="checkbox"/> TREATMENT AT HOOKUP (HU)
<input type="checkbox"/> VACUUM EXTRACT (VE)	<input type="checkbox"/> OTHER (OT)	<input type="checkbox"/> REPLACE SUPPLY (RS)
		<input type="checkbox"/> VENT SOIL (VS)

COMMENTS

92 JAN 26 AM 10:50

Roy R. Breitenbach Sr.
2358 Loma Vista Drive
Prescott, Arizona 86301-2129
602-776-8995

Pamela J. Evans
Depart of Environmental Health
80 Swan Way, Rm. 210
Oakland, Ca. 94621

Dear Pamela Evans:

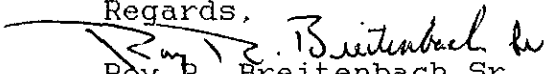
January 25, 1992

Please find enclosed the original UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE CONTAMINATION SITE REPORT that you requested.

I received this form by Parcel Post Express yesterday from Donna La Komy of cardinal Commercial Group. This form should replace the one I sent you on January 20, 1992.

Is there a case number assigned to 21065 Foothill Blvd.?

Regards,


Roy R. Breitenbach Sr.

1-22-12
Donna - Cardinal Comm. Group

will fax results of stockpile testing -

Sony Cappella of Decon

will send results of stockpile analysis -

<100 ppm TPHg - stockpile

Soil was off haul - clean fill put into
hole.

PE

92 JAN 23 PM 2:15

Roy R. Breitenbach Sr.
2358 Loma Vista Drive
Prescott, Arizona 86301-2129
602-776-8995

Department of Environmental Health
Pamela J. Evans
80 Swan Way, Room 210
Oakland, California 94621
510-271-4320

Dear Pamela Evans:

January 20, 1992

Your letter of January 16, 1992 was splendid outlining the situation at 21065 Foothill Blvd, in the county of Alameda, California and what steps have to be taken to remedy the pending project.

Enclosed is the UNAUTHORIZED RELEASE REPORT you requested to be completed.

I have contracted for AQUA SCIENCE ENGINEERS INC. of 1041 Shary Circle, Concord, 510-685-6700, Mr. Greg Gouvea, to submit the proper work scope plans to you and the other agencies.

I have been told by DECON, Mike Tanzillo, and Cardinal Commercial Group that you have the sample results of the "evacuated" soil prior to being replaced. I, myself sent you the result of the "second sampling" recently.

You may contact me with any questions at 602-776-8995.

Sincerely,


Roy R. Breitenbach Sr.

C.C. Mr. Greg Gouvea
C.C. Mr. Mike Tanzillo

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM. SIGNED: _____ DATE: _____
REPORT DATE 01/20/92	CASE #	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT ROY R. BREITENBACH	PHONE (602) 776-8995	SIGNATURE Roy R. Breitenbach
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME	
ADDRESS 2358 STREET LOMA VISTA DRIVE CITY PRESCOTT STATE AZ ZIP 86301			

RESPONSIBLE PARTY	NAME ROY R. BREITENBACH	<input type="checkbox"/> UNKNOWN	CONTACT PERSON MIKE TANZILLO	PHONE (510) 889-7707
	ADDRESS 2358 STREET LOMA VISTA DRIVE CITY PRESCOTT STATE AZ ZIP 86301			

SITE LOCATION	FACILITY NAME (IF APPLICABLE) N/A	OPERATOR	PHONE ()
	ADDRESS 21065 STREET FOOTHILL BLVD. CITY — COUNTY ALA. ZIP 94541 CROSS STREET APPLE AVE		

IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA HEALTH CARE SERVICE	AGENCY NAME	CONTACT PERSON PAMELA J. EVANS	PHONE (510) 271-4320
	REGIONAL BOARD RWQCB		EDDY SO	PHONE ()

SUBSTANCES INVOLVED	(1) NAME GASOLINE	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 1/20/92	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 1/20/92	

SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input checked="" type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
---------------	---	---

CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY		
	<input type="checkbox"/> NO ACTION TAKEN	<input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED	<input type="checkbox"/> POLLUTION CHARACTERIZATION
	<input type="checkbox"/> LEAK BEING CONFIRMED	<input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY	<input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS
	<input type="checkbox"/> REMEDIATION PLAN	<input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY)	<input type="checkbox"/> CLEANUP UNDERWAY

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) <small>(SEE CHECK FOR DETAILS)</small>	<input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED)	<input type="checkbox"/> REMOVE FREE PRODUCT (FP)	<input type="checkbox"/> ENHANCED BIO DEGRADATION (BT)
	<input type="checkbox"/> CAP SITE (CS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> VACUUM EXTRACT (VE)	<input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)	<input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> TREATMENT AT HOOKUP (HU)	<input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VENT SOIL (VS)

COMMENTS	
----------	--

92 JAN 15 PM 11:18

Roy R. Breitenbach Sr.
2358 Loma Vista Drive
Prescott, Arizona 86301-2129
602-776-8995

Dear Pam:

January 13, 1992

Thank you very much for the time you spent with me on the telephone today.

Your in depth thinking and conversation was overwhelming helpful.

Regards,


Roy R. Breitenbach Sr.

