



ALCO  
HAZMAT  
93 DEC 17 PH 1:17

Environmental Services #4122

Ms. Juliet Shin  
Hazardous Materials Specialist  
Alameda County Health Agency  
Department of Environmental Health  
Division of Hazardous Materials  
80 Swan Way, Room 350  
Oakland, CA 94621

December 14, 1993

Subject: Underground Storage Tank Removal Report  
1528 Webster Street, Alameda, CA

Dear Ms. Shin:

Enclosed please find one copy of the Underground Storage Tank (UST) Removal Report for the closed Bank of America Bank Branch at 1528 Webster Street, Alameda, CA.

As you are aware, a 750-gallon heating oil UST was removed from the subject site on August 3, 1993. Initial analytical results from the soil samples taken beneath the east and west ends of the UST indicated the presence of TPH-diesel at a maximum concentration of 1,300 mg/kg and total BTEX at a maximum concentration of 0.145 mg/kg.

Based upon these results, overexcavation activities commenced on September 14, 1993. This effort resulted in the removal and offsite disposal of approximately 50 tons of soil (including the originally excavated material from the UST removal, which was placed back into the excavation pending analytical results). Overexcavation was limited due to the presence of utilities, and the close proximity of the excavation to the bank building foundation and Haight Street. The overexcavation activities resulted in a decrease in the maximum concentration of TPH-diesel to 1005 mg/kg and total BTEX to non-detectable levels.

The native soil encountered in the excavation consists of sandy clay to clayey sand. A minor amount of water entered the excavation during the overexcavation activities, however not enough water accumulated to enable the collection of a grab groundwater sample.

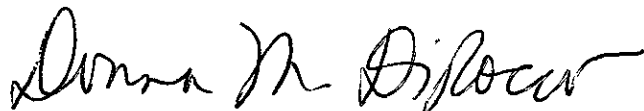
Bank of America's experience with other counties is that a maximum

Ms. Juliet Shin  
December 14, 1993  
Page 2

concentration of 1000 mg/kg of TPH-diesel is an acceptable clean-up level in soil, especially if BTEX is not indicated. Based upon this experience, and the limited access to the former UST excavation, Bank of America does not believe that further soil removal is practical. Our approach instead is to install a monitoring well in a downgradient direction from the UST excavation. The well would be developed and sampled for TPH-diesel and BTEX. If the results are favorable, the Bank would request closure of this site.

Please review the attached report and contact me at your earliest convenience regarding the contents of the report and future activities at the site. I can be reached at (714) 513-5269.

Very truly yours,  
BANK OF AMERICA ENVIRONMENTAL SERVICES,



Donna M. DiRocco  
Environmental Analyst

\DMD  
Enclosure

cc w/out encl.           Helen Levay  
                                  Evan Henry

Western Operations

1252 Quarry Lane  
P.O. Box 9019  
Pleasanton, CA 94566  
(510) 426-2600  
Fax (510) 426-0106

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**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

Tank Removal Report  
for  
Underground Storage Tank  
at  
1528 Webster Street  
Alameda, California

Clayton Project No. 49543.00  
November 30, 1993

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DOCUMENTATION FROM GEOCHEM LABORATORY FOR  
OVEREXCAVATION PHASE

## **1.0 INTRODUCTION/BACKGROUND**

Bank of America retained Clayton Environmental Consultants, Inc. to investigate the possible existence of an underground storage tank (UST) at 1528 Webster Street in Alameda, California. This work was performed under Bank of America Work Order No. 02412-02, dated June 25, 1993, and was based on Clayton Proposal No. 93-B-132, Rev. 2, provided on June 24, 1993.

The possibility that a UST might be at the property (site) was indicated in a Phase I investigation performed by Tetra Tech Corporation in February 1993, when a survey of records and historical documents indicated that a permit for a 500-gallon UST was issued to Citizens National Bank by the City of Alameda in 1916. Clayton's investigation revealed the presence of a UST that was full of water and diesel oil.

There was no indication of when the UST had last been used, other than the area had been converted to natural gas in the late 1940s or early 1950s. It appears that since the gas service was provided, the UST was simply abandoned and forgotten.

There was also a possibility that the UST was replaced in 1935, when the present building at the site was constructed. The existing UST had a capacity of 750 gallons, indicating that the older 500-gallon UST may have been replaced.

## **2.0 SITE DESCRIPTION**

The UST was located on the Haight Street side (south) of the vacant Bank of America building at 1528 Webster Street. A site location map is included as Figure 1. A site diagram is included as Figure 2.

The UST was under the sidewalk, approximately 5 feet from the building foundation. A map showing the location of the UST is included as Figure 3. Several utility lines (sewer and water) run along Haight Street at a depth of approximately 3 feet below ground surface (bgs), above the UST top and UST product lines. The street has a fairly heavy traffic flow, requiring that the excavation work be performed on the sidewalk area. Photographs of the site are included in Appendix A.

The area immediately adjacent to the UST is comprised of streets, sidewalks, and general commercial-type buildings. There are some older homes to the east of the excavation (within 50 feet on Haight Street).

There are 20 or more wells within a 1/2-mile radius of the site. Most of the wells are to the west and southwest of the subject site. Several of the wells appear to be private domestic wells used for watering of lawns, etc. The remainder are monitoring wells. The closest wells to the site are three monitoring wells approximately 1 block (200 feet) to the north. This information is based on 1990 data from Zone 7. No later information was readily available.

## **3.0 UST REMOVAL**

Clayton retained Bay Area Tank Removal, Inc. to perform the UST removal. Bay Area Tank Removal obtained the necessary permits from the City of Alameda and

Alameda County Health Services Department to remove the UST. The permits are included in Appendix B. The UST removal took place on August 3, 1993. The removal was observed by Mr. Mike Holbrook, Clayton Supervisor of Field Operations; Ms. Donna DiRocco, Bank of America Environmental Analyst; and Ms. Juliet Shin, Alameda County Environmental Health Department Inspector.

Bay Area Tank Removal saw-cut the concrete in the estimated area of the UST and excavated to the UST top. There was some indication of minor overfilling around the area of the UST fillpipe. When the UST top was exposed, the UST contents were pumped out.

Based on a sounding performed at the time, it appeared that the tank contained approximately 4 inches of floating product on top of water. Approximately 750 gallons of liquid (oil and water) were pumped from the UST by H&H Ship Service Company. The liquid was transported to Refineries Service Patterson, Inc. at 13331 N. Highway 33 in Patterson, California, under Manifest #92215992 (Appendix C).

After the liquid was pumped out, the UST was purged with dry ice, removed, and inspected. The UST appeared to be in good condition with only minor surface corrosion. The 1-inch line from the west end of the UST into the building was badly deteriorated due to corrosion. This line was most likely the product supply line to the building. There was evidence of leakage around and below the area of the line and a strong diesel fuel odor. This corrosion was most likely caused by the fact that brass fittings had been used between the UST and line, and the steel line acted as a sacrificial anode for the brass fittings.

Two lines entered at the east end of the UST. There were thought to be the vent and return line. There was some evidence of leakage, but much less than at the west end of the UST. Because these lines were directly adjacent to the natural gas supply lines they were only partially removed. The ends of the remaining lines were fitted with caps.

The UST was transported by H&H Ship Service to their facility at 220 China Basin in San Francisco, California, for destruction. Prior to transporting, dry ice was introduced into the tank until LEL and oxygen levels indicated that the tank was safe for transport. The tank was transported under Hazardous Waste Manifest #92215995 (Appendix C). A certificate of tank disposal is also included in Appendix C.

#### 4.0 SAMPLING AND ANALYSIS

After the UST was removed, Mr. Holbrook collected soil samples from under the UST ends. Groundwater was not encountered in the UST excavation; therefore, groundwater samples were not obtained. The soil samples from the east end were collected at 8 feet 4 inches bgs and the samples from the west end were collected at 8 feet 6 inches. Four samples were collected from the excavated soil pile for compositing in the laboratory. Sample locations were approved by Ms. Shin. A sampling diagram is included as Figure 4.

The samples were collected in 1-1/2- by 6-inch brass tubes and sealed. They were placed on ice in a cooler case and hand delivered to Clayton's state-certified laboratory in Pleasanton, California, for analysis.

The samples were analyzed by United States Environmental Protection Agency (USEPA) Method 8020 for benzene, toluene, ethylbenzene, and xylenes (BTEX) and USEPA Method 8015 for diesel fuel.

After sample collection was completed, the City of Alameda directed Clayton to return the soil to the excavation pit. The ACEHD directed us to line the pit with plastic sheeting prior to returning the soil. This was done because there was no place onsite to store the excavated soil pending analytical results, and the open excavation presented a potential safety hazard.

Sample analyses revealed elevated levels of diesel fuel in the stockpiled soil excavated from around the UST and in the tank excavation at both ends. Analytical results are summarized in Table 1. Laboratory reports with chain-of-custody documentation are included in Appendix D.

Table 1  
Analytical Results  
Concentrations Reported in Milligrams per Kilogram (mg/kg)

Sample #	Benzene	Toluene	Ethylbenzene	Xylenes	Diesel	Depth/ Location
1 East	ND	.013	ND	0.36	300	8.4 bgs
2 West	.020	.011	.061	.053	1,300	8.6 bgs
Composite	NA	NA	NA	NA	2,600	Soil pile

## 5.0 SOIL CONDITIONS

The backfill around the UST appeared to be sand. Not all the backfill was removed during the UST removal. The soil below the tank was sandy, blue-green clay to clayey sand. No water entered into the excavation at 8 feet 6 inches bgs. However, the soil and sand were damp to wet, indicating that the water table was at or about 8 feet bgs. The gradient is not known at this time, but the regional gradient is most likely toward the bay to the south-southwest.

## 6.0 OVEREXCAVATION

Because of the level of diesel fuel contamination remaining in the excavation, Clayton recommended overexcavation of the UST hole. This work was performed on September 14, 1993, and was observed by Mr. Dariush Dastmalchi, Clayton Geologist; Ms. DiRocco; and Ms. Shin.



The excavation was performed by Bay Area Tank Removal. Transportation of excavated soil was performed by FA Polt Trucking of 235 Rockwood Drive in South San Francisco, California. Approximately 25 tons of pre-excavated soil that had been returned to the UST hole after the UST removal, was loaded on the truck and transported to Port Costa Materials (PCM) for thermal remediation and recycling. An additional 25 tons of soil was overexcavated and also transported to PCM. Non-Hazardous Materials Hauling Manifest and Weight Certificates are included in Appendix E.

After overexcavation was completed, Mr. Dastmalchi collected eight samples from the east and west ends of the excavation and from the north and south sides. The samples submitted for analysis were field screened by Mr. Dastmalchi using a flame ionization detector (FID) and were numbered S1 (east end), S2 (west end), S4 (center north side), and S6 (center south side). Overexcavation sample locations are included in Figure 4. Sampling locations were approved by Ms. Shin.

