A·C·C
ENVIRONMENTAL
CONSULTANTS

date ?
~ Dec 93
12-22-93 ✓

TANK CLOSURE REPORT
REMOVAL OF THREE UNDERGROUND STORAGE TANKS

PERALTA COMMUNITY COLLEGE - MAINTENANCE YARD
501 5TH AVENUE
OAKLAND, CALIFORNIA, 94606

Prepared for:
Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Division of Hazardous Materials

Prepared By:

Misty Kaltreider
Project Geologist

Reviewed By:

Christopher M. Palmer, CEG # 1262
Certified Engineering Geologist

REGISTERED GEOLOGIST
CHRISTOPHER M. PALMER
№ 1262
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

1000 Atlantic Avenue, Suite 110 • Alameda, CA 94501 • (510) 522-8188 • FAX: (510) 865-5730

INTRODUCTION

ACC was retained by Peralta Community College District (District) to coordinate, manage and document the removal the removal of three underground storage tanks, two (2) 6000-gallon, one (1) 4000-gallon all of fiberglass construction and containing gasoline fuel. The tanks were located within the fenced maintenance yard of Peralta Community College located at 501 5th Avenue in Oakland, California. Applied Environmental Solutions, Inc. (license No. 65542) was the selected contractor to remove the tanks.

BACKGROUND

The tanks were installed in the 1970's and used for storage of gasoline for the District's maintenance vehicles. The tanks were in use until removal.

In 1992, five underground storage tanks were removed from the District's maintenance yard located approximately 100 - 150 feet from the three fiberglass underground storage tanks. Results of the 1992 tank removal indicate elevated levels in the groundwater and soil. Further soil and groundwater investigations were required from the regulatory agencies. Prior to conducting additional investigation, ACC proposed to remove the existing fiberglass underground storage tanks to evaluate the subsurface conditions.

SITE DESCRIPTION

The site consists of several warehouse/office buildings surrounded by a fenced parking lot. A concrete slab covers the tank locations. The tanks were situated within the fenced yard adjacent to the southern entrance (Figure 2). A raised concrete slab indicates the location of the fuel dispensers.

OBSERVATIONS

Prior to removal of the tanks, permits were obtained and notification including a site safety plan, were submitted to Alameda County Health Agency - Division of Hazardous Materials, Bay Area Air Quality Management District, City of Oakland Fire Department and Underground Services Alert.

ACC supervised and documented all subsurface work. The work was performed by state licensed contractor, Applied Environmental Solutions (AES) of San Jose, California, in accordance with regulatory requirements. Work began on November 3, 1993. The District subcontracted a gasoline distributor to removed some of the remaining product from the tanks.

Uncovering of the tanks began on November 3, 1993 by removing the 6 to 8 inch thick concrete slab covering over the tanks and removing pea gravel from around the tanks. A strong hydrocarbon odor was observed being emitted from the pea gravel. During excavation water was encountered at approximately 4 feet below the surface (Photograph 1). The water had a noticeable sheen.

During excavation, tank number 1 (adjacent to the building) was cracked near the fill port (Photograph 2). It is unclear if the crack was from previous patching and did not damage the integrity of the tank or if the crack penetrated through the tank.

The soil from around the excavation was observed to consist of two feet of reddish-brown clay below the asphalt/concrete surface. Below the clay, an additional layer of asphalt/baserock was observed. Below the lower layer of asphalt, the native soil was observed to be grey sandy clay extending to the excavated depth of seven feet below ground surface. Photograph 3 illustrates the layers encountered along the excavation sidewalls.

During excavation, the tanks were discovered to be strapped to a concrete slab. After the tanks were uncovered, groundwater was measured at approximately 6 feet below the ground surface. The tops of the tanks were approximately 4 feet below ground surface. Removed pea gravel was stockpiled on Visqueen sheet plastic within the maintenance yard and was kept covered with Visqueen.