Assessors records show:

Roy K. Breitenbach & Jacquelyn G.
9986 E. Fenfold Dr
Scottsdale, AZ 85258

3631

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
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REPORT DATE 1 _M 2 _M 2 _D 3 _D 9 _Y 1 _Y	CASE #	SIGNED <i>Samela Evans</i>	DATE 11/2/01
--	--------	-------------------------------	-----------------

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Anthony Cappella	PHONE (510) 732-6444	SIGNATURE <i>Anthony Cappella</i>
	REPRESENTING <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME DECON Environmental Services, Inc.	
	ADDRESS 26102 Eden Landing Road, Suite 4		

RESPONSIBLE PARTY	NAME Roy R. Breitenbach	<input type="checkbox"/> UNKNOWN	CONTACT PERSON Same	PHONE (602) 776-8995
	ADDRESS 2358 Loma Vista Drive			

SITE LOCATION	FACILITY NAME (IF APPLICABLE)	OPERATOR Owner	PHONE ()
	ADDRESS 21065 Foothill Boulevard		
	CROSS STREET Castro Valley Boulevard	Hayward CITY	Alameda COUNTY 94541 ZIP

IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Environmental Health Dept	AGENCY NAME	CONTACT PERSON Samela Evans	PHONE (510) 271-4320
	REGIONAL BOARD San Francisco		Eldy So	PHONE (910) 264-4306

SUBSTANCES INVOLVED	(1) NAME Gasoline	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 1 _M 0 _M 3 _D 0 _D 9 _Y 1 _Y	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER	<input type="checkbox"/> NUISANCE CONDITIONS
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING	
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 1 _M 0 _M 3 _D 0 _D 9 _Y 1 _Y	<input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
--------------	---	---

CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	---

CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY
----------------	---

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)
-----------------	--

COMMENTS: Soil known to be contaminated has been removed.



December 18, 1991

Mr. Roy Breitenbach
9986 East Fanfol Drive
Scottsdale, AR 85258

RE: UNDERGROUND TANK REMOVAL PROJECT AT 21065 FOOTHILL BOULEVARD
IN HAYWARD, CALIFORNIA

Dear Mr. Breitenbach:

The purpose of this letter is to summarize our activities at 21065 Foothill Boulevard in Hayward.

On October 30, 1991, DECON Environmental Services, Inc. (DECON) removed from 21065 Foothill Boulevard in Hayward, California, a 1,000 gallon underground storage tank. Excavation work for this tank began on October 28, 1991.

Under the direction of Pamela Evans, Alameda County Health Department, DECON took two samples from the soil beneath the tank. The samples results, forwarded to you in our letter dated November 5, 1991, showed the presences of petroleum hydrocarbons (BTE&X and total petroleum hydrocarbons, gasoline range).

Shortly after receiving the sample results, DECON returned to the excavation and removed approximately 30 additional yards of soil. Under the direction of Alameda County Health Department, DECON took six samples from the excavation, two from the floor of the excavation, and one from the each sidewall. All six samples showed non-detectable levels of petroleum hydrocarbons. We forwarded the sample results to you in our letter dated December 13, 1991.

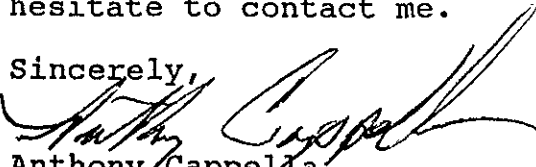
After receipt of the analytical results, and in accordance with Alameda County Health Department policies, DECON backfilled the excavation. the excavation area will be paved once the stockpile of soil from the excavation is removed.

Mr. Roy Breitenbach
December 18, 1991
Page 2

It is our understanding that Alameda County Health Department policies do not require you to perform any further remedial work (such as groundwater monitoring) with respect to the excavation. This is based on the latest soil analyses from the excavation showing non-detectable levels of petroleum hydrocarbons. The stockpiled soil however, may require remediation and/or removal. DECON is not aware of the condition of the site in areas other than the excavation itself.

If you have any questions regarding the above, please do not hesitate to contact me.

Sincerely,



Anthony Cappella
Project Manager

AC/emt



Groeniger & Company

27750 INDUSTRIAL BLVD., HAYWARD, CA 94545-4094 (510) 786-3333 FAX # (510) 782-7905
 1600 LONE PALM AVE., MODESTO, CA 95351-1538 (209) 577-3333 FAX # (209) 529-6520
 2812 SOUTH ORANGE AVE., FRESNO, CA 93725-1922 (209) 442-3333 FAX # (209) 266-0858
 2934 ROCKVILLE RD., SUISUN, CA 94585-1445 (707) 426-3333 FAX # (707) 426-0712
 7832 RAMONA AVE., SACRAMENTO, CA 95826-3820 (916) 455-3333 FAX # (916) 455-3402

REMIT TO:
 POST OFFICE BOX 3629
 HAYWARD, CA 94540-3629

INVOICE NUMBER	179031H
INVOICE DATE	12-17-91
ORDER NUMBER	556143

SOLD TO

DECON ENVIRONMENTAL SERVICES
 26102 EDEN LANDING ROAD #4
 HAYWARD, CA 94545

SHIP TO

WILL CALL
 GROENIGER & COMPANY
 HAYWARD BRANCH
 HAYWARD, CA 94545

(415) 732-6444
 JOB NAME: JOB #069

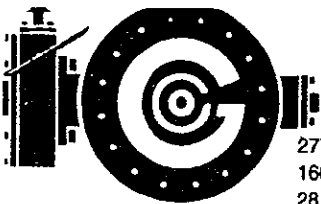
CUSTOMER NO.	CUSTOMER P.O. NO.	WRITTEN BY	ORDER DATE	OUR JOB NO.	SHIP VIA	DATE SHIPPED	SALESMAN	BRANCH	TERMS
41175	VERBAL-TONY	RVA	12-16-91		W/C	12-11-91	100	HAYWARD	1.5% 10TH/NET30
ORDERED	SHIPPED	BACK ORDERED	PRODUCT CODE	DESCRIPTION		UNIT PRICE	REF	AMOUNT	
1	1		NOF	TW516 REED T-HANDLE TORQUEWRENCH (FOR NO HUB COUPLINGS)		35.00	EA	35.00	
20	20		GNNH0410	4" X 10" CI NO HUB PIPE		401.76	C	8035	
								SUBTOTAL	214.85
								TAX	17.73
								AMOUNT DUE	232.58

IF CURRENT: YOU MAY DEDUCT 3.49 IF PAID BY 01-10-92

SALES TAX AND FREIGHT CHARGES NOT SUBJECT TO CASH DISCOUNT

A SERVICE CHARGE OF 1½% PER MONTH WILL BE CHARGED ON ALL PAST DUE ACCOUNTS.