All samples were collected from approximately 8.5 feet bgs. No water samples were collected, although from the damp appearance of the excavated soil and samples water may have, over time, collected or entered into the excavation.

The samples were turned over to Bay Area Tank Removal for delivery to Geochem Environmental Laboratories at 780 Montague Expressway, Suite 702 in San Jose, California. Laboratory analyses and chain-of-custody documentation are included in Appendix F. A summary of the analytical results are included in the following table.

Table 2

**Overexcavation Soil Samples  
Concentrations Reported in mg/kg**

Sample #	Diesel	BTEX	Location
S-1	107.6	ND	East end of tank excavation
S-2	1,005	ND	West end of tank excavation
S-4	ND	ND	North side of tank excavation
S-6	857	ND	South side of tank excavation

*All samples were collected at approximately 8.5 feet bgs, adjacent to the excavation sidewalls.*

After sampling was completed, the excavation was backfilled using Class II base rock material. The backfill was compacted in 18-foot lifts using a vibratory plate compactor. This type of compaction usually results in 90% to 95% compaction. No engineering compaction report was provided by Bay Area Tank Removal.

## 7.0 CONCLUSIONS

Based on the analytical data from samples collected, it appears that soil around the tank has been impacted with diesel fuel. Because of the limited area in which excavation could take place, only about 25 to 30 tons of soil could be overexcavated. Additional overexcavation would have required closing off Haight Street, removing sidewalks, and relocating utilities (i.e., storm drains, sewer lines, water lines).

Groundwater was not encountered during the excavation activities, therefore, no water samples were collected. It is unknown, at this time, whether groundwater is impacted.

This report prepared by:

*M.D. Holbrook*

M.D. Holbrook  
Supervisor, Field Operations

This report reviewed by:

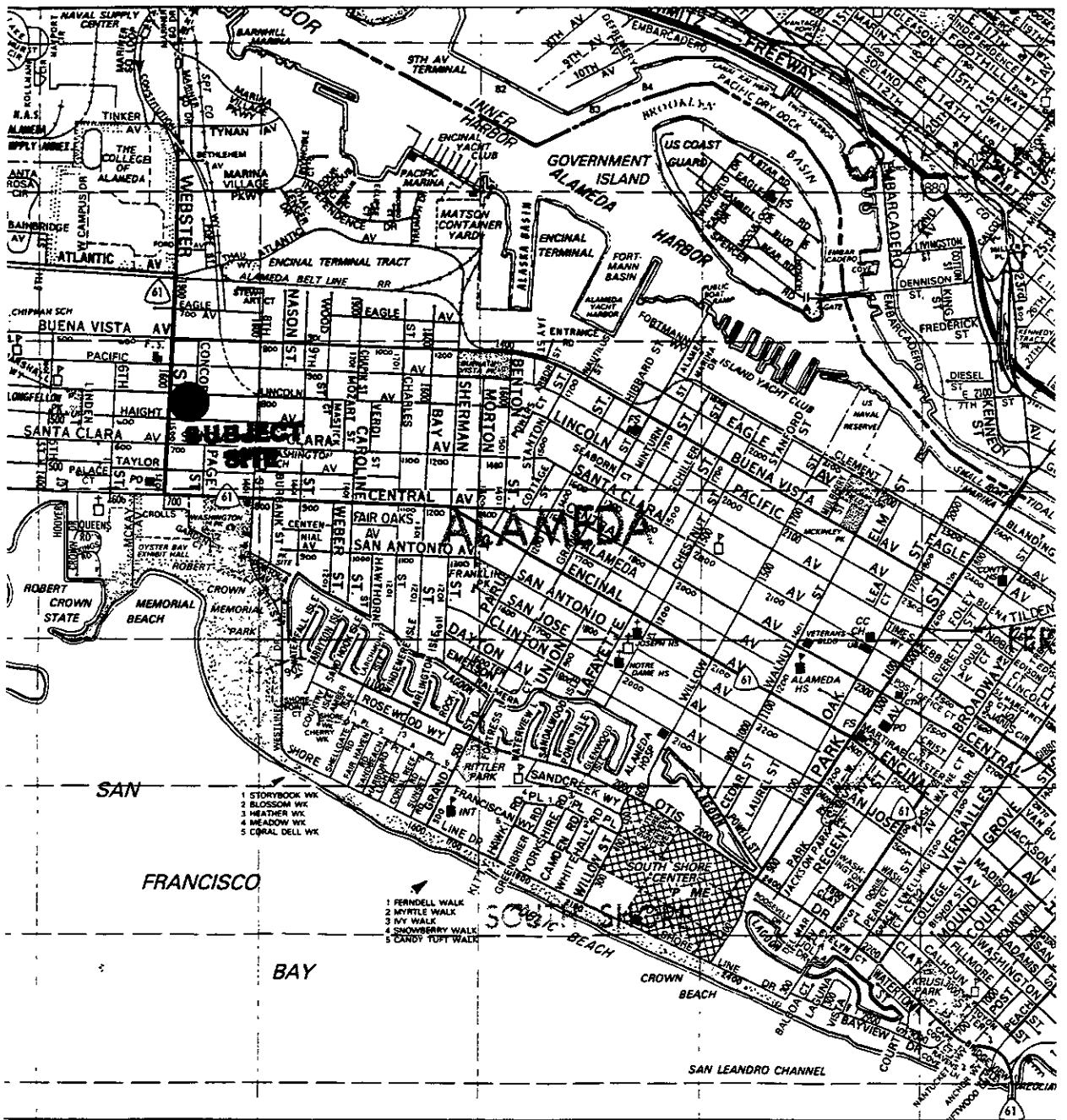
*Anthony S. McElligott*

Anthony S. McElligott, P.E.  
Manager, Environmental Management Services  
Western Operations



November 30, 1993

**FIGURES**



Site Location Map  
 BANK OF AMERICA  
 1528 Webster Street  
 Alameda, California

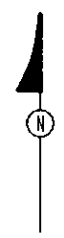
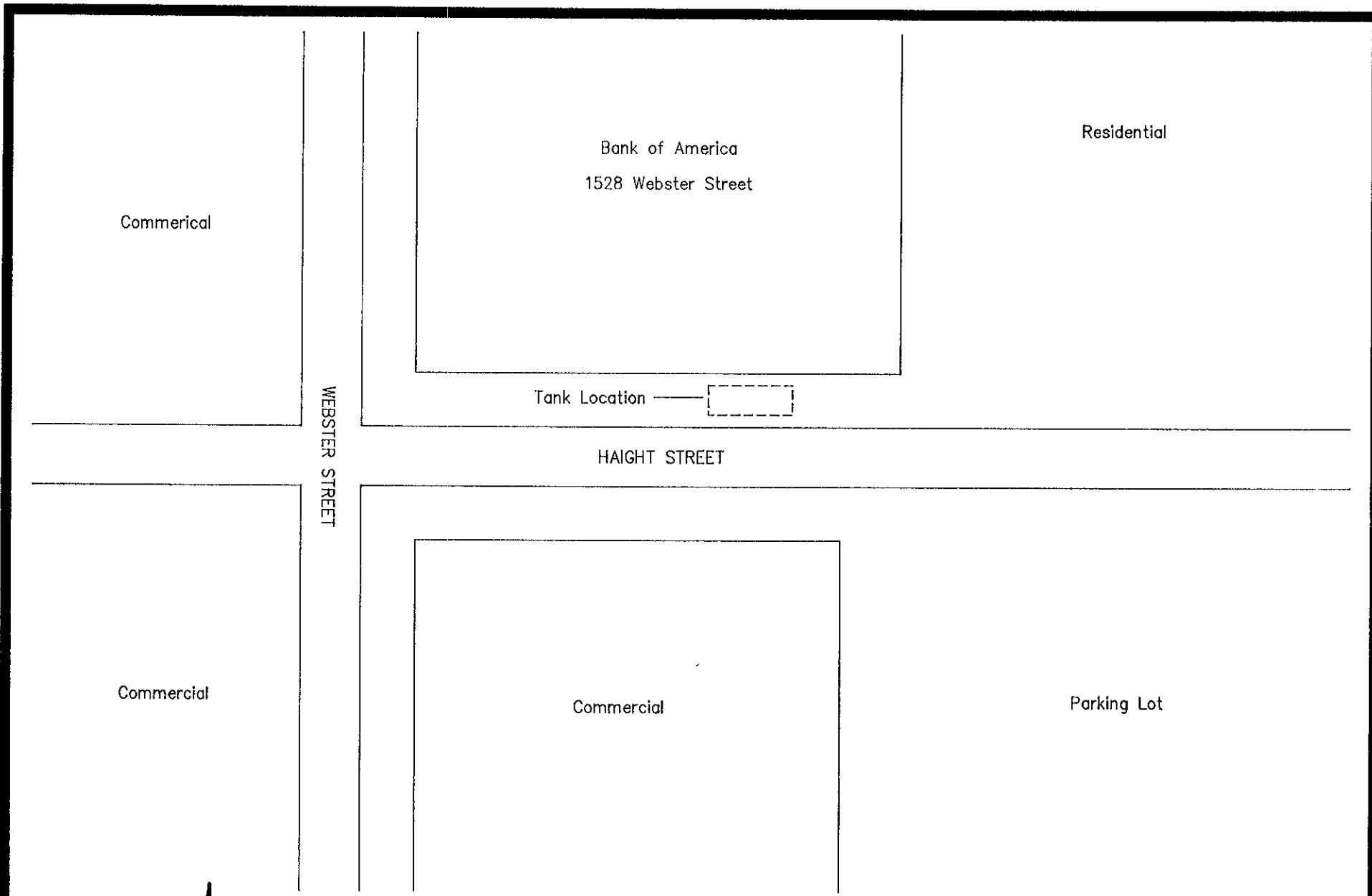
Clayton Project No. 49543.00

