

TANK CLOSURE REPORT

AUTOMOBILE SERVICE COMPANY
820 Isabella Street
Oakland, CA 94607

Prepared For:
MR. HENRY SUICO
820 Isabella Street
Oakland, CA 94607

Submitted By:
BERNABE & BRINKER, INC.
2240 Wood Street
Oakland, CA 94606
(510) 451-3482

Prepared by:
Mark R. Varney
March 28, 1997

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ENVIRONMENTAL
PROTECTION
97 MAR -4 PM 2:37

1.0 INTRODUCTION

The subject site is located at 820 Isabella Street, in the City of Oakland in Alameda County, California (see Figure 1), and is occupied by the Automotive Service Company (ASC). The contact person for ASC is Mr. Henry Suico, whose telephone number is (510) 444-7131.

Bernabe & Brinker, Inc. (B&B) was contracted by ASC to remove a 55-gallon waste oil tank from the site. A hydraulic lift pit was also excavated (see Figure 2).

This report documents tank closure and hydraulic lift excavation activities at the subject site.

2.0 TANK REMOVAL

Prior to beginning tank removal activities, B&B contacted the Bay Area Air Quality Management District (BAAQMD) and obtained an Underground Storage Tank Removal Permit from the City of Oakland, attached in Appendix A.

On August 19, 1996, tank removal activities began by removing asphalt from over the tank. Next, soil was excavated from over and around the tank in order to hoist it to ground level. Additionally, the former hydraulic lift pit was excavated to a depth of 7 feet. A total of about 5 cubic yards of soil were excavated during tank and lift removal activities. *My notes say 10 yd³*

Apparent hydrocarbon contamination, as evidenced by stains and odor, was apparent in the soil within the tank excavation. Overexcavation of the apparently contaminated soil reached a maximum depth of about 9 feet. The soil was placed on top of and covered with plastic. The groundwater table was not encountered during excavation activities.

Prior to removal from the excavation, the tanks were purged of flammable vapors by displacement with 200 pounds of dry ice and tested with a combustible gas indicator. After being hoisted to the ground tanks were examined for evidence of leakage by Mr. Britt Johnson of the Oakland Fire Department (OFD), Jennifer Eberle from the Alameda County Health Care Services Agency (ACHCSA) and B&B. The tank was of single-wall, steel construction and in poor condition as evidenced by rust and several observable holes.

The tank was transported off site by Erickson, Inc., as hazardous waste under Uniform Hazardous Waste Manifest, State Manifest Document Number 95269982, for disposal at their location at 255 Parr Boulevard in Richmond, California 94801 (see Appendix B).

Tank removal and subsequent soil sampling activities were conducted in accordance with the California Regional Water Quality Control Board-San Francisco Bay Region's (CRWQCB) "Tri-Regional Board Staff

Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites", dated 10 August, 1990.

2.1 Soil Sampling and Chemical Analyses

After removal of the tank, two discrete soil samples were collected from the floor of the tank excavation and a 2 to 1 composite sample was collected from the stockpiled soil for chemical analysis at the locations shown in Figure 2. Soil samples S-1 and S-2 were collected in native soil beneath the tank at depths of about 6.5 and 9 feet, respectively. The samples were collected by driving a clean 2-inch diameter by 6-inch long brass tube into the soil recovered by backhoe bucket with a slide-hammer corer.

Soil samples SP1 and SP-2 collected from the stockpiled soil for composite chemical analysis were collected directly into brass tubes driven by a slide-hammer corer at depths of about 2.5 feet below the stockpile surface.

After collecting each sample, the brass tube ends were quickly covered with Teflon sheeting and capped with plastic end-caps. Each tube was labeled to show site address, project number, sample name and depth, date and time collected, and sampler name and stored in an iced-cooler.

Samples collected from the excavation area and stockpile were transported to California Department of Health Services (DHS) certified McCampbell Analytical, Inc. located in Pacheco, California accompanied by chain-of-custody documentation.

All soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHG) by the United States Environmental Protection Agency (EPA) methods 5030/8015M; for total petroleum hydrocarbons as diesel (TPHD) by EPA methods 3550/8015M; for methyl t-butyl ether (MTBE) and benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA method 8020; for total recoverable hydrocarbons as oil and grease (TRPH) by EPA method 418.1 and Standard Method 5520 C&F; and for cadmium, chromium, lead, nickel and zinc (METALS) by EPA methods 6010/200.7. Samples S-1 and S-2 were additionally analyzed for volatile organic compounds (VOC) by EPA method 601/8010.

2.1.1. Analytical Results

TPHG was detected in soil samples S-1, S-2 and SP-1,2 at concentrations of 110 parts per million (ppm), 73 ppm and 100 ppm, respectively; TPHD was detected at concentrations of 240 ppm, 85 ppm, and 180 ppm, respectively. Some or all BTEX chemicals were detected and MTBE was nondetect. The reader is referred to Table 1 for a summary of MTBE and BTEX chemical concentrations.

TRPH was detected in samples S-1, S-2 and SP-1,2 at concentrations of 3900 ppm, 750 ppm and 2000 ppm, respectively. Results are summarized in Table 2.

1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene and tetrachloethene were detected in samples S-1 and S-2. Results for VOC analysis are summarized in Table 3. ✓

All METALS were detected in the samples, with the exception of cadmium, and are summarized in Table 4. ✓

Analytical results are presented as certified analytical reports and chain-of-custody documentation in Appendix C. ✓

3.0 DISPOSITION OF EXCAVATION AND STOCKPILED SOIL

On February 28, 1997, the stockpiled soil was sampled for disposal by Allwaste Transportation & Remediation. The samples were analyzed by Advanced Technology Laboratories located in Signal Hill, California using EPA methods 8010 and 8270. Results were nondetect for all analyses. The certified laboratory reports and chain-of-custody documentation are included in Appendix C.

On March 12, 1997, B&B backfilled the excavation with sand and compacted the excavation to grade.

On March 20, 1997, Allwaste disposed of about 9 tons of soil from the excavation. The soil was transported to Alta Environmental (B&I Sanitary landfill) in Vacaville, California, under Non-hazardous Waste Manifest B2097 attached in Appendix B. Syd³

It has been Bernabe and Brinker's pleasure to be of service to you. Any questions pertaining to conditions of this report can be directly addressed to Bernabe and Brinker, Inc.

