FAX TRANSMISSION COVERSHEET

TO: Susan Hugo @ (510) 337-9335

FROM: Michael Noel @ ATC Environmental

REGARDING: BTEX Method for Watson Trust Property

DATE: 9/6/96 **TIME:** _____

NUMBER OF PAGES INCLUDING COVER SHEET _____ **IF YOU DO NOT RECEIVE ALL OF THE TRANSMISSION, PLEASE CALL (510) 229-2237.**

COMMENTS: _____

HYDROCARBONS, AROMATIC 1501

FORMULA: Table 1 MW: Table 1 CAS: Table 1 RTECS: Table 1

METHOD: 1501, Issue 2 EVALUATION: PARTIAL Issue 1: 15 February 1984
Issue 2: 15 August 1994

OSHA: Table 2
NIOSH: Table 2
ACGIH: Table 2

PROPERTIES: Table 1

COMPOUNDS: benzene, cumene, α-methylstyrene, styrene, vinyltoluene (Synonyms in Table 1); p-tert-butyltoluene, ethylbenzene, naphthalene, toluene, xylene

SAMPLING

SAMPLER: SOLID SORBENT TUBE (coconut shell charcoal, 100 mg/50 mg)

FLOW RATE, VOLUME: Table 3

SHIPMENT: routine

SAMPLE STABILITY: not determined

BLANKS: 2 to 10 field blanks per set

BULK SAMPLE: desirable, 1 to 10 mL; ship in separate containers from samples

ACCURACY

RANGE STUDIED: Table 3

BIAS: Table 3

OVERALL PRECISION ($\hat{S}_{rT}$): Table 3

ACCURACY: Table 3

MEASUREMENT

TECHNIQUE: GAS CHROMATOGRAPHY, FID

ANALYTE: hydrocarbons listed above

DESORPTION: 1 mL CS_2; stand 30 min

INJECTION VOLUME: 5 µL

TEMPERATURE-INJECTION: 225 °C
-DETECTOR: 225 °C
-COLUMN: see step 11

CARRIER GAS: N_2 or He, 25 mL/min

COLUMN: glass, 3.0 m x 2-mm, 10% OV-275 on 100/120 mesh Chromosorb W-AW or equivalent (Table 4)

CALIBRATION: analytes in CS_2

RANGE AND PRECISION ($\hat{S}_r$): Table 4

ESTIMATED LOD: 0.001 to 0.01 mg per sample with capillary column [1].

APPLICABILITY: This method is for peak, ceiling and TWA determinations of aromatic hydrocarbons. It may be used for simultaneous measurements, though there is the possibility that interactions between analytes may reduce the breakthrough volumes and change desorption efficiencies.

INTERFERENCES: Use of the recommended column will prevent interference by alkanes (≤ C_{12}). Under conditions of high humidity, the breakthrough volumes may be reduced by as much as 50%. Other volatile organic solvents, e.g., alcohols, ketones, ethers, and halogenated hydrocarbons, are possible interferences. If interference is suspected, use a less polar column or change column temperature.

OTHER METHODS: This method is based on and supersedes Methods P&CAM 127, benzene, [illegible] and xylene [2]; S311, benzene [4]; S22, p-tert-butyltoluene [3]; S23, cumene [3]; S29, ethylbenzene [3]; S[illegible]ene [3]; S292, naphthalene [4]; S30, styrene [3]; S343, toluene [4]; S25, vinyltoluene [3]; S316, xylene [4].

a. Remove and discard back sorbent section of a media blank sampler.
b. Inject a known amount of analyte (calibration stock solution for naphthalene) directly onto front sorbent section with a microliter syringe.
c. Cap the tube. Allow to stand overnight.
d. Desorb (steps 5 through 7) and analyze together with working standards (steps 11 through 13).
e. Prepare a graph of DE vs. mg analyte recovered.

10. Analyze three quality control blind spikes and three analyst spikes to insure that the calibration graph and DE graph are in control.

