

LETTER OF TRANSMITTAL

TO: City of Albany
1000 San Pablo Avenue
Albany, CA 94706

DATE: March 10, 1993

PROJ: Library

ATTN: Mr. Jason Baker

NO.: 653.052

ENCLOSED: Three copies of the Contamination Assessment and Remediation Report for the Albany Library and Community Center, dated March 10, 1993.

AS REQUESTED

FOR YOUR USE

REMARKS:

HARLAN TAIT ASSOCIATES

By David H. Connell
David H. Connell

cc: Alameda County Health Services Agency
Department of Environmental Health
ATT: Mr. Brian Oliva

**CONTAMINATION ASSESSMENT
AND REMEDIATION REPORT**

**ALBANY LIBRARY AND COMMUNITY CENTER
1247 MARIN AVENUE, ALBANY, CALIFORNIA**

prepared for

**CITY OF ALBANY
DEPARTMENT OF PUBLIC WORKS
1000 SAN PABLO AVENUE
ALBANY, CALIFORNIA 94706**

by

HARLAN TAIT ASSOCIATES

Project No. 653.052

March 10, 1993

The contamination assessment presented herein was generally performed in accordance with the Contamination Assessment Workplan submitted to the Alameda County Department of Environmental Health on June 24, 1992. The workplan was subsequently approved by Mr. Brian Oliva of the Alameda County Health Care Services Agency, Department of Environmental Health (ACDEH). The site soil remediation plan was verbally discussed with and approved by Mr Brian Oliva and Mr. Jason Baker of the City of Albany.

The work was performed under the direction of a State of California Registered Civil Engineer. Our work was conducted in accordance with current generally accepted practice followed by environmental consulting professionals in Northern California. Analytical testing was performed by a State of California certified laboratory. No other representation, express or implied, and no warranty or guarantee is included or intended.



David H. Connell
Civil Engineer 24634

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DHC:JVO\RG

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I. INTRODUCTION

This document presents the results of our contamination assessment and observation of remediation of petroleum contaminated soil at the Albany Library and Community Center site at 1247 Marin Avenue in Albany, California. The owner of the site is the City of Albany. The contact person for the City is Jason Baker, 1000 San Pablo Avenue, Albany, California, (510) 528-5760. The lead Investigating Agency is the Alameda County Health Care Services Agency, Department of Environmental Health (ACDEH).

During demolition of the old Alta Bates Albany Hospital building in the first part of June 1992, the following occurred:

- (1) An old underground heating oil tank was discovered and removed from the site on June 17, 1992, under the observation of Larry Seto of ACDEH. The location of the tank is shown on Figure 1. No detectable levels of petroleum hydrocarbons were found in the samples obtained from the tank excavation. The tank removal report is presented in Appendix A. The tank site was closed and no further studies in the tank area were performed.
- (2) Old pipes from the heating oil tank to the boiler room area of the old basement were found under the removed slab. The exposed soil in the area of the pipes was stained and smelled of petroleum hydrocarbons. The approximate area of the stained soils is designated on Figure 1 as the extent of contaminated soil removal.
- (3) A sump and cylinder for an old hydraulic elevator were found at approximately the location of the Reference Point shown on Figure 1. The hydraulic cylinder was removed from the site as construction debris. Discolored soil which appeared to be contaminated with hydraulic fluid or heating oil was exposed in the area of the sump.

The work described in this report was performed during the period of mid-June through early-August 1992. The work consisted of: (1) excavation of test pits and analytical testing to evaluate the vertical and lateral extent of soil contamination and to evaluate if the groundwater has been affected by petroleum hydrocarbon compounds in the

proximity of the old boiler room and elevator cylinder; and (2) observation and documentation of removal of contaminated soil from the site.

Methods and procedures utilized for collecting and analyzing samples of soil and groundwater are described and conform to the methodology required by the Tri-Regional Board Staff Recommendations (August 10, 1990) to the State of California Water Resources Control Board's Leaking Underground Fuel Tank (LUFT) Manual for assessing and reporting soil and groundwater contamination associated with closure of underground storage tanks.

II. BACKGROUND DATA

A. Site Description

An old hospital building that was constructed in the 1920s or 1930s and was used by the City of Albany between 1988 and 1991 as a community center was demolished and all foundations including basement walls and slabs were removed from the site in early June 1992. According to City of Albany personnel, the hospital administrative staff interviewed at the time of sale had no knowledge of the heating oil tank or piping. At the time of the assessment and remediation described in this report, the site was bare. The locations of the excavation for the old basement, the planned building and basement, and other features relevant to this study are shown on Figure 1.

Construction of a new library and community center building with a 15-foot-deep basement started in September 1992. The new basement requires excavation of an additional seven feet of soil.

The site is approximately 200 feet square and is bordered on three sides by city streets and on the north side by residences.

B. Physical Setting

The site is located on an alluvial plain east of the San Francisco Bay and west of the Berkeley Hills. The site is underlain by older alluvial fan deposits derived from the hills to the east and the deposits are believed to be in excess of 50 feet thick. The ground surface slopes gently to the west and the site is at about Elevation 60 feet (MSL).

Based on a geotechnical investigation performed by us for the planned Library and Community Center, report revised dated July 13, 1992, the site has a surficial layer of about 3 to 4 feet of dark brown silty clay underlain by brown gravelly sandy clay with zones of clayey gravel to depths exceeding 22 feet.

The uppermost groundwater gradient generally flows to the west towards the San Francisco Bay. In December 1990 during the geotechnical investigation, shallow groundwater was measured at depths of about 17 to 18 feet in the borings. Standing water was measured in the north sump pit and the excavation pit for removal of

contaminated soil on July 30, 1992 at a depth of about 12 feet below planned building ground floor slab grade. Groundwater is estimated to vary seasonally at depths between 10 and 20 feet. The nearest drainage channel is Codornices Creek located about 2000 feet south of the site.

C. Heating Oil Tank Removal and Disposal

The tank was removed on June 17, 1992, by SEMCO, Environmental and General Engineering Contractors. The tank was disposed of off-site by SEMCO as hazardous waste. After removal, the hole was left open for filling during building construction.

During tank removal, a small amount of soil with an odor and discoloration was observed immediately below the tank. This soil was excavated and relocated to the stockpile area of the site (see Figure 1) and covered with plastic. Following tank and soil removal, two discrete samples of soil from below the tank and a composite sample of the stockpile materials excavated from around the tank were obtained and tested for total petroleum hydrocarbons (TPH) as diesel, and benzene, toluene, ethylbenzene, and xylene (BTEX). TPH and BTEX were not detected in any of the samples. Sample testing was performed by Superior Precision Analytical Inc. laboratories, San Francisco, California. The tank removal report including analytical results and chain of custody record are included in Appendix A.

D. Previous Soil Sampling and Analyses in Basement Area

One near surface soil sample was obtained from the basement subgrade in the area of the elevator sump by SEMCO during the time of the tank removal. The sample was tested for TPH as gasoline and diesel, and BTEX. TPH as gas was not detected, TPH as diesel was 140 mg/kg, benzene and ethylbenzene were not detected, and toluene and xylenes were detected at 4 and 12 ug/kg, respectively. The laboratory results are attached at the end of the Workplan in Appendix B.

III. CONTAMINATION ASSESSMENT

A. Approach

A contamination assessment workplan (Appendix B) was submitted to the ACDEH on June 24, 1992. Comments from the ACDEH were given in their letter dated July 8, 1992 (Appendix C), and a response letter was submitted by HTA on July 9, 1992 (Appendix D). As proposed in the Workplan, our assessment program consisting of test pits, visual examination of soils, and sampling and analytical testing of soils and water was performed to evaluate the lateral and vertical extent of soil contamination, soil contamination levels, and whether groundwater has been affected. The assessment was initiated on July 14, 1992, and is described below.

B. Field Exploration and Sampling

1. Soil Sampling

At the locations shown on Figure 2, nine test pits were excavated with a backhoe in the area of discolored soil around the old basement piping, sump and elevator hydraulic cylinder. Using a PID tester (HNU 101), hydrocarbon vapor levels were measured in each pit. Based on the PID results and observations of odor or discoloration, soil samples were obtained for analytical testing at various depths in the pits. Spoils from the test pits were placed in the stockpile area and covered with plastic.

Soil samples were collected in 2-inch diameter by 6-inch long brass liners advanced into the soil using a slide hammer. Samples were collected after removing several inches of soil from the excavated backhoe surface. The liner was then driven sufficiently so that no headspace is present in the liner when removed. Following removal of the liner, both ends of the liner were covered with teflon and plastic end caps, labeled, logged on a chain-of-custody form, and placed in an ice chest to be kept at 4°C during transport to the analytical laboratory.

Prior to initial and between subsequent use, all soil and groundwater sampling equipment was field decontaminated by washing in a mixture of Alconox and clear water,

rinsing in clear water, rinsing in distilled water, and allowed to air dry. Our standard operating procedures for sample collection and handling are in Appendix E.

2. Water Sample Collection

Grab samples of water were obtained from the bottom of Test Pits 1 and 4 after allowing water to seep into the pits, and from standing water in the north sump (Figure 1). The samples were collected utilizing a teflon bailer and then transferred to sample containers supplied by the analytical laboratory; each container was filled completely with no headspace. Following transference, each sample container was labeled, logged on a chain-of-custody form, and placed in an ice chest to be kept at 4°C during transport to the analytical laboratory.

C. Analytical Test Results

Based on the PID readings and observations for odor and discoloration of each sample, selected soil and water samples were tested for: Total Petroleum Hydrocarbons (TPH) as diesel (EPA 8015); Oil and Grease (SM5520F); and BTEX (EPA 8020)

All analyses were conducted by Superior Precision Analytical, Inc., San Francisco, California (State of California Certification Nos. 1332 and 1542). Tests were performed in accordance with the requirements as specified by the Tri-Regional Recommendations to the LUFT manual.

A summary of the test results is presented on Table 1, and the complete laboratory report is included in Appendix F. Concentrations measured in the soil samples ranged from non-detected (less than 50 parts per million (ppm)) to 1400 ppm for TPH as Diesel, less than 50 to 230 ppm for oil and grease, and non detected levels of BTEX except for 6 and 64 parts per billion (ppb) of xylene in two samples. The two water samples from the test pits contained TPH as Diesel at concentrations of 110 to 350 ppb and no BTEX. TPH as Diesel and BTEX were not detected in the water sample from the north sump.

D. Conclusions

In our opinion, the results of the assessment show that soil in the old basement area is contaminated with petroleum hydrocarbons from the old heating oil pipes and/or the elevator hydraulic cylinder. The contaminated soil is limited in lateral extent as shown

on Figures 1 and 2, and to depths ranging from about 1 to 4.5 feet below the old basement level. Based on our visual observation and correlating test results, generally the grey stained soil contains petroleum hydrocarbon contamination, and the brown and yellow-brown soils do not contain detectable levels of petroleum hydrocarbons.

Water obtained from the north sump had no detectable levels of hydrocarbons, but water samples from the two test pits contained TPH. In our opinion, the water sample from the north sump is more representative of the groundwater and the water sampled in the test pits is representative of local water that has seeped through contaminated soil thus picking up hydrocarbons.

IV. SITE REMEDIATION

A. General

Upon receipt of the contamination assessment results, site remediation was discussed with Brian Oliva of the ACDEH and Jason Baker of the City of Albany. The approved remediation plan consists of excavation of contaminated soils, sampling and testing of the exposed surface soils to confirm that all contaminated soils have been removed, stockpiling excavated soils on site, and disposing of stockpiled soils at a landfill. The City of Albany arranged for the old hospital demolition contractor, Marvin Collins Construction, to remove stained and contaminated soils from the bottom of the basement excavation and stockpile them on site.

B. Soil Excavation and Stockpiling

1. Approach and Results

On July 20, 1992, the contractor removed soils selected on the basis of odor and discoloration from the basement area and stockpiled it in the southeastern part of the site as shown on Figure 1. Plastic sheeting was placed on the ground prior to placing the contaminated soil in the stockpile and plastic sheeting was placed over the stockpiled soil after filling. At the completion of excavation, David Connell of HTA met with Brian Oliva at the site to discuss the completeness of contaminated soil removal and testing requirements to document site remediation and for the stockpile disposal. To confirm that the contaminated soils were removed, it was agreed that four discrete soil samples would be taken from the bottom of the excavation at the locations shown on Figures 1 and 2, samples D-1 through D-4. To document stockpile contaminants, seven composite samples, one for every 50 cubic yards of material, were obtained and tested. A copy of the ACDEH Inspection Report Form is provided in Appendix H. At the completion of excavation, no standing water was present in the excavation. Details on sampling procedures and analytical testing are discussed below. Results of the analytical testing are presented on Table 2.

TPH and BTEX were not detected in the discrete soil samples except for D-2 which contained 43 ppm TPH. During a telephone discussion with Brian Oliva, it was

decided to remove additional soil in the area of sample D-2 and resample the soil at the base of the excavation. On July 30, 1992, additional soil approximately 18 inches deep was excavated and placed in the stockpile. Discrete soil sample D-5 was then obtained and tested. TPH and BTEX were not detected in the sample. On July 30, 1992, water had ponded in the bottom of the excavation in the area shown on Figure 2. A sample of this water was obtained and tested; TPH and BTEX were not detected in the pit water sample.

The samples taken from the stockpile contained 14 to 440 ppm TPH as diesel.

2. Field Sampling Procedures

At the locations shown on Figure 2, five discrete soil samples were obtained for analytical testing from the bottom of the excavation after contaminated soil removal. Soil samples were collected in 2-inch diameter by 6-inch long brass liners advanced into the soil using a slide hammer. Samples were collected after removing several inches of soil from the excavated surface. The liner was then driven sufficiently so that no headspace is present in the liner when removed. Following removal of the liner, both ends of the liner were covered with teflon and plastic end caps.