ORIGINAL INVOICE



Groeniger & Company

27750 INDUSTRIAL BLVD., HAYWARD, CA 94545-4094
 1600 LONE PALM AVE., MODESTO, CA 95351-1538
 2812 SOUTH ORANGE AVE., FRESNO, CA 93725-1922
 2934 ROCKVILLE RD., SUISUN, CA 94585-1445
 7832 RAMONA AVE., SACRAMENTO, CA 95826-3820

(510) 786-3333 FAX # (510) 782-7905
 (209) 577-3333 FAX # (209) 529-6520
 (209) 442-3333 FAX # (209) 266-0858
 (707) 426-3333 FAX # (707) 426-0712
 (916) 455-3333 FAX # (916) 455-3402

REMIT TO:
 POST OFFICE BOX 3629
 HAYWARD, CA 94540-3629

INVOICE NUMBER	17903111
INVOICE DATE	12-17-91
ORDER NUMBER	556143

SOLD TO

DECON ENVIRONMENTAL SERVICES
 26102 EDEN LANDING ROAD #4
 HAYWARD, CA 94545

SHIP TO

WILL CALL
 GROENIGER & COMPANY
 HAYWARD BRANCH
 HAYWARD, CA 94545

RECEIVED DEC 18 1991

(415) 732-6444
 JOB NAME: JOB #669

CUSTOMER NO.	CUSTOMER P.O. NO.	WRITTEN BY	ORDER DATE	OUR JOB NO.	SHIP VIA	DATE SHIPPED	SALESMAN	BRANCH	TERMS
41175	VERBAL-TONY	RVA	12-16-91		W/C	12-11-91	100	HAYWARD	1.5% 10TH/NFT30
ORDERED	SHIPPED	BACK ORDERED	PRODUCT CODE	DESCRIPTION		UNIT PRICE	REF	AMOUNT	
1	1		PPCS-310	SHIPPED ON TAG: 133671 FITS 3/4" TO 1" VALVE CURB STOP WRENCH 6" X 4"		30.00	EA	30.00	
1	1		NOF	CLAY X CLAY REDUCING CALDER COUP		9.00	EA	9.00	
1	1		GNCLXAC04	CLAY X AC/DI CAULDER COUPLING		5.00	EA	5.00	
1	1		GNACXCI04B	AC/DI X CTZPVC BUSHING		2.00	EA	2.00	
1	1		NOF	DI CALDER REDUCING COUPLING		8.00	EA	8.00	
1	1		GNNHCPL400	DI NO HUB COUPLING		3.50	EA	3.50	
1	1		RDTC10	1/2" - 1" QUICK RELEASE CUTTER FOR METAL TUBING		35.00	EA	35.00	
1	1		JJ2609100	1" J-2609 COUPLING CTS COMPRESSION		9.00	EA	9.00	

SUBTOTAL	
TAX	
FREIGHT	
AMOUNT DUE	

IF CURRENT: YOU MAY DEDUCT

IF PAID BY

SALES TAX AND FREIGHT CHARGES NOT SUBJECT TO CASH DISCOUNT

A SERVICE CHARGE OF 1 1/2% PER MONTH WILL BE CHARGED ON ALL PAST DUE ACCOUNTS.

ORIGINAL INVOICE

100-1609



Superior Precision Analytical, Inc.

1555 Burke, Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

RECEIVED NOV 14 1991

INVOICE

Decon Environmental Services
26102 Eden Landing Road #4
Hayward, CA 94545

Date: 11/07/91
Date Rcvd: 10/31/91
Date Rptd: 11/07/91
Our Job #: 54279
Invoice #: 54279

Decon Environmental Services Job # BREITENBACH TANK 669
Decon Environmental Services Release #

QTY/MATRIX	ANALYSIS	EXT. PRICE
2 SOIL	sample(s) for VPH-BTXE @ \$125.00 (NORMAL)	250.00
TOTAL INVOICE		250.00

1 additional

*OK
AI*

669

Please Send Payment To:
Superior Analytical Labs
P.O. Box 1545
Martinez, CA 94553

TERMS: NET 30

A charge of 1.5% per month may be applied to unpaid balances

Certified Laboratories



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

RECEIVED NOV 26 1991

INVOICE

Decon Environmental Services
26102 Eden Landing Road #4
Hayward, CA 94545

Date: 11/18/91
Date Rcvd: 11/11/91
Date Rptd: 11/18/91
Our Job #: 84357
Invoice #: 84357

Decon Environmental Services Job # 669
Decon Environmental Services Release # NA

QTY/MATRIX	ANALYSIS	EXT. PRICE
6 SOIL	sample(s) for VPH-BTXE @ \$125.00 (NORMAL)	750.00
TOTAL INVOICE		750.00

to additional

80-609

Please Send Payment To:
Superior Precision Analytical
P.O. Box 1545
Martinez, CA 94553

TERMS: NET 30

A charge of 1.5% per month may be applied to unpaid balances.