MEASUREMENT:

11. Set gas chromatograph according to manufacturer's recommendations and to conditions given on page 1501-1. Select appropriate column temperature:

Substance[a]	Approximate Retention Time (min), at Indicated Column Temperature: 50 °C	100 °C	150 °C	Programmed[b]
benzene	2.5			2.5
toluene	4.3	1.1		4.2
xylene (para)	7.0	1.4		5.2
ethylbenzene	7.0	1.4		5.5
xylene (meta)	7.2	1.5		5.6
cumene	6.3	1.6		6.0
xylene (ortho)	10	1.9		6.5
styrene	16	2.6		7.6
α-methylstyrene		3.2	1.0	8.1
vinyltoluene (meta)		3.8	1.2	8.5
naphthalene		25	4.3	12

[a] Data not available for p-tert-butyltoluene and p-vinyltoluene.
[b] Temperature program: 50 °C for 3 min, then 15 °C/min to 200 °C.

NOTE: Alternatively, column and temperature may be taken from Table 4.

12. Inject sample aliquot manually using solvent flush technique or with autosampler.
NOTE: If peak area is above the linear range of the working standards, dilute with eluent, reanalyze and apply the appropriate dilution factor in calculations.
13. Measure peak area.

CALCULATIONS:

14. Determine the mass, mg (corrected for DE) of analyte found in the sample front (W_f) and back (W_b) sorbent sections, and in the average media blank front (B_f) and back (B_b) sorbent sections.
NOTE: If $W_b > W_f/10$, report breakthrough and possible sample loss.
15. Calculate concentration, C, of analyte in the air volume sampled, V (L):

$$C = \frac{(W_f + W_b - B_f - B_b) \cdot 10^3}{V}, \text{ mg/m}^3$$

REAGENTS:

1. Eluent: Carbon disulfide*, chromatographic quality containing (optional) suitable internal standard.
2. Analytes, reagent grade.*
3. Nitrogen or helium, purified.
4. Hydrogen, prepurified.
5. Air, filtered.
6. Naphthalene calibration stock solution, 0.40 g/mL in CS_2.

* See SPECIAL PRECAUTIONS.

EQUIPMENT:

1. Sampler: glass tube, 7 cm long, 6-mm OD, 4-mm ID, flame-sealed ends, containing two sections of activated (600 °C) coconut shell charcoal (front = 100 mg, back = 50 mg) separated by a 2-mm urethane foam plug. A silylated glass wool plug precedes the front section and a 3-mm urethane foam plug follows the back section. Pressure drop across the tube at 1 L/min airflow must be less than 3.4 kPa. Tubes are commercially available.
2. Personal sampling pumps, 0.01 to 1 L/min (Table 3), with flexible connecting tubing.
3. Gas chromatograph, FID, integrator, and column (page 1501-1).
4. Vials, glass, 1-mL, with PTFE-lined caps.
5. Pipet, 1-mL, and pipet bulb.
6. Syringes, 5-, 10-, 25- and 100-µL.
7. Volumetric flasks, 10-mL.

SPECIAL PRECAUTIONS: Carbon disulfide is toxic and extremely flammable (flash point = −30 °C); benzene is a suspect carcinogen. Prepare samples and standards in a well-ventilated hood.

SAMPLING:

1. Calibrate each personal sampling pump with a representative sampler in line.
2. Break the ends of the sampler immediately before sampling. Attach sampler to personal sampling pump with flexible tubing.
3. Sample at an accurately known flow rate between 0.01 and 0.2 L/min (to 1 L/min for naphthalene or styrene) for a total sample size as shown in Table 3.
4. Cap the samplers with plastic (not rubber) caps and pack securely for shipment.

SAMPLE PREPARATION:

5. Place the front and back sorbent sections of the sampler tube in separate vials. Discard the glass wool and foam plugs.
6. Add 1.0 mL eluent to each vial. Attach crimp cap to each vial immediately.
7. Allow to stand at least 30 min with occasional agitation.