On July 30, 1992, a grab sample of water was obtained from the water ponded in the bottom of the pit (Figure 2). The water was collected directly into the sample containers supplied by the analytical laboratory; each container was filled completely with no headspace.

At the direction of Brian Oliva of the ACDEH, seven composite soil samples were taken from the stockpile at the locations shown on Figure 1. The stockpile was estimated at about 350 cubic yards; one composite sample was obtained for every 50 cubic yards of soil. The composite samples were obtained from across the top of the stockpile using a disposable scoop; soil was placed in a brass liner, tamped and filled to the top so that no headspace was present.

Each sample container was labeled, logged on a chain-of-custody form, and placed in an ice chest to be kept at 4°C during transport to the analytical laboratory. Our standard operating procedures for sample collection and handling are in Appendix E.

3. Analytical Testing

Each discrete soil sample collected from the excavated surface and the water sample from the pit was tested for Total Petroleum Hydrocarbons (TPH) as diesel (EPA 8015) and BTEX (EPA 8020). Each stockpile composite sample was tested for TPH as diesel and selected samples were tested for BTEX.

All analyses were conducted by Superior Precision Analytical, Inc., San Francisco, California (State of California Certification Nos. 1332 and 1542). Tests were performed in accordance with the requirements as specified by the Tri-Regional Recommendations to the LUFT manual.

A summary of the test results is presented on Table 2, and the complete laboratory testing report is included in Appendix G.

C. Contaminated Soil Removal from Site

The City of Albany hired SEMCO to remove the contaminated stockpiled soils from the site. On July 30 and 31, 1992, the soil was loaded into trucks and transported to the Guadalupe Landfill in San Jose, California for disposal. A total of 399 cubic yards of soil was removed from the site and disposed of at the landfill. The soil disposal manifests/weigh tickets are included in Appendix I.

V. CONCLUSIONS AND DISCUSSION

Our investigation and the results of analytical testing indicate that detectable concentrations of petroleum hydrocarbons in the diesel range, benzene, toluene, ethylbenzene, and xylene were present in the soil samples obtained from the test pits excavated in the bottom of the basement excavation during the contamination assessment. Based on this information, contaminated soils were excavated from the bottom of the excavation and stockpiled on site. Five discrete soil samples were obtained and tested to confirm that contaminated soils were removed from the bottom of the basement excavation in the area of the old elevator sump and heating oil piping for the old boiler. Composite soil samples from the stockpile were tested and found to have TPH concentrations in the range acceptable for disposal at the Guadalupe Landfill. Water samples were taken on the site from the north sump and the ponded water in the excavation pit after removal of the contaminated soils. Petroleum hydrocarbons were not detected in either of these water samples.

Based on the results of our observations and analytical testing, in our opinion, soils contaminated with petroleum hydrocarbons have been removed from the site. In our opinion, groundwater underlying the site has not been contaminated with petroleum hydrocarbons based on the fact that water samples from the north sump and the pit did not contain detectable levels of petroleum hydrocarbons.

TABLES

TABLE 1
Summary of Analytical Test Results
Test Pit Exploration

<u>Test Pit No.</u>	<u>Sample Depth (ft.)</u>	<u>TPH Diesel (ppm)</u>	<u>Oil and Grease (Test 5520F) (ppm)</u>	<u>BTEX (ppb)</u>
1	1	34	150	Xylene 6, others <3 <3
	4	<10		
2	1	1,400	<50	
	3.9	<10		
4	1	140		
5	1	<10		
7	1	53		
8	1.4	300	230	Xylene 64, others <3
	4.4	420		
1	water	350 ppb	<5	<0.3
4	water	110 ppb		<0.3
North Sump	water	<50 ppb		<0.3
Trip Blank	water			<0.3

Notes:

ppm Parts per million
 ppb Parts per billion
 TPH Total petroleum hydrocarbons, (EPA Test 8015)
 BTEX Benzene, toluene, ethylbenzene, xylene, (EPA Test 5030/8020)
 <5 Not detected at stated detection limit
 Blank Sample not tested for compound

TABLE 2

Summary of Analytical Test Results

Excavation Bottom and Stockpile Composite Samples

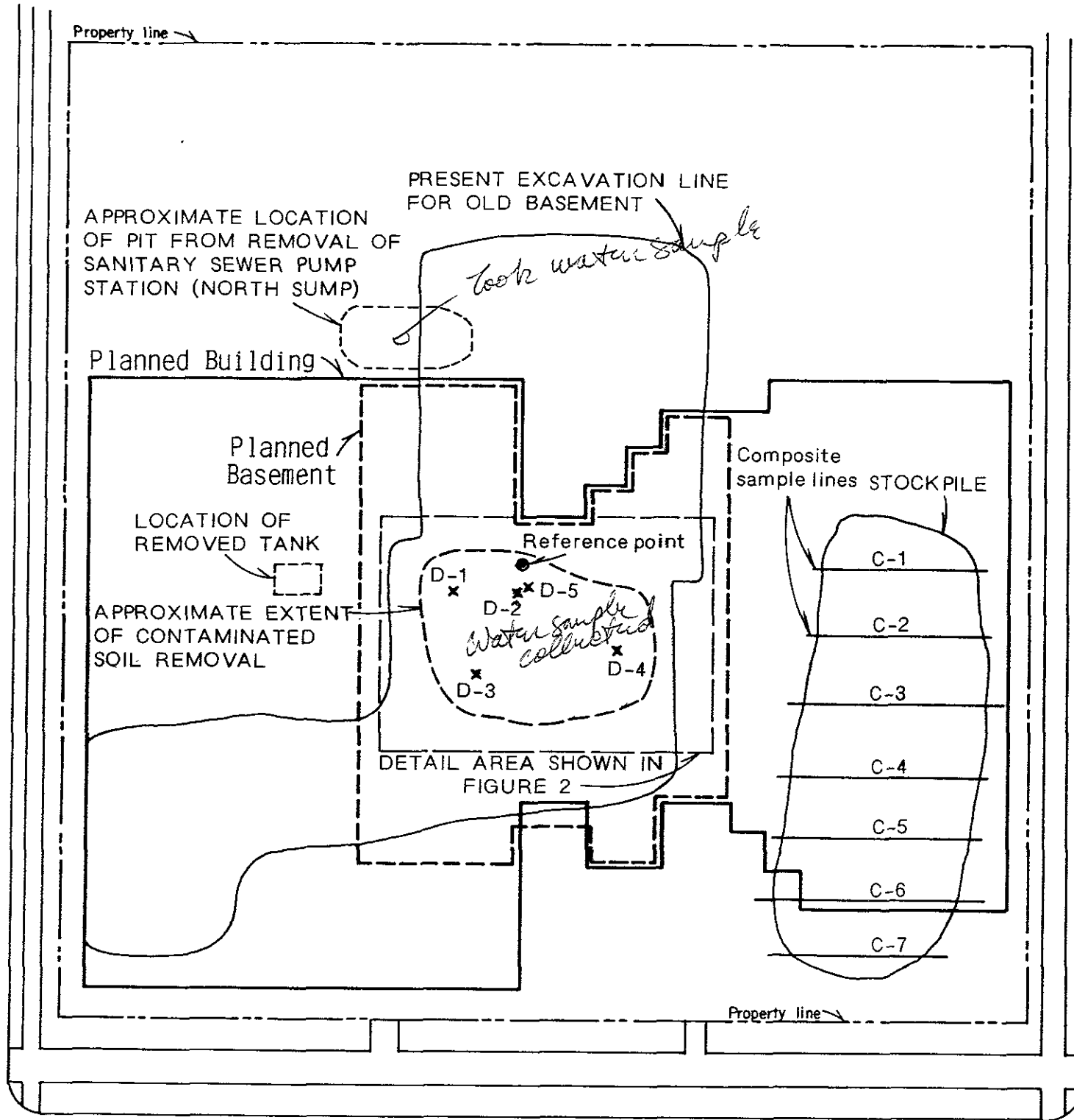
<u>Sample No.</u>	<u>Location</u>	<u>TPH Diesel (ppm)</u>	<u>Benzene (ppb)</u>	<u>Toluene (ppb)</u>	<u>Ethylbenzene (ppb)</u>	<u>Xylene (ppb)</u>
D-1	pit	<10	<3	<3	<3	<3
D-2	pit	43	<3	<3	<3	<3
D-3	pit	<10	<3	<3	<3	<3
D-4	pit	<10	<3	<3	<3	<3
C-1	stockpile	440				
C-2	"	120				
C-3	"	100	<3	4	4	9
C-4	"	100				
C-5	"	25	<3	<3	4	10
C-6	"	14				
C-7	"	280				
W-1	pit	<50 ppb	<0.3	<0.3	<0.3	<0.3
D-5	pit	<10	<3	<3	<3	<3

Notes:

ppm Parts per million
 ppb Parts per billion
 TPH Total petroleum hydrocarbons, (EPA Test 8015)
 BTEX Benzene, toluene, ethylbenzene, xylene, (EPA Test 5030/8020)
 <5 Not detected at stated detection limit
 Blank Sample not tested for compound

FIGURES

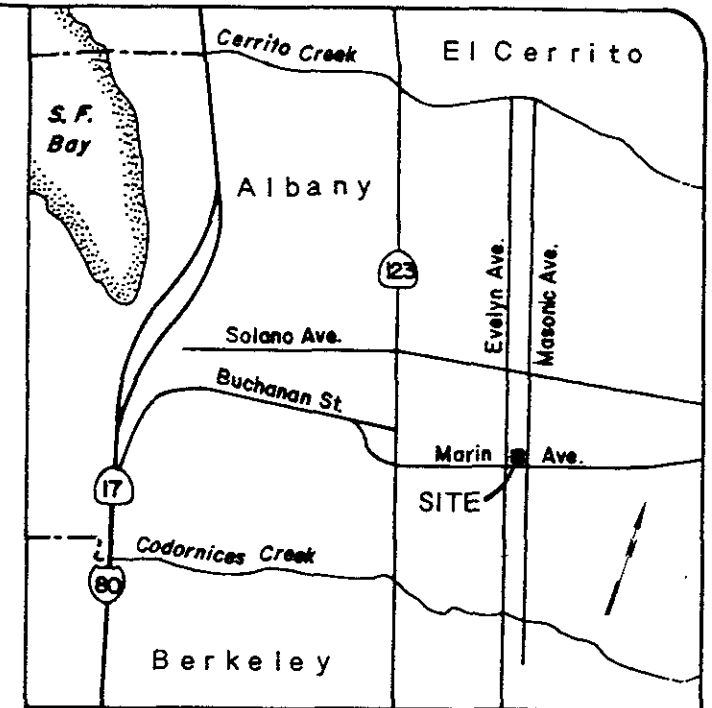
Evelyn Avenue



Marin Avenue

SITE PLAN

Masonic Avenue



VICINITY MAP

LEGEND

- x D-5 Discrete sample locations after soil removal
- C-7 Composite sample lines

Note: Plan shows conditions on July 30, 1992.

Reference: Existing and Planned Building Plans, Marquis Associates, July, 1992.

0 30 60 feet

SITE PLAN & VICINITY MAP

Albany Library and Community Center
1247 Marin Avenue
Albany, California

Proj. No: 653.052
Date: 8/6/92
App'd by: DHC

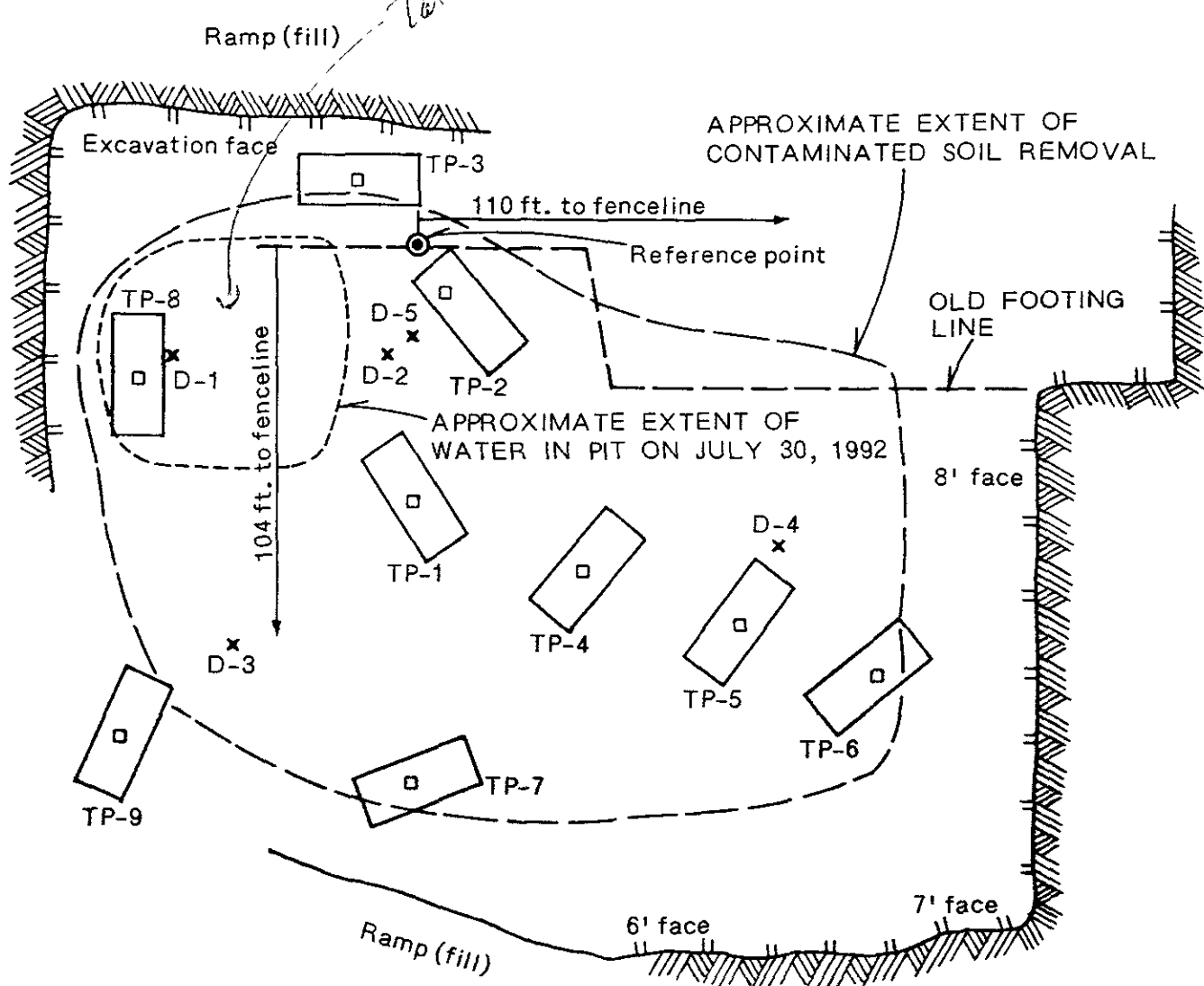
HTA Harlan Tait Associates

Consulting Engineers and Geologists

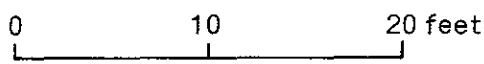
FIGURE

1

Take W-1 sample



- LEGEND**
- TP-9 Test pit locations
 - D-7 x Discrete sample locations after soil removal



Location of detail shown in Figure 1.