Underground Storage Tank Removal

On November 4, 1992 Erickson removed approximately 500 gallons of residual product from the tanks. AES added approximately 20 pounds of dry ice per 1,000-gallons of tank size to inert each tank prior to removal. The lower explosion limit and the percent oxygen of each tank was determined using a GasTech combustible gas indicator calibrated to Hexane. The tanks were removed with a backhoe when the vapors within each tank were less than 20 percent of the lower explosion limit.

Mr. Dwight Langford of the City of Oakland Fire Prevention Bureau, Mr. Barney Chan of Alameda County Health Agency - Division of Hazardous Materials and Ms. Misty Kaltreider, ACC geologist witnessed the removal of each tank.

Once the tanks were removed from the excavation, the water level dropped to approximately 7 feet below ground surface. Photographs 4 through 7 illustrate the removal and loading of the tanks.

With exception of the crack in tank no. 1 the tanks were found to be in good condition. All the tanks were loaded on trucks and hauled by Erickson Environmental for disposal. Copies of the manifest and certificate of fuel tank disposal are attached.

Soil and Groundwater Sampling

Soil sample locations were selected by Ms. Misty Kaltreider, ACC geologist, in accordance to the Tri Regional Water Quality Control Board's "Recommendations for Underground Storage Tank Removal and Soil Sampling" and per request of Mr. Barney Chan of Alameda County Health Care Services Agency. Soil samples were collected in pre-cleaned, thin-walled brass tubes, six inches long and two inches wide.

Excavation Pit Samples

Soil samples of the sidewall material were obtained for analysis with the use of a backhoe bucket which collected soil on either side of the fuel tanks. Once soil was collected with the backhoe, a sampling tube was pushed into the soil between the teeth of the bucket. A total of six soil samples (E-1, E-2, E-3, E-4, E-5 and E-6) were collected from the excavation at the soil/groundwater interface level approximately 7 feet below the ground surface. Sample locations are illustrated on Figure 2, attached.

Dispenser Island Sample

Per request of Mr. Chan, one soil sample (D-1), was collected three (3) feet under the dispenser island (Figure 2).

After collection, each soil sample was immediately covered with Teflon tape, capped, labeled and stored on ice to be transported under chain-of custody procedures to ChromaLab a Cal/EPA certified laboratory is San Ramon. Laboratory analysis results and chain-of custody forms are attached.

Soil Sample Chemical Analyses

Soil samples collected from the excavation and from under the dispenser island were analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline by EPA Test Method 8105 with Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX) by EPA Test Method 8020 and organic lead by Atomic Absorption analysis.

On November 5, 1993, H & H **Environmental removed approximately 3,500 gallons of water from the excavation** (**Pho**tograph 8). Manifest for removal and disposal of the excavation water is attached.

Per approval from Mr. Barney Chan, the groundwater was left to recharge prior to collecting a sample. ACC collected the first groundwater sample on November 9, 1993 which was witnessed by Mr. Barney Chan.

One groundwater sample (VPP-1) was collected from the excavation using a designated disposable bailer. The groundwater sample was collected in two (2) 40 ml VOA vials without headspace and submitted under chain-of-custody to the ChromaLab analytical laboratory. The groundwater sample was analyzed for TPH as gasoline with BTEX by EPA Test Method 8015/602. Sample analysis and chain-of-custody forms are attached.

During collection of the initial groundwater sample, pea gravel was in the excavation. ACC proposed to remove the pea gravel and the concrete hold-down slab and collect additional groundwater samples.

The excavation was cleaned of pea gravel and concrete on the week of November 15, 1993. Photographs 9, 10 and 11 illustrate removal of the pea gravel and concrete slab.

After the excavation was cleaned of debris and the groundwater recharged, an additional groundwater sample (PP-2) was collected from the excavation on November 22, 1993. Results of the groundwater sample indicated a substantial decrease in constituents.

Summary results of the soil and groundwater samples in Table 1. Copies of Laboratory analysis results with chain of custody forms are attached.