Figure

1

**Clayton**  
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 CONSULTANTS

49543-00-16



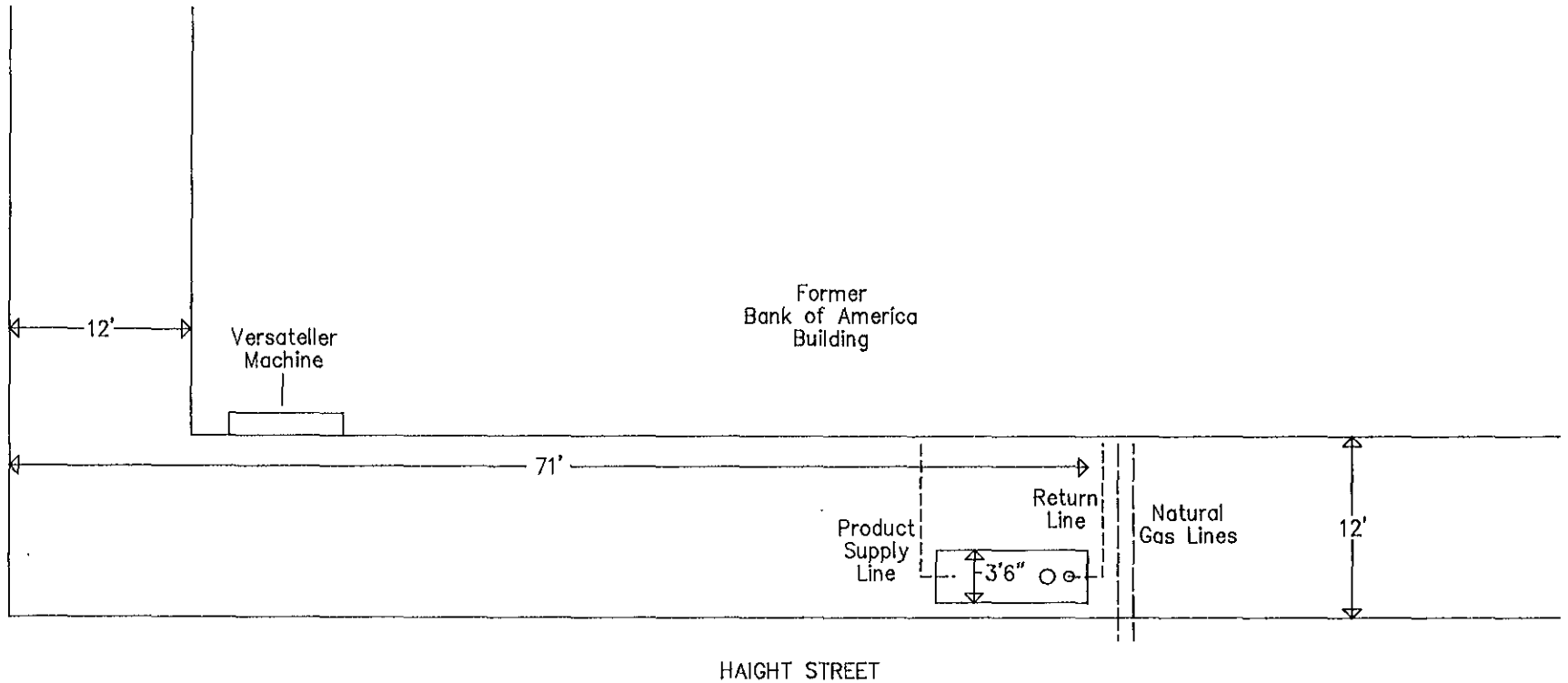
(not to scale)

Site Diagram  
BANK OF AMERICA  
1528 Webster Street  
Alameda, California  
Clayton Project No. 49543.00

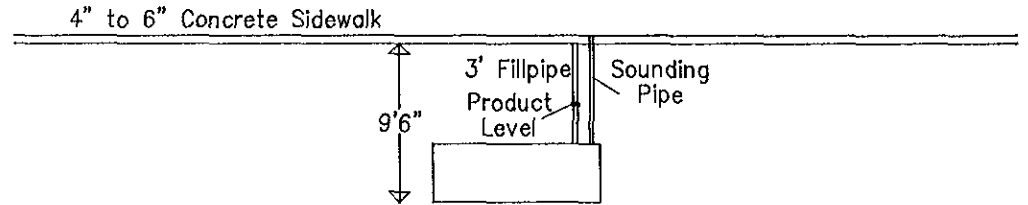
Figure  
**2**  
49543-00-17

**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

WEBSTER STREET



**Side View**



Tank Location  
BANK OF AMERICA  
1528 Webster Street  
Alameda, California

Figure

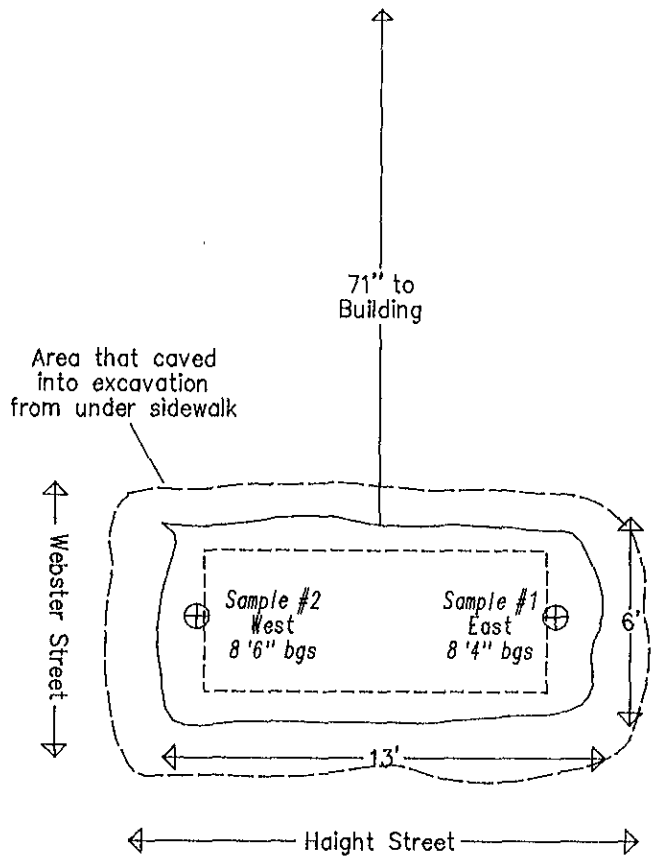
3

**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

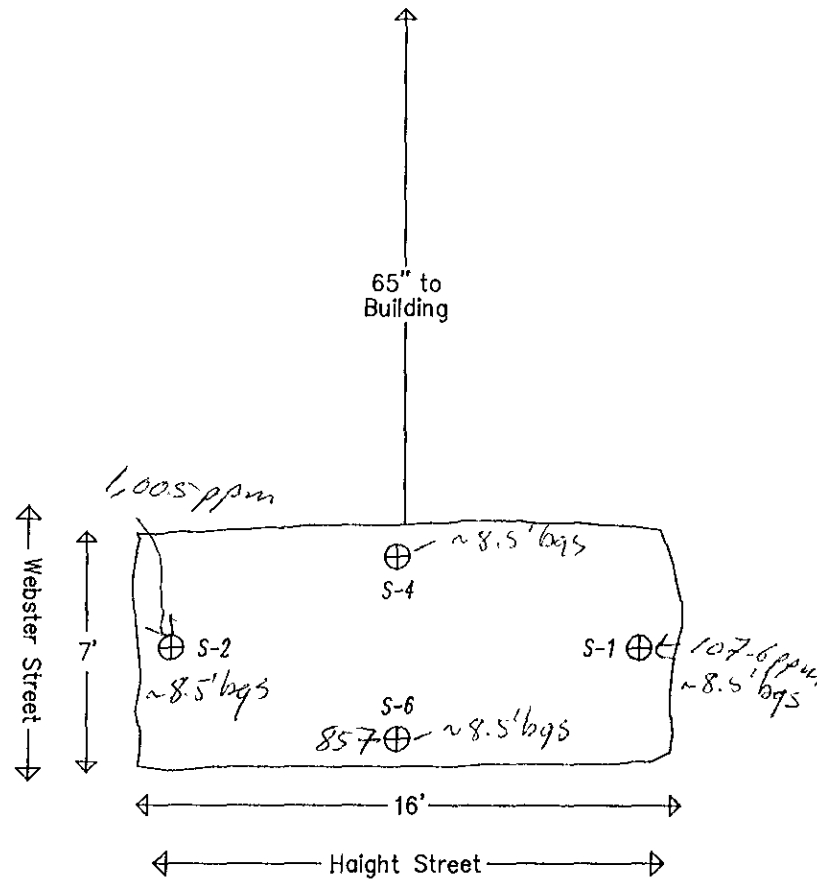
(not to scale)

Clayton Project No. 49543.00

49543-00-18



Tank Excavation  
Sample Locations



Overexcavation  
Sample Locations

TPHob

**LEGEND**

⊕ Sample Location

(not to scale)

Sample Locations  
BANK OF AMERICA  
1528 Webster Street  
Alameda, California

Clayton Project No. 49543.00

Figure

4

**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

49543-00-19

**APPENDIX A**

**PHOTOGRAPHS**





Subject: Tank Location (Arrow Points to Tank Fillpipe)

Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: August 3, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 1



Subject: Tank Fillpipe

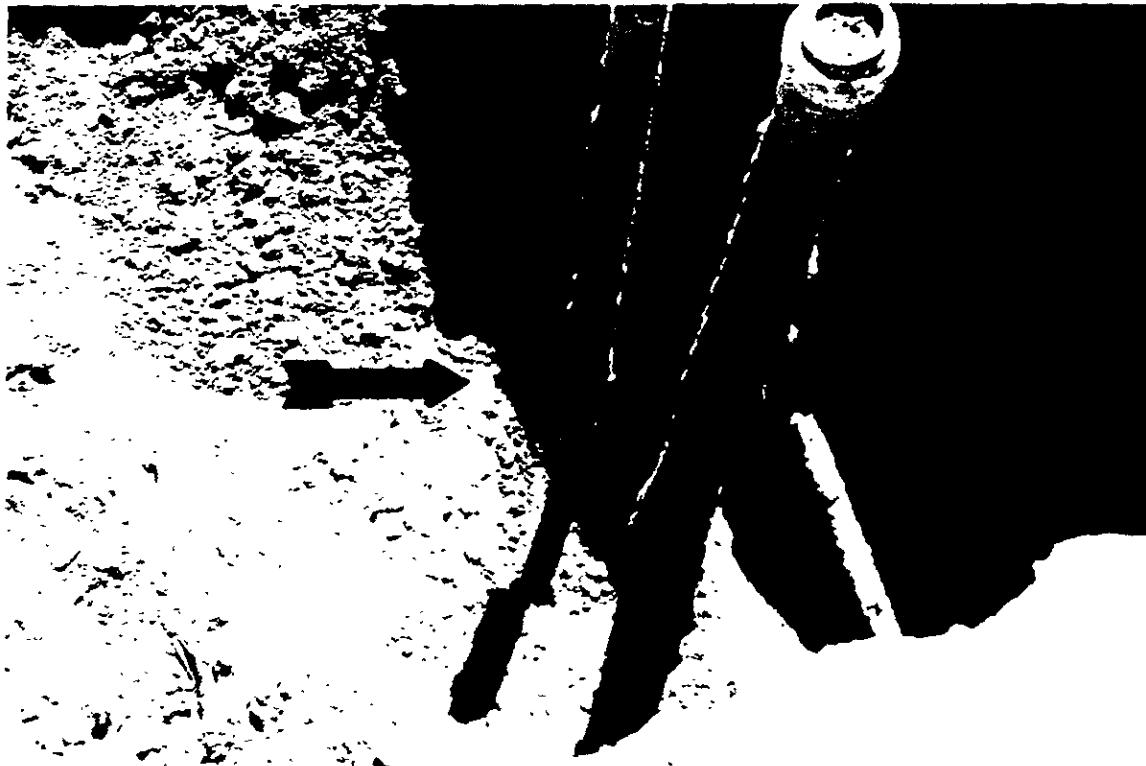
Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: August 3, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 2