APPENDIX A

92278175
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550
 GENERATOR
 FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA10101018051601091061019		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law	
3. Generator's Name and Mailing Address City of Albany 1000 San Pablo Avenue, Albany, CA 94706				A-1 State Manifest Document Number 92278175		A-2 State Facility ID		A-3 Facility Name	
4. Generator's Phone (510) 528-5760		5. Transporter 1 Company Name RICH HAMILTON TRUCKING		6. US EPA ID Number CA1D98247115911		D-1 Transporter Name (89) 528-4100		D-2 Transporter Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		G-1 State Facility ID		G-2 Facility Name		G-3 Facility Address	
9. Designated Facility Name and Site Address ERICKSON 255 PARR BLVD. RICHMOND, CA 94801				10. US EPA ID Number CA10009466392		H-1 Facility Name (510) 255-3838		H-2 Facility Address	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. EMPTY WASTE STORAGE TANK NON RCRA HAZARDOUS WASTE SOLID.				0101 T P		1/5000		P	
b.									
c.									
d.									
<p>TANK USE DIRECTIONS: DO NOT USE OVER 1000 GAL. CAPACITY PRIOR TO TRANSPORT.</p>									
15. Special Handling Instructions and Additional Information Job Site Location: 1247 Marin Ave., Albany KEEP AWAY FROM SOURCE OF IGNITION. ALWAYS WEAR HARD HATS AND GLASSES WHEN WORKING AROUND U.S.T.S. OBSERVE PROPER PROCEDURES. NO SMOKING WITHIN 50 FEET OF TANK; 24 HOUR CONTACT; Jason Baker AND PHONE; (510) 528-5760									
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.									
<p>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.</p>									
Printed/Typed Name JASON T. BAKER				Signature <i>Jason Baker</i>				Month Day Year 01/01/92	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Bill SART				Signature <i>Bill SART</i>				Month Day Year 01/11/92	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space C/S 302581									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name Donald H. Kesson				Signature <i>Donald H. Kesson</i>				Month Day Year 01/17/92	

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO.

CUSTOMER

JOB NO

Erickson, Inc.

8967

FOR: _____ TANK NO. _____

Richmond

08/18 00

18:18:10

LOCATION: _____ DATE: _____ TIME: _____

Visual Gasteck/1314 SMPY

FC

TEST METHOD _____ LAST PRODUCT _____

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

TANK SIZE 1500 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%
LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN
CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS
WASTE FACILITY."

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

STANDARD SAFETY DESIGNATION

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

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

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

Kidder
REPRESENTATIVE

TITLE

DR
INSPECTOR



Superior Precision Analytical, Inc.

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

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 54982
 CLIENT: SEMCO
 CLIENT JOB NO.: CITY OF ALBANY

DATE RECEIVED: 06/18/92
 DATE REPORTED: 06/25/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015.

LAB #	Sample Identification	Concentration (mg/kg) Diesel Range
1	#1-1500-D-E-11'	ND<10
2	#2-1500-D-W-11'	ND<10
3	#3-COMP SPOILS	ND<10

mg/kg - parts per million (ppm)

Minimum Detection Limit for Diesel in Soil: 10mg/kg

QAQC Summary:

Daily Standard run at 200mg/L: %DIFF Diesel = <15%
 MS/MSD Average Recovery = 83%; Duplicate RPD = 4%

Richard Srna, Ph.D.

Laboratory Director



Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 871-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 54982
 CLIENT: SEMCO
 CLIENT JOB NO.: CITY OF ALBANY

DATE RECEIVED: 06/18/92
 DATE REPORTED: 06/25/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
 by EPA SW-846 Methods 5030 and 8020.

LAB #	Sample Identification	Concentration (ug/kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	#1-1500-D-E-11'	ND<3	ND<3	ND<3	ND<3
2	#2-1500-D-W-11'	ND<3	ND<3	ND<3	ND<3
3	#3-COMP SPOILS	ND<3	ND<3	ND<3	ND<3

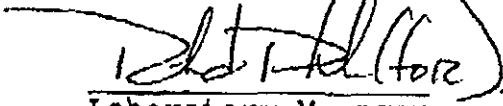
ug/kg - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/kg

QAQC Summary:

Daily Standard run at 20 ug/L: RPD = <15%
 MS/MSD Average Recovery = 96%; Duplicate RPD = 13%

Richard Srna, Ph.D.


 Laboratory Manager

Section I

CHAIN OF CUSTODY AND ANALYSIS REQUEST

LAB NO. _____

Consultant Name SEMCO
 Office Location 1741 Leslie Rd. San Mateo, CA 94402
 Fax No. (415) 572-9734
 Project Manager Chuck Rippee
 Phone (415) 672 8033

TURN AROUND TIME
 (Circle One)
 Same Day _____
 24 Hrs _____
 48 Hrs _____
 72 Hrs _____
 5 Day 5 Day

SUPERIOR ANALYTICAL, INC.
 Martinez San Francisco
 415/229-1512 415/647-2081

Send Coolers to : Modesto San Mateo
 Project No. / P.O. No. City of Albany

Sampler SEMCO - CK (Lopez)
 Regulatory Agency Alameda County

Section II		Analysis Request										Section III		Sample Information		
Sample Identification	S=Soil W=Water Matrix	TPH - G & D	TPH - Low Level D	TPH - G	BTXE	O&G	8010	8240	Metals	Others * Subject to Subcontracting	Date	Time	Containers		Sampling Remarks	
													Quantity	Pres.	Bioremediation	Contamination
1 #1 - Elev.	S										4/17/12	4			VOID	
2 #1 - 1500 - D - E - N'S			✓		✓	✓					6/17	1			VOID O&G	
3 #2 - 500 - D - W - 11'S	S		✓		✓						4/12	1				
4 #3 - Comp. FOLLS	S		✓		✓						6/17	2				
5																
6																
7																
8																
9																
10																
11																
12																

Relinquished by [Signature]
 Organization _____
 Relinquished by _____
 Organization _____
 Relinquished by _____
 Organization _____

Date/Time _____
 Date/Time _____
 Date/Time _____

Received by [Signature]
 Organization _____
 Received by _____
 Organization _____
 Received by _____
 Organization _____

Please Initial _____
 Samples Stored in Ice _____
 Appropriate Containers _____
 Samples Preserved _____
 VOA's without Headspace _____
 Comments _____

APPENDIX B



**Harlan
Tait
Associates**

Consulting Engineers and Geologists

June 24, 1992
Project No. 653.052

Ms. Susan Hugo
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

SUBJECT: CONTAMINATION ASSESSMENT WORKPLAN
ALBANY LIBRARY AND COMMUNITY CENTER
1247 Marin Avenue, Albany, California

Dear Ms. Hugo:

On behalf of the City of Albany, Harlan Tait Associates (HTA) is pleased to submit for your review and approval the enclosed Contamination Assessment Workplan for evaluation of soil and groundwater contamination at the subject site in Albany, California. This document is being submitted because discolored and odorous soil was encountered in the area of an old elevator sump during demolition of an old hospital building at the subject site. Upon receipt of your written approval, HTA will implement the Workplan.

The City of Albany is very interested in defining and resolving any problem at the site expeditiously. The City plans on awarding a contract for construction of the library and community center during the first half of August 1992, and would like to have any soil contamination at the site remediated by then.

Conclusions and recommendations for remediation will be provided in the preliminary investigation report submitted at the completion of the Workplan. However, at this time the City envisions that if no groundwater contamination is found and soil contamination is less than 100 ppm TPH, the site soils would not be removed from the site, but aerated until the start of building construction. If soil concentrations range between 100 and about 1000 ppm, then the affected soils would be removed from the site and disposed of at a Class 3 Landfill or, if feasible, bio-remediated on-site. If soil concentrations are greater than about 1000 ppm, then the soil would be taken to a Class 1 Landfill or to a disposal company for treatment.

June 24, 1992
Project No. 653.052

Page 2

If you have any questions or require additional information, please call the undersigned or Jason Baker at the City of Albany, (510) 528-5760. Your prompt review of the Workplan would be appreciated.

Very truly yours,

HARLAN TAIT ASSOCIATES



David H. Connell
Civil Engineer 24634
Exp. 12/31/93

Enc: Contamination Assessment Workplan

cc: City of Albany, ATT: Jason Baker

dhc:gb

T:\P\600\653-052.F1

**CONTAMINATION ASSESSMENT WORKPLAN
ALBANY LIBRARY AND COMMUNITY CENTER**

I. INTRODUCTION

This document presents the site contamination workplan for evaluation of soil and groundwater contamination at the planned library and community center site. The site is located at 1247 Marin Avenue between Masonic and Evelyn Avenues. The site plan and vicinity map are on Figure 1. The owner of the site is the City of Albany. The contact person for the City is Jason Baker, 1000 San Pablo Avenue, Albany, California, (510) 528-5760. The lead Investigating Agency is the Alameda County Health Agency, Department of Environmental Health.

During demolition of the old Alta Bates Albany Hospital building during the first part of June 1992, a sump and cylinder for an old hydraulic elevator were removed. During this process, soil contamination from what appears to be hydraulic fluid was found in the soils below the basement slab in the area of the sump. The location of the sump is shown on Figure 1.

The purpose of this study is to evaluate the vertical and lateral extent of any soil contamination in the sump area and test a groundwater sample to evaluate if the groundwater has been affected. An underground heating oil tank was removed from the site on June 17, 1992, under the observation of Larry Seto of Environmental Health. The location of the tank is shown on Figure 1. Two discrete soil samples from below the tank and one composite sample of soil removed from below the tank were obtained for testing by SEMCO, the tank remover. The test results are not yet available on these samples. Further studies in the tank area are not planned at this time.

A new library and community center building is planned at the site. In the old sump area, a 15-foot-deep basement will be constructed. This will require excavation of an additional 7 feet of soil for the subgrade.

II. SITE DESCRIPTION

An old hospital building that was used by the City of Albany between 1988 and 1991 as a community center was demolished and all foundations including basement walls and slabs were removed from the site in early June 1992. The site is presently bare and left as-is after demolition. The locations of the removed elevator sump and tank are shown on Figure 1.

The site is approximately 200 feet square and is bordered on three sides by city streets and on the north side by residences. An old irrigation well is located on the site as shown on Figure 1. The City of Albany is in the process of getting a permit to abandon the well from the Alameda County Flood Control District, Zone 7.

III. PHYSICAL SETTING

The site is located on an alluvial plane east of the San Francisco Bay and west of the Berkeley Hills. The site is underlain by older alluvial fan deposits derived from the hills to the east and the deposits are believed to be in excess of 200 feet thick. The ground surface slopes gently to the west and the site is at about Elevation 60 feet (MSL). A geologic map of the site area is shown on Figure 2.

Based on a geotechnical investigation performed by Harlan Tait Associates for the planned Library and Community Center dated January 30, 1991, the site has a surficial layer of about 3 to 4 feet of dark brown silty clay underlain by brown gravelly sandy clay with zones of clayey gravel to depths exceeding 22 feet. Shallow groundwater was measured at depths of about 17 to 18 feet during the investigation.

The uppermost groundwater gradient generally flows to the west towards the San Francisco Bay. Groundwater is estimated to vary seasonally at depths between 10 and 20 feet. The well on the site contains silt and a groundwater level could not be measured accurately. The nearest drainage channel is Codornices Creek located about 2000 feet south of the site.

IV. PREVIOUS SOIL SAMPLING AND ANALYSIS

One near-surface soil sample was obtained from the basement subgrade in the area of the elevator sump by SEMCO during the time of the tank removal. The sample was tested for TPH as gasoline and diesel and BTEX. TPH as gas was not detected, TPH as diesel was 140 mg/kg, benzene and ethylbenzene were not detected, and toluene and xylenes were detected at 4 and 12 ug/kg, respectively. The laboratory results are attached.