Certified Laboratories



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

RECEIVED NOV 26 1991

INVOICE

Decon Environmental Services
26102 Eden Landing Road #4
Hayward, CA 94545

Date: 11/18/91
Date Rcvd: 11/11/91
Date Rptd: 11/18/91
Our Job #: 84357
Invoice #: 84357

Decon Environmental Services Job # 669
Decon Environmental Services Release # NA

QTY/MATRIX	ANALYSIS	EXT. PRICE
6 SOIL	sample(s) for VPH-BTXE @ \$125.00 (NORMAL)	750.00
TOTAL INVOICE		750.00

6 additional

30-100?

Please Send Payment To:
Superior Precision Analytical
P.O. Box 1545
Martinez, CA 94553

TERMS: NET 30

A charge of 1.5% per month may be applied to unpaid balances.

Certified Laboratories



Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

RECEIVED NOV 14 1991

INVOICE

Decon Environmental Services
26102 Eden Landing Road #4
Hayward, CA 94545

Date: 11/07/91
Date Rcvd: 10/31/91
Date Rptd: 11/07/91
Our Job #: 54279
Invoice #: 54279

Decon Environmental Services Job # BREITENBACH TANK 669
Decon Environmental Services Release #

QTY/MATRIX	ANALYSIS	EXT. PRICE
2 SOIL	sample(s) for VPH-BTXE @ \$125.00 (NORMAL)	250.00
TOTAL INVOICE		=====
		250.00

1 additional

*OK
AC*

669

Please Send Payment To:
Superior Analytical Labs
P.O. Box 1545
Martinez, CA 94553

TERMS: NET 30

A charge of 1.5% per month may be applied to unpaid balances

Certified Laboratories

DATE:

TO : Local Oversight Program

FROM:

SUBJ: Transfer of Eligible Oversight Case

Site name: Beitenbach Property

Address: 21065 Foothill Blvd, city Hayward zip 94541

Closure plan attached? Y N DepRef remaining \$ _____

DepRef Project # NA STID #(if any) 3631

Number of Tanks: _____ removed? Y N Date of removal 10-30-91

Leak Report filed? Y N Date of Discovery 11-07-91

Samples received? Y N Contamination: _____

Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents

Monitoring wells on site _____ Monitoring schedule? Y N

LUFT category 1 2 3 * H S C A R W G O

*Excavation
10-20-91*

Briefly describe the following:

Preliminary Assessment _____

Remedial Action _____

Post Remedial Action Monitoring _____

Enforcement Action _____

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
01/01/92 THROUGH 03/31/92

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
StID : 3631
SITE NAME: Beitenbach & Jacquelyn Co. DATE REPORTED : 11/07/91
ADDRESS : 21065 Foothill Blvd. DATE CONFIRMED: 11/07/91
CITY/ZIP : Hayward 94541 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 3 EMERGENCY RESP:
RP SEARCH: S DATE UNDERWAY: 02/12/92 DATE COMPLETED:
PRELIMINARY ASMNT: U DATE UNDERWAY: DATE COMPLETED:
REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 01/16/92
LUFT FIELD MANUAL CONSID: 2,H,S,C,A
CASE CLOSED: DATE CASE CLOSED:
DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN: NT

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME:
COMPANY NAME:
ADDRESS:
CITY/STATE:



November 5, 1991

Roy R. Breitenbach
9986 East Fanfol Drive
Scottsdale, AR 85258

RE: UNDERGROUND TANK REMOVAL PROJECT AT 21065 FOOTHILL BLVD,
HAYWARD, CALIFORNIA.

Dear Mr. Breitenbach:

DECON Environmental Services, Inc. (DECON) contracted with Roy R. Breitenbach on September 27, 1991 to inert and remove one underground gasoline storage tank at 21065 Foothill Blvd., Hayward, California.

The tank was located in front the building under the concrete driveway. The tank, constructed of steel, was approximately 13 feet long and 4 feet in diameter and had a capacity of 1000 gallons.

Two permits and a letter of notification were required for the tank closure. DECON applied for and received authorization to proceed from the Eden Consolidated Fire District and Alameda County Department of Health Services. Notification was to the Bay Area Air Quality Management District.

DECON mobilized its equipment and began work on October 28, 1991. The concrete and soil overlaying the tank was removed and the tank was cleaned using a pressure washer and a degreasing agent. The LEL and Oxygen levels were checked and found to <5 and <5 respectively.

On October 30, 1991, in the presence of fire and health officials, the tank was removed from the excavation, inspected for holes and corrosion and loaded onto DECON's flatbed truck. The tank was manifested and hauled to Erickson, Inc., a licensed TSD facility.

Under the direction of Pamela Evans, Alameda Co. Health, DECON extracted two samples from the soil beneath each end of the tank. The samples were analyzed for TPH-gasoline and B.T.X. & E. (Benzene, Toluene, Xylene and Ethylbenzene). Copies of the analytical results as well as all permits and manifests are enclosed.

Roy R. Breitenbach
Page 2

If you have any questions regarding this project please do not
hesitate to call me at (510) 732-6444.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony Cappella". The signature is fluid and cursive, with a large initial "A" and "C".

Anthony Cappella
Project Manager

cc: Pamela Evans, Alameda Co. Health
James Ferdinand, Eden Consolidated Fire District
Mike Tanzillo

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GC/FID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.
9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

	<u>SOIL PPM</u>	<u>WATER PPB</u>
TPH G	1.0	50.0
TPH D	1.0	50.0
BTX&E	0.005	0.5
O & G	50.0	5,000.0

10 August 1990

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE	MODIFIED PROTOCOL
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chromatogram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

12. REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal

JAN-23-92 TRG 11.34 REAL ESTATE OFFICES P.38

Regional Board Staff Recommendations
Preliminary Site Investigation

10 August 1990

from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.