Subject: Tank Excavated to Top (Arrow Shows Tank Product Supply Line Location)

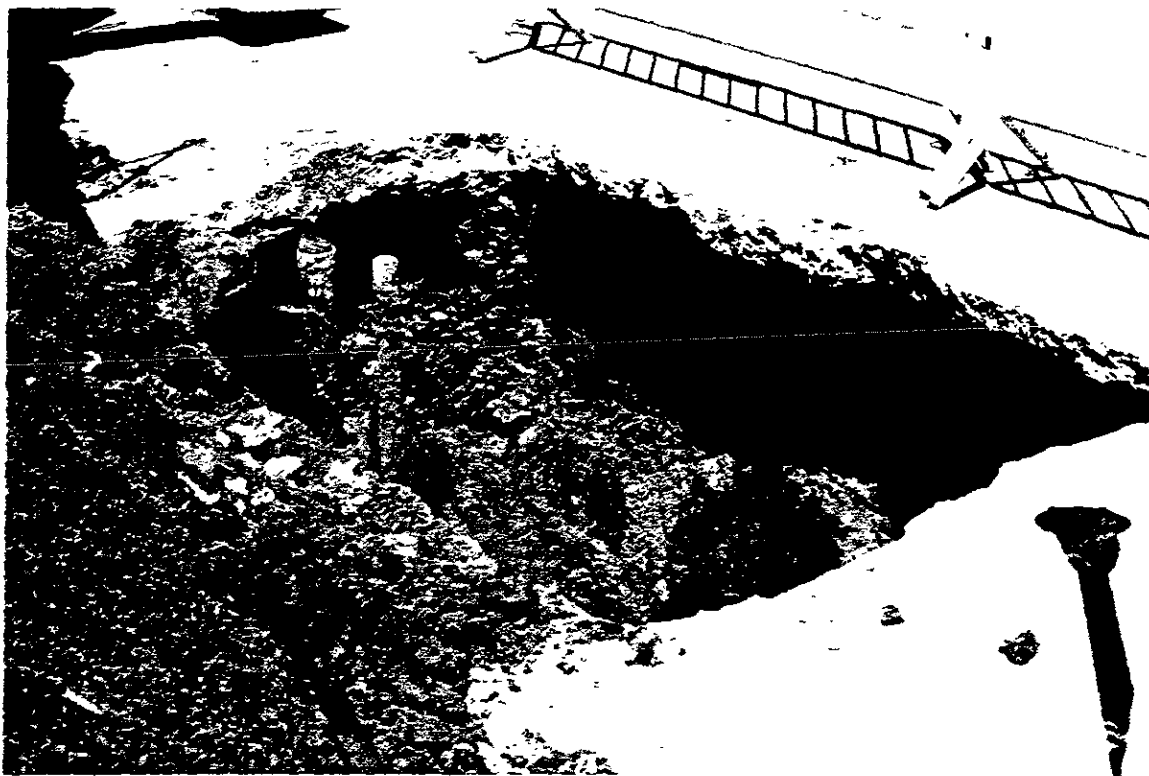
Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: August 3, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 3



Subject: Tank Excavation Looking South

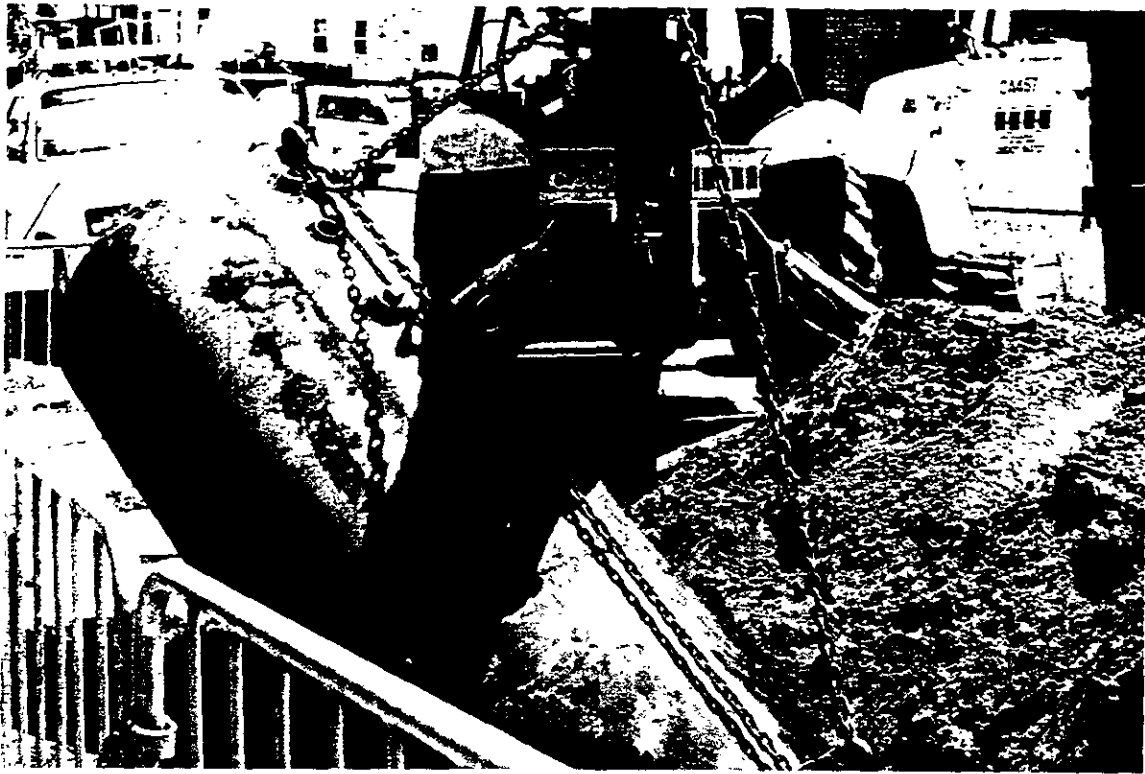
Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: August 3, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 4



Subject: Tank Removed from Excavation

Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: August 3, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 5



Subject: Excavated Soil from Around Tank

Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: August 3, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 6



Subject: Plastic Lines Being Placed in Excavation for Return of Excavated Soil

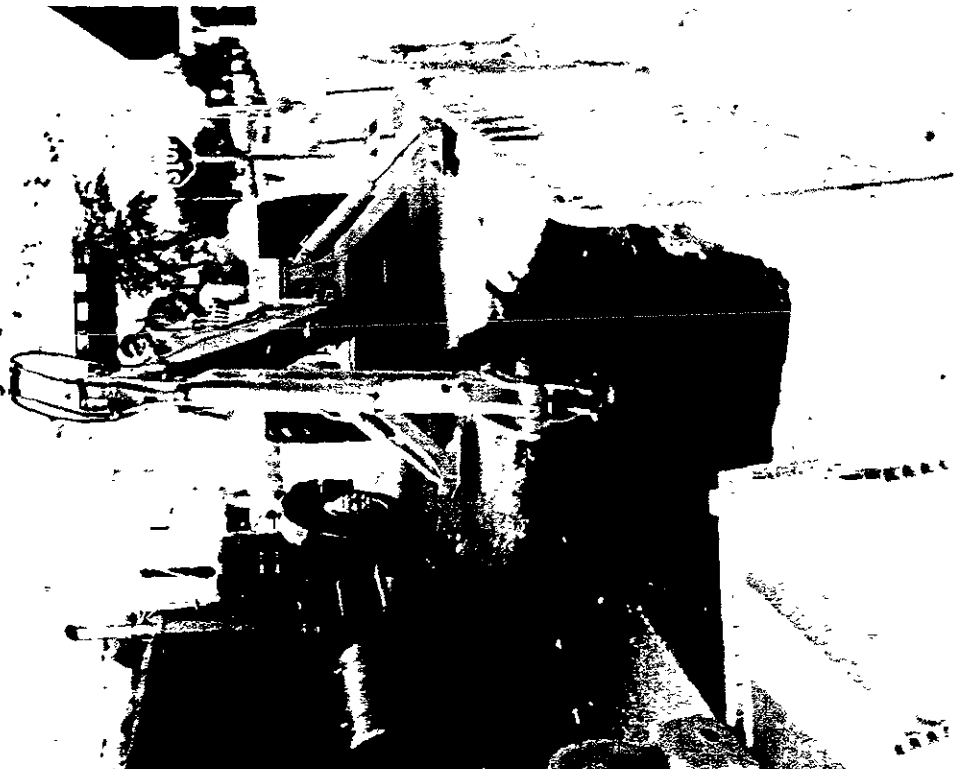
Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: August 3, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 7



Subject: Overexcavation

Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: September 14, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 8



Subject: Overexcavation in Progress

Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: September 14, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 9



Subject: Tank Sampling Hole After Overexcavation (Note Blue-Green, Sandy Clay ~ 9' bgs)