TABLE 1
Sample Results - Soil and Groundwater

Sample Number	Depth (feet)	TPH-g (ppm)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	PB (ppm)
E-1	7	<1.0	<5.0	<5.0	<5.0	<5.0	6.1
E-2	7	<1.0	**190**	6.9	<5.0	<5.0	5.8
E-3	7	<1.0	8.9	<5.0	<5.0	<5.0	3.8
E-4	7	<1.0	41	18.0	<5.0	<5.0	6.3
E-5	7	<1.0	<5.0	<5.0	<5.0	<5.0	8.8
E-6	7	1.3	<5.0	<5.0	<5.0	<5.0	8.0
D-1	3	<1.0	<5.0	<5.0	<5.0	47.0	4.5
VPP-1	---	**27.0**	**1,200**	**5,100**	690	**5,700**	NA
PP-2	---	.21	<0.5	<0.5	<0.5	14.0	NA

Notes:
TPH-G = TPH as Gasoline
PB = Lead
NA = Not Analyzed

On December 3, 1993 the excavation was backfilled with clean imported fill, compacted and covered with an asphalt cap.

Stockpiled Soil

During the excavation activities, approximately 300 **cubic yards** of pea gravel were removed from around fuel tanks and stockpiled on site. The majority of the constituents indicated from the groundwater results is believed to be isolated in the pea gravel and originate from leakage around tank no. 1.

Based on the results, for the Peralta Stockpile, an unauthorized release of contaminants into the soil has occurred. The "Underground Storage Tank Unauthorized Release (Leak)/ Contamination Site Report" form has been filed with the appropriate regulatory agencies. A copy of this report is attached.

Summary and Conclusions

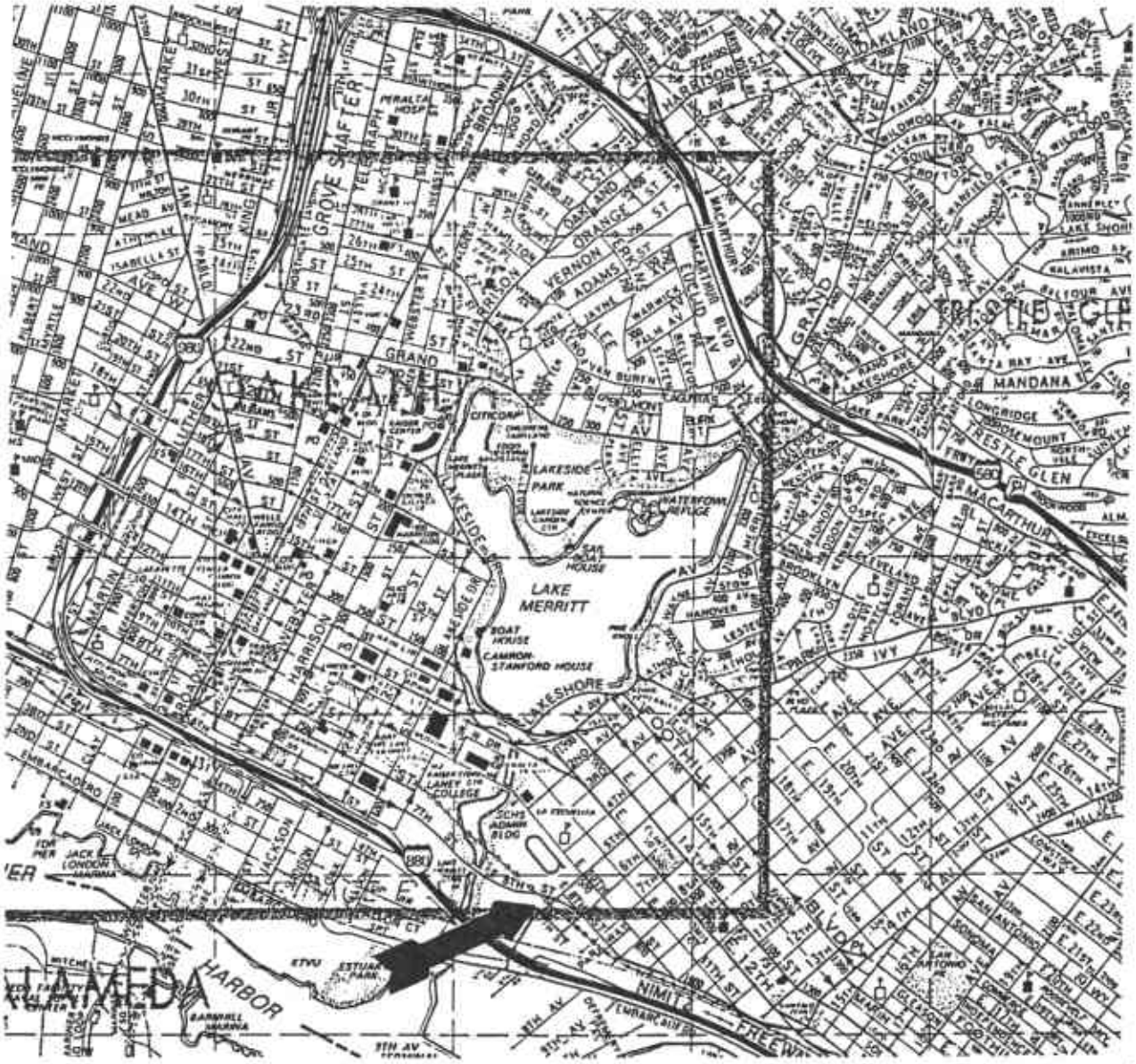
During underground storage tank removal, elevated levels of petroleum hydrocarbons were observed in the pea gravel and groundwater within the tank excavation. A lower asphalt layer was observed on the excavation sidewalls just below reddish brown fill.