Sincerely,



Mark R. Varney
Geologist



FIGURES

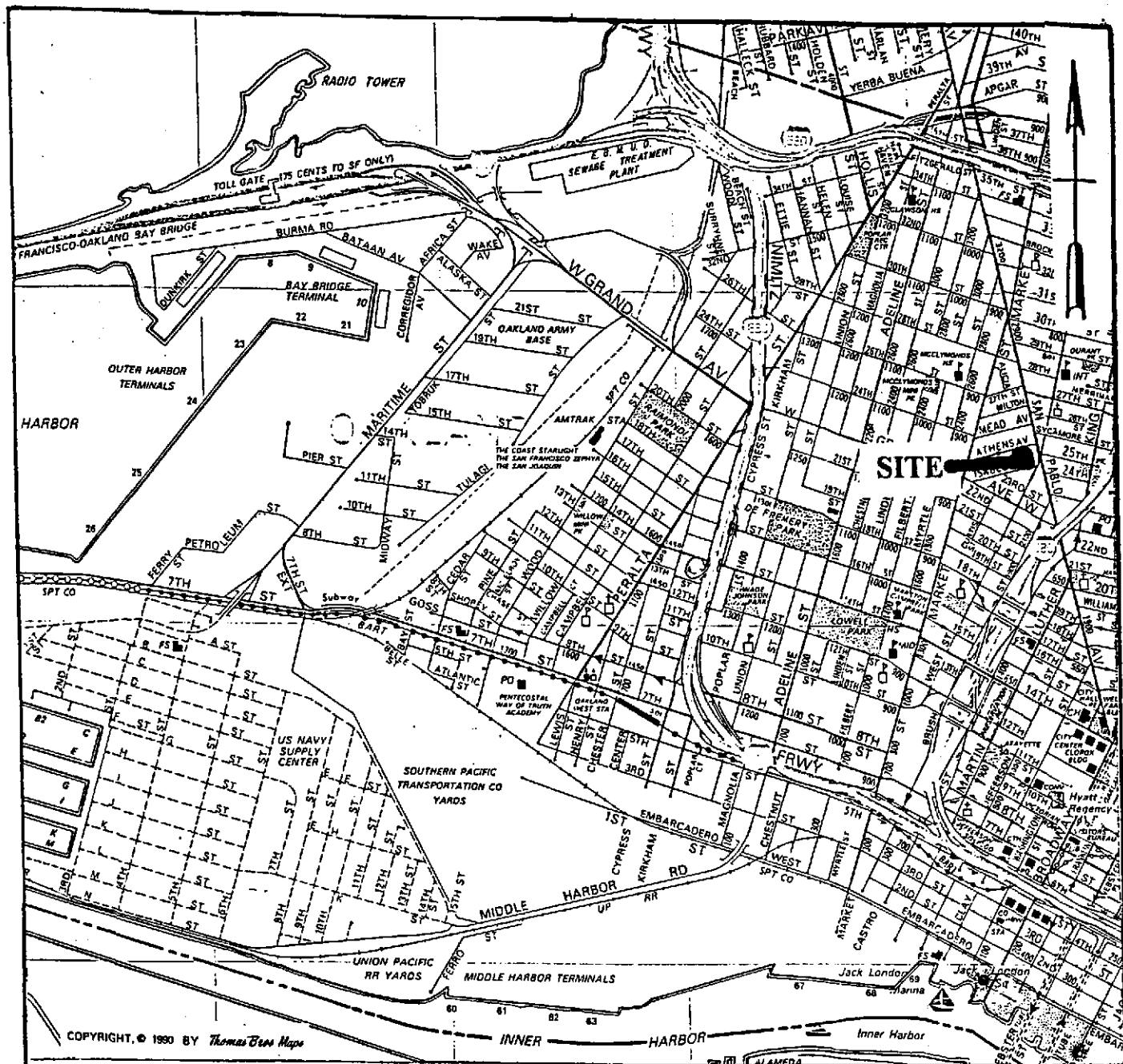
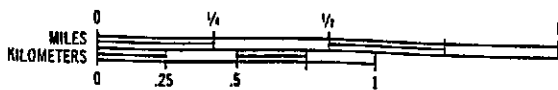


FIGURE 1.

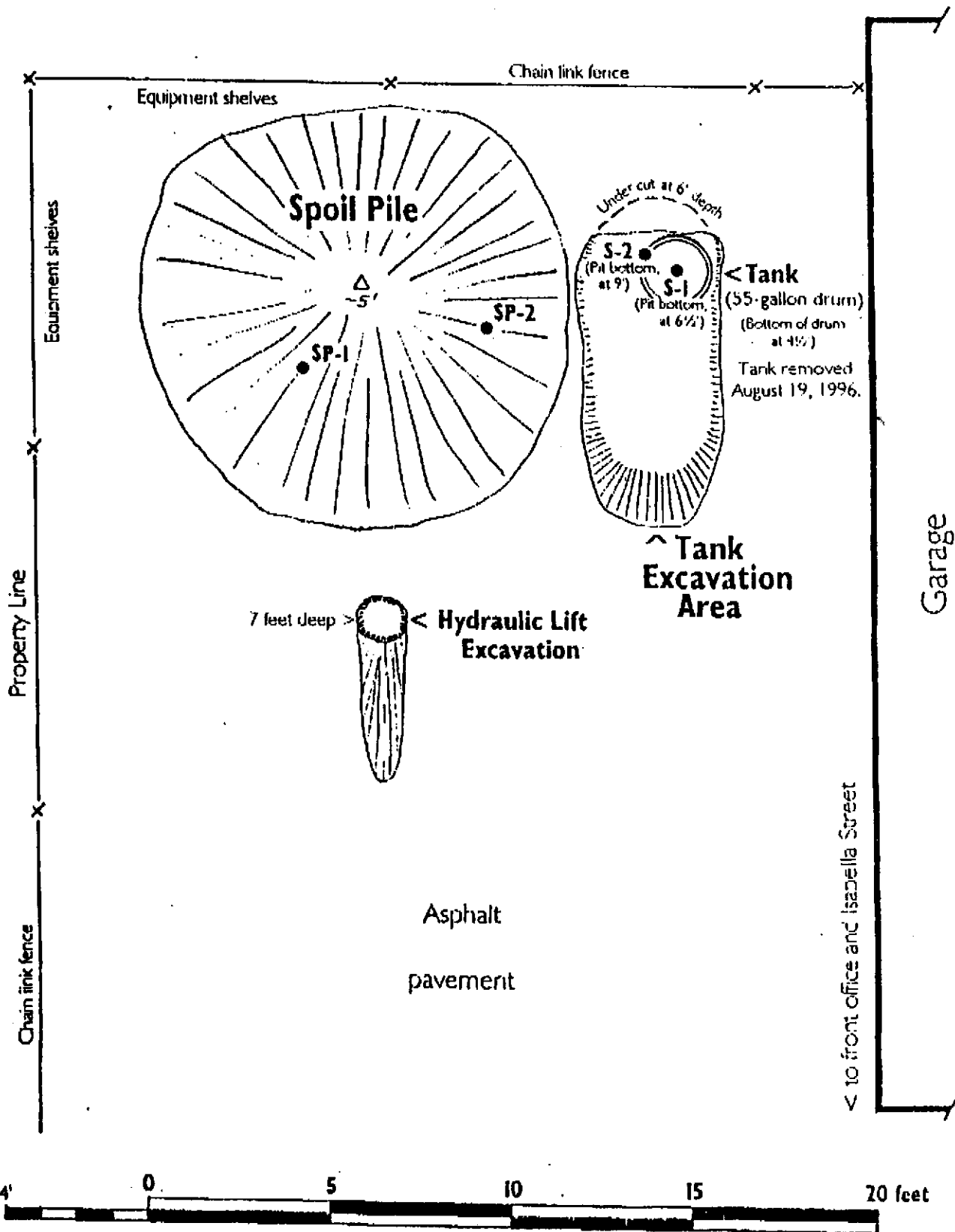
SITE LOCATION MAP

820 ISABELLA STREET

SCALE OF DETAIL MAPS
1 INCH TO 2200 FEET *



BERNABE & BRINKER, INC.



● S-, SP- Soil samples taken August 19, 1996.

FIGURE 2. SITE PLAN

Plan derived from field measurements by Epigene International, Fremont, California, August 19, 1996.

BERNABE & BRINKER, INC.