CALIBRATION AND QUALITY CONTROL:

8. Calibrate daily with at least six working standards over the appropriate range (ca. 0.01 to 10 mg analyte per sample; see Table 4).
   a. Add known amounts of analyte (calibration stock solution for naphthalene) to [illegible] 10-mL volumetric flasks and dilute to the mark.
   b. Analyze together with samples and blanks (steps 11 through 13).
   c. Prepare calibration graph (peak area of analyte vs. mg analyte per sample).
9. Determine desorption efficiency (DE) at least once for each batch of charcoal used for sampling in the calibration range (step 8). Prepare three tubes at each of five levels plus three media blanks.

Table 2. Permissible exposure limits, ppm [6-11].

Substance	OSHA TWA	OSHA C	OSHA Peak	NIOSH TWA	NIOSH C	ACGIH TLV	ACGIH STEL	mg/m³ per ppm
benzene	10	25	50[a]	1		10**	25**	3.19
p-tert-butyltoluene	10					10	20	6.06
cumene	50	(skin)				50	75 (skin)	4.91
ethylbenzene	100					100	125	4.34
α-methylstyrene		100				50	100	4.83
naphthalene	10					10	15	5.24
styrene	100	200	600[b]	50	100	50	100	4.26
toluene	200	300	500[a]	100	200*	100	150 (skin)	3.77
vinyltoluene	100					50	100	4.83
xylene	100			100	200*	100	150	4.34

[a]Maximum duration 10 min in 8 hr.
[b]Maximum duration 5 min in any 3 hr.
**ACGIH: suspect carcinogen [10].
* 10-min sample.

Table 3. Sampling flowrate[a], volume, capacity, range, overall bias and precision [3,4,12].

Substance	Sampling Flowrate (L/min)	Sampling Volume (L) VOL-NOM	Sampling Volume (L) VOL-MAX[b]	Breakthrough Volume @ Concentration (L)	Breakthrough Volume @ Concentration (mg/m³)	Range at VOL-NOM (mg/m³)	Overall Bias (%)	Overall Precision (s_r)
benzene	≤0.20	2[c]	30	>45	149	42- 165	0.8	0.059
p-tert-butyltoluene	≤0.20	10	29	44	112	29- 119	-10.4	0.071[d]
cumene	≤0.20	10	30	>45	480	120- 480	4.6	0.059
ethylbenzene	≤0.20	10	24	35	917	222- 884	-8.1	0.089[d]
α-methylstyrene	≤0.20	3[f]	30	>45	940	236- 943	-10.8	0.061[d]
naphthalene[e]	≤1.0	200	200	>240	81	19- 83	-0.5	0.055
styrene	≤1.0	5[g]	14	21	1710	426-1710	-10.7	0.058[d]
toluene	≤0.20	2[c]	8	12	2294	548-2190	3.8	0.052
vinyltoluene	≤0.20	10	24	36	952	256- 970	-9.5	0.061[d]
xylene	≤0.20	12	23	35	870	218- 870	-2.1	0.060

[a]Minimum recommended flow is 0.01 L/min.
[b]Approximately two-thirds the breakthrough volume, except for naphthalene.
[c]10-min sample.
[d]Corrected value, calculated from data in Reference 12.
[e]Naphthalene shows poor desorption efficiency at low loading; 100-L minimum volume is recommended.
[f]15-min sample.
[g]5-min sample.

PCC Property Contamination Control, Inc.

2220 LIVINGSTON STREET, SUITE 208 • OAKLAND, CALIFORNIA 94606 (415) 532-2442

90 APR 19 AM 11:21

Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way Room # 200
Oakland, CA. 94621

Attention ; Mr. Dennis Byrne

April 18, 1990

Re; Project U552817 1461 Park Ave. Emeryville, CA.

Dear Mr. Byrne, attached you will find the tank closure documents for the removal project at 1461 Park Ave. Emeryville, CA.

You will find in the analytical results that gasoline contamination is present in the soils. I have forwarded this information to the building owners with a proposal to remediate the contaminated soil and install monitoring wells on this site.

Sincerely,

Ron Richmond
Property Contamination Control, Inc.