After the excavation was cleaned of per gravel and concrete, an additional groundwater sample was collected. Results of the groundwater sample indicated a substantial decrease in constituents in the groundwater.

Initial groundwater sample collected from within the excavation contained elevated levels of contaminants. The initial grab water sample may not represent actual levels of contaminants in groundwater since contaminated backfill was in contact with groundwater.

Regulations to CCR Title 23, Chapter 16, Articles 5, 7 and 11 of the Underground Storage Tank (UST) regulations require that a soil and groundwater investigation be implemented to assess the nature of the release and to determine a method of clean-up. The regulations also specify that the Corrective Action Plan shall consist of those activities determined to be cost effective. "Cost-effective" is defined in the regulations as "actions that achieve similar or greater water quality benefits at an equal or lesser cost than other corrective actions".

To address the regulations, a work plan was submitted to the regulatory agencies dated April 27, 1993 for the assessment of the release associated with the underground storage tanks removed in 1992. The work plan has been accepted by the regulatory agencies in a letter dated May 19, 1993 from Alameda County Health Care Services Agency. The work plan has not been implemented pending removal of the fiberglass underground storage tanks located in the Maintenance Yard. The proposed scope of work will be revised to include the subsurface investigation for the newly removed underground storage tanks.



(Source: Thomas Bros. Guide)