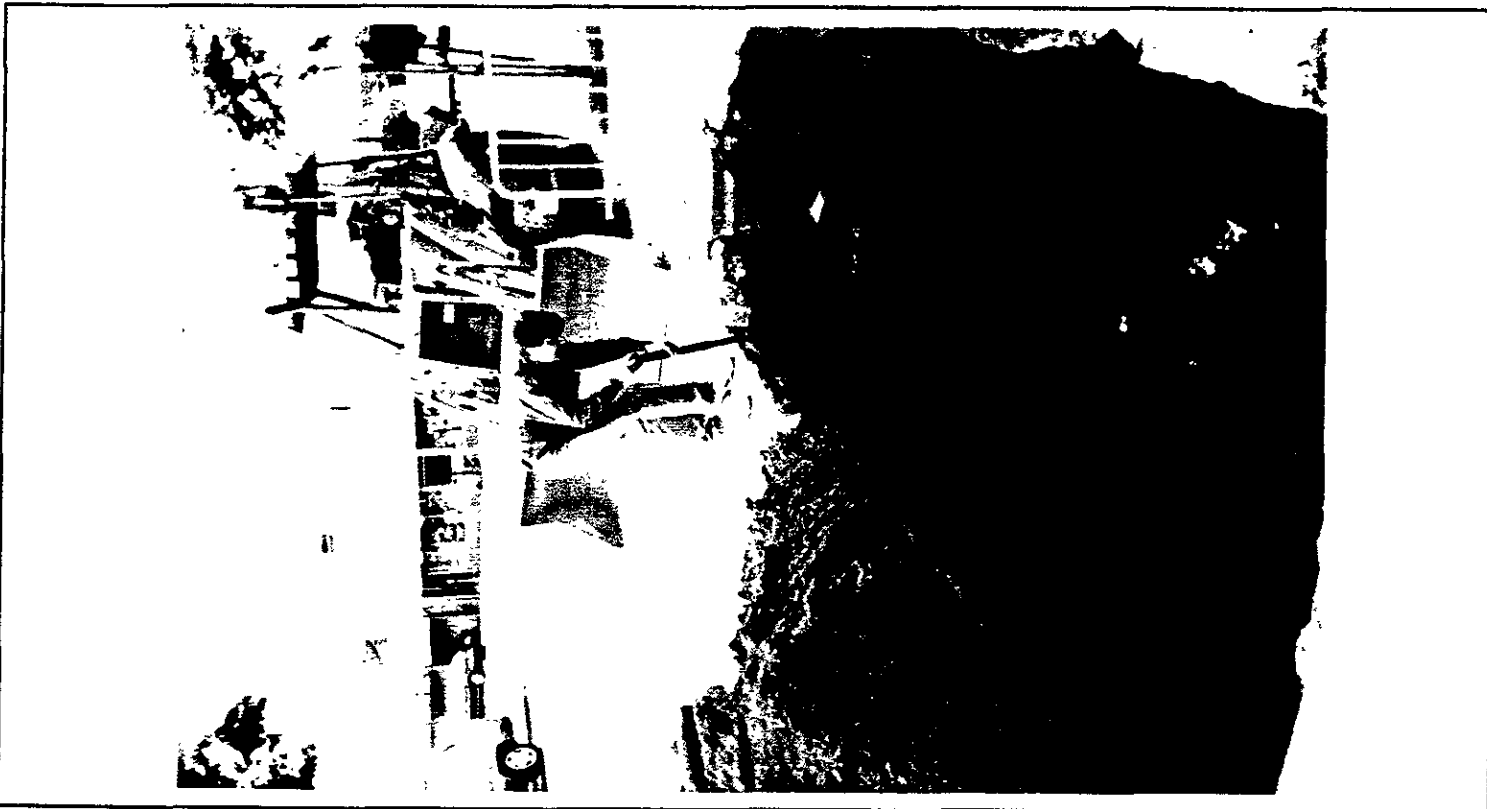
Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: September 14, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 10



Subject: Sampling After Overexcavation

Site: Bank of America, 1528 Webster Street, Alameda, California

Date Taken: September 14, 1993

Project No. 49543.00

Photographer: M.D. Holbrook

Photo No.: 11

**APPENDIX B**

**UST REMOVAL PERMITS**

CITY OF ALAMEDA  
 CENTRAL PERMITS OFFICE  
 2263 Santa Clara Ave. Room 204  
 Alameda, CA 94501

Permit No: B93-1000  
 Status: PENDING

Page 1 of 1  
 07/21/93 10:18

JOB ADDRESS : 1528 WEBSTER ST  
 PERMIT TYPE : COMMERCIAL BUILDING PERMIT  
 Parcel number : 073 -0419-032-00

Applied : 07/21/93  
 Approved :  
 Final :  
 Expired :  
 Class code : 437  
 Valuation: 9,000

Owner : BANK OF AMERICA NTXSA  
 TAX ANALYSIS #3025-R  
 P O BOX 37000  
 SAN FRANCISCO CA 94137  
 Applicant : BAY AREA TANK REMOVAL  
 254 CLARA ST  
 SAN FRANCISCO, CA. 94107  
 415-543-2255

HOURS OF CONSTRUCTION  
 MONDAY - FRIDAY 7 A.M. TO 7 P.M.  
 SATURDAY & SUNDAY 8 A.M. TO 5 P.M.

Project Title : REMOVE UNDERGROUND TANK  
 Project Desc. : REMOVE UNDERGROUND TANK

Signature \_\_\_\_\_

Fee description	Units	Fee/Unit	Ext fee	Data
Permit Filing Fee .....	0		11.00	Y
Building Permit Fee.....	0		118.80	Y
Assembly Bill 941 .....	0		5.00	Y
S.M.I.P .....	0		1.89	Y
Improvement Tax ....(Enter 'Y').>	0		90.00	Y
Fire Dept.(Enter Amount).....>	167.00		167.00	
Micro-fiche Fee .....	18.70		18.70	
*** Fees Required ***				
*** Fees Collected & Credits ***				

Account No.	Receipt No.	Date	Payment
310-300-9081-3726	R9302875	07/21/93	167.00
TOTAL THIS DATE		*****	167.00
Fees: 412.39			
Adjustments: .00			
Total Fees: 412.39			
	Total Credits:		.00
	Total Payments:		167.00
	Balance Due:		- 245.39

FOR INSPECTIONS CALL: BUILDING 748-4564 (8:30-10:00 A.M.)  
 PLUMBING & MECHANICAL 748-4563 (8:30-10:00 A.M.)  
 ELECTRICAL 748-3995 (8:00-10:00 A.M.)  
 OR 748-3996 (8:00-10:00 A.M.)



CITY OF ALAMEDA  
 ENGINEERING OFFICE  
 2247 Santa Clara Ave. Room 207  
 Alameda, CA 94601 78-3614

**CONCRETE PERMIT**

Permit No: 023-11246  
 STATUS: APPROVED  
 Applied : 07/29/93  
 Approved : 07/29/93

JOB ADDRESS : 1504 WEBSTER ST  
 Parcel number : 023-11246-032-00  
 OWNER : BOB DE AMERICA NIXSA  
 TAX ANALYSIS #3025-0  
 LOT AREA 37000  
 APPLICANT : BOB AREA TANK RENTALS  
 154 CLARA ST  
 SAN FRANCISCO, CALIF 94103  
 TEL 415-772-2255

HOURS OF CONSTRUCTION  
 MONDAY - FRIDAY 7 A.M. TO 7 P.M.  
 SATURDAY & SUNDAY 8 A.M. TO 5 P.M.

*Anthony Caputo*  
 Signature

Project Order # : 023-11246-032-00  
 Project Desc : BOB AREA TANK RENTALS  
 See description

	Units	Fee/Unit	Total Fee	Rate
Planning Fee	1	11.30	11.30	
App Fee	1	5.00	5.00	
Site Fee	1	0.50	0.50	
Concrete Permit Fee	1	33.20	33.20	
Concrete Permit Deposit	1	500.00	500.00	
Miscellaneous Fee	1	5.20	5.20	
1017a	1	0.00	0.00	
*** Less Permit Fee ***	***	Less Collected & Credits	***	***

Receipt No.	Date	Payment
02302971	07/29/93	11.30
02302971	07/29/93	5.00
02302971	07/29/93	0.50
02302971	07/29/93	33.20
02302971	07/29/93	500.00
02302971	07/29/93	5.20
*****		566.30
Total Credits:		0.00
Total Payments:		566.30
Balance Due:		0.00

-500.00 REFUND  
 56.30 BALANCE

THIS PERMIT IS VALID WITHIN THE PUBLIC RIGHT OF WAY. MUST HAVE BARRICADES WITH FLASHERS FOR NIGHT TIME PROTECTION.  
 Contractor to "NAME AND DATE" to be impressed in all concrete work.  
 THIS IS TO CERTIFY THAT THE ABOVE WORK HAS BEEN COMPLETED TO THE SATISFACTION AND APPROVAL.

INSPECTOR

FOR REMOVAL FOR INSPECTION AFTER COMPLETION OF THE WORK. INSPECTION MUST BE MADE BEFORE DEPOSIT CAN BE PROCESSED FOR RETURN. PERMITS TAKE 2-3 WEEKS AFTER FINAL INSPECTION.

**APPENDIX C**

**MANIFESTS FOR LIQUID AND TANK DISPOSAL**

9221 5005  
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550  
 GENERATOR  
 TRANSPORTER  
 FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>C A C 0 0 0 9 5 6 4 3 2 0 0 0 0 1</b>		Manifest Document No. <b>0 0 0 0 1</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address <b>BANK OF AMERICA / c/o CLAYTON ENVIRONMENTAL 1252 Quarry Lane, Pleasanton, CA. 94566</b>						A. State Manifest Document Number <b>92215995</b>							
4. Generator's Phone (510) 426-2600 Attn: MIKE HOLBROOK						B. State Generator's ID							
5. Transporter 1 Company Name <b>H &amp; H Ship Service Company</b>						C. State Transporter's ID <b>401889</b>							
7. Transporter 2 Company Name						D. Transporter's Phone <b>(415) 543-4835</b>							
9. Designated Facility Name and Site Address <b>H &amp; H Ship Service Company 220 China Basin Street San Francisco, CA. 94107</b>						E. State Facility's ID <b>C A D 0 0 4 7 7 1 1 6 8</b>							
10. US EPA ID Number <b>C A D 0 0 4 7 7 1 1 6 8</b>						F. Facility's Phone <b>(415) 543-4835</b>							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers		13. Total		14. Unit				
a. <b>RESIDUE FUEL OIL TANK NON-RCRA HAZARDOUS WASTE SOLID</b>  b.  c.  d.					No.		Quantity		Wt/Vol		1. Waste Number		
					0 0 1		T P 0 0 5 0 0		P		State 512		
											EPA/Other		
											State		
											EPA/Other		
J. Additional Descriptions for Materials Listed Above <b>EMPTY 500 gallon tank last containing fuel oil. Tank inerted with dry ice for transport. PROFILE #A28</b>						K. Handling Codes for Wastes Listed Above							
						a. 01		b.		c.			
15. Special Handling Instructions and Additional Information <b>JOB #13043 24 Hr. Emergency Contact: H &amp; H # (415) 543-4835 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR</b>						<b>JOB SITE: BANK OF AMERICA 1528 Webster Street Alameda, California</b>							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.  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 <b>Dennis M. Dineen</b>				Signature <i>Dennis M. Dineen</i>				Month <b>0 8</b>		Day <b>0 3</b>		Year <b>9 3</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <b>NORMAN L. BERG</b>				Signature <i>Norman L. Berg</i>				Month <b>0 8</b>		Day <b>0 3</b>		Year <b>9 3</b>	
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 <b>Rachael Strickland</b>				Signature <i>Rachael Strickland</i>				Month <b>0 8</b>		Day <b>0 3</b>		Year <b>9 3</b>	

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.  
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