TABLES

Sample	Date	TPHG	TPHD	MTBE	Benzene	Toluene	Ethyl- benzene	Xylenes
S-1	8/19/96	110 ✓	240 ✓	ND<0.06 ✓	0.026 ✓	0.44 ✓	0.62 ✓	1.7 ✓
S-2	8/19/96	73 ✓	85 ✓	ND<0.06 ✓	ND ✓	0.23 ✓	0.27 ✓	0.90 ✓
SP1,2[1]	8/19/96	100 ✓	180 ✓	ND ✓	ND	0.17 ✓	0.52 ✓	0.75 ✓
RL[2]	-----	1.0	1.0	0.05	0.005 ✓	0.005	0.005	0.005

TABLE 1. RESULTS OF SOIL SAMPLE ANALYSIS (ppm) FOR TPH, MTBE AND BTEX FOR 820 ISABELLA STREET, OAKLAND

[1] COMPOSITE STOCKPILE SAMPLE

[2] REPORTING LIMIT

↘
cont

Sample	Date	TRPH
S-1	8/19/96	3900 ✓
S-2	8/19/96	750 ✓
SP1,2[1]	8/19/96	2000 ✓
RL[2]	-----	10

TABLE 2. RESULTS OF SOIL SAMPLE ANALYSIS (ppm) FOR TRPH FOR 820 ISABELLA STREET, OAKLAND

[1] COMPOSITE STOCKPILE SAMPLE

[2] REPORTING LIMIT

↙
cont

Sample	Date	1,2-DCB[1] ✓	1,3-DCB ✓	1,4-DCB ✓	TCE[2] ✓
S-1	8/19/96	1100 ✓	190 ✓	460 ✓	33 ✓
S-2	8/19/96	290 ✓	55 ✓	100 ✓	28 ✓
RL[3]	-----	5	5	5	5

TABLE 3. RESULTS OF SOIL SAMPLE ANALYSIS (ppb) FOR VOC FOR 820 ISABELLA STREET, OAKLAND

- [1] DICHLOROBENZENE
- [2] TETRACHLORETHENE
- [3] REPORTING LIMIT

↓
cont

Sample	Date	Cadmium	Chromium	Lead	Nickel	Zinc
S-1	8/19/96	ND	40	7.1	56	45
S-2	8/19/96	ND	38	7.1	67	51
SP1,2[1]	8/19/96	ND	42	7.0	110	40
RL[2]	-----	0.5	0.5	3.0	2.0	1.0

TABLE 4. SOIL SAMPLE ANALYSIS (ppm) FOR METALS FOR 820 ISABELLA STREET, OAKLAND

[1] STOCKPILE COMPOSITE SAMPLE

[2] REPORTING LIMIT

APPENDIX A

PERMITS AND RECEIPTS

Excavation Permit Granted _____ No. _____

CITY OF OAKLAND

Tank Permit

Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks. No. 61-96

Oakland, California, August 13 19 96

PERMISSION IS HEREBY GRANTED TO ~~XXXXX~~ ~~XXXXXX~~ remove ~~XXXXXX~~ ~~XXXXXX~~ Gasoline tank and excavate commencing _____ feet inside property line

on the _____ side of _____ Street Avenue _____ feet _____ of _____ Street Avenue _____

House No. 820 Isabella St. Present Storage waste oil

Owner Henry Suice Address 820 Isabella Phone 444-7131

Applicant Bernabe & Brinker Inc. Address 2240 Wood St. Phone 451-3482

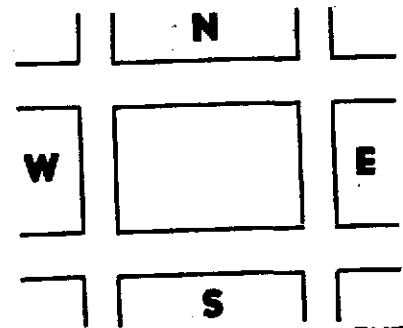
Dimensions of street (sidewalk) surface to be disturbed _____ X _____ Number of Tanks 1 Capacity 200 Gallons, each.

Remarks: _____

This Permit is granted in accordance with existing City Ordinances.
 Owner hereby agrees to remove tanks on discontinuance of use or when notified by the City Authorities.
 When installing, removing or repairing tanks, no open flame to be on or near premises.

Approved _____ Fire Marshal

Approved _____ Drainage Division Engineering Dept.



EXCAVATING PERMIT

Issued in accordance with Ord. No. 278 CMS, Sec. 6-2.04

_____ square feet of digging or removal granted.

The receipt of \$ _____ special deposit is hereby acknowledged.

GENERAL DEPOSIT.

BUREAU OF PERMITS AND LICENSES.

Inspection Fee Paid \$ 150.00

Received by D. Clemons ck#2416 rec#741190
FIRE PREVENTION BUREAU

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and passed on Aug 19 1996

By [Signature] Fire Marshal

55 GALLON DRAIN

NOTICE

Before Covering Tanks, Above Certificate Must Be Signed.

When ready for inspection notify Fire Prevention Bureau, 273-3851

THIS PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR.



City of Oakland
CASH RECEIPT

Cash Receipt No 741190

Cash Receipt Voucher # C R

Cash
Check

Payment Received from: *Bernabe and Brunter, Inc*
DIRECT CASH CREDITS *1287-30th 2240 Wood St. Oakland 94607*

Item	Remarks	Fund/SF	Organization	Account	Proj/Grant/ Cost Ctr/WO	Yr	Loc	Task	Dept Specific	Fixed Asset No	Trans ID	Revenue Source	Amount
1	<i>Junk removal</i>	<i>10100</i>	<i>20310</i>	<i>42412</i>		<i>97</i>							<i>50.00</i>
2													.
3													.
4													.
5													.
												SUBTOTAL	<i>150.00</i>

Auxiliary Receipt Reference # *820 Isabella Street*
 Explanation: *CK # 2416*

ACCOUNTS RECEIVABLES

Item	Description	Customer Number	Invoice Number	Amount
1				.
2				.
3				.
4				.
5				.
SUBTOTAL				.
TOTAL				<i>150.00</i>

Fire Prevention
 Department Collecting the Cash
Receiv (Clemens) 8/12/96
 Received by

Received by: _____ Entered by: _____
 Treasury Section
 RRCC or Grant Fiscal Affairs

REF. / ACCT. # R

COUNTY OF ALAMEDA
OFFICE OF THE AUDITOR-CONTROLLER

MISCELLANEOUS RECEIPT No 773702

\$ 1030⁰⁰

DOLLARS

<input type="checkbox"/> CASH	<input checked="" type="checkbox"/> PERSONAL/CASHIER'S CHECK/M. O. # <u>1010193826</u>	<input type="checkbox"/> OTHER: _____
RECEIVED FROM: <u>Bernabe & Brinker Inc</u>		
FOR: <u>Auto. Srv. Co. 820 Isabella Oak CA 94607</u>		
DATE: <u>7-26-96</u>	RECEIVED BY: <u>[Signature]</u>	DEPT. NO.: <u>4580</u>

110-1 (Rev 10/83) 0123E (08)

Distribution: White - Payor Yellow & Pink - Depart.



Tidewater SAND & GRAVEL, INC.

4501 TIDEWATER AVENUE • OAKLAND, CALIFORNIA 94601 • TELEPHONE (510) 281-8532

WEIGHMASTER'S CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

DATE 03/12/97	CUSTOMER NO. 115	TICKET NO. 547704	LOAD NO.
DELIVERY ADDRESS BURNABE & BRINKER INC ALTO SERV. CNTR 820 ISABELLA ST OAKLAND		CUSTOMER NAME CASH SALES 2101	CK# 1049 JB
MATERIAL BACKFILL SAND	PRODUCT NO. 0001	TONS TODAY 13.00	
TRUCK NO. 00000102	GROSS TONS 23.80		WEIGHED AT LOCATION: 001 OAK = 001 4501 Tidewater Ave., Oakland, CA SFO = 002 3301 Third St., San Francisco, CA MTZ = 003 200 Waterfront Rd., MTZ, CA
STAND-BY TIME PRICE 15.050 X 13 = 195.65 16.14 211.79	TARE TONS 10.80		
	NET TONS 13.00		
DRIVER ON <input checked="" type="checkbox"/> TIME OUT 12:34:20 A J. Brinkes RECEIVED BY	TIDEWATER SAND & GRAVEL, INC. WEIGHMASTER DEPUTY		

WE WILL NOT BE RESPONSIBLE FOR
DAMAGE DUE TO CROSSING SIDEWALKS

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

WEIGHMASTER CERTIFICATE

Weighmaster: B AND J LANDFILL
Weighed @ 6426 HAY RD.
VACAVILLE

Allwaste

TICKET NO.: 32883
DATE: 3/20/97 In: 13:27 Out: 13:51
Price/Unit:

Account:
ALTA ENVIR/NON NORDAL
6426 HAY ROAD
VACAVILLE

#1 - Eggs

Commodity: CONTAMINATED SOIL, TIER A

Total Charge:
Tendered: \$0.00
Change: \$0.00

Source: OAKLAND
Inbound Weight: 40660 lbs.
SCALE B

Route:
Gross Weight lbs.
Tare Weight lbs.
Net Weight lbs.