DECON CONSOLIDATED
FIRE PROTECTION DISTRICT
 1150 COLLETT AVENUE, SUITE 100, ALAMEDA, CA 94501
 (415) 761-1100

FIRE PERMIT

NO: 21-1030
ISSUE DATE 10-20-91
EXPIRATION DATE 10-31-91

NAME OF APPLICANT
Decon Environmental

ADDRESS
 26107 Eden Landing Rd., Hayward, CA 94545 772-6444

THE BUSINESS AND ITS LOCATION LISTED ABOVE PURSUANT TO THE PROVISIONS OF THE ALAMEDA COUNTY FIRE CODE, HAVING MADE APPLICATION IN DUE FORM AND BEING IN COMPLIANCE WITH APPLICABLE CODES AND ORDINANCES, IS HEREBY GRANTED PERMISSION FOR THE FOLLOWING TYPES OF OPERATIONS:

Permit of one (1) 1000 Gallon underground fuel storage tank from
 21065 Redhill Blvd., Hayward

UPON ACCEPTANCE OF THIS PERMIT, THE PERMITTEE AGREES TO COMPLY WITH ALL ORDINANCE PROVISIONS NOW ADOPTED OR THAT MAY BE HEREAFTER ADOPTED

THIS PERMIT MUST BE KEPT ON THE PREMISES AT ALL TIMES

[Signature] *[Signature]*

**UNIFORM HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No. C 1 A 1 0 1 0 1 0 1 4 1 2 1 3 1 5	Manifest Document No. C 1 1 5 1 0 1 2	2 Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Roy K. Breitenbach 9986 E. Panof Drive Scottsdale AZ 85261		A. State Manifest Document Number 90661347	B. State Generator's ID
4. Generator's Phone (602) 457-3475	6. US EPA ID Number	C. State Transporter's ID 205880	D. Transporter's Phone (510) 732-5444
5. Transporter 1 Company Name DEXON Environmental Services, Inc.	7. Transporter 2 Company Name	E. State Transporter's ID	F. Transporter's Phone
8. US EPA ID Number	9. Designated Facility Name and Site Address Hedrick Distributors 210 Encinal Street Santa Cruz, CA 95060	G. State Facility's ID	H. Facility's Phone (408) 427-3773
10. US EPA ID Number	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No. Type	13. Total Quantity

a.	b.	c.	d.	14. Unit Wt/Vol	15. Waste No.
Non-HCRA Hazardous Waste Liquid Petroleum	1	DM	15 G	223	None

J. Additional Descriptions for Materials Listed Above
 Empty UST inerted with 15 lbs of dry ice per 1000 gallon capacity

K. Handling Codes for Wastes Listed Above

a.	b.
c.	d.

15. Special Handling Instructions and Additional Information
 Avoid contact. Wear appropriate protective clothing.
 EMERGENCY 24 HOUR PHONE NUMBER (510) 732-5444

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 MICHAEL R. TANSI, U.S. Army Facility	Signature <i>[Signature]</i>	Month Day Year 11/28/91
17. Transporter 1 Acknowledgement of Receipt of Materials	Printed/Typed Name JONATHAN D. PATTON	Signature <i>[Signature]</i>
18. Transporter 2 Acknowledgement of Receipt of Materials	Printed/Typed Name	Signature

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
--------------------	-----------	----------------

90661347
 GENERATOR
 TRANSPORTER
 FACILITY
 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

Do Not Write Below This Line

90661344
 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550
 GENERATOR
 TRANSPORTER
 FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C 8 C 0 0 0 6 4 2 4 8 9 6 6 9 0 1		Manifest Document No. 70750		2. Page of 1 Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Roy R. Bretenbach 9986 E. Fanfol Drive Scottsdale, AR 85258				A. State Manifest Document Number 90661344		B. State Generator's ID	
4. Generator's Phone (602) 457-3905				C. State Transporter's ID 205880		D. Transporter's Phone (510) 732-6444	
5. Transporter 1 Company Name DECON Environmental Services, Inc.		6. US EPA ID Number C A D 9 8 2 4 6 8 1 8 3		E. State Transporter's ID		F. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		G. State Facility's ID		H. Facility's Phone (415) 235-1393	
9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Boulevard Richmond, CA 94801				10. US EPA ID Number C A D 0 0 9 4 6 6 3 9 2			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity	
a. Non-RCRA hazardous waste, solid, empty UST				0 1 1 1 P 0 1 1 0 1 0		14. Unit Wt/Vol P	
						I. Waste No. State 512 EPA/Other None	
b.						State EPA/Other	
c.						State EPA/Other	
d.						State EPA/Other	
J. Additional Descriptions for Materials Listed Above empty UST inerted with 15 lbs of dry ice per 1000 gallon capacity				K. Handling Codes for Wastes Listed Above a. 1 b. c. d.			
15. Special Handling Instructions and Additional Information Avoid contact. Wear appropriate protective clothing when handling. EMERGENCY 24 HOUR PHONE NUMBER (510) 475-2901							
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 Michael Itan AS Agent For Owner				Signature <i>[Signature]</i>		Month Day Year 11/23/91	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name Jonathan D. Patton				Signature <i>[Signature]</i>		Month Day Year 11/23/91	
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	

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

II, III

Site ID # _____ Site Name Roy Breitenbach Today's Date 10/30/91

Site Address 21065 Joothill Blvd

City Hayward (Uniac) Zip 94541 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

Page 2

Removed 1 - 1000 gal tank - unleaded

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Tank was pulled today.

Two samples were taken at ~8-9', W+E end of tank pit. Soil was very rocky. Noticeable gasoline-like odor. Stockpile soils to be sampled at a later date prior to disposal.