ALPHA CHEMICAL & BIOMEDICAL LABORATORIES

Joe E. Hodgkins, Ph.D.
Director

March 28, 1990

Property Contamination Control, Inc.
Attn: Ron Richmond
2220 Livingston Street / Suite 208
Oakland, CA. 94606

REPORT
TOTAL PETROLEUM HYDROCARBONS AS GASOLINE/DIESEL/BTXE
pH/ORGANIC LEAD
RE: WESTERN BRAKE BUILDING, EMERYVILLE

Sample Identification:

Location	:	Western Brake , 1461 Park Ave., Emeryville. See map.
ACBL Sample # 8340	:	# 1, soil, diesel tank excavation pit. Taken from the south wall of the pit, 6' form SW corner. Depth = 5', 1' above water level.
# 8341	:	# 2, water, taken from diesel tank excavation pit.
# 8342	:	# 3, soil, gas tank excavation pit. Taken from south wall of pit in the SE corner. Depth = 4', 1' above water level.
# 8343	:	# 4, soil, gas tank excavation pit. Taken from north wall of pit, 3' from NW corner. Depth = 4', 1' above water level.
# 8344	:	# 5 water, taken from gas tank excavation pit.
# 8345	:	Travel Blank.
Date sampled	:	3/14/90, 2:00 to 4:00 pm by Scott Forbes, ACBL chemist.
Received in Lab	:	3/14/90, 5:30 pm.

Analysis:

Total Petroleum Hydrocarbons as Gasoline, by EPA Method 5030/Ca.
Dept of Health Service method, LUFT Manual.
Analysis date: 3/23/90

Total Petroleum Hydrocarbons as Diesel, by EPA Method 3550/Ca.
Dept of Health Services method, LUFT Manual.
Analysis date: 3/19/90

BTXE by EPA Method 5030/8020.
Analysis date: 3/23/90

pH by EPA Method 150.1
Analysis date: 3/16/90

Organic Lead by AA-Graphite Furnace, SDH Method, LUFT Manual, 1988.
Analysis date: 3/20/90

Results:

	# 8340	Detection Limit
Benzene	17.3 ug/kg	5 ug/kg
Toluene	2600 ug/kg	5 ug/kg
Xylenes	100400 ug/kg	15 ug/kg
Ethylbenzene	481 ug/kg	5 ug/kg
Total Petroleum Hydrocarbons, as gasoline	1580 mg/kg	10 mg/kg
Total Petroleum Hydrocarbons, as diesel	ND	10 mg/kg

(water sample)

	# 8341	Detection Limit
Benzene	5240 ug/L	.3 ug/L
Toluene	7040 ug/L	.3 ug/L
Xylenes	15000 ug/L	.6 ug/L
Ethylbenzene	2420 ug/L	.3 ug/L
Total Petroleum Hydrocarbons, as gasoline	110000 ug/L	50 ug/L
Total Petroleum Hydrocarbons, as diesel	ND	720 ug/L *

* Method Detection Limit higher than normal due to extreme hydrocarbon background from gasoline.

ND = None Detected

Results:

	# 8342	Detection Limit
Benzene	1600 ug/kg	5 ug/kg
Toluene	9140 ug/kg	5 ug/kg
Xylenes	32300 ug/kg	15 ug/kg
Ethylbenzene	5080 ug/kg	5 ug/kg
Total Petroleum Hydrocarbons, as gasoline	460 mg/kg	10 mg/kg
Total Petroleum Hydrocarbons, as diesel	ND	10 mg/kg
Organic Lead	ND	0.01 mg/kg

	# 8343	Detection Limit
Benzene	9.8 ug/kg	5 ug/kg
Toluene	207 ug/kg	5 ug/kg
Xylenes	947 ug/kg	15 ug/kg
Ethylbenzene	32.9 ug/kg	5 ug/kg
Total Petroleum Hydrocarbons, as gasoline	62.3 mg/kg	10 mg/kg
Organic Lead	ND	0.01 mg/kg