Truck No.: CP34480

[Signature]
P.O. #: DRIVERS SIGNATURE

Job #: 1786757

E/L #:

[Signature]
JILL FISHER
DEPUTY WEIGHMASTER

BJ

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

Weighmaster: B AND J LANDFILL
Weighed @ 6426 HAY RD.
VACAVILLE

INBOUND NO. 32883
TRUCK NUMBER 1

DATE: 3/20/97 13:37

Account:
ALTA ENVIR/NON NORDAL
6426 HAY ROAD
VACAVILLE
Source: OAKLAND

Commodity: CONTAMINATED SOIL, TIER A

Charge/Unit:
Total Charge: \$0.00
Tendered: \$0.00
Change: \$0.00

License No.: CP34480 Route:

Inbound Weight: 40660 lbs. SCALE A

JILL FISHER

BJ

P.O. #: DRIVERS SIGNATURE

Job #: 1786757B/L #:

DEPUTY WEIGHMASTER



APPENDIX B

DISPOSAL MANIFESTS

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAC00127653600966		Manifest Document No. 0966		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.									
3. Generator's Name and Mailing Address Automobile Service Co, 850 Isabella - Oakland, California				A. State Manifest Document Number 95269982		B. State Generator's ID											
4. Generator's Phone 510 444-7131				6. US EPA ID Number CA D 9 8 2 4 3 8 5 6 6		C. State Transporter's ID											
5. Transporter 1 Company Name Dexanna				D. Transporter's Phone (510) 687-1292		E. State Transporter's ID											
7. Transporter 2 Company Name				8. US EPA ID Number		F. Transporter's Phone											
9. Designated Facility Name and Site Address Erickson, Inc. - 255 Parr Blvd. Richmond, California 94801				10. US EPA ID Number CA D 0 0 9 4 6 6 3 9 2		G. State Facility's ID CA D 0 0 9 4 6 6 3 9 2											
H. Facility's Phone (510) 235-1393				12. Containers		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.				No.		Type				State 512							
				001		T, P		90055 P				EPA/Other NONE					
												State					
												EPA/Other					
												State					
										EPA/Other							
J. Additional Descriptions for Materials Listed Above Tank # 18594. Qty. 1 Empty Storage Tank has been inerted with 15 lbs. DRY ICE per 1000 gallons capacity.				K. Handling Codes for Wastes Listed Above a. b. c. d.													
15. Special Handling Instructions and Additional Information Keep away from sources of ignition. Site Location: 820 Isabella - Oakland, California 24 Hr. Contact Name: Henry Suico & Phone # (510) 444-7131																	
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 HENRY SUICO				Signature <i>Henry Suico</i>				Month 08		Day 19		Year 96					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name JAMES R. COX				Signature <i>James R. Cox</i>				Month 08		Day 19		Year 96					
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	

DO NOT WRITE BELOW THIS LINE.

Automobile Service Co
920 Isabella

Shipper's No.

Carrier

Agent's No. 0966

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at Oakland Calif. 3/19 1996 from Bernabe + Brinker, Inc.

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination if so initially agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law whether printed or written hereon contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to Erickson, Inc. 255 Parr Blvd.

Destination Richmond, State of Calif. Zip Code 94801 County of Contra Costa

Routing Dexanna Delivering Carrier Dexanna Vehicle or Car Initial 2 X No. T-1

Collect On Delivery 270.00 and remit to: Dexanna CB #2429

C. O. D. charge to be paid by Shipper Consignee

Street _____ City _____ State _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

No. Packages	Description of Articles, Special Marks, and Exceptions	Weight (Sub. to Car.)	Class or Rate	Check Column
1	<p>Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.</p> <p>Manifest # 95269982 Tank # 18594</p> <p>Loading Time: <u>13:00</u> to <u>13:45</u> - <u>3/4 H.</u></p>	100 lbs.		

(Signature of Consignor)
If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received \$ _____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier
Per _____ (the signature here acknowledges only the amount Prepaid.)

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per \$ _____

Bernabe + Brinker, Inc. Shipper, Per Dexanna Agent, Per J.P. [Signature]

Permanent post-office address of shipper,

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

#1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA L 000019176032097
Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address
Automobile Service Company
820 Teabella Street, Oakland, CA 94607-3430
032097

4. Generator's Phone (510) 441-7131

5. Transporter 1 Company Name
Allwaste Transportation & Remediation, Inc.
6. US EPA ID Number
CA D 063547996

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

9. Designated Facility Name and Site Address
385 Sanitary Landfill
6426 Hay Road
Vacaville, CA 95687
10. US EPA ID Number
CA D 982042475

A. Transporter's Phone 108.683.0447
B. Transporter's Phone
C. Facility's Phone 707-451-3276

11. Waste Shipping Name and Description

12. Containers No. Type
13. Total Quantity
14. Unit W/Vol

a. Non Hazardous Soil

001CM 00008 Y

b.
c.
d.

D. Additional Descriptions for Materials Listed Above
AD2496. Soil

E. Handling Codes for Wastes Listed Above
03

15. Special Handling Instructions and Additional Information
Wear Protective Clothing & Eyewear
24 Hour Emergency Contact: Allwaste: 1-800-321-1030: Joe Negrete
SO# 8017-26 PO# 1786757

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Jennifer Suico

Signature
Jennifer Suico
Month Day Year
3 20 97

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
FRANK JACKSON

Signature
Frank Jackson
Month Day Year
3 20 97

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 waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Bill A Fisher

Signature
Bill A Fisher
Month Day Year
03 20 97

GENERATOR
TRANSPORTER
FACILITY



APPENDIX C

**CERTIFIED LABORATORY
REPORT
AND
CHAIN-OF-CUSTODY**

CHAIN OF CUSTODY

Laboratory: McCampbell Analytical
 110 2nd Avenue South, D-7
 Pacheco, California 94553.
 telephone: (510) 798-1620 FAX: (510) 798-1622
 Contact: Ed Hamilton



7023AEI98
Epigene International

CONSULTING GEOLOGISTS
 38750 Paseo Padre Parkway, Suite A-11
 Fremont, California, 94536
 Business: (510) 781-1986 FAX: (510) 791-3306

Contact: Jack Alt Sampler: Mike D
 Project Name: 820 Isabella Street, Oakland
 Project no. 96-168 Date: August 19, 1996

Sample I.D.	Date/Time Sampled	Matrix Desc.	Container No. of	Type	Comments	Analytes Requested										Lab. #	
						TPH/Gasoline	STEX	TPH/Diesel	601/8010	602/8020	Total Oil & Grease	5 Metals	MTSR				
1. S-1	Aug 19 ~2:00 pm	soil	1	brass tube		X	X	X	X		X	+	+				68108
2. S-2	" ~2:00 pm	"	"	"		X	X	X	X		X	X	X				68109
3. SP-1	" ~3:30 pm	"	"	"	} composite 2 tot												
4. SP-2	" ~3:30 pm	"	"	"		X	X	X			X	X	X				68110
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

Relinquished by: <u>[Signature]</u>	Date: <u>8/20/96</u>	Time: <u>1:25</u>	Received by: <u>[Signature]</u>	Date: <u>8-20-96</u>	Time: <u>1:25 PM</u>
Relinquished by: <u>[Signature]</u>	Date: <u>8-20-96</u>	Time: <u>2:00 PM</u>	Received by: <u>[Signature]</u>	Date: <u>8-20-96</u>	Time: <u>2:30 PM</u>
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Turnaround Time: Standard
 Additional Comments: 096 by 5520
 Page 1 of 1

McCAMPBELL ANALYTICAL INC.	110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 510-798-1620 Fax: 510-798-1622
-----------------------------------	--