Also present: Michael Janzillo, owner's representative, Jim Ferdinand w/ Eden Consolidated Fire

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N) _____
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- | | |
|--|---|
| General | <input type="checkbox"/> 1. Permit Application 25284 (H&S) |
| | <input type="checkbox"/> 2. Pipeline Leak Detection 25292 (H&S) |
| | <input type="checkbox"/> 3. Records Maintenance 2712 |
| | <input type="checkbox"/> 4. Release Report 2651 |
| | <input type="checkbox"/> 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | <input type="checkbox"/> 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose |
| | Semi-annual groundwater |
| | One time soils |
| | 3) Daily Vadose |
| | One time soils |
| | Annual tank test |
| | 4) Monthly Gndwater |
| | One time soils |
| | 5) Daily Inventory |
| | Annual tank testing |
| | Cont pipe leak det |
| | Vadose/gndwater mon. |
| 6) Daily Inventory | |
| Annual tank testing | |
| Cont pipe leak det | |
| 7) Weekly Tank Gauge | |
| Annual tank testing | |
| 8) Annual Tank Testing | |
| Daily Inventory | |
| 9) Other _____ | |
| New Tanks | <input type="checkbox"/> 7. Precs Tank Test 2643 |
| | Date: _____ |
| | <input type="checkbox"/> 8. Inventory Rec. 2644 |
| | <input type="checkbox"/> 9. Soil Testing . 2646 |
| <input type="checkbox"/> 10. Ground Water. 2647 | |
| <input type="checkbox"/> 11. Monitor Plan 2632 | |
| <input type="checkbox"/> 12. Access. Secure 2634 | |
| <input type="checkbox"/> 13. Plans Submit 2711 | |
| Date: _____ | |
| <input type="checkbox"/> 14. As Built 2635 | |
| Date: _____ | |

Contact: Anthony Cappella - Decon

Title: _____

Signature: _____

Inspector: _____
 Signature: Pamela J Evans

II, III

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Breitenbach Today's Date 10/28/91

Site Address 21065 Foothill Blvd

City Hayward Zip 94541 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

REMOVAL

Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Decon Environmental contracted with property owner Roy R. Breitenbach to remove a 500 gal former unleaded fuel tank.

Site conditions: No contact with/permit from Eden Consolidated Fire Prevention District. Consultant decided to put off the tank pull, ~1000gal tank. Tank condition: Visible holes present the length of the top of the tank. I didn't see the bottom. Samples taken: None today.

Soil conditions: Tank had not been removed from the pit at the time of my visit. I could not see what the pit looked like.

Decon put off tank removal until permit could be obtained from fire officials. Contractor's Project Manager: Anthony Cappella. Also present: Mammy Peterle, owner's agent (?). (Decon)

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus Plan Sids. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MAT'LS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N) 25524(c)
- 14. OffSite Conseq. Assess. 25534(d)
- 15. Probable Risk Assessment 25534(g)
- 16. Persons Responsible 25534(f)
- 17. Certification 25534(i)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General**
 - 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670
- Monitoring for Existing Tanks**
 - 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose Semi-annual groundwater One time soils
 - 3) Daily Vadose One time soils Annual tank test
 - 4) Monthly Groundwater One time soils
 - 5) Daily Inventory Annual tank testing Cont pipe leak det Vadose/groundwater mon.
 - 6) Daily Inventory Annual tank testing Cont pipe leak det
 - 7) Weekly Tank Gauge Annual tank testing
 - 8) Annual Tank Testing Daily Inventory
 - 9) Other _____
- New Tanks**
 - 7. Precs Tank Test Date: _____ 2643
 - 8. Inventory Rec. 2644
 - 9. Soil Testing . 2646
 - 10. Ground Water. 2647
 - 11. Monitor Plan 2632
 - 12. Access. Secure 2634
 - 13. Plans Submit Date: _____ 2711
 - 14. As Built Date: _____ 2635

Rev 8/88

Contact: _____
 Title: _____
 Signature: _____

Inspector: _____
 Signature: Pamela J Evans

II, III

18. Submit Worker's Compensation Certificate copy

Name of Insurer state fund

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief 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 an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is 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.

Signature of Contractor

Name (please type) Anthony Capella

Signature Anthony Capella

Date 10/1/91

Signature of Site Owner or Operator

Name (please type) _____

Signature _____

Date _____

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

January 16, 1991

Roy R. Breitenbach
2358 Loma Vista Dr.
Prescott AZ 86301-2129

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(415) 271-4300

RE: Requirement for Investigation of Soil Contamination from Former
Fuel Storage Tank at 21065 Foothill Blvd., Hayward 94541

Dear Mr. Breitenbach:

I have reviewed the tank removal report submitted for your site by Decon Environmental Services, Inc. As we discussed previously by telephone, the petroleum contamination found in soil in the course of the removal requires further investigation. The gasoline constituents found there pose a potential threat to groundwater beneath your site.

You are required to investigate the depth to groundwater to determine whether groundwater monitoring well installation is required at your property. Should your survey show that shallow groundwater is present, a minimum of three groundwater monitoring wells will be required onsite for your investigation. Wells must be sampled and samples chemically analyzed monthly for a minimum of three months. After three consecutive months of sampling, all monitoring wells must be sampled at least quarterly for a minimum of one year. You must monitor and chemically analyze for Total Petroleum Hydrocarbons as gasoline as well as benzene, toluene, ethyl benzene, and xylene (BTEX). A groundwater gradient map must be developed for the site.

A technical report must be submitted within three months of the time that the first sampling results are available. This report must present and interpret the information generated during the initial subsurface investigation. All reports and proposals must be signed by a qualified person. All work must be performed according to the guidelines found in the **Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks** and the **Leaking Underground Fuel Tank Manual**. Copies of these documents can be obtained from the RWQCB office in Oakland. All proposals, reports, and analytical results pertaining to this investigation and site remediation must be sent to this office and to:

Eddy So
RWQCB
2101 Webster St., 4th Floor
Oakland CA 94612

Your work plan must, at a minimum, address the items listed on Attachment 1 (enclosed). I strongly recommend that you submit your work plan for review to this office **before** beginning work at the site.