Two soil samples from beneath the removed heating oil tank and one composite sample were obtained and submitted for TPH (D) and BTEX testing. The results are not available as of this date. During tank removal, a small amount of soil with an odor and discoloration was observed immediately below the tank. This soil was excavated and relocated on the site and covered with plastic. Disposal method will be determined when test results are available.

V. SOIL AND GROUNDWATER CONTAMINATION EVALUATION

A. Soil Sampling

On about a 10 foot square pattern centered around the old basement sump and elevator hydraulic cylinder, obtain soil samples for analytical testing at various depths using a backhoe and hand auger. Using a PID tester (HNU 101), measure the hydrocarbon levels in each soil sample. The sampling will extend to a depth of no detectable hydrocarbons using the PID, and no observations of odor or discoloration or to the water table. Spoils from the sampling will be left on-site adjacent to sample location.

Samples will be collected using a slide hammer fitted with a core barrel containing a minimum 1-inch diameter by 3-inch long brass liner. Samples will be collected after hand augering to the desired depth or after removing approximately 3 inches of soil from the backhoe surface area where the sample is to be taken using a small spade. The core barrel and liner will then be driven sufficiently so that no headspace is present in the liner when the core barrel is removed. Following removal of the liner, both ends of the liner will be covered with aluminum foil and plastic end caps, sealed with tape, labeled, logged on a chain-of-custody

form, and placed in an ice chest to be kept at 4°C during transport to the analytical laboratory.

Prior to initial and between subsequent use, all soil and groundwater sampling equipment will be field decontaminated by washing in a mixture of Alconox and clear water, rinsing in clear water, rinsing in distilled water, and being allowed to air dry.

B. Groundwater Sampling

In one of the holes or pits excavated for soil sampling in the sump area, obtain a grab sample of groundwater. The sample will be collected utilizing a teflon bailer. The sample will be transferred to sample containers by filling completely with no headspace. Following transference, each sample container will be labeled, logged on a chain-of-custody form, and placed in an ice chest to be kept at 4°C during transport to the analytical laboratory.

C. Analytical Testing

Based on the reading of the PID and observations for odor and discoloration of each sample, selected samples will be tested for the following:

Total Petroleum Hydrocarbons (TPH) as diesel (EPA 8015)

Oil and Grease (EPA 413, SM5520F)

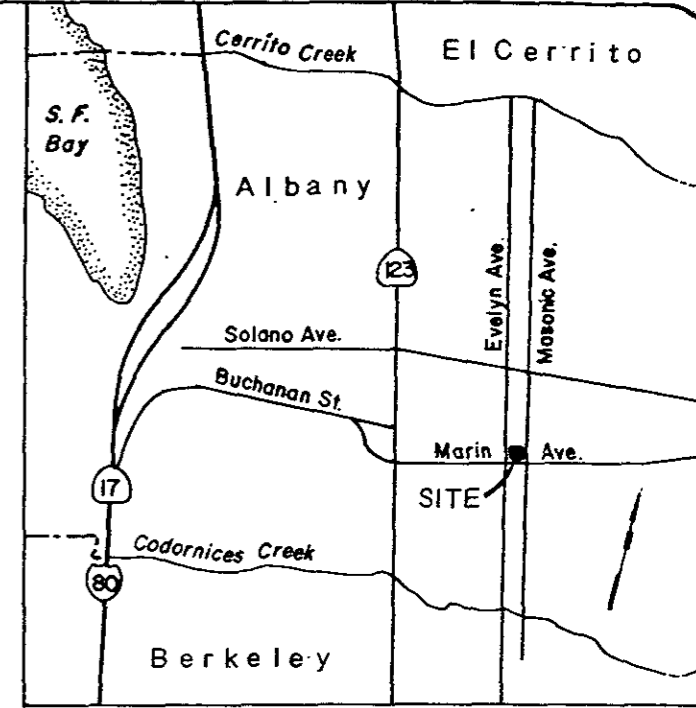
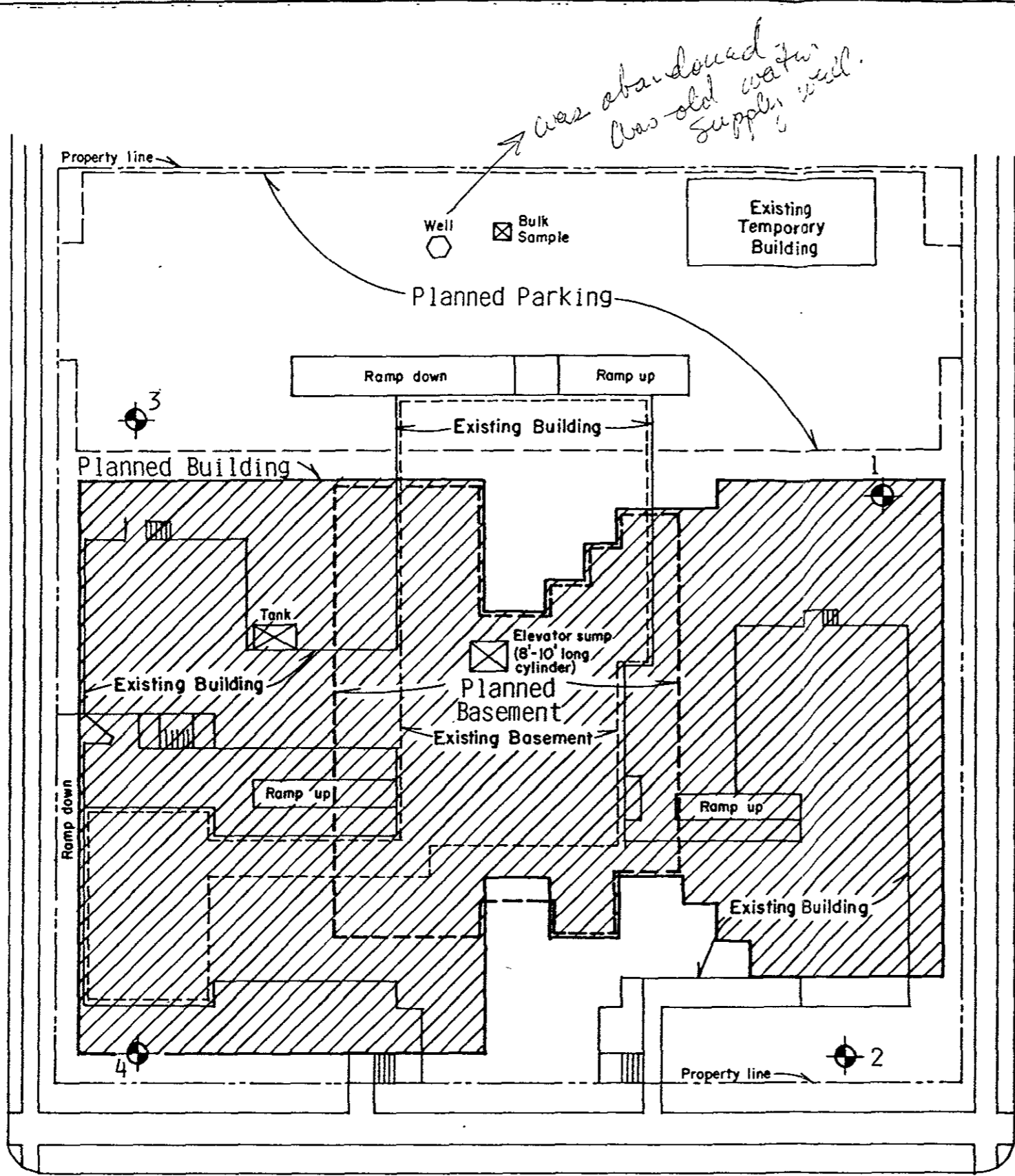
BTEX (EPA 8020)

Minimum detection limits as specified by the LUFT manual will be requested.

VI. PRELIMINARY INVESTIGATION REPORT

A preliminary investigation report will be prepared summarizing the field and laboratory results, conclusions and recommendations. The report will include recommendations for further assessment work, if necessary, and/or recommendations for soil and/or groundwater remediation.

Att: Figures 1 and 2, and Laboratory Test Results



VICINITY MAP

LEGEND

4 Approximate location of test boring
Geotechnical borings prior to demolition of old bldg.

Reference:
 Existing and Planned Building Plans,
 Marquis Associates, Dec., 1980.

Tank discovered during demolition of bldg.

0 30 60 feet

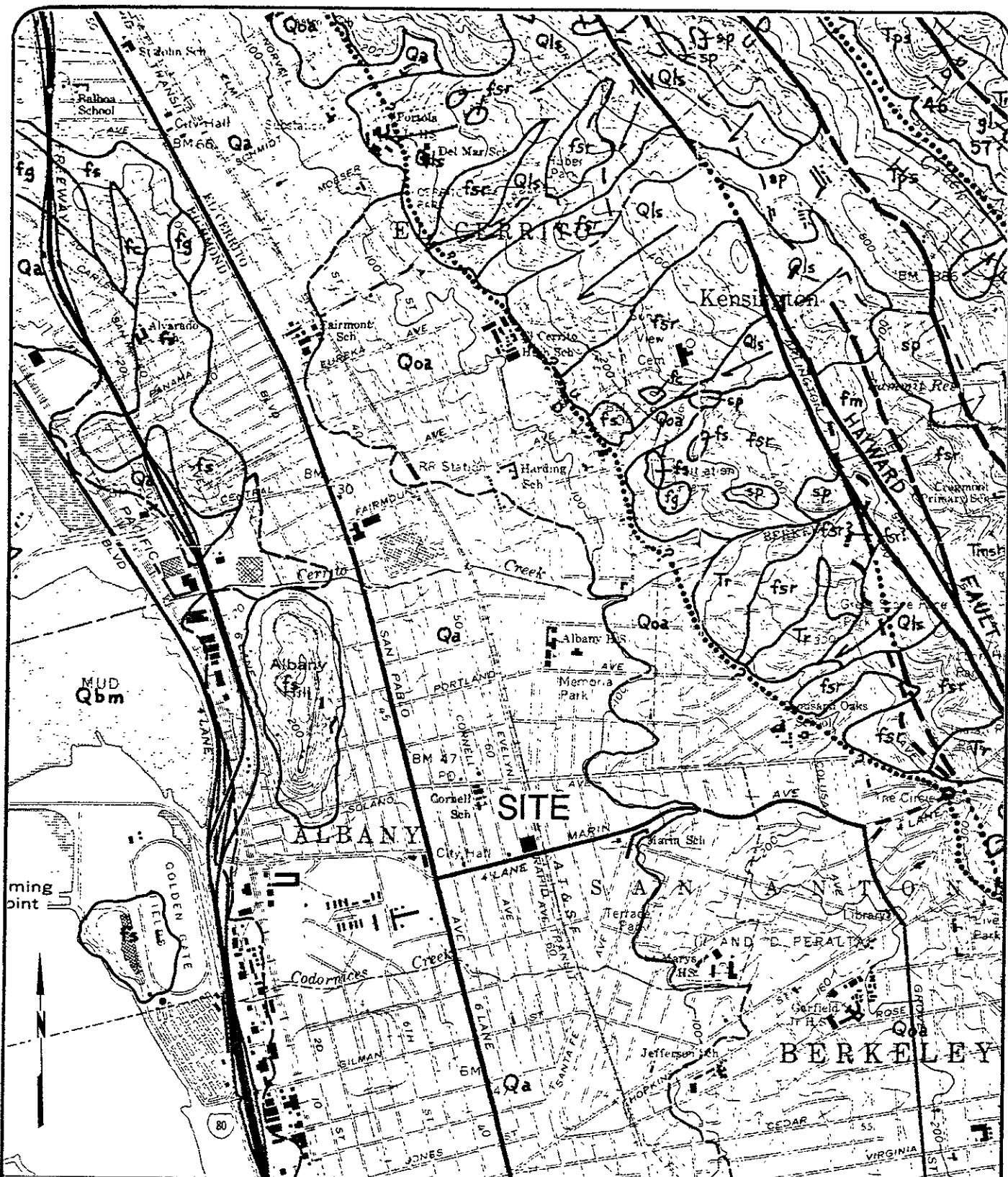
SITE PLAN & VICINITY MAP		Proj. No: 653,052
Albany Library and Community Center 1247 Marin Avenue Albany, California		Date: 6/23/92
HTA Harlan Tait Associates		App'd by: <i>[Signature]</i>
Consulting Engineers and Geologists		FIGURE 1

Evelyn Avenue

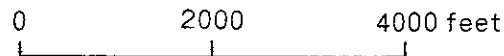
Masonic Avenue

Marin Avenue

SITE PLAN



Reference: Preliminary Geologic Map of the Richmond Quadrangle,
Alameda and Contra Costa Counties, California,
Thomas W. Dibblee, Jr., USGS, 1980.



**Harlan
Tait
Associates**

Consulting Engineers and Geologists

GEOLOGIC MAP

Albany Library and Community Center
127 Marin Avenue
Albany, California

FIGURE

2

Proj. No: 653.052

Date: 6/23/92

App'd by: DHC

06/18/92 16:39

415 8217123

SUPERIOR LAB

P.02



Superior Precision Analytical, Inc.

1555 Burke, Unit 1 • San Francisco, California 94124 • (415) 647 7081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 54980
 CLIENT: SEMCO
 CLIENT JOB NO.: CITY OF ALBANY

DATE RECEIVED: 06/17/92
 DATE REPORTED: 06/18/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS
 by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration (mg/kg) Diesel Range
1	#1-ELEV	140*

* - Diesel range concentration. The pattern observed in the chromatogram was not typical of diesel.
 mg/kg - parts per million (ppm)

Minimum Detection Limit for Diesel in Soil: 10mg/kg

QAQC Summary:

Daily Standard run at 200mg/L: %DIFF Diesel = <15%
 MS/MSD Average Recovery = 77%; Duplicate RPD = 9%

Richard Srna, Ph.D.