Epigene International 38750 Paseo Padre Pkwy, # A-11 Fremont, CA 94536	Client Project ID: # 96-168; 820 Isabella Street, Oakland	Date Sampled: 08/19/96
	Client Contact: John Alt	Date Received: 08/20/96
	Client P.O.:	Date Extracted: 08/20/96
		Date Analyzed: 08/20-08/26/96


Volatile Halocarbons

EPA method 601 or 810

Lab ID	68108	68109	
Client ID	S-1	S-2	
Matrix	S	S	
Compound	Concentration		
Bromodichloromethane	ND < 25	ND < 15	
Bromoform ^(b)	ND < 25	ND < 15	
Bromomethane	ND < 25	ND < 15	
Carbon Tetrachloride ^(c)	ND < 25	ND < 15	
Chlorobenzene	ND < 25	ND < 15	
Chloroethane	ND < 25	ND < 15	
2-Chloroethyl Vinyl Ether ^(d)	ND < 25	ND < 15	
Chloroform ^(e)	ND < 25	ND < 15	
Chloromethane	ND < 25	ND < 15	
Dibromochloromethane	ND < 25	ND < 15	
1,2-Dichlorobenzene	1100	290	
1,3-Dichlorobenzene	190	55	
1,4-Dichlorobenzene	460	100	
Dichlorodifluoromethane	ND < 25	ND < 15	
1,1-Dichloroethane	ND < 25	ND < 15	
1,2-Dichloroethane	ND < 25	ND < 15	
1,1-Dichloroethene	ND < 25	ND < 15	
cis 1,2-Dichloroethene	ND < 25	ND < 15	
trans 1,2-Dichloroethene	ND < 25	ND < 15	
1,2-Dichloropropane	ND < 25	ND < 15	
cis 1,3-Dichloropropene	ND < 25	ND < 15	
trans 1,3-Dichloropropene	ND < 25	ND < 15	
Methylene Chloride ^(f)	ND < 100	ND < 60	
1,1,2,2-Tetrachloroethane	ND < 25	ND < 15	
Tetrachloroethene	33	28	
1,1,1-Trichloroethane	ND < 25	ND < 15	
1,1,2-Trichloroethane	ND < 25	ND < 15	
Trichloroethene	ND < 25	ND < 15	
Trichlorofluoromethane	ND < 25	ND < 15	
Vinyl Chloride ^(g)	ND < 25	ND < 15	
% Recovery Surrogate	117	117	
Comments			

* water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg and all TCLP extracts in ug/L.
 Reporting limit unless otherwise stated: water/TCLP extracts, ND < 0.5ug/L, soil and sludge, ND < 5ug/kg
 ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis
 (b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethane; (e) trichloromethane; (f) dichloromethane, (g) chloroethene;
 (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~ 5 vol. % sediment.
 DHS Certification No. 1644

EH Edward Hamilton, Lab Director

 *Advanced Technology
Laboratories*

March 6, 1997

ELAP No.: 1838

Allwaste Transportation & Remediation, Inc.
PO Box 150/12475 Llagas Ave
San Martin, CA 95046

ATTN: Mr. Roger Dockter

Client's Project #: CT-28
Lab No.: 15910-001/005

Gentlemen:

Enclosed are the results for sample(s) received by Advanced Technology Laboratories on and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (310) 989 - 4045 if I can be of further assistance to your company.

Sincerely,



Edgar P. Caballero
Laboratory Director
EPCvms

Enclosures

This cover letter is an integral part of this analytical report.

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

Client: Allwaste Transportation & Remediation, Inc.
 Attn: Mr. Roger Dockter

Client's Project: CT-28

Date Received: 03/01/97
 Matrix: Soil
 Units: ug/kg
 Extraction Method: 3550

8270

EPA Method 8270

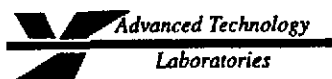
Lab No.:	Method Blank	15940-001	LCS				
Client Sample I.D.:	--	Stockpiled Soil	--				
Date Sampled:	--	02/28/97	--				
QC Batch #:	R978270S047	R978270S047	R978270S047				
Date Extracted:	03/04/97	03/04/97	03/04/97				
Date Analyzed:	03/04/97	03/05/97	03/04/97				
Analyst Initials:	DC	DC	DC				
Dilution Factor:	1	5 *	1				
ANALYTE	MDL	DLR	Results	DLR	Results	%Rec.	Limits
Phenol	330	330	ND	1650	ND	63	11-142
bis(2-Chloroethyl)ether	330	330	ND	1650	ND	82	11-142
2-Chlorophenol	330	330	ND	1650	ND	62	11-142
1,3-Dichlorobenzene	330	330	ND	1650	ND	61	11-142
1,4-Dichlorobenzene	330	330	ND	1650	ND	61	11-142
Benzyl Alcohol	660	660	ND	3300	ND	71	11-142
1,2-Dichlorobenzene	330	330	ND	1650	ND	64	11-142
2-Methylphenol	330	330	ND	1650	ND	72	11-142
bis(2-chloroisopropyl)ether	330	330	ND	1650	ND	109	11-142
n-Nitroso-di-n-propylamine	330	330	ND	1650	ND	52	11-142
4-Methylphenol	330	330	ND	1650	ND	94	11-142
Hexachloroethane	330	330	ND	1650	ND	59	11-142
Nitrobenzene	330	330	ND	1650	ND	62	11-142
Isophorone	330	330	ND	1650	ND	64	11-142
2-Nitrophenol	330	330	ND	1650	ND	68	11-142
2,4-Dimethylphenol	330	330	ND	1650	ND	66	11-142
bis(2-Chloroethoxy)methane	330	330	ND	1650	ND	55	11-142
2,4-Dichlorophenol	330	330	ND	1650	ND	68	11-142
Benzoic Acid	1650	1650	ND	8250	ND	NS	11-142
1,2,4-Trichlorobenzene	330	330	ND	1650	ND	67	11-142
Naphthalene	330	330	ND	1650	ND	63	11-142
4-Chloroaniline	660	660	ND	3300	ND	58	11-142
Hexachlorobutadiene	330	330	ND	1650	ND	65	11-142
4-Chloro-3-methylphenol	660	660	ND	3300	ND	71	11-142
2-Methylnaphthalene	330	330	ND	1650	ND	71	11-142
Hexachlorocyclopentadiene	660	660	ND	3300	ND	48	11-142
2,4,6-Trichlorophenol	330	330	ND	1650	ND	65	11-142
2,4,5-Trichlorophenol	500	500	ND	2500	ND	71	11-142
2-Chloronaphthalene	330	330	ND	1650	ND	72	11-142
2-Nitroaniline	1650	1650	ND	8250	ND	74	11-142
Dimethylphthalate	330	330	ND	1650	ND	67	11-142
Acenaphthylene	330	330	ND	1650	ND	71	11-142
2,6-Dinitrotoluene	330	330	ND	1650	ND	75	11-142
3-Nitroaniline	1650	1650	ND	8250	ND	84	11-142

- MDL = Method Detection Limit
- ND = Not Detected (Below DLR)
- DLR = MDL x Dilution Factor
- NA = Not Analyzed
- NS = Not Spiked
- * = Dilution was made due to matrix interference.

Approved/Reviewed By: *Yun Pan*
 Yun Pan
 Department Supervisor

Date: 3/7/97

The cover letter is an integral part of this analytical report.



Client: Allwaste Transportation & Remediation, Inc.