92215992  
 STATE OF CALIFORNIA  
 NATURAL RESOURCE CENTER 1600-424-6602; WITHIN CALIFORNIA, CALL 1-800-852-7550  
 TRANSPORTER  
 FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>C A C 0 0 0 0 9 5 6 4 3 2</b>		Manifest Document No. <b>1 5 9 9 2</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address <b>BANK OF AMERICA / c/o CLAYTON ENVIRONMENTAL 1252 Quarry Lane, Pleasanton, CA. 94566</b>						A. State Manifest Document Number <b>92215992</b>							
4. Generator's Phone (510) 426-2600 Attn: Mike Holbrook						B. State Generator's ID							
5. Transporter 1 Company Name <b>H &amp; H Ship Service Company</b>				6. US EPA ID Number <b>C A D 0 0 4 7 7 1 1 6 8</b>		C. State Transporter's ID <b>402010</b>							
7. Transporter 2 Company Name						D. Transporter's Phone <b>(415) 543-4835</b>							
8. US EPA ID Number						E. State Transporter's ID							
9. Designated Facility Name and Site Address <b>PRC PATTERSON, INC. 13331 N. Highway 33 Patterson, CA. 95363</b>						10. US EPA ID Number <b>C A D 0 8 3 1 6 6 7 2 8</b>							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) <b>OIL AND WATER NON-RCRA HAZARDOUS WASTE LIQUID</b>						12. Containers No. <b>0 0 1</b> Type <b>T T 0 0 7 5 0</b>		13. Total Quantity		14. Unit Wt/Vol <b>G</b>		1. Waste Number State <b>223</b> EPA/Other	
Petroleum Recycling Corporation certifies that the above mentioned waste(s), more specifically identified by reference to the waste manifest set forth above, was/were recycled in accordance with the provisions of 40CFR261.6 and 23.4 pursuant to 40CFR261.3(e). No hazardous waste generated from the recycling efforts was also recycled in accordance with the provision of 40CFR266 Subpart D.													
d. <b>PETROLEUM RECYCLING CORPORATION</b> BY <i>Mary Ann Waters</i>													
J. Additional Descriptions for Materials Listed Above <b>OIL AND WATER PROFILE #A20</b>						K. Handling Codes for Wastes Listed Above a. <b>01</b> b. c. d.							
15. Special Handling Instructions and Additional Information <b>JOB #13042</b> <b>24 Hr. Emergency Contact: H &amp; H # (415) 543-4835</b> <b>APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR</b> <b>JOB SITE: BANK OF AMERICA 1528 Webster Street Alameda, California</b>													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name				Signature				Month		Day		Year	
								0 8		0 3		9 3	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <b>JOSE J. MORENO</b>				Signature <i>Jose J Moreno</i>				Month		Day		Year	
								0 8		0 3		9 3	
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name <b>LEONARD M IRICK</b>				Signature <i>Leonard M Irick</i>				Month		Day		Year	
19. Discrepancy Indication Space <b>Actual gallons 607</b>													
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.

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. **C A C 0 0 0 9 5 6 4 3 2** Manifest Document No. **2 0 7 3 8** of **1**  
 2. Page 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**BANK OF AMERICA / c/o CLAYTON ENVIRONMENTAL**  
**1252 Quarry Lane, Pleasanton, CA. 94566**

A. State Manifest Document Number  
**92220738**

4. Generator's Phone **(510) 426-2600** Attn: **MIKE HOLBROOK**

B. State Generator's ID

5. Transporter 1 Company Name **H & H Ship Service Company** 6. US EPA ID Number **C A D 0 0 4 7 7 1 1 6 8**

C. State Transporter's ID  
**402005**

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

D. Transporter's Phone  
**(415) 543-4835**

9. Designated Facility Name and Site Address  
**PRC PATTERSON, INC.**  
**13331 N. Highway 33**  
**Patterson, CA. 95363** 10. US EPA ID Number **C A D 0 8 3 1 6 6 7 2 8**

E. State Transporter's ID

G. State Facility's ID  
**C A D 0 8 3 1 6 6 7 2 8**

H. Facility's Phone  
**(800) 876-4444**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and (D Number) 12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol 15. Waste Number

**OIL AND WATER**  
**NON-RCRA HAZARDOUS WASTE LIQUID**

**0 0 1 T T** **ORDER** **G** **State 223**

Petroleum Recycling Corporation certifies that the above mentioned waste(s), more specifically identified by reference to the waste manifest set forth above, was/were recycled in accordance with the provisions of 40CFR261.6 and 23.4 pursuant to 40CFR261.3(c) 2) hazardous waste generated from the recycling efforts was also recycled in accordance with the provision of 40CFR266 Subpart D.

**PETROLEUM RECYCLING CORPORATION**

J. Additional Descriptions for Material Listed Above  
**OIL AND WATER** BY *[Signature]*

K. Handling Codes for Wastes Listed Above  
**01**

**PROFILE #A2844**

15. Special Handling Instructions and Additional Information  
**JOB #13281** **JOB SITE: BANK OF AMERICA**  
**24 Hr. Emergency Contact: H & H # (415) 543-4835** **1528 Webster Street**  
**APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR** **Alameda, California**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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

Printed/Typed Name Signature Month Day Year  
*[Signature]* **0 9 1 4 9 3**

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name Signature Month Day Year  
**JIMMIE H. REESE** *[Signature]* **0 9 1 4 9 3**

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

19. Discrepancy Indication Space  
*Actual Gallons per weight tag all 158*

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  
**Debra Firestone** *[Signature]* **0 9 1 4 9 3**

**DO NOT WRITE BELOW THIS LINE.**

92220738  
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550



**ENVIRONMENTAL SERVICES**  
 (DIVISION OF H&H SHIP SERVICE CO., INC.)

220 CHINA BASIN, SAN FRANCISCO, CA 94107 • DAY AND NIGHT: (415) 543-4835 FAX (415) 543-8265

**CERTIFICATE OF DISPOSAL**

AUGUST 06, 1993

H & H Ship Service Company hereby certifies to BAY AREA TANK REMOVAL

1. The storage tank(s), size(s) ONE (1) 500 GALS.  
 removed from the BANK OF AMERICA  
 facility at 1528 WEBSTER STREET  
ALAMEDA, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin St., San Francisco, California 94107.

2. The following tank(s), H & H Job Number 13043  
 have been steam cleaned, cut with approximately 2' x 2' holes, rendered harmless and disposed of as scrap metal.
3. Disposal site: SCHNITZER STEEL, OAKLAND, CALIFORNIA
4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.
5. Should you require further information, please call (415) 543-4835 or (415) 905-5510.

Very truly yours,  
*Lourdes B. Lopez*  
 Lourdes B. Lopez  
 Operations Coordinator

**APPENDIX D**

**ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY  
DOCUMENTATION FOR TANK REMOVAL PHASE**

Western Operations

1252 Quarry Lane  
P.O. Box 9019  
Pleasanton, CA 94566  
(510) 426-2600  
Fax (510) 426-0106

**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

August 6, 1993

Mr. Mike Holbrook  
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.  
1252 Quarry Lane  
Pleasanton, CA 94566

Client Ref.: 49543.00  
Clayton Project No.: 93080.26

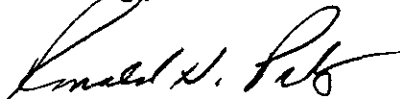
Dear Mr. Holbrook:

Attached is our analytical laboratory report for the samples received on August 3, 1993. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of after October 5, 1993, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Suzanne Silvera, Client Services Supervisor, at (510) 426-2657.

Sincerely,



Ronald H. Peters, CIH  
Director, Laboratory Services  
Western Operations

RHP/tjb  
Attachments



Results of Analysis  
for  
Clayton Environmental Consultants, Inc.

Client Reference: 49543.00  
Clayton Project No. 93080.26

Sample Identification:	1-EAST 8'4"BGS	Date Sampled:	08/03/93
Lab Number:	9308026-01A	Date Received:	08/03/93
Sample Matrix/Media:	SOIL	Date Extracted:	08/04/93
Extraction Method:	EPA 5030	Date Analyzed:	08/06/93
Analytical Method:	EPA 8020		

Analyte	CAS #	Concentration (mg/kg)	Limit of Detection (mg/kg)
<u>BTEX</u>			
Benzene	71-43-2	ND	0.005
Ethylbenzene	100-41-4	0.013	0.005
Toluene	108-88-3	ND	0.005
o-Xylene	95-47-6	0.017	0.005
p,m-Xylenes	--	0.019	0.005
<u>Surrogates</u>		<u>Recovery (%)</u>	<u>QC Limits (%)</u>
1,4-Difluorobenzene	540-36-3	106	50 - 150

ND: Not detected at or above limit of detection  
--: Information not available or not applicable  
Results are reported on a wet weight basis, as received

Results of Analysis  
for  
Clayton Environmental Consultants, Inc.

Client Reference: 49543.00  
Clayton Project No. 93080.26

Sample Identification:	2-WEST 8'6"BGS	Date Sampled:	08/03/93
Lab Number:	9308026-02A	Date Received:	08/03/93
Sample Matrix/Media:	SOIL	Date Extracted:	08/04/93
Extraction Method:	EPA 5030	Date Analyzed:	08/05/93
Analytical Method:	EPA 8020		

Analyte	CAS #	Concentration (mg/kg)	Limit of Detection (mg/kg)
<u>BTEX</u>			
Benzene	71-43-2	0.020	0.005
Ethylbenzene	100-41-4	0.011	0.005
Toluene	108-88-3	0.061	0.005
o-Xylene	95-47-6	0.016	0.005
p,m-Xylenes	--	0.037	0.005
<u>Surrogates</u>		<u>Recovery (%)</u>	<u>QC Limits (%)</u>
1,4-Difluorobenzene	540-36-3	108	50 - 150

ND: Not detected at or above limit of detection  
 --: Information not available or not applicable  
 Results are reported on a wet weight basis, as received

Results of Analysis  
for  
Clayton Environmental Consultants, Inc.

Client Reference: 49543.00  
Clayton Project No. 93080.26

Sample Identification: METHOD BLANK	Date Sampled: --
Lab Number: 9308026-08A	Date Received: --
Sample Matrix/Media: SOIL	Date Extracted: 08/04/93
Extraction Method: EPA 5030	Date Analyzed: 08/05/93
Analytical Method: EPA 8020	

Analyte	CAS #	Concentration (mg/kg)	Limit of Detection (mg/kg)
<u>BTEX</u>			
Benzene	71-43-2	ND	0.005
Ethylbenzene	100-41-4	ND	0.005
Toluene	108-88-3	ND	0.005
o-Xylene	95-47-6	ND	0.005
p,m-Xylenes	--	ND	0.005
<u>Surrogates</u>		<u>Recovery (%)</u>	<u>QC Limits (%)</u>
1,4-Difluorobenzene	540-36-3	102	50 - 150

ND: Not detected at or above limit of detection  
--: Information not available or not applicable  
Results are reported on a wet weight basis, as received

Results of Analysis  
for  
Clayton Environmental Consultants, Inc.