Cecilia S. Joaquin (for)
 Laboratory Director



Superior Precision Analytical, Inc.

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

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 54980
CLIENT: SEMCO
CLIENT JOB NO.: CITY OF ALBANY

DATE RECEIVED: 06/17/92
DATE REPORTED: 06/18/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

LAB #	Sample Identification	Concentration(ug/kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	#1-ELEV	ND<3	4	ND<3	12

ug/kg - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/kg

QAQC Summary:

Daily Standard run at 20ug/L: %Diff 8020 = <15%
MS/MSD Average Recovery =91%: Duplicate RPD = 3.8%

Richard Srna, Ph.D.

Cecilia J. Jorgensen (for)
Laboratory Manager



Superior Precision Analytical, Inc.

1545 Burke, Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 871-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 54980
 CLIENT: SEMCO
 CLIENT JOB NO.: CITY OF ALBANY

DATE RECEIVED: 06/17/92
 DATE REPORTED: 06/18/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS
 by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/kg) Gasoline Range
1	#1-ELEV	ND<1

mg/kg - parts per million (ppm)

Method Detection Limit for Gasoline in Soil: 1 mg/kg

QAQC Summary:

Daily Standard run at 2mg/L: %Diff Gasoline = <15
 MS/MSD Recovery = 91%; Duplicate RPD = 4%

Richard Srna, Ph.D.

Cecilia Y. Jeng (for)
 Laboratory Manager

Section I

CHAIN OF CUSTODY AND ANALYSIS REQUEST

LAB NO. _____

Consultant Name SEMCO
 Office Location 1741 Leslie Rd. San Mateo, CA 94402
 Fax No. (415) 872-9734
 Project Manager CHUCK KIPER
 Phone (415) 872 8033

TURN AROUND TIME
 (Circle One)
 Same Day _____
 24 Hrs _____
 48 Hrs _____
 72 Hrs _____
 5 Day 5 Day

SUPERIOR ANALYTICAL, INC.
 Martinez San Francisco
 415/229-1512 415/647-2081

Send Coolers to : Modesto San Mateo
 Project No. / P.O. No. CITY OF ALBANY

Sampler M. TAVAKOLI
 Regulatory Agency Alameda Co. ENV. HEALTH

Section II		Analysis Request										Section III		Sample Information			
Sample Identification	S=Soil W=Water Matrix	TPH - G & D	TPH - Low Level D	TPH - G	BTXE	OAG	8010	8240	Metals	Others • Subject to Subcontracting	Date	Time	Containers		Sampling Remarks		
													Quantity	Pres.	Bioremediation	Contamination	
<u>#1-ELEV</u>	<u>S</u>	<u>X</u>			<u>X</u>						<u>6/15/92</u>		<u>1</u>				
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Relinquished by [Signature]
 Organization SEMCO

Date/Time 6-15-92 1140

Received by [Signature] # 923
 Organization EXPRESS-IT

Relinquished by _____
 Organization _____

Date/Time _____

Received by _____
 Organization _____

Relinquished by _____
 Organization _____

Date/Time _____

Received by _____
 Organization _____

Please Initial [Signature]
 Samples Stored in Ice [Signature]
 Appropriate Containers [Signature]
 Samples Preserved [Signature]
 VOA's without Headspace [Signature]
 Comments _____

APPENDIX C

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

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

July 8, 1992

Jason Baker
City of Albany Public Works
1000 San Pablo Ave.,
Albany, CA 94706

Subject: 1247 Marin Ave., Albany, CA

Dear Mr. Connell:

This office has received and reviewed the "Contamination Assessment Workplan" for the above site, dated June 24, 1992, submitted by Harlan Tait Associates (HTA), your consultant of record. Thank you for the prompt attention given this site. Upon evaluation of the workplan, there are several points that need to be addressed prior to concurrence by this division:

- 1) Please provide this office with the specific number of samples to be taken at the site. It is unclear from reading the workplan how many samples are to be taken.
- 2) The use of field instrumentation (pid) should be used only as a screening method for the purpose of soil removal and site safety.
- 3) A site visit made on July 7, 1992, indicated the presence of water in the excavated pit. Please indicate if this is groundwater intrusion or from the recent rain storm. The fate of the water in the pit should also be addressed.
- 4) The minimum detection limits should follow the "Tri-Regional Staff Board Recommendations" and not the LUFT manual.
- 5) There must be groundwater sampling performed at the site. If you are not able to complete the task utilizing a backhoe, a grab sample must be taken through the use of a drill rig.
- 6) Do not use tape at the end of the sampling tubes, there have been instances of cross-contamination from the adhesive material yielding a false-positive reading for Toluene. This office prefers the utilization of "Teflon" tape.

JUL 13 1992

page 2 of 2

You are requested to submit a deposit of \$500.00 made payable to the County of Alameda, for involvement in their oversight responsibilities for cleanup of the above site. This deposit is authorized by section 3-141.6 of the Ordinance Code of Alameda and is used to cover expenses incurred by County personnel in their oversight duties. Upon Completion of the project the balance will be returned to you.

Please respond to this letter within thirty (30) days as this office has prioritized the site for prompt completion.

If you have any questions concerning this site, please call this office. I can be reached at (510) 271-4320.

Sincerely,



Brian P. Oliva, REHS
Hazardous Materials Specialist

cc: David Connell, Harlan Tait Associates, 1269 Howard Street,
San Francisco, CA 94103
Larry Seto, Senior Hazardous Materials Specialist.

Bc

APPENDIX D



**Harlan
Tait
Associates**

Consulting Engineers and Geologists

July 9, 1992
Project No. 653.052

Mr. Brian P. Oliva
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Rm 200
Oakland, CA 94621

**SUBJECT: CONTAMINATION ASSESSMENT WORKPLAN
ALBANY LIBRARY AND COMMUNITY CENTER
1247 Marin Avenue, Albany, California**

REFERENCES: Harlan Tait Associates, Contamination Assessment Workplan, Albany Library and Community Center, 1247 Marin Avenue, Albany, California, dated June 24, 1992.

Dear Mr. Oliva:

In response to your letter of July 8, 1992, to the City of Albany concerning the Contamination Assessment Workplan for the subject Library and Community Center, the following comments are provided for each of the 7 points you have raised.

1. The exact number of soil samples to be taken at the site will depend on the results of the exploration and field screening with the PID. A minimum of 5 pits will be excavated with the first pit being at the old sump location. At least 2 samples will be taken in each pit; one at a depth of about 1 foot and another at about 3 to 5 feet or just above the groundwater. As stated in the workplan, additional pits will be excavated and sampled on a pattern out from the sump. The need for additional pits will depend on the presence of contamination as determined by odor, visual examination for discoloration and screening with the PID. We estimate that at least 8 samples will be tested for hydrocarbons.
2. The PID will be used as a field screening tool to help determine which samples should be tested and to help evaluate the lateral extent of the exploration.
3. The water in the pit you refer to is a combination of seeping groundwater and accumulated rain water. An old sanitary sewer pump station concrete structure for

July 9, 1992
Project No. 653.052

Page 2

the hospital was removed from the pit location during building demolition. A sample of the water in the pit will be taken and tested during the study.

4. The analytical laboratory will be instructed to follow the Tri-Regional Staff Board Recommendations in establishing minimum detection limits for tests.
5. In addition to the water sample from the pit, at least 2 groundwater grab samples will be taken from the backhoe pits. We are confident that water samples can be obtained as proposed; if not a drill rig or hand auger will be used to obtain water samples.
6. Tape will not be used to seal the soil samples.
7. The City of Albany has authorized Harlan Tait Associates to submit a deposit check of \$500 as requested. The check will be delivered to your office prior to start of work.

We trust this letter adequately responses to your comments. Please call me at (415) 626-0765, if you have any further questions on the proposed work. As we discussed on the telephone today, we will be performing the assessment workplan on Tuesday July 14, 1992. Thank you for your assistance.

Very truly yours,

HARLAN TAIT ASSOCIATES



David H. Connell
Civil Engineer 24634
Exp. 12/31/93

cc: Jason Baker, City of Albany

APPENDIX E

APPENDIX E - STANDARD OPERATING PROCEDURES

1. Soil Sample Collection and Handling

A two-inch OD brass liner is used to obtain soil samples for testing. Prior to initial and between subsequent uses, the sampler and liners are field decontaminated by washing in a mixture of Alconox and water, followed by a thorough tap water rinse and a distilled water rinse and then allowed to air dry.

After sampling, the liners are sealed at both ends with teflon, leaving no free air space inside. The ends are covered with plastic caps and the liners are labeled with indelible marker showing sample number, depth, date, and job number. The samples are then placed in a cooler with sufficient dry ice to maintain samples at 4 degrees centigrade during shipment.

2. Water Sample Collection and Handling for Grab Samples

Prepared containers are obtained from the testing laboratory prior to sampling. Duplicate samples are taken when required by the laboratory. Glass vials with teflon lids are used to store the collected samples for hydrocarbon testing.

Water in the bore hole is sampled using a teflon sampler that meets EPA regulations. The water is then transferred to the glass vials supplied by the laboratory. To insure sample integrity, each vial is filled with the sampled water so that the water stands above the lip of the vial. The cap is then quickly placed on the vial and tightened securely. Prior to sample labeling, the vial is checked to ensure that air bubbles are not present. Label information includes a sample identification number, job number, date, time, type of analysis requested, and the sampler's initials. Chain of Custody forms are completed as indicated below.

The vials are immediately placed in coolers for shipment to the laboratory. The coolers are packed with sufficient ice or freezer packs to ensure that the samples are kept below 4 degrees centigrade. To minimize sample degradation, the prescribed analysis is performed within seven days of sample collection unless specially prepared acidified vials are used.

To minimize the potential for cross contamination between holes, the water sampling equipment is cleaned by washing in Alconox and water followed by a thorough water rinse and a distilled water rinse between each sampling.

3. Chain of Custody

A Chain of Custody form is kept with the samples at all times; the form is completed when the samples are marked and put into the cooler. Samples are maintained under custody until they are shipped or delivered to the laboratory. Custody of samples is transferred from one person to the next. Each transferee and recipient signs, dates, and notes the time of transfer on the Chain of Custody form. When the samples are received by the laboratory, the Chain of Custody form is dated and signed, and a note of the time is made by a laboratory representative. The form, along with the shipping bills and receipts, is retained in the laboratory files. A copy is transmitted to our project manager and kept in our project file.

APPENDIX F



Superior Precision Analytical, Inc.

1555 Burke, Unit 1 • San Francisco California 94124 • (415) 647-2081 / fax - (510) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 55243
CLIENT: HARLAN TAIT ASSOCIATES
CLIENT JOB NO.: 653.052

DATE RECEIVED: 07/15/92
DATE REPORTED: 07/17/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration (mg/kg) Diesel Range
1	TP-1 (1.0)	34
2	TP-1 (4.0)	ND<10
3	TP-2 (1.0)	1400
4	TP-2 (3.9)	ND<10
5	TP-4 (1.0)	140
6	TP-5 (1.0)	ND<10
7	TP-7 (1.0)	53
8	TP-8 (1.4)	300
9	TP-8 (4.4)	420

JUL 22 1992

mg/kg - parts per million (ppm)

Minimum Detection Limit for Diesel in Soil: 10mg/kg

QAQC Summary:

Daily Standard run at 200mg/L: %DIFF Diesel = <15%
MS/MSD Average Recovery = 96%: Duplicate RPD = 1%

Richard Srna, Ph.D.

[Signature]
Laboratory Director

[Handwritten initials]
7/17/92



Superior Precision Analytical, Inc.

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

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 55243
CLIENT: HARLAN TAIT ASSOCIATES
CLIENT JOB NO.: 653.052

DATE RECEIVED: 07/15/92
DATE REPORTED: 07/17/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration (ug/L) Diesel Range
10	TP-1	350
11	TP-4	110
12	NORTH SUMP	ND<50

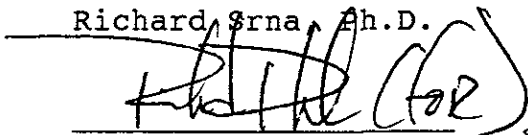
ug/L - parts per billion (ppb)

Minimum Detection Limit for Diesel in Water: 50ug/L

QAQC Summary:

Daily Standard run at 200mg/L: %DIFF Diesel = <15%
MS/MSD Average Recovery = 96%: Duplicate RPD = 4%

Richard Srna Ph.D.


Laboratory Director

RSW
7/17/92



Superior Precision Analytical, Inc.

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

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 55243
CLIENT: HARLAN TAIT ASSCIATES
CLIENT JOB NO.: 653.052

DATE RECEIVED: 07/15/92
DATE REPORTED: 07/17/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

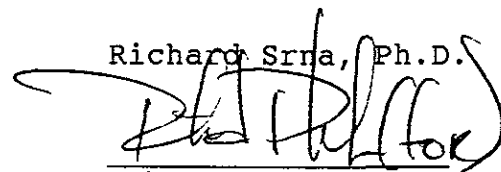
LAB #	Sample Identification	Concentration			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	TP-1 (1.0)	ND<3	ND<3	ND<3	6 ug/kg
2	TP-1 (4.0)	ND<3	ND<3	ND<3	ND<3 ug/kg
8	TP-8 (1.4)	ND<30	ND<30	ND<30	64 ug/kg
10	TP-1	ND<0.3	ND<0.3	ND<0.3	ND<0.3 ug/L
11	TP-4	ND<0.3	ND<0.3	ND<0.3	ND<0.3 ug/L
12	NORTH SUMP	ND<0.3	ND<0.3	ND<0.3	ND<0.3 ug/L
13	TRIP BLANK	ND<0.3	ND<0.3	ND<0.3	ND<0.3 ug/L

ug/L - parts per billion (ppb)
ug/kg - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/kg
Method Detection Limit in Water: 0.3 ug/L

QAQC Summary:

Daily Standard run at 20 ug/L: RPD = <15%
MS/MSD Average Recovery = 97%: Duplicate RPD = 3%

Richard Srna, Ph.D.