Roy Breitenbach
January 16, 1991
Page 2 of 2

Please fill out and return the enclosed Unauthorized Release Report to this office by January 31, 1992. A form is also being sent to Decon. It is the property owner's responsibility to see that the report is filled out and returned in a timely manner.

At the time the tank was removed, I discussed the requirements for sampling excavated soil with Anthony Cappella of Decon. Mr. Cappella stated that the excavated soil would be sampled at a later date. Such samples are required because backfill soils are frequently contaminated either from tank leaks or from overfills that occurred when the tank was filled. I see no sampling results or other file documents that indicate the excavated soil was sampled prior to being replaced. As part of your site investigation, you will need to sample this soil in order to determine whether it is contaminated.

You may contact me with any questions at (510)271-4320.

Sincerely,



Pamela J. Evans
Hazardous Materials Specialist

Enclosures

c: Eddy So, RWQCB
Anthony Cappella, Decon Environmental Services, Inc.
James Ferdinand, Eden Consolidated Fire Protection District
Donna La Komy, Cardinal Commercial Group

Project Specialist (print) Pamela J. Evans

10-8-91

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 415/271-4320

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, Third Floor
Oakland, CA 94612
Telephone: (415) 271-4327

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Check and sign attached Local Department are to ensure compliance with State and local laws. The project proposed is in compliance for the absence of any required permits or restrictions.

One copy of these accepted plans will be on file and available to all contractors and craftsmen involved with the removal.

Any change or alterations of plans must be submitted to the Department and to the Building Inspector. Changes must be made at least 48 hours prior to the following required inspections:

- Removal of Tank and Piping
 - Sampling
 - Final Inspection
- Permit of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.
- THESE ARE A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Business Name Roy R. Breitenbach
Business Owner Roy R. Breitenbach
2. Site Address 21065 Foothill Blvd.
City Hayward (unincorp.) Zip _____ Phone N/A
3. Mailing Address 9986 E. FANFOL DR.
City Scottsdale, Arizona Zip 85258 Phone (602) 451-3905
4. Land Owner same as above
Address _____ City, State _____ Zip _____
5. Generator name under which tank will be manifested Roy R. Breitenbach
EPA I.D. No. under which tank will be manifested CAC000642488

6. Contractor Decon Environmental
Address 26102 Eden Landing Rd. #4
City Hayward Phone 732-6444
License Type A-Haz. ID# 545726

7. Consultant _____
Address N/A
City _____ Phone _____

8. Contact Person for Investigation
Name Anthony Cappella Title PROJECT MANAGER
Phone 732-6444

9. Number of tanks being closed under this plan One
Length of piping being removed under this plan unknown
Total number of tanks at facility 1

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled **
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter
Name Decon Envir. Svcs. Inc. EPA I.D. No. CAD982468183
Hauler License No. 2592 License Exp. Date 3/3/92
Address 26102 Eden Landing Rd. #103
City Hayward State CA Zip 94545

b) Product/Residual Sludge/Rinsate Disposal Site
Name Hedrick Distributors EPA I.D. No. CAD068938222
Address 210 Encinal St.
City SANTA CRUZ State CA Zip 95060

c) Tank and Piping Transporter

Name DECON EPA I.D. No. CAD982468183
Hauler License No. 2592 License Exp. Date 3/31/92
Address 26102 Eden Landing Rd.
City Hayward State CA Zip 94525

d) Tank and Piping Disposal Site

Name ERICKSON Inc. EPA I.D. No. CAD009466392
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

11. Experienced Sample Collector

Name Anthony Cappella
Company Decon
Address _____
City _____ State _____ Zip _____ Phone _____

12. Laboratory

Name SEGODIA ANALYTICAL
Address 680 Chesapeake Dr.
City Redwood City State CA Zip 94063
State Certification No. 1210

13. Have tanks or pipes leaked in the past? Yes [] No [X]

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

WASHING WITH PRESSURE WASHER
VENTILATION
DRY ICE (20 lbs per 1000 gal. capacity)

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
500 gal.	LAST contained unleaded gasoline presently out of service	SOIL (groundwater if present)	One sample beneath tank no deep than 2 feet below bottom of tank.

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling Plan
20 yards ³	1 discreet sample for every 20 yd ³

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

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
TPH-G TPH	GLFID	5030	1 ppm - soil
BTEX	8020 or 8240	8020 - 8240	5 ppm - soil

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

Site Safety Plan

Background Info:

Project Name: BREITENBACH
Job Number: 669
Project Manager: Tony Cappella
Client Contact: Mike Tanzillo
Site Name: None
Site Address: 21065 Foothill Blvd. Hayward, CA
Overall Objective of Site Work: Removal of 1 500 gallon UST
Proposed Date of Site Work: Oct. 16, 1991
Source of Site Info: Client
Will Site Officials
Accompany Work Personnel: Yes
Work Time Limitations: No
Warning for Site Evacuation: Verbal

Site Description:

Current status: Abandoned Building
Prior status: Unknown
Materials Handled, Disposed, or Stored: Gasoline or diesel.
Potential Degradation
Products: Phenols, benzene, xylene,
toluene.
Industrial Processes/Procedures: Bulk handling of motor fuels.