Attn: Mr. Roger Dockter

Client's Project: CT-28

Date Received: 03/01/97

Matrix: Soil

Units: ug/kg

Extraction Method: 3550

EPA Method 8270 (Cont'd)

Lab No.:	Method Blank		15940-001		LCS									
Client Sample I.D.:	---		Stockpiled Soil		---									
ANALYTE	MDL	DLR	Results	DLR	Results	%Rec.	Limits							
Acenaphthene	330	330	ND	1650	ND	66	11-142							
2,4-Dinitrophenol	1650	1650	ND	8250	ND	88	11-142							
Dibenzofuran	330	330	ND	1650	ND	68	11-142							
4-Nitrophenol	1650	1650	ND	8250	ND	61	11-142							
2,4-Dinitrotoluene	330	330	ND	1650	ND	74	11-142							
Fluorene	330	330	ND	1650	ND	64	11-142							
Diethylphthalate	330	330	ND	1650	ND	67	11-142							
4-Chlorophenyl-phenyl ether	330	330	ND	1650	ND	63	11-142							
4-Nitroaniline	1650	1650	ND	8250	ND	89	11-142							
4,6-Dinitro-2-methylphenol	1650	1650	ND	8250	ND	77	11-142							
n-Nitrosodiphenylamine	330	330	ND	1650	ND	140	11-142							
4-Bromophenyl-phenyl ether	330	330	ND	1650	ND	73	11-142							
Hexachlorobenzene	330	330	ND	1650	ND	79	11-142							
Pentachlorophenol	1650	1650	ND	8250	ND	64	11-142							
Phenanthrene	330	330	ND	1650	ND	70	11-142							
Anthracene	330	330	ND	1650	ND	71	11-142							
Di-n-butylphthalate	330	330	ND	1650	ND	68	11-142							
Fluoranthene	330	330	ND	1650	ND	73	11-142							
Pyrene	330	330	ND	1650	ND	72	11-142							
Butylbenzylphthalate	330	330	ND	1650	ND	64	11-142							
Benzo[a]anthracene	330	330	ND	1650	ND	74	11-142							
3,3'-Dichlorobenzidine	660	660	ND	3300	ND	NS	11-142							
Chrysene	330	330	ND	1650	ND	71	11-142							
bis(2-Ethylhexyl)phthalate	330	330	ND	1650	ND	68	11-142							
Di-n-octylphthalate	330	330	ND	1650	ND	69	11-142							
Benzo[b]fluoranthene	330	330	ND	1650	ND	72	11-142							
Benzo[k]fluoranthene	330	330	ND	1650	ND	70	11-142							
Benzo[a]pyrene	330	330	ND	1650	ND	69	11-142							
Indeno[1,2,3-cd]pyrene	330	330	ND	1650	ND	66	11-142							
Dibenz[a,h]anthracene	330	330	ND	1650	ND	65	11-142							
Benzo[g,h,i]perylene	330	330	ND	1650	ND	63	11-142							

- MDL = Method Detection Limit
- ND = Not Detected (Below DLR)
- DLR = MDL x Dilution Factor
- NA = Not Analyzed
- NS = Not Spiked

Approved/Reviewed By: Yun Pan
 Yun Pan
 Department Supervisor

Date: 3/7/97

The cover letter is an integral part of this analytical report.

Client: Allwaste Transportation & Remediation, Inc.
 Attn: Mr. Roger Dockter

Client's Project: CT-28
 Date Received: 03/01/97
 Matrix: Soil
 Units: ug/kg

EPA Method 8010

ANALYTE	MDL	DLR	Results	DLR	Results	%Rec.	Limits
Bromodichloromethane	5	5	ND	5	ND	91	20-150
Bromoform	5	5	ND	5	ND	99	20-150
Bromomethane	5	5	ND	5	ND	61	20-150
Carbon tetrachloride	5	5	ND	5	ND	75	20-150
Chlorobenzene	5	5	ND	5	ND	87	20-150
Chloroethane	5	5	ND	5	ND	58	20-150
2-Chloroethyl Vinyl Ether	5	5	ND	5	ND	110	20-150
Chloroform	5	5	ND	5	ND	78	20-150
Chloromethane	5	5	ND	5	ND	59	20-150
1,2-Dichlorobenzene	5	5	ND	5	ND	77	20-150
1,3-Dichlorobenzene	5	5	ND	5	ND	93	20-150
1,4-Dichlorobenzene	5	5	ND	5	ND	93	20-150
Dibromochloromethane	5	5	ND	5	ND	107	20-150
Dichlorodifluoromethane	5	5	ND	5	ND	60	20-150
1,1-Dichloroethane	5	5	ND	5	ND	72	20-150
1,2-Dichloroethane	5	5	ND	5	ND	59	20-150
1,1-Dichloroethene	5	5	ND	5	ND	65	20-150
trans-1,2-Dichloroethene	5	5	ND	5	ND	71	20-150
1,2-Dichloropropane	5	5	ND	5	ND	96	20-150
cis-1,3-Dichloropropene	5	5	ND	5	ND	98	20-150
trans-1,3-Dichloropropene	5	5	ND	5	ND	107	20-150
Methylene Chloride	15	15	ND	15	ND	55	20-150
1,1,2,2-Tetrachloroethane	5	5	ND	5	ND	79	20-150
Tetrachloroethene	5	5	ND	5	ND	81	20-150
1,1,1-Trichloroethane	5	5	ND	5	ND	71	20-150
1,1,2-Trichloroethane	5	5	ND	5	ND	96	20-150
Trichloroethene	5	5	ND	5	ND	75	20-150
Trichlorofluoromethane	5	5	ND	5	ND	70	20-150
Vinyl Chloride	5	5	ND	5	ND	74	20-150

MDL = Method Detection Limit
 ND = Not Detected (Below DLR).
 DLR = MDL X Dilution Factor
 NA = Not Analyzed

Reviewed/Approved By: _____

Yun Pan
 Department Supervisor

Beverly Ann
ton

Date: _____

3/7/97

The cover letter is an integral part of this analytical report.

Spike Recovery and RPD Summary Report - SOIL(ug/kg)

Method : C:\HPCHEM\5\METHODS\8021.M
 Title : 8010/8020
 Last Update : Mon Mar 03 12:41:22 1997
 Response via : Initial Calibration

Non-Spiked Sample: D9700494.D

Spike
Sample

Spike
Duplicate Sample

File ID : D97S0499.D
 Sample : 15864-044 50ppb MS
 Acq Time: 03 Mar 97 10:11 PM

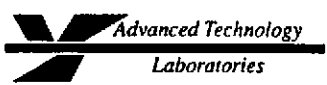
D97S0500.D
 15864-044 50ppb MSD SOIL
 03 Mar 97 10:49 PM

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-Dichloroethene	ND	50	35	33	70	65	7	31	51-136
Trichloroethylene	ND	50	51	47	103	95	8	15	45-147
Chlorobenzene	ND	50	52	55	104	110	5	26	38-145
Benzene #2	ND	50	46	48	91	96	5	22	65-108
Toluene #2	ND	50	47	48	94	96	3	23	60-111

QC Batch # : D978021S034

Reviewed and Approved by: Yun Pah
 Organics Supervisor

Date: 3/7/97



Spike Recovery and RPD Summary Report - SOIL (ug/kg)

Method : C:\HPCHEM\1\METHODS\8270-3.M
 Title : 8270 TCL
 Last Update : Thu Mar 06 07:54:53 1997
 Response via : Initial Calibration

Non-Spiked Sample: R9700511.D

Spike
Sample

Spike
Duplicate Sample

File ID :	R97S0514.D	R97S0515.D
Sample :	15941-6MS 30G-1ML E-3/4/97	15941-6MSD 30G-1ML E-3/4/97
Acq Time:	6 Mar 97 2:15 am	6 Mar 97 3:13 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC RPD	Limits % Rec
Phenol	0.0	200	141	147	71	73	4	35	26- 90
2-Chlorophenol	0.0	200	134	140	67	70	4	50	25-102
1,4-Dichlorobenzene	0.0	100	59	64	59	64	8	27	28-104
N-Nitroso-di-n-propy	0.0	100	65	70	65	70	8	38	41-126
1,2,4-Trichlorobenze	0.0	100	71	76	71	76	6	23	38-107
4-Chloro-3-methylphe	0.0	200	151	160	75	80	6	33	26-103
Acenaphthene	0.0	100	68	72	68	72	6	19	31-137
4-Nitrophenol	0.0	200	152	163	76	81	7	50	11-114
2,4-Dinitrotoluene	0.0	100	75	80	75	80	8	47	28- 89
Pentachlorophenol	0.0	200	143	150	71	75	5	47	17-109
Pyrene	0.0	100	80	84	80	84	5	36	35-142