Laboratory Manager
07/17/92



Superior Precision Analytical, Inc.

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

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 55243
CLIENT: HARLAN TAIT ASSOCIATES
CLIENT JOB NO.: 653.052

DATE RECEIVED: 07/15/92
DATE REPORTED: 07/17/92

ANALYSIS FOR TOTAL PETROLEUM OIL AND GREASE by Method 5520F (formerly 503E)

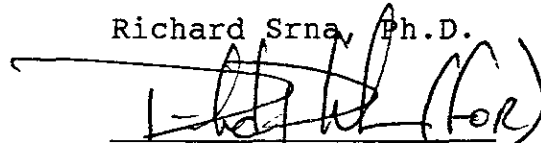
LAB #	Sample Identification	Concentration	
		Total Petroleum Oil & Grease	
1	TP-1 (1.0)	150	mg/kg
4	TP-2 (3.9)	ND<50	mg/kg
8	TP-8 (1.4)	230	mg/kg
10	TP-1	ND<5	mg/L

mg/kg or mg/L - parts per million (ppm)

Minimum Detection Limit for oil & grease in Soil: 50mg/kg
Minimum Detection Limit for oil & grease in Water: 5mg/L

QAQC Summary:
MS/MSD Average Recovery = 81%
Duplicate RPD = 17%

Richard Srna, Ph.D.


Laboratory Director
SRM 7/17/92

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

FAX # 255-2431 (415)

55240 SUPERIOR ENVIRONMENTAL PACIFIC ENVIRONMENTAL LABORATORY
RUSH
 674 HARRISON STREET
 SAN FRANCISCO, CA 94104
 TEL 415-243-3880 FAX 415-243-0300

POSSIBLE HAZARDS: fuel oil (diesel), hydraulic fluid
CALL

Date 7/14/92 Report To David H. Connell
 Source of Samples Albany Library Company Harlan Tait Associates
 Sampler Name Reid Fisher Address 1269 Howard St.
 Company Harlan Tait Associates San Francisco CA 94103
 Phone 415/626-0765
 Project No. 653.052 Phone 415/626-0765

ANALYSES REQUESTED	
TPH (Diesel) (8015)	
BTEX (8020)	
Oil and Grease (5520)	

Send unused sample to: Please call D. Connell
 Lab Destination: _____
 Carrier/Way Bill: _____

LAB ID No.	Client ID No.	COLLECTION		Type	Depth	Compo-site	Note 4	Turn-around time	Note 6 Lab Disposal	ANALYSES REQUESTED				COMMENTS/CONDITIONS: (Container type, container number, etc.)
		Date	Time							TPH (Diesel) (8015)	BTEX (8020)	Oil and Grease (5520)		
1 TP-1(1.0)	TP-1 1.0	7/14/92	10:00 am	S	1.0			48 hr		X	X			
2 TP-2(4.0)	TP-2 4.0	7/14/92	10:15 am	S	4.0					X	X			
3 TP-2(1.0)	TP-2 (1.0)	7/14/92	10:30 am	S	1.0					X				
4 TP-2(3.9)	TP-2 (3.9)	7/14/92	10:45 am	S	3.9					X	X			
5 TP-4(1.0)	TP-4 (1.0)	7/14/92	11:30 am	S	1.0					X				
6 TP-5(1.0)	TP-5 (1.0)	7/14/92	12:30 pm	S	1.0					X				
7 TP-7(1.0)	TP-7 (1.0)	7/14/92	1:30 pm	S	1.0					X				

- Write only one sample number in each space.
- Specify type of sample(s): Water(W), Solid (S), or indicate type.
- Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
- Preservation of sample.
- Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.
- Write address where unused sample should be sent or "X" Lab Disposal box if Lab should bill client for sample disposal.

SAMPLE RELINQUISHED BY:

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Reid Fisher	<i>Reid Fisher</i>	Harlan Tait	7/15/92	13:25	John A. Murphy	<i>John A. Murphy</i>	Superior	7/19/92	15:25

Logged in at Superior by: John Murphy

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

FAX
255-249
(415)
CALL

**SUPERIOR ENVIRONMENTAL
PACIFIC ENVIRONMENTAL LABORATORY**
674 HARRISON STREET
SAN FRANCISCO, CA 94107
415-242-2540 FAX 415-242-9190

POSSIBLE HAZARDS: fuel oil (diesel), hydraulic fluid

Date 7/14/92
Source of Samples Albany Library
Sampler Name Reid Fisher
Company Hardan Tait Associates
Phone 415/626-0765
Project No. 653.052

Report To David H. Connell
Company Hardan Tait Associates
Address 1269 Howard Street
San Francisco CA 94103
Phone 415/626-0765

ANALYSES REQUESTED			
TPH (diesel) (8015)			
BTEX (8020)			
D.T. and Gross (55202)			

Send unused sample to: Please call D. Connell

Lab Location: **RUSH**

LAB ID No.	Client ID No.	COLLECTION		Type	Depth	Compo-site	Note 4	Turn-around time	Note 6 Lab Disposal	ANALYSES REQUESTED				COMMENTS/CONDITIONS: (Container type, container number, etc.)
		Date	Time							TPH (diesel) (8015)	BTEX (8020)	D.T. and Gross (55202)	Other	
8 TP-8 (1.4)	TP-8 (1.4)	7/14/92	2:00 pm	S	1.4			48 hr		X	X			
9 TP-8 (4.4)	TP-8 (4.4)		2:15 pm	S	4.4					X				
TP-8 (4.4)	TP-8 (4.4)		2:30 pm	S	4.4					X				
10 TRIP BLANK	TRIP BLANK		2:30 pm	S	1.4					X				
11 TP-1	TP-1		2:40 pm	W						X	X			
12 TP-4	TP-4		3:00 pm	W						X	X			
13 North Sump	North Sump		3:20 pm	W						X	X			

- 1) Write only one sample number in each space.
- 2) Specify type of sample(s): Water(W), Solid (S), or indicate type.
- 3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.

- 4) Preservation of sample.
- 5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.
- 6) Write address where unused sample should be sent or "X" Lab Disposal box if Lab should bill client for sample disposal.

SAMPLE RELINQUISHED BY:

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
REID FISHER	<i>Reid Fisher</i>	Hardan Tait	7/15/92	13:24	John A. Murphy	<i>John A. Murphy</i>	SUPERIOR	7/17/92	13:27

Logged in at APPA by: John A. Murphy

APPENDIX G



Superior Precision Analytical, Inc.

835 Arnold Drive, Suite 106 • Martinez, California 94553 • 510) 229-0166 / fax 510) 229-0916

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 86266
CLIENT: HARLAN TAIT ASSOCIATES
CLIENT JOB NO.: 653.052

DATE RECEIVED: 07/21/92
DATE REPORTED: 07/22/92
DATE SAMPLED : 07/20/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration (mg/kg) Diesel Range
1	D-1, PIT	ND<10
2	D-2, PIT	43 *
3	D-3, PIT	ND<10
4	D-4, PIT	ND<10
5	C-1, STOCKPILE	440 *
6	C-2, STOCKPILE	120 *
7	C-3, STOCKPILE	100 *
8	C-4, STOCKPILE	100 *
9	C-5, STOCKPILE	25
10	C-6, STOCKPILE	14 *
11	C-7, STOCKPILE	280 *

mg/kg - parts per million (ppm)

Method Detection Limit for Diesel in Soil: 10 mg/kg

QAQC Summary:

Daily Standard run at 200mg/L: RPD Gasoline = NA
RPD Diesel = 0

MS/MSD Average Recovery = 94 %: Duplicate RPD = 1

* Diesel range concentration reported. Th pattern of peaks observed in the chromatogram is typical of heavier hydrocarbons.

Richard Srna, Ph.D.

Robin Faulken for
Laboratory Director

JUL 24 1992



Superior Precision Analytical, Inc.

835 Arnold Drive, Suite 106 • Martinez, California 94553 • (510) 229-0166 / fax 510) 229-0916

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 86266
CLIENT: HARLAN TAIT ASSOCIATES
CLIENT JOB NO.: 653.052

DATE RECEIVED: 07/21/92
DATE REPORTED: 07/22/92
DATE SAMPLED : 07/20/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 METHODS 5030 and 8020

LAB #	Sample Identification	Concentration(ug/kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	D-1, PIT	ND<3	ND<3	ND<3	ND<3
2	D-2, PIT	ND<3	ND<3	ND<3	ND<3
3	D-3, PIT	ND<3	ND<3	ND<3	ND<3
4	D-4, PIT	ND<3	ND<3	ND<3	ND<3
7	C-3, STOCKPILE	ND<3	4	4	9
9	C-5, STOCKPILE	ND<3	ND<3	4	10

ug/kg - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/kg

QAQC Summary:

Daily Standard run at 20ug/L: RPD = <15%
MS/MSD Average Recovery = 102 %: Duplicate RPD = 0

Richard Srna, Ph.D.

Richard Srna
Laboratory Director

8/2/02

Section I

Chain of Custody and Analysis Request

Consultant: Horton Tait Associates
 Address: 1269 Howard St
San Francisco, CA 94103
 Phone No. 626-0765 Fax No. (415) 255-2431
 Project Manager: Dave Connell
 Alternate Contact: Rev. Fisher
 Project No. 653.052 P.O. No. _____

Turn Around Time
 (circle one)
 Same Day 72 Hrs
 24 Hrs 48 Hrs
 Normal 5 Day



Superior Precision Analytical, Inc.

P.O. Box 1545
 Martinez, California 94553

Martinez 1 (510) 229-1512 Martinez 2 (510) 229-0166
 San Francisco (415) 647-2081

Sampler: Dave Connell
 Regulatory Agency: Alameda Co Environmental Health

Section II: Analysis Request

1
2
3
4
5
6
7
8
9
10
11

Laboratory Sample Identification	Matrix S = Soil A = Air W = Water	mod 8015 - Gas	mod 8015 - BTEX	mod 8015 - Diesel	8010	8240	CAM17	TCLP Metals:	Metals:	418.1 - TPH by IR	O & G	PCBs	Date Sampled	Time Sampled	Number of Containers	Preservative (yes or no)	Sampling Remarks
																	<input type="checkbox"/> Bio-remediation <input checked="" type="checkbox"/> Underground storage tank <input type="checkbox"/> Monitoring <input type="checkbox"/> Recent Contamination <input type="checkbox"/> Unknown Compounds
1 D-1, pit	S		✓	✓									7/20	3:00	1		
2 D-2, pit	S		✓	✓									7/20	3:05	1		SEE PRICES
3 D-3, pit	S		✓	✓									7/20	3:10	1		ATTACHED
4 D-4, pit	S		✓	✓									7/20	3:20	1		
5 C-1, Stockpile	S			✓									7/20	3:30	1		
6 C-2, Stockpile	S			✓									7/20	3:30	1		
7 C-3, Stockpile	S		✓	✓									7/20	3:30	1		
8 C-4, Stockpile	S			✓									7/20	3:30	1		
9 C-5, Stockpile	S		✓	✓									7/20	3:30	1		
10 C-6, Stockpile	S			✓									7/20	3:30	1		
11 C-7, Stockpile	S			✓									7/20	3:30	1		
12																	

Relinquished by <u>Dave Connell</u> Organization <u>Horton Tait</u>	Date/Time <u>7/21/02 10:00</u>	Received by _____ Organization _____	Date/Time _____	Lab please initial the following: Samples Stored in Ice <u>yes</u> Appropriate Containers <u>yes</u> Samples Preserved <u>NO</u> VO/Is without Headspace <u>NA</u> Comments <u>OK</u>
Relinquished by _____ Organization _____	Date/Time _____	Received by _____ Organization _____	Date/Time _____	
Relinquished by _____ Organization _____	Date/Time _____	Received by <u>SPAF</u> Organization <u>SPAF</u>	Date/Time <u>7/21/02 10:00</u>	



Superior Precision Analytical, Inc.

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

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 55320
CLIENT: HARLAN TAIT ASSCIATES
CLIENT JOB NO.: 653.052

DATE RECEIVED: 07/30/92
DATE REPORTED: 08/03/92

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

LAB #	Sample Identification	Concentration			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	W-1, PIT	ND<0.3	ND<0.3	ND<0.3	ND<0.3 ug/L
2	D-5, PIT	ND<3	ND<3	ND<3	ND<3 ug/kg

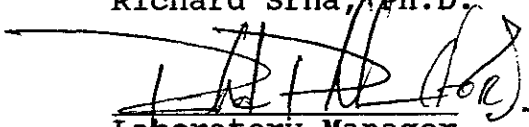
ug/kg - parts per billion (ppb)
ug/L - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/kg
Method Detection Limit in Water: 0.3 ug/L

QAQC Summary:

Daily Standard run at 20 ug/L: RPD = <15%
MS/MSD Average Recovery = 90%: Duplicate RPD = 4%

Richard Srna, Ph.D.


Laboratory Manager

CSG
8/3/92

AUG 5 1992



Superior Precision Analytical, Inc.

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

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 55320
CLIENT: HARLAN TAIT ASSOCIATES
CLIENT JOB NO.: 653.052

DATE RECEIVED: 07/30/92
DATE REPORTED: 08/03/92

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration Diesel Range
1	W-1, PIT	ND<50 ug/L
2	D-5, PIT	ND<10 mg/kg

ug/L - parts per billion (ppb)
mg/kg - parts per million (ppm)

Minimum Detection Limit for Diesel in Soil: 10mg/kg
Minimum Detection Limit for Diesel in Water: 50ug/L

QAQC Summary:

Daily Standard run at 200mg/L: %DIFF Diesel = <15%
MS/MSD Average Recovery = 94%: Duplicate RPD = 0%

Richard Srna, Ph.D.