Client Reference: 49543.00  
Clayton Project No. 93080.26

Sample Matrix/Media: SOIL Date Received: 08/03/93  
Preparation Method: EPA 3550 Date Prepared: 08/04/93  
Analysis Method: EPA 8015 (Modified) Date Analyzed: 08/05/93

Lab Number	Sample Identification	Date Sampled	TPH-D (mg/kg)	Detection Limit (mg/kg)
01A	1-EAST 8'4"BGS	08/03/93	300	1
02A	2-WEST 8'6"BGS	08/03/93	1,300	1
07A	COMP OF 03A,04A,05A, &06A	--	2,600	1
08A	METHOD BLANK	--	ND	1

ND Not detected at or above limit of detection  
< Not detected at or above limit of detection  
-- Information not available or not applicable

Results are reported on a wet weight basis, as received  
TPH-D = Extractable petroleum hydrocarbons from C10 to C42  
quantitated as diesel.

### REQUEST FOR LABORATORY ANALYTICAL SERVICES

50% Turnaround OK  
By 10/10

For Clayton Use Only Page 01 of 01

Project No. \_\_\_\_\_  
 Batch No. 8208126  
 Ind. Code \_\_\_\_\_ W.P. \_\_\_\_\_  
 Date Logged In 8/3/93 By T. ACTON

REPORT RESULTS TO	Name <u>MD Holbrook</u> Title _____	Purchase Order No. _____		Client Job No. <u>49543.00</u>		
	Company <u>Clayton</u> Dept. <u>EE</u>	Name <u>MD Holbrook</u> <u>EE</u>		Company <u>Clayton</u> Dept. _____		
	Mailing Address _____	Address _____		City, State, Zip _____		
	City, State, Zip _____	Telephone No. _____		Telefax No. _____		
Date Results Req.: <u>8/6/93</u>	Rush Charges Authorized? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Phone / Fax Results: <input type="checkbox"/> <input type="checkbox"/>	Samples are: (check if applicable)			
Special Instructions: (method, limit of detection, etc.) <u>VERBAL OK Hold samples until OK by MDH at 60 days</u>			<input type="checkbox"/> Drinking Water <input type="checkbox"/> Collected in the State of New York			
* Explanation of Preservative: _____			ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added. *)			
CLIENT SAMPLE IDENTIFICATION		DATE SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)	Number of Containers	FOR LAB USE ONLY
<del>1-1 EAST 8'4" BGS</del>		<u>8/3/93</u>	<u>Soil</u>	<u>1 x 1L BC</u>	<u>1</u>	<u>01A</u>
<u>1-EAST 8'4" BGS</u>		↓	↓	↓	↓	<u>02</u>
<u>2-WEST 8'6" BGS</u>		↓	↓	↓	↓	<u>03</u>
<u>3</u>		↓	↓	↓	↓	<u>04</u>
<u>4.5 - Soil 1/2 L Composite</u>		↓	↓	↓	↓	<u>05</u>
<u>5*</u>		↓	↓	↓	↓	<u>06</u>
<u>6N</u>		↓	↓	↓	↓	<u>07</u>
CHAIN OF CUSTODY		Collected by: <u>MD Holbrook</u> (print)	Collector's Signature: <u>MD Holbrook</u>			
Relinquished by: <u>MD Holbrook</u>		Date/Time _____	Received by: _____		Date/Time _____	
Relinquished by: _____		Date/Time <u>8/3/93</u>	Received at Lab by: <u>Jimmie R. Hon</u>		Date/Time _____	
Method of Shipment: _____		Sample Condition Upon Receipt: <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Other (explain)				
Authorized by: <u>MD Holbrook</u> (Client Signature <u>Must</u> Accompany Request)		Date <u>8/3/93</u>	* SW - labeled as 5 East Soil on sample - logged in as SW per (0-0) <u>MDH 8/1/93</u>			

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

- |   |   |  |  |
|---|---|--|--|
| 22345 Roethel Drive<br>Novi, MI 48375<br>(313) 344-1770 | Raritan Center<br>160 Fieldcrest Ave.<br>Edison, NJ 08837<br>(908) 225-6040 | 400 Chastain Center Blvd., N.W.<br>Suite 490<br>Kennesaw, GA 30144<br>(404) 499-7500 | 1252 Quarry Lane<br>Pleasanton, CA 94566<br>(510) 426-2657 |
|---|---|--|--|

DISTRIBUTION:  
 WHITE - Clayton Laboratory  
 YELLOW - Clayton Accounting  
 PINK - Client Retains

Western Operations

1252 Quarry Lane  
P.O. Box 9019  
Pleasanton, CA 94566  
(510) 426-2600  
Fax (510) 426-0106

**Clayton**  
ENVIRONMENTAL  
CONSULTANTS

August 25, 1993

Mr. Mike Holbrook  
CLAYTON ENVIRONMENTAL CONSULTANTS, INC.  
1252 Quarry Lane  
Pleasanton, CA 94566

ADDITIONAL REPORT  
Client Ref.: 49543.00  
Clayton Project No.: 93080.26

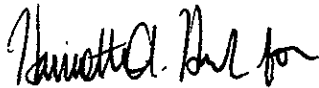
Dear Mr. Holbrook:

Attached is our analytical laboratory report for the samples received on August 3, 1993 and originally reported to you on August 6, 1993. On August 19, 1993 you requested RCI and CAM 17 Metals analysis on a composite of 3E, 4S, 5E and 6N. Those results are presented in this report.

Please note that any unused portion of the samples will be disposed of after October 5, 1993, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Suzanne Silvera, Client Services Supervisor, at (510) 426-2657.

Sincerely,



Ronald H. Peters, CIH  
Director, Laboratory Services  
Western Operations

RHP/tjb  
Attachments

Results of Analysis  
for  
Clayton Environmental Consultants, Inc.

Client Reference: 49543.00  
Clayton Project No. 93080.26

Sample Identification: COMP OF 3E,4S,5E,&6N  
Lab Number: 9308026-07B  
Sample Matrix/Media: SOIL

Date Sampled: --  
Date Received: 08/03/93

Analyte	Concentration	Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Analysis Method
Ignitability	NI	--	Degrees F	--	08/20/93	--	SW 7.1.2
pH	7.9	--	S.U.	--	08/24/93	--	EPA 9045
Reactive Cyanide	<1	1	mg/kg	--	08/20/93	--	EPA 9010
Reactive Sulfide	<10	10	mg/kg	--	08/23/93	--	SW 7.3.4.2

ND Not detected at or above limit of detection  
< Not detected at or above limit of detection  
-- Information not available or not applicable  
NI = Not Ignitable

Results are reported on a wet weight basis, as received

Results of Analysis  
for  
Clayton Environmental Consultants, Inc.

Client Reference: 49543.00  
Clayton Project No. 93080.26

Sample Identification: COMP OF 3E,4S,5E,&6N  
Lab Number: 9308026-07C  
Sample Matrix/Media: SOIL

Date Sampled: —  
Date Received: 08/03/93

Analyte	Concentration	Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Analysis Method
Antimony	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Arsenic	2	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Barium	59	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Beryllium	0.2	0.1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Cadmium	<0.5	0.5	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Chromium	34	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Cobalt	5	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Copper	10	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Lead	12	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Mercury	<0.1	0.1	mg/kg	08/23/93	08/23/93	EPA 7471	EPA 7471
Molybdenum	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Nickel	36	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Selenium	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Silver	<0.5	0.5	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Thallium	14	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Vanadium	31	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Zinc	51	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010

ND Not detected at or above limit of detection  
< Not detected at or above limit of detection  
— Information not available or not applicable

Results are reported on a wet weight basis, as received



Results of Analysis  
for  
Clayton Environmental Consultants, Inc.

Client Reference: 49543.00  
Clayton Project No. 93080.26

Sample Identification: METHOD BLANK  
Lab Number: 9308026-08B  
Sample Matrix/Media: SOIL

Date Sampled: --  
Date Received: --

Analyte	Concentration	Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Analysis Method
Reactive Cyanide	<1	1	mg/kg	--	08/20/93	--	EPA 9010
Reactive Sulfide	<10	10	mg/kg	--	08/23/93	--	SW 7.3.4.2

ND Not detected at or above limit of detection  
< Not detected at or above limit of detection  
-- Information not available or not applicable

Results are reported on a wet weight basis, as received

Results of Analysis  
for  
Clayton Environmental Consultants, Inc.

Client Reference: 49543.00  
Clayton Project No. 93080.26

Sample Identification: METHOD BLANK  
Lab Number: 9308026-08C  
Sample Matrix/Media: SOIL

Date Sampled: --  
Date Received: --

Analyte	Concentration	Detection Limit	Units	Date Prepared	Date Analyzed	Prep Method	Analysis Method
Antimony	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Arsenic	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Barium	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Beryllium	<0.1	0.1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Cadmium	<0.5	0.5	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Chromium	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Cobalt	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Copper	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Lead	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Mercury	<0.1	0.1	mg/kg	08/23/93	08/23/93	EPA 7471	EPA 7471
Molybdenum	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Nickel	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Selenium	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Silver	<0.5	0.5	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Thallium	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Vanadium	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010
Zinc	<1	1	mg/kg	08/20/93	08/20/93	EPA 3050	EPA 6010

ND Not detected at or above limit of detection

< Not detected at or above limit of detection

-- Information not available or not applicable

Results are reported on a wet weight basis, as received

**APPENDIX E**

**NON-HAZARDOUS MATERIALS MANIFEST AND WEIGHT  
CERTIFICATES FOR PCM**

PCM

LOT # 340 FORM 3

NON-HAZARDOUS MATERIALS HAULING MANIFEST

6402

CONTRACTOR

NAME BAY AREA TANK REMOVAL  
 ADDRESS 254 CURRA STREET PHONE NO. (415) 543-2255  
 CITY, STATE, ZIP SAN FRANCISCO, CA 94107 FAX NO. (415) 512-0680

SITE INFO

NAME BANK OF AMERICA WASTE DESCRIPTION: SOIL  
 ADDRESS 1528 WEBSTER STREET GENERATING PROCESS: TANK EXCAVATION  
 CITY, STATE, ZIP ALAMEDA, CA

COMPONENTS OF WASTE	PPM	COMPONENTS OF WASTE	PPM
<u>TPH - DIESEL</u>	<u>2,600</u>		

GENERATOR

NAME BOFA c/o CLAYTON ENVIRONMENTAL  
 ADDRESS 1257 QUARRY LANE PHONE NO. (510) 426-2650  
 CITY, STATE, ZIP PLEASANTON, CA 94566 FAX NO. (510) 426-0106