QC BATCH # :R978270S047

Reviewed and Approved by: Yun Pan Date: 3/7/97
 Organics Supervisor



APPENDIX D

TANK CLOSURE PLAN

ALAMEDA COUNTY CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 ENVIRONMENTAL PROTECTION DIVISION
 1131 HARBOR BAY PARKWAY, RM 250
 ALAMEDA, CA 94502-6577
 PHONE # 510/567-6700
 FAX # 510/337-9335

Jennifer Eberle

Project Specialist

ACCEPTED

Underground Storage Tank Closure Permit Application
 Alameda County Division of Hazardous Materials
 1131 Harbor Bay Parkway, Suite 250
 Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essential under the provisions of the State and Local Health Laws. Changes to your application must be approved by this Department and approved by the State and local laws. This project requires ongoing permits and released for issuance of any required ongoing permits and contractor supervision.
 One copy of the approved plans must be on the job and available to all contractors and craftsmen involved with the removal.
 Any changes or additions of these plans and specifications must be submitted to this Department for approval. Such changes must be approved by the Department of Public Works and Building Department's Department of Code and Enforcement. Notify the Department at least 12 hours before any changes are required inspections.

J. Eberle
 8-9-96
 Removal of Tank(s) and Spillings
 Sampling
 Final Inspection

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

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS:

Contact Specialist

All comments p. 5

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

1. Name of Business Automobile Service Company
 Business Owner or Contact Person (PRINT) Henry Suico

2. Site Address 820 Isabella
 City Oakland Zip 0 946077 Phone 510 444-7131

3. Mailing Address 820 Isabella
 City Oakland, Ca Zip 94607 Phone 510 444-7131

4. Property Owner Henry Suico
 Business Name (if applicable) Automobile Service Company
 Address 820 Isabella
 City, State Oakland, California Zip 94607

5. Generator name under which tank will be manifested
Henry Suico DBA - Automobile Service Company

EPA ID# under which tank will be manifested CA 001276536

6. Contractor BERNABE & BRINKER, INC.
Address 2240 Wood Street
City Oakland, California 94607 Phone 510 451-3482
License Type A - Haz ID# 610617

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) James E Brinker
Address 2240 Wood Street
City, State Oakland, Ca. 94607 Phone 451-3482

8. Main Contact Person for Investigation (if applicable)
Name James E Brinker Title Consultant ?Contractor
Company Bernabe & Brinker Inc.
Phone 510 451-3482

9. Number of underground tanks being closed with this plan (1)
Length of piping being removed under this plan (6')

Total number of underground tanks at this facility (**confirmed with owner or operator) 2 2,000 gal gas

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

** Underground storage tanks must be handled as hazardous waste **

a) Product/Residual Sludge/Rinsate Transporter
Name Pacific Petro Chemical EPA I.D. No. 95716763
Hauler License No. 2591 License Exp. Date _____
Address 1300 South Hampton Road -Unit (2)
City Benicia State Ca. Zip 94510

b) Product/Residual Sludge/Rinsate Disposal Site
Name Enviropur West EPA ID# CAL008092456
Address 13331-N-Hwy . 33
City Patterson State Ca Zip 95363

c) Tank and Piping Transporter

Name Erickson , Inc. EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date 5-31-97
Address 55 Parr Blvd.
City Richmond , State Ca. Zip 94801

d) Tank and Piping Disposal Site

Name Erickson , Inc. EPA I.D. No. CAD 009466392
Address 55 Parr Blvd.
City Richmond, State Ca. Zip 94801

11. Sample Collector

Name John Alt
Company Epigene International
Address 38750 Paseo Padre Parkway
City Fremont State Ca. Zip 94536 Phone 791-1986

12. Laboratory

Name McC Campbell Analytical
Address 110-2nd Ave. South # D7
City Pacheco , State Cas Zip 94533
State Certification No. 1644

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

If yes, describe. _____

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

Use Dry , CO2

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 permanently plugged.

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

15. Tank History and Sampling Information *** (see instructions) ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
150 gallons	Waste Oil Only	Soil, groundwater if possible	2' below the bottom of the tank.

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

Excavated/Stockpiled Soil

<p>Stockpiled Soil Volume (estimated)</p> <p align="center">21 Cubic yards</p>	<p align="center">Sampling Plan</p> <p>Composite three (3) soil samples.</p>
---	---

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

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

If yes, explain reasoning _____

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

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.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPH-Gas BTX & E TPH Diesel TPH & BTX&E O & G CL HC ICAP or AA	GCFID (5030) 8020 or 8240 GCFID (3550) 8260 5520 D E F 8010 or 8240 Metals	if O & G > 100 mg/kg then analyze that sample for semi VOCs (8270) H VOCs (8010)	1 ppm 1 ppm

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Workmans Compensation

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 written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

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

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

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

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Environmental Protection Division 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.

CONTRACTOR INFORMATION

Name of Business Bernabe & Brinker, Inc.

Name of Individual James E. Brinker

Signature James E. Brinker Date 7-31-96

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Automobile Service Co.

Name of Individual Henry Suico

Signature [Signature] for Henry Suico Date 7-31-96

General Instructions

- * Three (3) copies of this plan plus attachments and a deposit must be submitted to this Department.
- * Any cutting into tanks requires local fire department approval.
- * One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.
- * State of California Permit Application Forms A and B are to be submitted to this office. One Form A per site, one Form B for each removed tank.

Line Item Specific Instructions

2. SITE ADDRESS
Address at which closure is taking place.
5. EPA I.D. NO. under which the tanks will be manifested
EPA I.D. numbers may be obtained from the State Department of Toxic Substances Control, 916/324-1781.
6. CONTRACTOR
Prime contractor for the project.
10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
 - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
 - c) Tanks must be hauled as hazardous waste.
 - d) This is the place where tanks will be taken for cleaning.
15. TANK HISTORY AND SAMPLING INFORMATION
Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.

Material to be sampled - e.g. water, oil, sludge, soil, etc.

Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

16. CHEMICAL METHODS AND ASSOCIATED DETECTION LIMITS

See attached Table 2.

17. SITE HEALTH AND SAFETY PLAN

A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:

- a) The name and responsibilities of the site health and safety officer;
- b) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;
- c) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;
- d) For each hazard, identify the action levels (contaminant concentrations in air) or physical conditions which will trigger changes in work habits to ensure workers are not exposed to unsafe chemical levels or physical conditions;
- e) Description of the work habit changes triggered by the above action levels or physical conditions;
- f) Frequency and types of air and personnel monitoring - along with the environmental sampling techniques and instrumentation - to be used to detect the above action levels. Include instrumentation maintenance and calibration methods and frequencies;
- g) Confined space entry procedures (if applicable);
- h) Decontamination procedures;
- i) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, plastic sheeting, security guards, etc.);
- j) Spill containment/emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site;
- k) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and
- l) A page for employees to sign acknowledging that they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.

NOTE: These requirements are ~~enforced~~ from the Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule.

19. PLOT PLAN

The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:

- a) Scale;
- b) North Arrow;
- c) Property Lines;
- d) Location of all Structures;
- e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
- f) Streets;
- g) Underground conduits, sewers, water lines, utilities;
- h) Existing wells (drinking, monitoring, etc.);
- i) Depth to ground water; and
- j) All existing tank(s) and piping in addition to the tank(s) being removed.