Location Map
Peralta Community College
Maintenance Yard

12/14/1993	Drawn By: TRF	Project: 6045-5	Figure 1

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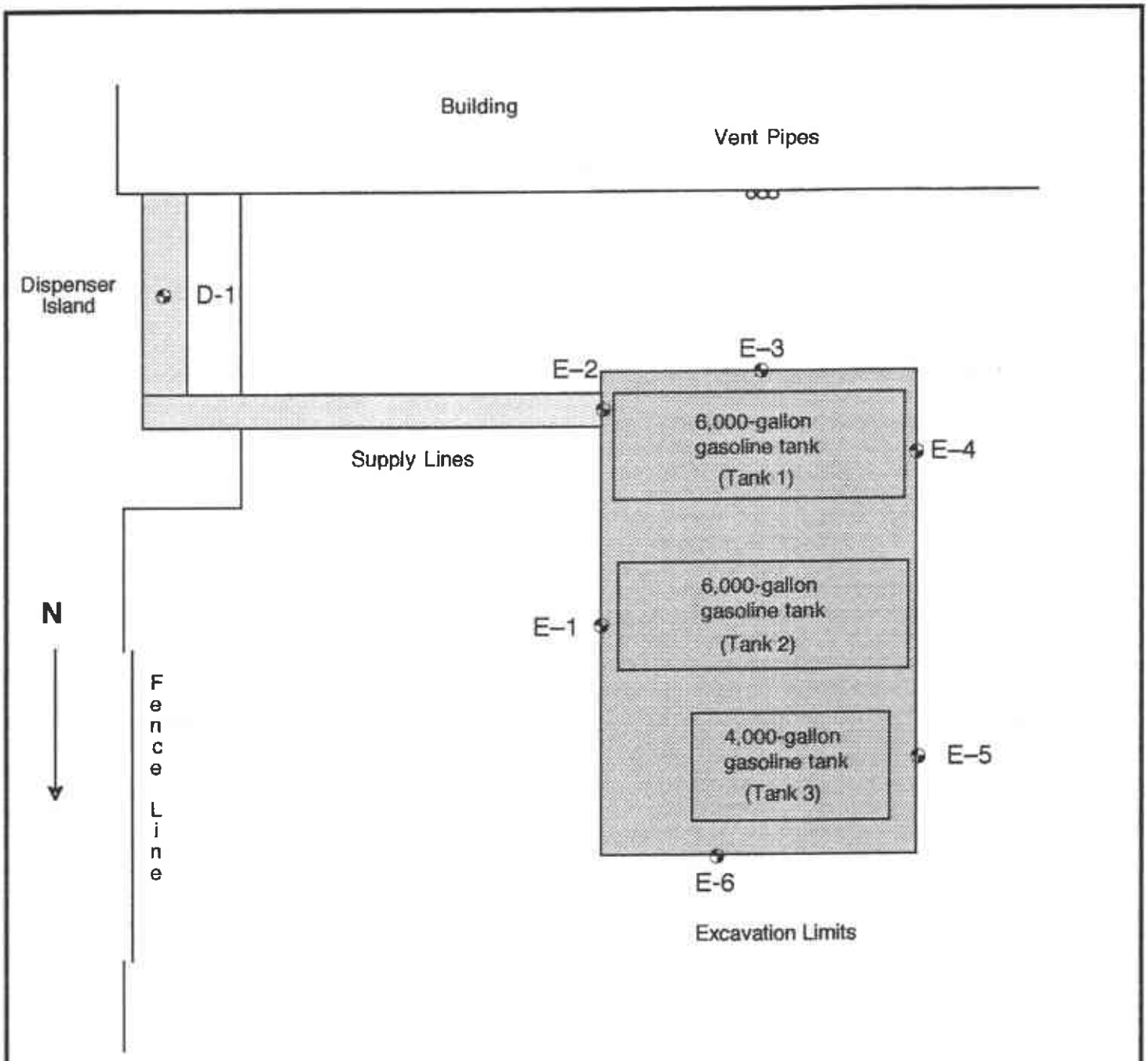