[Handwritten Signature]
Laboratory Director

CSJ
8/3/92

Chain of Custody and Analysis Request

Section I

page ___ of ___

Consultant Harlan Tarr Associates
 Address 1269 Howard St
San Francisco CA 94103
 Phone No. 626-0765 Fax No. 255-2431
 Project Manager Dave Connell
 Alternate Contact Reid Fisher
 Project No. 653,052 P.O. No. _____

Turn Around Time
 (circle one)
 Same Day 72 Hrs
 24 Hrs 48 Hrs
 Normal 5 Day



Superior Precision Analytical, Inc.
 P.O. Box 1545
 Martinez, California 94553
 Martinez 1 (510) 229-1512 Martinez 2 (510) 229-0166
 San Francisco (415) 647-2081

Sampler: Daved Connell
 Regulatory Agency: Alameda Co Environmental Health

Section II: Analysis Request

Laboratory Sample Identification	S = Soil A = Air W = Water Matrix	mod 8015 - Gas	mod 8015 - BTEX	mod 8015 - Diesel	8010	8240	CAM17	TCLP Metals:	Metals:	418.1 - TPH by IR	O & G	PCBs	Date Sampled	Time Sampled	Number of Containers	Preservative (yes or no)	Sampling Remarks
																	<input type="checkbox"/> Bio-remediation <input checked="" type="checkbox"/> Underground storage tank <input type="checkbox"/> Monitoring <input type="checkbox"/> Recent Contamination <input type="checkbox"/> Unknown Compounds
1 W-I, PIT	W		✓	✓									7/30	7:15	3	Y	48 hr \$135
2 D-S, PIT	S		✓	✓									7/30	8:30	1	N	Normal 5 day \$90
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Please Initial: RSB
 Samples Stored in Ice. Yes
 Appropriate containers. Yes
 Samples preserved. waters
 VOA's without headspace. No
 Comments: Each vial contains a small air bubble.

RUSH

Relinquished by <u>Daved Connell</u> Organization <u>Harlan Tarr Assoc</u>	Date/Time <u>7/30/92</u>	Received by _____ Organization _____	Date/Time _____	Lab please initial the following: Samples Stored in Ice <u>42</u> Appropriate Containers <u>42</u> Samples Preserved <u>42</u> VOAs without Headspace <u>42</u> Comments <u>ok</u>
Relinquished by _____ Organization _____	Date/Time _____	Received by _____ Organization _____	Date/Time _____	
Relinquished by _____ Organization _____	Date/Time _____	Received by <u>[Signature]</u> Organization <u>SPLSF</u>	Date/Time <u>7/30/92 0925</u>	

APPENDIX H

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name City of Albany Today's Date 7/20/92
 Site Address 1247 Main EPA ID# _____
 City Albany Zip 94 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

Inspection Categories:

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

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

IA GENERATOR (Title 22)

- | | | |
|-------|-----------------------------|---------|
| ___ | 1. Waste ID | * 66471 |
| ___ | 2. EPA ID | 66472 |
| ___ | 3. > 90 days | 66508 |
| ___ | 4. Label dates | 66508 |
| ___ | 5. Biennial | 66493 |
| <hr/> | | |
| ___ | 6. Records | 66492 |
| ___ | 7. Correct | 66484 |
| ___ | 8. Copy sent | 66492 |
| ___ | 9. Exception | 66484 |
| ___ | 10. Copies Rec'd | 66492 |
| <hr/> | | |
| ___ | 11. Treatment | 66371 |
| ___ | 12. On-site Disp. (H.S.&C.) | 26189.5 |
| ___ | 13. Ex Haz. Waste | 66570 |
| <hr/> | | |
| ___ | 14. Communications | 67121 |
| ___ | 15. Aisle Space | 67124 |
| ___ | 16. Local Authority | 67126 |
| ___ | 17. Maintenance | 67120 |
| ___ | 18. Training | 67105 |
| <hr/> | | |
| ___ | 19. Prepared | 67140 |
| ___ | 20. Name List | 67141 |
| ___ | 21. Copies | 67141 |
| ___ | 22. Emg. Coord. Trng. | 67144 |
| <hr/> | | |
| ___ | 23. Condition | 67241 |
| ___ | 24. Compatibility | 67242 |
| ___ | 25. Maintenance | 67243 |
| ___ | 26. Inspection | 67244 |
| ___ | 27. Buffer Zone | 67246 |
| ___ | 28. Tank Inspection | 67259 |
| ___ | 29. Containment | 67245 |
| ___ | 30. Safe Storage | 67261 |
| ___ | 31. Freeboard | 67257 |

Comments:

Sub Unit done at request of Consultant upon arrival I met with Olive Cornell from HTA, and agreed upon the number of samples to be taken in the pre-excavated pit (4) - two excavates soil per a volume of approximately 300y3 - there will be 7 samples from the spots. Composite not this office. Will be notified of the results of the sampling.

It should also be noted that water sample previously indicate ~~the~~ the pit will be allowed to fill and samples (water) will be retained for TPH & BTEX.

IB TRANSPORTER (Title 22)

- | | | |
|-------|---------------------------|-------|
| ___ | 32. Applic./insurance | 66428 |
| ___ | 33. Comp. Cert./CHP Insp. | 66448 |
| ___ | 34. Containers | 66465 |
| <hr/> | | |
| ___ | 35. Vehicles | 66465 |
| ___ | 36. EPA ID #s | 66531 |
| ___ | 37. Correct | 66541 |
| ___ | 38. HW Delivery | 66543 |
| ___ | 39. Records | 66544 |
| <hr/> | | |
| ___ | 40. Name/ Covers | 66545 |
| ___ | 41. Recyclables | 66900 |

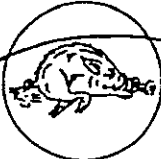
This office concurs with the sampling procedure as verbally addressed by HTA - any reports should indicate sample depth location

Rev 6/88

Contact: X Olive Cornell
 Title: _____
 Signature: _____

Inspector: Brian Olin
 Signature: _____

APPENDIX I



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

RECEIVED
 MAR 5 1993
 HARLAN TAIT ASSOCIATES

Guadalupe Landfill

*City/Albany
 0609*

Payshack # 2

Account SEMCO 1291
 Fleet # Tag #
 Loop Tag
 Transaction # 436513 Site P2
 Transtn Type = Cubic Yards Trans
 Payment Type = Charge
 Vehicle Type = Not Specified
 Origin Type = Other
 Materl. Type = Special Soil
 Destin. Type = Not Specified

	----In---	---Out--	B3
Date	07-31-92	07-31-92	IN
Time	09:53	09:53	@
Scale Op	SJR	SJR	
	lbs	tons	
Gross Wt	0	0.000	--
Tare Wt	0	0.000	--
Net Wt	0	0.000	CY
<u>Cubic Yards = 16</u>			

Message: Deputy Weighmaster Steve Reyno

DRIVERS SIGNATURE _____
 DEPUTY WEIGHMASTER _____

MASTER CERTIFICATE
 following described commodity was weighed measured
 the signature is on this certificate, who is a
 as prescribed by Chapter 7 (commencing with
 California Business and Professions Code,
 administered by the Division of Measurement Standards of the California Department
 of Food and Agriculture.

CUSTOMER COPY



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

0609

Payshack # 2

Account SEMCO 1291
 Fleet # Tag #
 Loop Tag
 Transaction # 436849 Site P2
 Transtn Type = Cubic Yards Trans
 Payment Type = Charge
 Vehicle Type = Not Specified
 Origin Type = Other
 Materl. Type = Special Soil
 Destin. Type = Not Specified

	----In---	---Out--	B3
Date	07-31-92	07-31-92	IN
Time	13:52	13:52	@
Scale Op	SJR	SJR	
	lbs	tons	
Gross Wt	0	0.000	--
Tare Wt	0	0.000	--
Net Wt	0	0.000	CY
<u>Cubic Yards = 16</u>			

Message: Deputy Weighmaster Steve Reyno

DRIVERS SIGNATURE *Kevin Kelley*

GHMASTER CERTIFICATE
 following described commodity was weighed measured
 the signature is on this certificate, who is a
 as prescribed by Chapter 7 (commencing with
 the California Business and Professions Code,
 Measurement Standards of the California Department
 of Food and Agriculture.



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

Administrative Office

Account SEMCO	1291	----In---	---Out--	B3
Fleet #	Tag #	Date 07-31-92	07-31-92	IN
Loop Tag		Time 08:59	09:59	0
Transaction #	436440	Scale Op	SJR	SJR
Transtn Type =	Cubic Yards Trans		lbs	tons
Payment Type =	Charge	Gross Wt	0	0.000 --
Vehicle Type =	Not Specified	Tare Wt	0	0.000 --
Origin Type =	Other	Net Wt	0	0.000 CY
Materl. Type =	Special Soil	Cubic Yards =	18	
Destin. Type =	Not Specified			

31854

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7

DRIVERS SIGNATURE

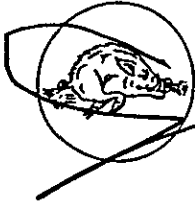
DEPUTY WEIGHMASTER

of Food and Agriculture.

CUSTOMER COPY

MASTER CERTIFICATE

ing described commodity was weighed measure
 signature is on this certificate, who is a
 prescribed by Chapter 7 (commencing with
 alifornia Business and Professions Code,
 urement Standards of the California Department



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

Payshack # 2

Account SEMCO	1291	----In---	---Out--	B3
Fleet #	Tag #	Date 07-31-92	07-31-92	IN
Loop Tag		Time 12:33	12:33	0
Transaction #	436738	Scale Op	SJR	SJR
Transtn Type =	Cubic Yards Trans		lbs	tons
Payment Type =	Charge	Gross Wt	0	0.000 --
Vehicle Type =	Not Specified	Tare Wt	0	0.000 --
Origin Type =	Other	Net Wt	0	0.000 CY
Materl. Type =	Special Soil	Cubic Yards =	17	
Destin. Type =	Not Specified			

31854

Message: Deputy Weighmaster Steve Reyno

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

of Food and Agriculture.

MASTER CERTIFICATE

wing described commodity was weighed measure
 signature is on this certificate, who is a
 prescribed by Chapter 7 (commencing with
 California Business and Professions Code,



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

Administrative Office

Account SEMCO	1291	----In----	----Out--	B3
Fleet #	Tag #	Date 07-31-92	07-31-92	IN
Loop Tag		Time 09:19	09:19	@
Transaction #	436462	Scale Op	SJR	SJR
Transtn Type =	Cubic Yards Trans		lbs	tons
Payment Type =	Charge	Gross Wt	0	0.000 --
Vehicle Type =	Not Specified	Tare Wt	0	0.000 --
Origin Type =	Other	Net Wt	0	0.000 CY
Materl. Type =	Special Soil	Cubic Yards =	18	
Destin. Type =	Not Specified			

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7.

DRIVERS SIGNATURE *[Signature]*

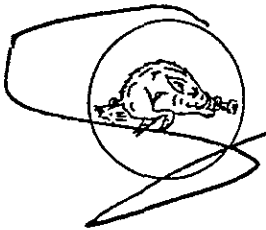
DEPUTY WEIGHMASTER _____

of Food and Agriculture.

MASTER CERTIFICATE

ing described commodity was weighed mea-
 signature is on this certificate, who is a
 prescribed by Chapter 7 (commencing with
 California Business and Professions Code,
 urement Standards of the California Depart-

CUSTOMER COPY



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

Administrative Office

Account SEMCO	1291	----In----	----Out--	B3
Fleet #	Tag #	Date 07-31-92	07-31-92	IN
Loop Tag		Time 13:25	13:25	@
Transaction #	436811	Scale Op	SJR	SJR
Transtn Type =	Cubic Yards Trans		lbs	tons
Payment Type =	Charge	Gross Wt	0	0.000 --
Vehicle Type =	Not Specified	Tare Wt	0	0.000 --
Origin Type =	Other	Net Wt	0	0.000 CY
Materl. Type =	Special Soil	Cubic Yards =	16	
Destin. Type =	Not Specified			

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7

DRIVERS SIGNATURE *[Signature]*

DEPUTY WEIGHMASTER _____

administered by the Division of Measurement Standards of the California Department
 of Food and Agriculture

MASTER CERTIFICATE

ing described commodity was weighed measure-
 signature is on this certificate, who is a
 prescribed by Chapter 7 (commencing with
 California Business and Professions Code,



Guadalupe Rubbish Disposal Co., Inc.

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WEIGH TICKET

Guadalupe Landfill

Administrative Office

Account SEMCO	1291	----In---	---Out--	B3
Fleet #	Tag #	Date 07-30-92	07-30-92	IN
Loop Tag		Time 14:25	14:25	0
Transaction #	436153	Scale Op	SJR	SJR
Transtn Type =	Cubic Yards Trans		lbs	tons
Payment Type =	Charge	Gross Wt	0	0.000 --
Vehicle Type =	Not Specified	Tare Wt	0	0.000 --
Origin Type =	Other	Net Wt	0	0.000 CY
Materl. Type =	Special Soil	Cubic Yards =	17	
Destin. Type =	Not Specified			

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

MASTER CERTIFICATE

Every described commodity was weighed measured and certified by the signature of the person whose signature is on this certificate, who is a person whose signature is prescribed by Chapter 7 (commencing with Section 44600) of the California Business and Professions Code.

This certificate is administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

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Guadalupe Rubbish Disposal Co., Inc.