ND = None Detected

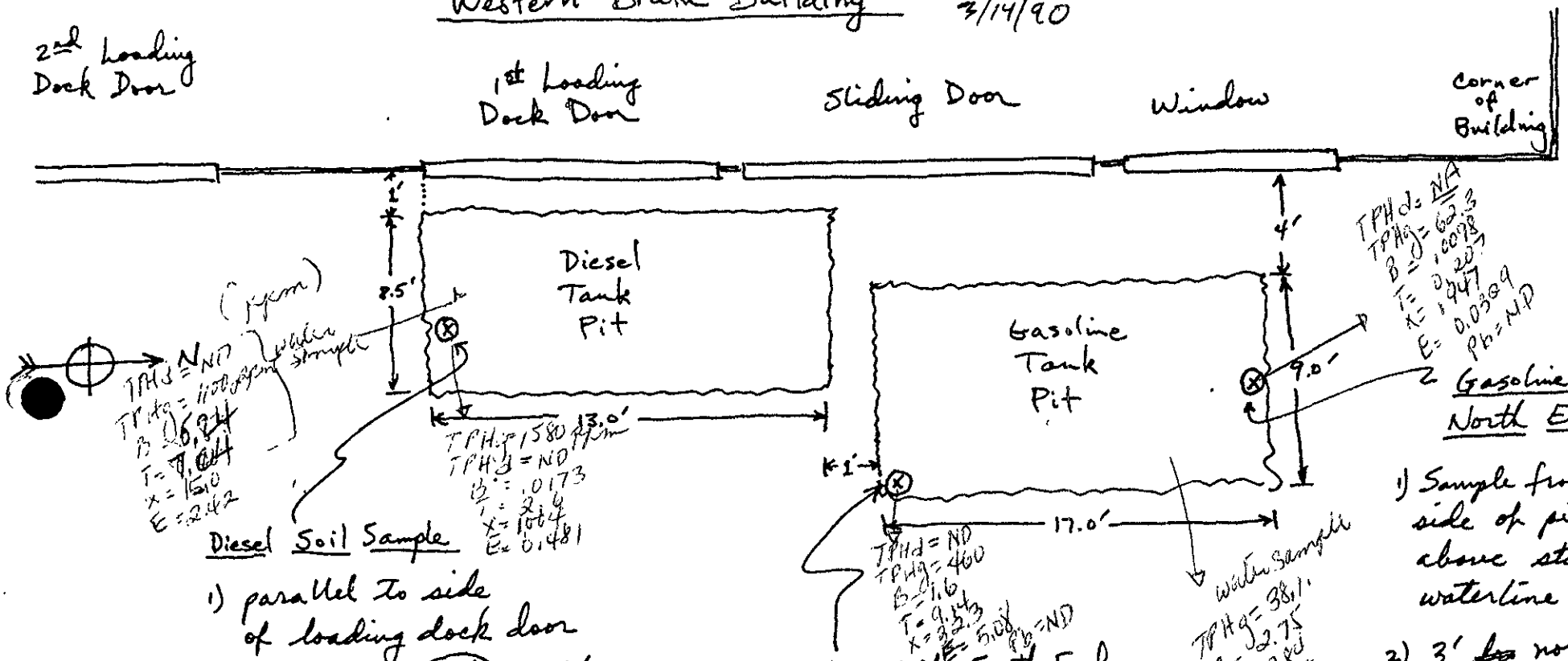
Results:

	(water sample UST) # 8344	Detection Limit
Benzene	2750 ug/L	.3 ug/L
Toluene	2840 ug/L	.3 ug/L
Xylenes	5890 ug/L	.6 ug/L
Ethylbenzene	1160 ug/L	.3 ug/L
Total Petroleum Hydrocarbons, as gasoline	38100 ug/L	50 ug/L
pH	6.85	

Joe E. Hodgkins, Ph.D., C.T.
Laboratory Director

Enclosures (Chain of Custody, Map)