KEY

Sampling Location -

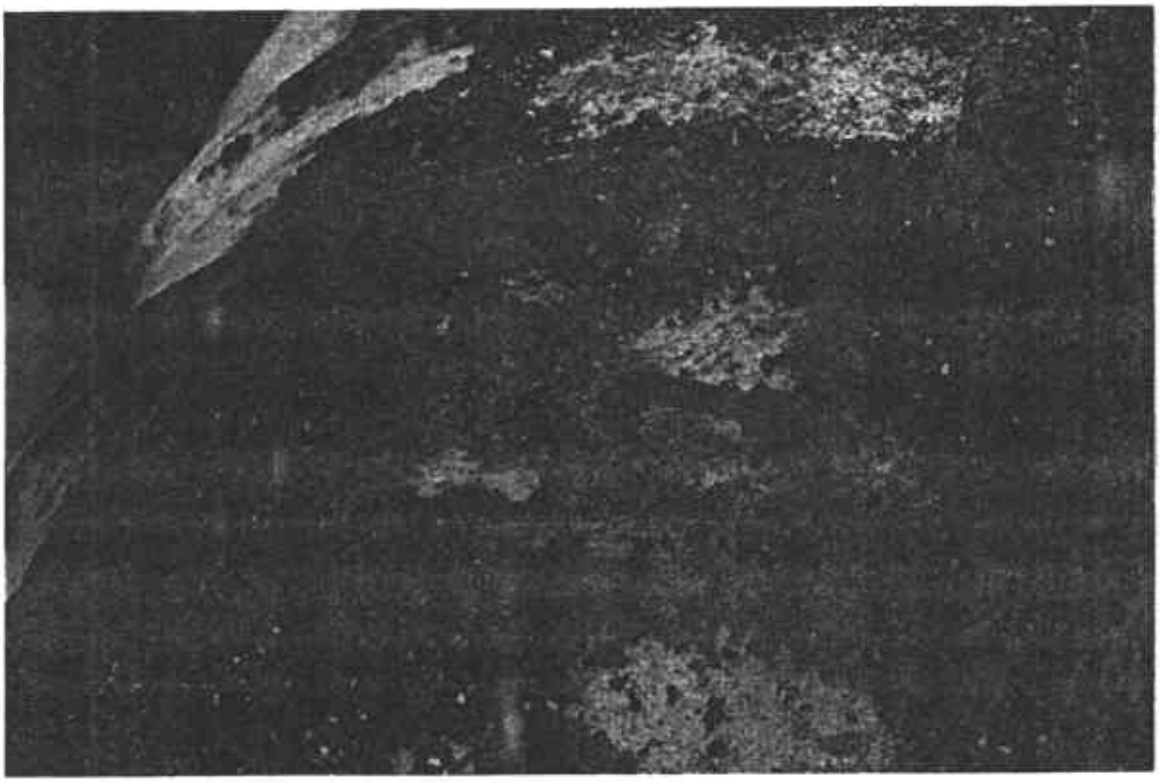
Site Plan
Peralta Community College
Oakland, California

Scale: 1" = 10'

12/15/93	Drawn By: TRF	Project: 6045-5	Figure 2

ACC Environmental Consultants ° 1000 Atlantic Ave., Suite 110 ° Alameda, CA 94501 ° (510) 522-8188 Fax: (510) 865-57