HAZARDS: DESCRIPTION, PROTECTION AND MONITORING

The following substances are known or suspected to be currently or historically onsite:

<u>Substance</u>	<u>Physical State</u>	<u>TLV (ppm)</u>	<u>Exposure Characteristics</u>
Gasoline	Liquid	300	Headaches, Dizziness
Diesel fuel	Liquid		Skin Irritant

Potential Environmental Hazards: Spillage of gasoline or diesel fuel may cause soil or groundwater contamination.

Potential Worker Hazards: Excavation, heavy equipment, exposure to gasoline and diesel fuel.

Potential Physical Hazards Onsite:

Trenches
Noisy operations
Shallow ground water may be encountered

Overall Hazard Estimation: Low

The following levels of personal protection have been designated:
(NOTE: No eating, drinking or smoking is allowed in work areas)

Level of Protection: D

Location(s) to be used: Onsite.

Equipment to be used consists of hard hat, eye protection, work clothes, leather or neoprene boots with steel toes and shanks, and work gloves.

When to use: During all onsite work, dermal protection for all workers in contact with soil.

Level of Protection: C

Location to be used: Excavation area.

Equipment to consist of Level D protection plus dermal and respiratory protection including neoprene gloves, tyvek coveralls and American Optical air purifying respirators with AO-52 cartridge filters.

When to use: When TPH reading is greater than 100 ppm in breathing zone.

Required Decontamination Equipment: Pressure Washer

Disposal of Contaminated Materials or Equipment: Tank rinsate will be disposed of at a licensed disposal or recycling facility. Underground tanks will be disposed of as hazardous at a TSD facility where they will be triple rinsed and salvaged as scrap metal.

Monitoring

1. Direct Reading Monitoring Equipment

Equipment: LEL meter - O₂-H₂S

Location to be used: Excavation site

When to use: Prior to tank removal (15-20% LEL) to monitor work-conditions.

2. Action Levels for Monitoring Results:

Equipment: Explosimeter

Action Level: 15% LEL

Action (type and duration): Tank must be rendered inert, below LEL specified by inspector.

3. Medical Monitoring: None.

ONSITE ORGANIZATION AND COORDINATION

General

The following personnel are designed to carry out the stated job functions onsite:

Project Team Leader: Anthony Cappella

Site Safety Officer: Anthony Cappella

Contractors onsite (state function): DECON Environmental - tank excavation, removal.

Government Agency Reps: BAAQMD Reps. Alameda Co. Health Dept.

Site Access Control

Access to the site will be controlled such that no unauthorized person enters within the following boundaries: Within barricades or 25 feet of excavation.

EMERGENCY MEDICAL CARE AND PROCEDURES

Nearest emergency medical facility:
(see attached map)

Facility Name: St. Rose Hospital

Address: Tennyson Ave. Hayward

Telephone: (510) 782-6200

Emergency Telephone Numbers:

Fire: 911

Police: 911

Ambulance: 911

Hotline (e.g., Poison Control Center): (415) 666-2845

Emergency First Aid for Substances Present:

<u>Substance</u>	<u>Exposure Symptoms</u>	<u>First Aid</u>
Gasoline	Dizziness, nausea, headache	Evacuate to open air area
Diesel	Dizziness, nausea, headache	Evacuate to open air area

First Aid Equipment Onsite:

<u>Equipment</u>	<u>Location</u>
First Aid Kit	Adjacent to Excavation
Fire Extinguisher	Adjacent to Excavation
Emergency Eye Wash	Adjacent to Excavation

Onsite Emergency Procedures:

1. Personal injury or illness: Administer first aid; call ambulance if necessary; transport to Merrit Hospital.
2. Fire or Explosion: Turn off all motorized equipment; evacuate working area; meet at designated upwind location.
3. Earthquake: Turn off all motorized equipment; evacuate working area; meet at designated upwind location.
4. Hazardous Material Spill or Release: Turn off all motorized equipment; evacuate work area in an upwind direction of the spill or release; meet at designated upwind location.
5. Personal Protective Equipment Failure: If any site worker experiences a failure of alteration of protective equipment that affects the protection factor, that person and his/her buddy shall immediately leave the Exclusion Zone. Reentry shall not be permitted until the equipment has been repaired or replaced.

6. Other Equipment Failure: If any other equipment onsite fails to operate properly, the project team leader and site safety officer shall be notified and then shall determine the effect of this failure on continuing operations onsite. If the failure affects the safety of personnel or prevents completion of the work plan tasks, all personnel shall leave the Exclusion Zone until the situation is evaluated and appropriate actions taken.

Prepared By:

Anthony Cappella

Date

Reviewed By:

Dalton DeOrnellas

Date

Approved By:

Ken Kincaid

Date

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. "Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.
9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

	<u>SOIL PPM</u>	<u>WATER PPB</u>
TPH G	1.0	50.0
TPH D	1.0	50.0
BTX&E	0.005	0.5
O & G	50.0	5,000.0

TABLE #2
RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR
UNDERGROUND TANK LEAKS

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u>	<u>WATER ANALYSIS</u>
Unknown Fuel	TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) TPH D GCFID(3510) BTX&E 602, 624 or 8260
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA -----Optional----- TEL DHS-LUFT EDB DHS-AB1803	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA TEL DHS-LUFT EDB DHS-AB1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602, 624 or 8260
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Chlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260	CL HC 601 or 624 BTX&E 602 or 624 CL HC AND BTX&E 8260
Non-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602 or 624 TPH and BTX&E 8260
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F BTX&E 8020 or 8240 CL HC 8010 or 8240	TPH G GCFID(5030) TPH D GCFID(3510) O & G 5520 C & F BTX&E 602, 624 or 8260 CL HC 601 or 624
	ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni METHOD 8270 FOR SOIL OR WATER TO DETECT: PCB* PCP* PNA CREOSOTE	PCB PCP PNA CREOSOTE

* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990