Western Drake Building 3/14/90



Diesel Soil Sample

1) parallel to side of loading dock door
2) On south ~~side~~ of pit 5' from surface (not from bottom of pit)
3) 7' from side of building
4) Standing water in bottom of pit, sample taken above water mark

Gasoline Soil - South End

1) Sample taken from side of pit, above standing waterline
2) Sample taken in corner, 4' from surface.
3) Sample 11' from wall of building, 5½' ~~south~~ north of the north end of the loading dock door

Gasoline Soil North End

1) Sample from side of pit, above standi waterline.
2) 3' ~~fro~~ north of south side of window — 7' from wall of building
3) 4' from surface

Diesel Tank ~ 500 gals - 6" standing water covering 1/3 of pit floor.

Gasoline Tank ~ 3000 gals - 6" to 12" standing water covering most of

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

EMERGENCY ☐ YES ☑ NO — HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☑ NO

REPORT DATE: 04/02/90 — CASE #:

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFTY CODE.

SIGNED _____ DATE _____

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Rod Richmond — PHONE: (415) 582-2442 — SIGNATURE: Rod Richmond

REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____ — COMPANY OR AGENCY NAME: Property Contamination Control, Inc

ADDRESS: 2220 Livingston St # 208 (STREET) Oakland (CITY) CA (STATE) 94606 (ZIP)

RESPONSIBLE PARTY

NAME: Union Bank ☐ UNKNOWN — CONTACT PERSON: Donna Greenlee — PHONE: (213) 236-7315

ADDRESS: 445 So. Figueroa St (STREET) Los Angeles (CITY) CA (STATE) 90071-1602 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE) — OPERATOR — PHONE ( )

ADDRESS: 1461 Park Ave (STREET) Emeryville (CITY) CA (STATE) Alameda (COUNTY) (ZIP)

CROSS STREET: Horton St — TYPE OF AREA ☒ COMMERCIAL ☐ INDUSTRIAL ☐ RURAL ☐ RESIDENTIAL ☐ OTHER _____ — TYPE OF BUSINESS ☐ RETAIL FUEL STATION ☐ FARM ☒ OTHER _____

IMPLEMENTING AGENCIES

LOCAL AGENCY — AGENCY NAME — CONTACT PERSON — PHONE ( )

REGIONAL BOARD — PHONE ( )

SUBSTANCES INVOLVED

(1) NAME — QUANTITY LOST (GALLONS) _____ ☒ UNKNOWN

(2) _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 03/14/90 — HOW DISCOVERED ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER _____

DATE DISCHARGE BEGAN: M M D D Y Y ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE 03/14/90

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☐ REPLACE TANK ☒ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☐ OTHER _____

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☒ TANK LEAK ☐ UNKNOWN ☐ PIPING LEAK ☐ OTHER

TANKS ONLY/CAPACITY: 500 / 3000 GAL. — AGE _____ YRS ☒ UNKNOWN

MATERIAL: ☐ FIBERGLASS ☒ STEEL ☐ OTHER _____

CAUSE(S): ☐ OVERFILL ☒ RUPTURE/FAILURE ☐ CORROSION ☐ UNKNOWN ☐ SPILL ☐ 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
☒ SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) ☐ CLEANUP IN PROGRESS ☐ SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)
☐ NO ACTION TAKEN ☐ POST CLEANUP MONITORING IN PROGRESS ☐ NO FUNDS AVAILABLE TO PROCEED ☐ EVALUATING CLEANUP ALTERNATIVES

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ TREATMENT AT HOOKUP (HU) ☐ NO ACTION REQUIRED (NA) ☐ OTHER (OT) _____

COMMENTS

HSC 05 (4/87)

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC000183917
Manifest Document No.: 71136
2. Page 1 of 1

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

3. Generator's Name and Mailing Address: UNION Bank 455 S. Figueroa St Los Angeles CA 90071
4. Generator's Phone (213) 236-7330