Photograph 1: Groundwater @ 4 feet depth

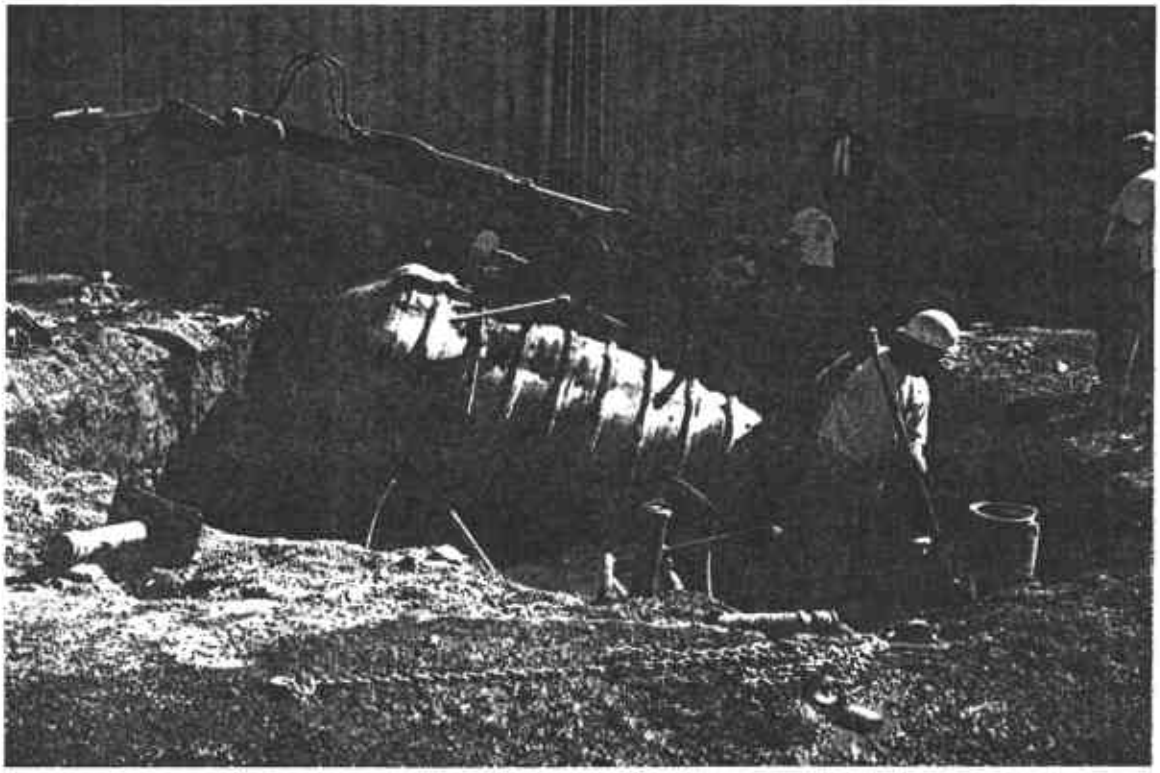


Photograph 2: Crack on top of Tank No.1
(Arrow shows crack location)

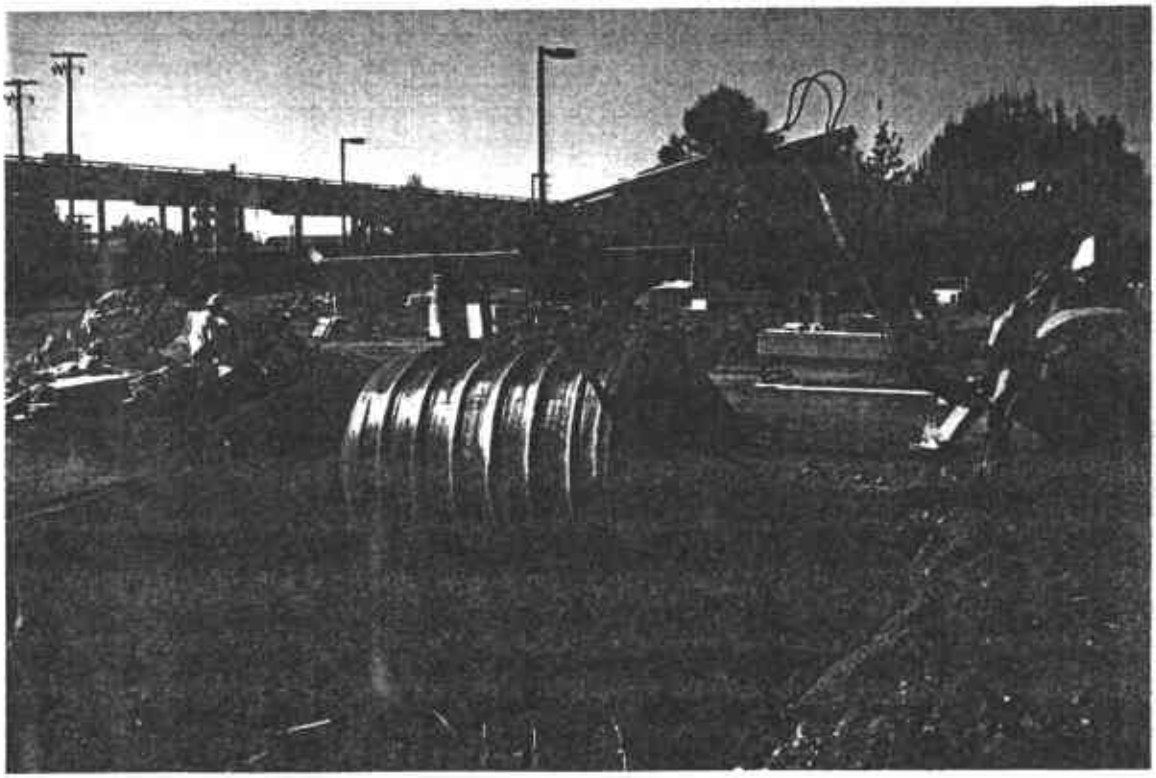
Photograph 3: Soil layers encountered in excavation sidewalls