GENERATOR/OWNER CERTIFIES THIS WASTE AS DESCRIBED IS 100% NON-HAZARDOUS  
 BY [Signature] MARC A. EDWARDS DATE 9/14/93  
 SIGNATURE PRINT OR TYPE FULL NAME

HAULER

COMPANY NAME F.A. FOLT TRUCKING PHONE NO. 585-7501  
 ADDRESS 235 ROCKWOOD DRIVE SERVICE ORDER NO. \_\_\_\_\_  
 CITY, STATE, ZIP SOUTH SAN FRANCISCO CA 94080 PICK UP DATE 9-14-93

TRUCK LD. NO. 79 TRAILER NO. 79 LOAD NO. 1 OF \_\_\_\_\_  
 DRIVER [Signature] Edel Imhof DATE 9-14-93  
 SIGNATURE PRINT OR TYPE FULL NAME

PROCESSOR

PORT COSTA MATERIALS, INC. DISPOSAL METHOD - THERMAL REMEDIATION  
 9000 CARQUINEZ SCENIC DRIVE  
 PORT COSTA, CA 94569 PHONE: (510) 602-1200

**PORT COSTA MATERIALS**

DATE  
9-13-93

P.O. BOX 50 • 8000 Carquinez Scenic Drive • Port Costa, CA 94569  
415/229-7266

CONTRACTOR: **BAY AREA TANK REMOVAL**  
**BANK OF AMERICA**

SOURCE: **WEBSTER ST**  
**ALAMEDA, CA**

TAG-BILL OF LADING **No. 06401 CS**

LOT # **340**

CONTAMINANT TYPE	WEIGHT	CASH SALE DATE		
		PRICE	UNIT	AMOUNT
GROSS	179440 LBS			
TARE	30000 LBS			
NET	149440 LBS			
WEIGHT PER C/F				
TONS				
SUB TOTAL				
% SALES TAX				
TOTAL				

TRUCK:

TIME ON SCALE 1238

TIME OFF SCALE 1240

MASTERSO  
DRIVER'S NAME

E-77 E77T  
TRUCK NO. TRAILER NO. TRAILER NO.

DRIVER ON  OFF  GROSS & TARE

CHARGE:

CONTAINER

BULK

OTHER

SEAL # \_\_\_\_\_

CARRIER: F.A. Poni

BY: Jean Masterson

DATE: 9-14-93

PORT COSTA MATERIALS, INC. WEIGHMASTER

BY: R.C. Santos DEPUTY

**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.

**No. 06401 CS**



**PORT  
COSTA  
MATERIALS**

P.O. BOX 5D • 9000 Carquinez Scenic Drive • Port Costa, CA 94569  
415/228-7208

DATE: **9-14-93**

CONTRACTOR: **Bay Area Tank Removal**

TAG-BILL OF LADING No. **06402 CS**

SOURCE: **Bank of America  
Alameda**

LOT # **340**

CONTAMINANT TYPE	WEIGHT	CASH SALE DATE		
		PRICE	UNIT	AMOUNT
GROSS <b>74940</b> LBS				
TARE <b>29680</b> LBS				
NET <b>45260</b> LBS				
TONS				
TRUCK				
TIME ON SCALE <b>1255</b>	WEIGHT PER CWT			
TIME OFF SCALE <b>1301</b>				
DRIVER'S NAME <b>F19</b>				
TRUCK NO. <b>F19</b>				
TRAILER NO.				
TRAILER NO.				
DRIVER ON <input type="checkbox"/> OFF <input type="checkbox"/>				
GROSS & TARE				
TARE				
SUB TOTAL				
% SALES TAX				
TOTAL				

- CONTAINER
- BULK
- OTHER

SEAL # \_\_\_\_\_

CARRIER: **Boi**  
BY: *[Signature]*  
DATE: **9-14-93**

PORT COSTA MATERIALS, INC. WEIGHMASTER  
BY: *[Signature]* DEPUTY

**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.

**No. 06402 - CS**

PCM

COF 7

LOT # 340 FORM 3

NON-HAZARDOUS MATERIALS HAULING MANIFEST

6401

CONTRACTOR

NAME BAY AREA TANK REMOVAL  
 ADDRESS 254 CURRA STREET PHONE NO. (415) 543-2255  
 CITY, STATE, ZIP SAN FRANCISCO, CA 94107 FAX NO. (415) 512-0680

SITE INFO

NAME BANK OF AMERICA WASTE DESCRIPTION: SOIL  
 ADDRESS 1528 WEBSTER STREET GENERATING PROCESS: TANK EXCAVATION  
 CITY, STATE, ZIP ALAMEDA, CA.

COMPONENTS OF WASTE	PPM	COMPONENTS OF WASTE	PPM
<u>TPH - DIESEL</u>	<u>3,600</u>		

GENERATOR

NAME BOFA c/o CLAYTON ENVIRONMENTAL  
 ADDRESS 1257 QUARRY LANE PHONE NO. (510) 426-2650  
 CITY, STATE, ZIP PLEASANTON, CA 94566 FAX NO. (510) 426-0106  
 GENERATOR/OWNER CERTIFIES THIS WASTE AS DESCRIBED IS 100% NON-HAZARDOUS  
 BY [Signature] MARC A. EDWARDS DATE 9/14/93  
 SIGNATURE PRINT OR TYPE FULL NAME

HAULER

COMPANY NAME F.A. FOLEY TRUCKING PHONE NO. 415-589-7529  
 ADDRESS 235 ROCKWOOD DRIVE SERVICE ORDER NO. \_\_\_\_\_  
 CITY, STATE, ZIP SOUTH SAN FRANCISCO CA 94080 PICK UP DATE 9-14-93  
 TRUCK ID. NO. F77 TRAILER NO. F77T LOAD NO. \_\_\_\_\_ OF \_\_\_\_\_  
 DRIVER [Signature] JAMES MASTERSON DATE 9-14-93  
 SIGNATURE PRINT OR TYPE FULL NAME

PROCESSOR

PORT COSTA MATERIALS, INC.  
 9000 CARQUINEZ SCENIC DRIVE  
 PORT COSTA, CA 94569  
 DISPOSAL METHOD - THERMAL REMEDIATION  
 PHONE: (510) 602-1200

**APPENDIX F**

**ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY  
DOCUMENTATION FROM GEOCHEM LABORATORY FOR  
OVEREXCAVATION PHASE**





# ENVIRONMENTAL LABORATORIES

Mobile & In-House Laboratories Certified by State of California

Phone: (408) 955-9988 / FAX: (408) 955-9538

## ANALYTICAL REPORT

Page: 1 of 1

Client: Bay Area Tank Removal  
254 Clara St.  
San Francisco, CA 94107  
Attn: Jim Tracy

Date Sampled: 09/15/93  
Date Received: 09/15/93  
Date Analyzed: 09/15/93  
Batch: SA-253 Matrix: Soil  
Conc. Unit mg/kg (ppm)

Project: Bank of America, Alameda

"ND" means "not detected" at indicated detection limit.  
B:benzene, T:toluene, E:ethylbenzene & X:total xylenes.  
Samples received at job-site with a chain of custody record.

SAMPLE I.D.	8015M/TPH	8020			
	Diesel	B	T	E	X
DETECTION LIMIT	0.05 ppm	0.0005 ppm			
S-1	107.6	ND	ND	ND	ND
S-2	1005	ND	ND	ND	ND
S-4	ND	ND	ND	ND	ND
S-6	857.0	ND	ND	ND	ND

Reviewed and approved by George Tsai SEPT. 17, 1993  
George Tsai, Laboratory Director

# Clayton

ENVIRONMENTAL CONSULTANTS

A Marsh & McLennan Company

## REQUEST FOR LABORATORY ANALYTICAL SERVICES

Proc. B of A, ALAMEDA

For Clayton Use Only Page 1 of 1

Project No. \_\_\_\_\_

Batch No. \_\_\_\_\_

Ind. Code \_\_\_\_\_ W.P. \_\_\_\_\_

Date Logged In \_\_\_\_\_ By \_\_\_\_\_

REPORT RESULTS TO	Name <u>BAY AREA TANK REMOVAL</u> Title _____		Purchase Order No. _____		Client Job No. _____																																																																																																																																	
	Company _____ Dept. _____		Name _____		Company _____ Dept. _____																																																																																																																																	
	Mailing Address <u>254 CLARA ST</u>		Address _____		City, State, Zip _____																																																																																																																																	
	City, State, Zip <u>SE CA 97401</u>		City, State, Zip _____		City, State, Zip _____																																																																																																																																	
Telephone No. <u>415/543-2255</u> Telefax No. _____		Date Results Req.: <input type="checkbox"/> Yes <input type="checkbox"/> No		Rush Charges Authorized? <input type="checkbox"/> Yes <input type="checkbox"/> No		Phone / Fax Results <input type="checkbox"/> <input type="checkbox"/>																																																																																																																																
Special Instructions: (method, limit of detection, etc.)			Samples are: (check if applicable)		ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request; Enter a 'P' if Preservative added.)																																																																																																																																	
Explanation of Preservative:			<input type="checkbox"/> Drinking Water <input type="checkbox"/> Collected in the State of New York		<table border="1"> <tr> <th>Number of Containers</th> <th colspan="10">ANALYSIS REQUESTED</th> <th>FOR LAB USE ONLY</th> </tr> <tr> <td></td> <td colspan="10" style="text-align: center;">TPH-D/BGP Halter</td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Number of Containers	ANALYSIS REQUESTED										FOR LAB USE ONLY		TPH-D/BGP Halter												X													X																	X									X													X													X													X													X											
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S-8					1		X																																																																																																																															

CHAIN OF CUSTODY	Collected by: <u>DARIUSH DASTMALCHI</u> (print)	Collector's Signature: <u>[Signature]</u>
	Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>
	Relinquished by: _____	Received at Lab by: _____
	Method of Shipment: _____	Sample Condition Upon Receipt: <input type="checkbox"/> Acceptable <input type="checkbox"/> Other (explain)
Authorized by: _____ Date _____ (Client Signature Must Accompany Request)		Date/Time <u>9/15/93 12:45</u>

Please return completed form and samples to one of the Clayton Environmental Consultants, Inc. labs listed below:

22345 Roethel Drive Novi, MI 48375 (313) 344-1770	Raritan Center 160 Fieldcrest Ave. Edison, NJ 08837 (908) 225-6040	400 Chastain Center Blvd., N.W. Suite 490 Kennesaw, GA 30144 (404) 499-7500	1252 Quarry Lane Pleasanton, CA 94566 (510) 426-2657
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DISTRIBUTION:  
WHITE - Clayton Laboratory  
YELLOW - Clayton Accounting  
PINK - Client Retains

2/92

OCT-16-93 WED 11:14 BAY AREA TANK REMOVAL P. 03