A. State Manifest Document Number: 88122515
B. State Generator's ID

5. Transporter 1 Company Name: ~~Erickson Trucking Inc.~~
6. US EPA ID Number: ~~CAD009466392~~

C. State Transporter's ID: C01219
D. Transporter's Phone: (415) 235-1393

7. Transporter 2 Company Name: EST Services of Ca
8. US EPA ID Number: CAD 98864805

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address:
Erickson Inc.
255 Parr Blvd.
Richmond, CA 94801

10. US EPA ID Number: CAD009466392

G. State Facility's ID
H. Facility's Phone: (415) 235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste empty storage tanks California Regulated Waste Only	001	TP	3500	P	State 512; EPA/Other None
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above

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

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats, safety glasses when working around U.S.T's

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

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

GENERATOR
Printed/Typed Name: Ron Richmond for Union Bank
Signature: [signature]
Month Day Year: 10 31 4 90

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert Armstrong
Signature: [signature]
Month Day Year: 03 14 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY
19. Discrepancy Indication Space
Not the 1st Hauler Had to Have driver Sign Name 2nd Transporter Line

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

DHS 8022 A (1/88)
EPA 8700—22
(Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95812-0400

8 8122515
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

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

REGULATION 8, RULE 40
Aeration of Contaminanted Soil and
Removal of Underground Storage Tanks

NOTIFICATION FORM

☑ Removal or Replacement of Tanks
☐ Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS 1461 Park Ave
CITY, STATE, ZIP Emeryville, CA 94608
OWNER NAME Union Bank
SPECIFIC LOCATION OF PROJECT N.E. Corner of Park Ave & Horton St

TANK REMOVAL

SCHEDULED STARTUP DATE 3-13-90

VAPORS REMOVED BY:

[ ] WATER WASH
[X] VAPOR FREEING (CO^2)
[ ] VENTILATION

CONTAMINATED SOIL EXCAVATION

SCHEDULED STARTUP DATE _____

STOCKPILES WILL BE COVERED? YES ____ NO ____

ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):

_____
(MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME Lindsey Backhoe Service CONTACT Hines Lindsey
ADDRESS 2959 San Pablo Ave PHONE (415) 848-5559
CITY, STATE, ZIP Berkeley, CA 94702

CONSULTANT INFORMATION
(IF APPLICABLE)

NAME Property Contamination Control Inc CONTACT Ron Richmond
ADDRESS 2220 Livingston St #208 PHONE (415) 532-2442
CITY, STATE, ZIP Oakland, CA 94606

FOR OFFICE USE ONLY

DATE RECEIVED _____ BY _____ (INIT.)

CC: INSPECTOR NO. _____ DATE _____ BY _____ (INIT.)

TELEPHONE UPDATE: CALLER _____ CHANGE MADE _____

BAAQMD N # _____

3/89

Contractor's License #: 271610 Type A

NOTE: Gen. Engineering "A" or Ltd. Specialty C-61/D40 license is required to remove UG tanks.

APPLICATION FOR PERMIT TO OPERATE, MAINTAIN OR STORE

Make check payable to: CITY OF EMERYVILLE

Mail to: Emeryville Fire Department
Fire Prevention Bureau
6303 Hollis Street
Emeryville, CA 94608

PHONE: 655-7678

F.P.B. Permit No. 1124

Due Date:

Original X

Renewal

~~operate~~
~~XXXX~~
To: ~~maintain~~ Remove UG tank(s) ☐ Specify use if Public Assembly
~~store~~

Pursuant to Section 4.108 of uniform Fire Code 1988 edition

Application made by: Property Contamination Control, Inc

Location: ~~1461~~ Park
Emeryville

Signed Jon Richmond Phone # (415) 532-2442
Applicant

Date: 09/01/89

Fee: $40.00 p/tank

Cash ____ Ck. No. ✓

Receipt No.

Received by: G. Warren
-2 tanks = $80.00

DO NOT WRITE BELOW THIS LINE

Plans submitted? Yes Checked by: Alameda County Dept. of Environmental Health
(GROUP-TYPE AND AREA)

Occupancy Group? Other Occupancies in Building?