P.O. Box 20957, San Jose, California 95160

Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

Administrative Office

Account SEMCO	1291	----In---	---Out--	B3
Fleet #	Tag #	Date 07-30-92	07-30-92	IN
Loop Tag		Time 09:37	09:37	0
Transaction #	435762	Scale Op	SJR	SJR
Transtn Type =	Cubic Yards Trans		lbs	tons
Payment Type =	Charge	Gross Wt	0	0.000 --
Vehicle Type =	Not Specified	Tare Wt	0	0.000 --
Origin Type =	Other	Net Wt	0	0.000 CY
Materl. Type =	Special Soil	Cubic Yards =	16	
Destin. Type =	Not Specified			

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

MASTER CERTIFICATE

Every described commodity was weighed measured and certified by the signature of the person whose signature is on this certificate, who is a person whose signature is prescribed by Chapter 7 (commencing with Section 44600) of the California Business and Professions Code.

This certificate is administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

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 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

Administrative Office

Account SEMCO	1291	----In----	---Out--	B3	
Fleet #	Tag #	Date	07-30-92	07-30-92	IN
Loop Tag		Time	14:23	14:23	@
Transaction #	436151	Scale Op	SJR	SJR	
Site PS			lbs	tons	
Transtn Type =	Cubic Yards Trans	Gross Wt	0	0.000	--
Payment Type =	Charge	Tare Wt	0	0.000	--
Vehicle Type =	Not Specified	Net Wt	0	0.000	CY
Origin Type =	Other	Cubic Yards =	17		
Materl. Type =	Special Soil				
Destin. Type =	Not Specified				

0
0
0
0

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7

DRIVERS SIGNATURE *Ray Green*

DEPUTY WEIGHMASTER _____

MASTER CERTIFICATE
 Every item described commodity was weighed measured and the signature is on this certificate, who is as prescribed by Chapter 7 (commencing with California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

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WEIGH TICKET

Guadalupe Landfill

Administrative Office

Account SEMCO	1291	----In----	---Out--	B3	
Fleet #	Tag #	Date	07-30-92	07-30-92	IN
Loop Tag		Time	09:30	09:30	@
Transaction #	435755	Scale Op	SJR	SJR	
Site PS			lbs	tons	
Transtn Type =	Cubic Yards Trans	Gross Wt	0	0.000	--
Payment Type =	Charge	Tare Wt	0	0.000	--
Vehicle Type =	Not Specified	Net Wt	0	0.000	CY
Origin Type =	Other	Cubic Yards =	16		
Materl. Type =	Special Soil				
Destin. Type =	Not Specified				

0

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7

DRIVERS SIGNATURE *Ray Green*

DEPUTY WEIGHMASTER _____

MASTER CERTIFICATE
 Every item described commodity was weighed measured and the signature is on this certificate, who is as prescribed by Chapter 7 (commencing with California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

Payshack # 2

Account SEMCO	1291	----In----	---Out--	B3	
Fleet #	Tag #	Date	07-30-92	07-30-92	IN
Loop Tag		Time	14:17	14:17	0
Transaction #	436143	Scale Op	SJR	SJR	
Transtn Type	= Cubic Yards Trans		lbs	tons	
Payment Type	= Charge	Gross Wt	0	0.000	--
Vehicle Type	= Not Specified	Tare Wt	0	0.000	--
Origin Type	= Other	Net Wt	0	0.000	CY
Materl. Type	= Special Soil	Cubic Yards =	16		
Destin. Type	= Not Specified				

P

Message: Deputy Weighmaster Steve Reyno

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

MASTER CERTIFICATE

When the commodity was weighed measured the signature is on this certificate, who is a person prescribed by Chapter 7 (commencing with California Business and Professions Code,

administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

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WEIGH TICKET

Guadalupe Landfill

Administrative Office

Account SEMCO	1291	----In----	---Out--	B3	
Fleet #	Tag #	Date	07-30-92	07-30-92	IN
Loop Tag		Time	09:29	09:29	0
Transaction #	435754	Scale Op	SJR	SJR	
Transtn Type	= Cubic Yards Trans		lbs	tons	
Payment Type	= Charge	Gross Wt	0	0.000	--
Vehicle Type	= Not Specified	Tare Wt	0	0.000	--
Origin Type	= Other	Net Wt	0	0.000	CY
Materl. Type	= Special Soil	Cubic Yards =	16		
Destin. Type	= Not Specified				

P

Message: HOUSEHOLD HAZ. WASTE DISP. 299-71

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

MASTER CERTIFICATE

When the commodity was weighed measured the signature is on this certificate, who is a person prescribed by Chapter 7 (commencing with California Business and Professions Code,

administered by the Division of Measurement Standards of the California Department of Food and Agriculture.



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill
Cities/Albany
 Administrative Office

Account SEMCO 1291
 Fleet # Tag # *0609* Date ~~07-30-92~~ 07-30-92 B3
 Loop Tag Time 13:50 13:50 IN
 Transaction # 436102 Site P2 Scale Op SJR SJR 0
 Transtn Type = Cubic Yards Trans lbs tons
 Payment Type = Charge Gross Wt 0 0.000 --
 Vehicle Type = Not Specified Tare Wt 0 0.000 --
 Origin Type = Other Net Wt 0 0.000 CY
 Materl. Type = Special Soil CY Cubic Yards = 18
 Destin. Type = Not Specified

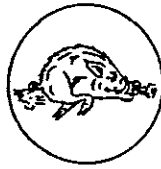
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Message: HOUSEHOLD HAZ. WASTE DISP. 299-

DRIVERS SIGNATURE *RAM*
 DEPUTY WEIGHMASTER *HM*

MASTER CERTIFICATE
 Every commodity was weighed measured
 The signature is on this certificate, who is a
 as prescribed by Chapter 7 (commencing with
 California Business and Professions Code,
 administered by the Division of Measurement Standards of the California Department
 of Food and Agriculture.

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Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

0609

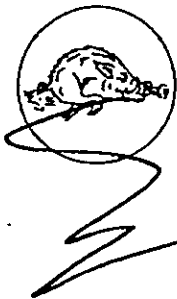
Account SEMCO 1291 Payshack # 2
 Fleet # Tag # Date ~~07-30-92~~ 07-30-92 B3
 Loop Tag Time 14:48 14:48 IN
 Transaction # 436191 Site P2 Scale Op SJR SJR 0
 Transtn Type = Cubic Yards Trans lbs tons
 Payment Type = Charge Gross Wt 0 0.000 --
 Vehicle Type = Not Specified Tare Wt 0 0.000 --
 Origin Type = Other Net Wt 0 0.000 CY
 Materl. Type = Special Soil CY Cubic Yards = 16
 Destin. Type = Not Specified

0
0
0
0

Message: Deputy Weighmaster Steve Reyno

DRIVERS SIGNATURE *SM*
 DEPUTY WEIGHMASTER _____

MASTER CERTIFICATE
 Every commodity was weighed measured
 The signature is on this certificate, who is a
 as prescribed by Chapter 7 (commencing with
 California Business and Professions Code,
 administered by the Division of Measurement Standards of the California Department
 of Food and Agriculture.



Guadalupe Rubbish Disposal Co., Inc.

P.O. Box 20957, San Jose, California 95160

Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

0609

Payshack # 2

Account SEMCO 1291
 Fleet # Tag #
 Loop Tag
 Transaction # 435816 Site P2
 Transtn Type = Cubic Yards Trans
 Payment Type = Charge
 Vehicle Type = Not Specified
 Origin Type = Other
 Materl. Type = Special Soil CY
 Destin. Type = Not Specified

	----In---	---Out--	
Date	07-30-92	07-30-92	B3
Time	10:20	10:20	IN
Scale Op	SJR	SJR	0
	lbs	tons	
Gross Wt	0	0.000	--
Tare Wt	0	0.000	--
Net Wt	0	0.000	CY
Cubic Yards =	15		

0
0
0
0

Message: Deputy Weighmaster Steve Reyn

DRIVERS SIGNATURE

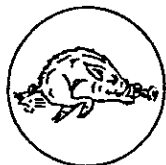
DEPUTY WEIGHMASTER

HMASTER CERTIFICATE

Following described commodity was weighed measured
 whose signature is on this certificate, who is a
 as prescribed by Chapter 7 (commencing with
 the California Business and Professions Code,

administered by the Division of Measurement Standards of the California Department
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Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

0609

Administrative Office

Account SEMCO 1291
 Fleet # Tag #
 Loop Tag
 Transaction # 435808 Site PS
 Transtn Type = Cubic Yards Trans
 Payment Type = Charge
 Vehicle Type = Not Specified
 Origin Type = Other
 Materl. Type = Special Soil CY
 Destin. Type = Not Specified

	----In---	---Out--	
Date	07-30-92	07-30-92	B3
Time	10:13	10:13	IN
Scale Op	SJR	SJR	0
	lbs	tons	
Gross Wt	0	0.000	--
Tare Wt	0	0.000	--
Net Wt	0	0.000	CY
Cubic Yards =	16		

MASTER CERTIFICATE

Following described commodity was weighed measured
 whose signature is on this certificate, who is a
 as prescribed by Chapter 7 (commencing with
 the California Business and Professions Code,

administered by the Division of Measurement Standards of the California Department
 of Food and Agriculture.

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

0609

Guadalupe Landfill

Payshack # 2

Account SEMCO 1291
 Sheet # Tag #
 Trip Tag
 Transaction # 433727 Site P2
 Transn Type = Cubic Yards Trans
 Payment Type = Charge
 Vehicle Type = Not Specified
 Origin Type = Other
 Materl. Type = Special Soil
 Destin. Type = Not Specified

	---In---	---Out---	
Date	07-30-92	07-30-92	B3
Time	09:05	09:05	IN
Scale Op	SJR	SJR	0
	lbs	tons	
Gross Wt	0	0.000	--
Tare Wt	0	0.000	--
Net Wt	0	0.000	CY
Cubic Yards =	16		

1
1
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1

WEIGHMASTER CERTIFICATE

Following described commodity was weighed measured by the signature on this certificate, who is a duly licensed person, as prescribed by Chapter 7 (commencing with Section 44000) of the California Business and Professions Code, and the California Department of Industrial Relations.

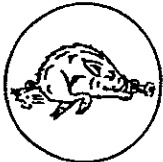
Message: Deputy Weighmaster Steve Reyno

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

of Food and Agriculture.

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Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

City / Albany
0609

Guadalupe Landfill

Payshack # 2

Account SEMCO 1291
 Sheet # Tag #
 Trip Tag
 Transaction # 436082 Site P2
 Transn Type = Cubic Yards Trans
 Payment Type = Charge
 Vehicle Type = Not Specified
 Origin Type = Other
 Materl. Type = Special Soil
 Destin. Type = Not Specified

	---In---	---Out---	
Date	07-30-92	07-30-92	B3
Time	13:37	13:37	IN
Scale Op	SJR	SJR	0
	lbs	tons	
Gross Wt	0	0.000	--
Tare Wt	0	0.000	--
Net Wt	0	0.000	CY
Cubic Yards =	16		

2
2
2
2

WEIGHMASTER CERTIFICATE

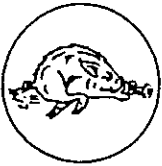
Following described commodity was weighed measured by the signature on this certificate, who is a duly licensed person, as prescribed by Chapter 7 (commencing with Section 44000) of the California Business and Professions Code, and the California Department of Industrial Relations.

Message: Deputy Weighmaster Steve Reyno

DRIVERS SIGNATURE

DEPUTY WEIGHMASTER

of Food and Agriculture.



Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

0609

Administrative Office

Account SEMCO 1291
 Fleet # Tag #
 Loop Tag
 Transaction # 436093 Site PS
 Transtn Type = Cubic Yards Trans
 Payment Type = Charge
 Vehicle Type = Not Specified
 Origin Type = Other
 Materl. Type = Special Soil
 Destin. Type = Not Specified

	----In--	---Out--	
Date	07-30-92	07-30-92	B3
Time	13:44	13:44	IN
Scale Op	SJR	SJR	0
	lbs	tons	
Gross Wt	0	0.000	--
Tare Wt	0	0.000	--
Net Wt	0	0.000	CY
<u>Cubic Yards = 15</u>			

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7:

DRIVERS SIGNATURE Kerrin Kelly

DEPUTY WEIGHMASTER _____

MASTER CERTIFICATE

ing described commodity was weighed measure
 signature is on this certificate, who is a
 prescribed by Chapter 7 (commencing with
 California Business and Professions Code,

administered by the Division of Measurement Standards of the California Department
 of Food and Agriculture.

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Guadalupe Rubbish Disposal Co., Inc.
 P.O. Box 20957, San Jose, California 95160
 Street Address: 15999 Guadalupe Mines Road

WEIGH TICKET

Guadalupe Landfill

0609

Administrative Office

Account SEMCO 1291
 Fleet # Tag #
 Loop Tag
 Transaction # 435750 Site PS
 Transtn Type = Cubic Yards Trans
 Payment Type = Charge
 Vehicle Type = Not Specified
 Origin Type = Other
 Materl. Type = Special Soil
 Destin. Type = Not Specified

	----In--	---Out--	
Date	07-30-92	07-30-92	B3
Time	09:26	09:26	IN
Scale Op	SJR	SJR	0
	lbs	tons	
Gross Wt	0	0.000	--
Tare Wt	0	0.000	--
Net Wt	0	0.000	CY
<u>Cubic Yards = 16</u>			

Message: HOUSEHOLD HAZ. WASTE DISP. 299-7

DRIVERS SIGNATURE Kerrin Kelly

DEPUTY WEIGHMASTER _____

MASTER CERTIFICATE

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 California Business and Professions Code,

administered by the Division of Measurement Standards of the California Department
 of Food and Agriculture.