20. DEPOSIT

A deposit, payable to "County of Alameda" for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from this office or from the San Francisco Bay Regional Water Quality Control Board (510/286-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

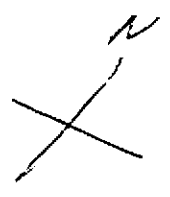
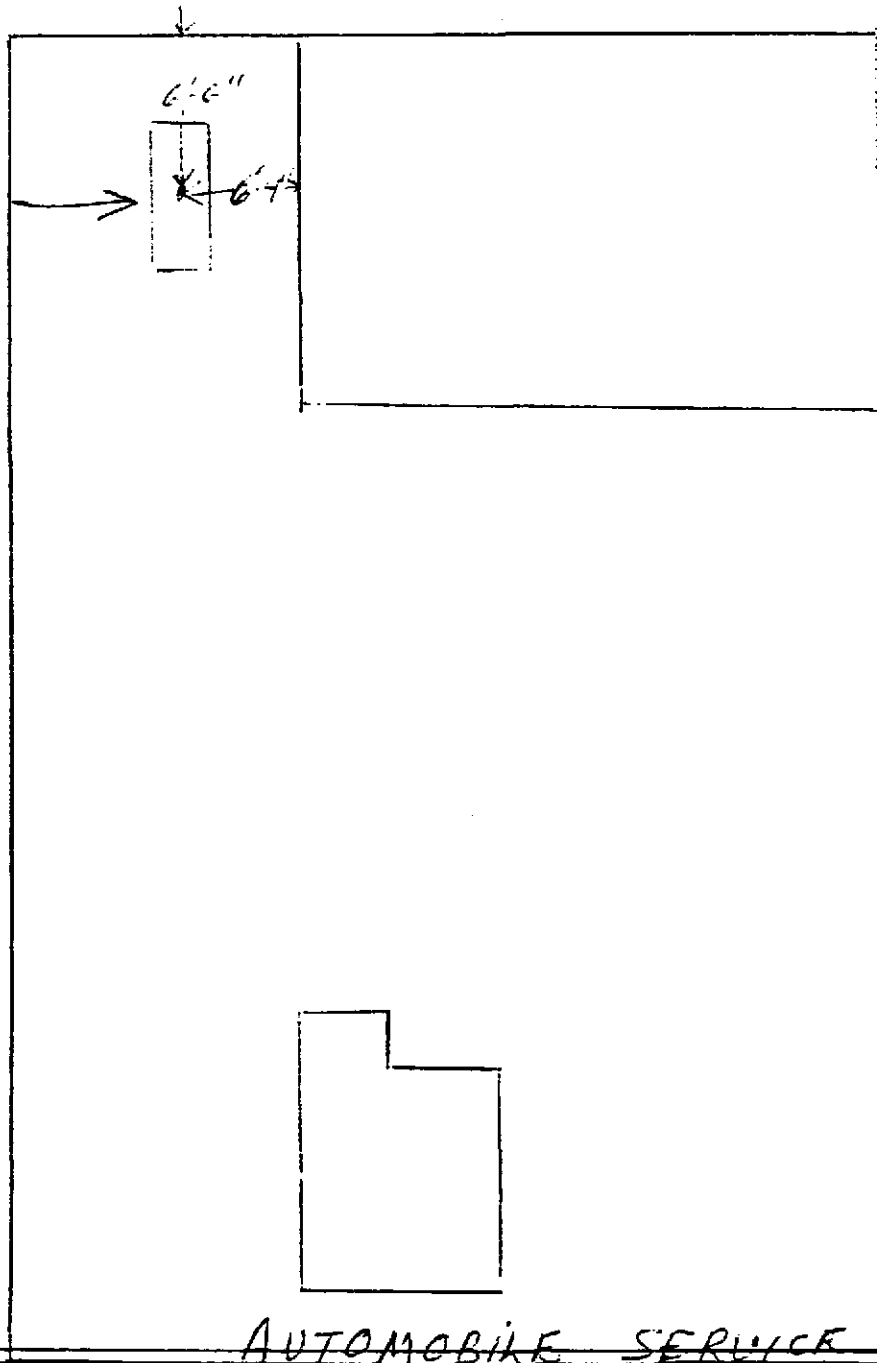
22. TANK CLOSURE REPORT

The tank closure report should contain the following information:

- a) General description of the closure activities;
- b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

- g) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Detailed description of sampling methods; i.e. backhoe bucket, drive sampler, bailer, bottle(s), sleeves
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Documentation of the disposal of/and volume and final destination of all non-manifested contaminated soil disposed offsite.

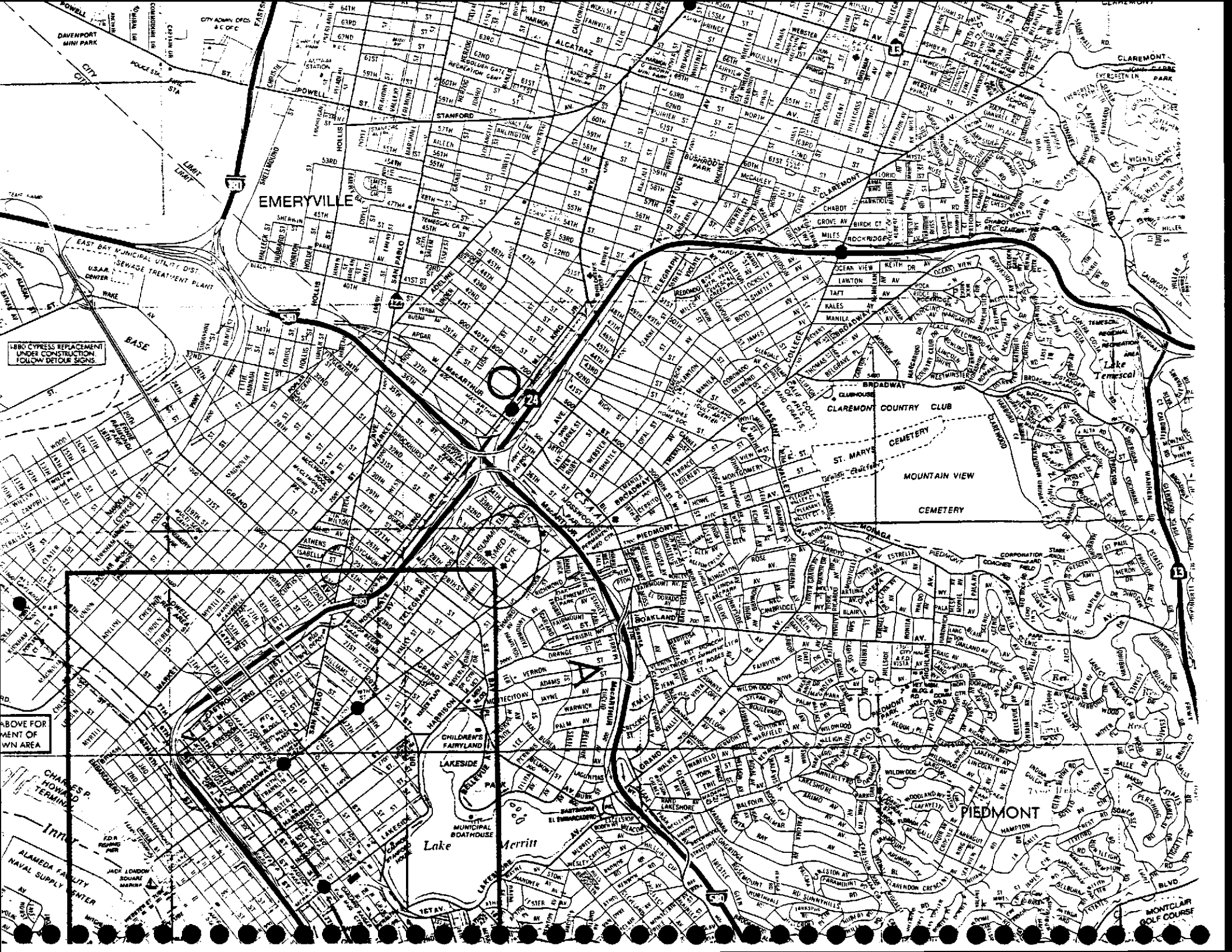
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