Floor to be Used: Area to be Used? sq. ft. Previous Occupancy?

BUILDING: Height Stories, ft. Type of Construction? Is there a basement?

Location-Exterior Wall Openings? Type of Protection

Is there 20 sq. ft. of Opening in every 50' on one exterior wall in—Cellar? Basement? Story?

Distance from Property Line on North? South? East? West?

EXITS: Number? Total Width? How far Apart? Do Exits Lead to Street?

Number of Exits from Hazardous Area (over 200 sq. ft.)? Panic Bars?

Do Doors Swing Out? Exit Signs? Illuminated?

Number of Stairways? Width? Open or Enclosed?

Exterior Stairway or Fire Escape? (WHICH) Where Located? Distance from Street?

FIRE PROTECTION: Standpipes: Wet? Dry? Sprinklers?

Number and Type of Extinguishers?

Other Fire Protection?

Is Flameproofing Required? Is it Satisfactory?

DATE OF INSPECTION:

REMARKS: -EFD requires 24-hr. notice prior to removal/compliance with County Dept. of Environmental Health requirements/15-lbs. of CO_2 required for each 1,000 gallon capacity per tank(inerting purposes)

Signed George Warren No.
FIRE INSPECTOR

EMERYVILLE FIRE DEPARTMENT
FIRE PREVENTION BUREAU
6303 HOLLIS STREET
EMERYVILLE, CA 94608
655-7678

CITY OF EMERYVILLE

FIRE CODE PERMIT No 1124

PERMISSION IS HEREBY GRANTED Property Contamination Control, Inc.

TO ~~OPERATE~~ ~~MAINTAIN~~ ~~STORE~~ Remove UG fuel ~~tank~~ tank(s)

ON PREMISES LOCATED AT 1461 Park Ave.

PERIODIC INSPECTIONS ARE A CONDITION OF THIS PERMIT WHICH IS ISSUED IN ACCORDANCE WITH UNIFORM FIRE CODE, AS SPECIFIED IN SECTION 4.108 OF SAID CODE.

ADDITION REQUIREMENTS EFD requires 24-hr notice prior to removal

ENG. CO. DISTRICT # D2 EXPIRATION DATE: 9/30/89

THIS PERMIT MUST BE POSTED WITH BUSINESS LICENSE

PERMIT APPROVED BY

Gerald Warren 9-1-89

FIRE MARSHAL DATE

CHAIN OF CUSTODY RECORD

ALPHA CHEMICAL & BIOMEDICAL LABORATORIES

CLIENT
NAME: Ron Richmond
ADDRESS: 2220 Livingston St., Suite 208
Oakland, CA. 94606
PHONE:

PROJECT: Western Brake Building
SAMPLER (signature): Scott Forbes

ACBL SAMPLE NO.	COLLECTED Date/Time	SAMPLE IDENTIFICATION	NO. of Containers	ANALYSIS: TPH-Gas	TPH-Diesel	BTXE	Organic Lead	pH	REMARKS/ SAMPLE CONDITION ON RECEIPT
8340	3/14/90 2:00	1) Diesel Tank - South end - Soil	2	X	X	X			Soil in brass tube w/ foil-cap-tape
8341	2:10	2) Diesel Tank - Water	2	X	X	X			Water in 1 liter EPA jar
8342	3:40	3) Gas Tank - South end - Soil	3	X	X	X	X		Soil in brass tube w/ foil-cap-tape
8343	3:50	4) Gas Tank - North end - Soil	3	X		X	X		" " " " " "
8344	4:00	5) Gas Tank - Water	4	X		X		X	Water in 40ml VOA Vials
8345		6) Travel Blank	1						" " " " "

Relinquished by (signature):	Date/Time	Received by (signature):	Relinquished by (signature):	Date/Time	Received by (signature):
Scott Forbes	3/14/90 5:30				
Relinquished by (signature):	Date/Time	Received by (signature):	Received in Laboratory by (signature):	Date/Time	
			Janet Nilson	3/14/90 5:30	

REMARKS