Photograph 4: Removal of Tank No. 2 (Middle Tank)

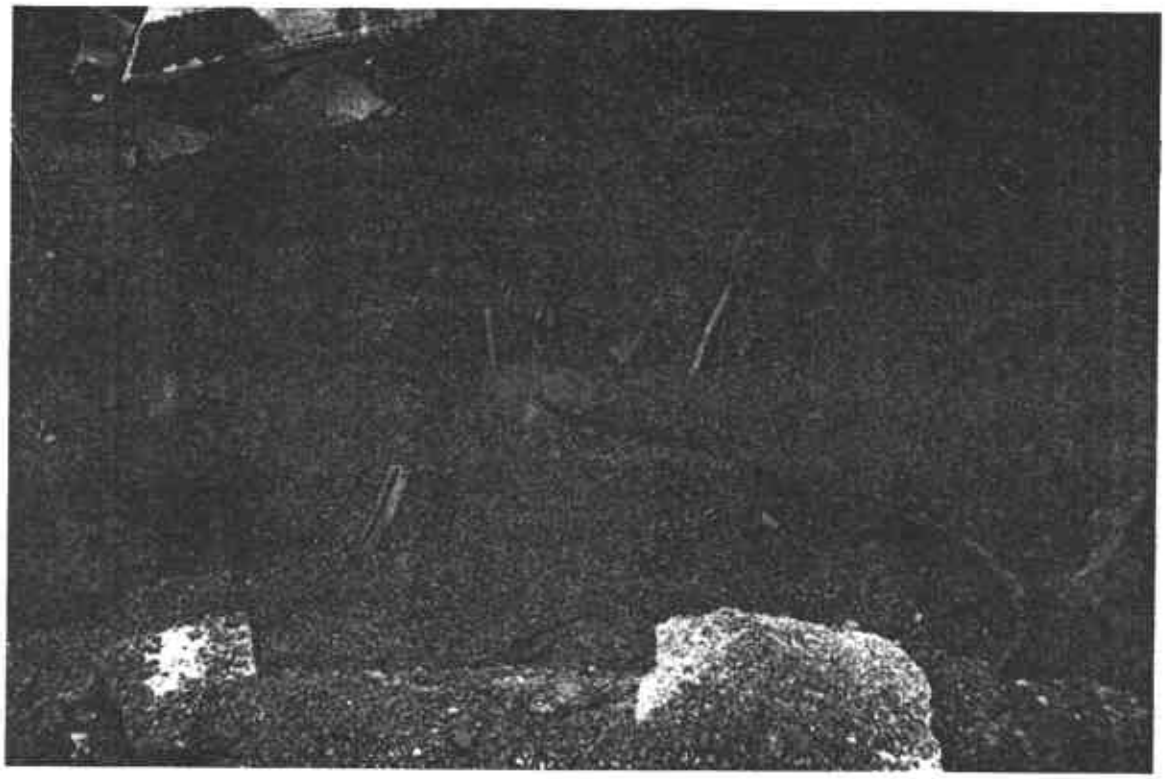
Photograph 5: Loading of tank onto truck



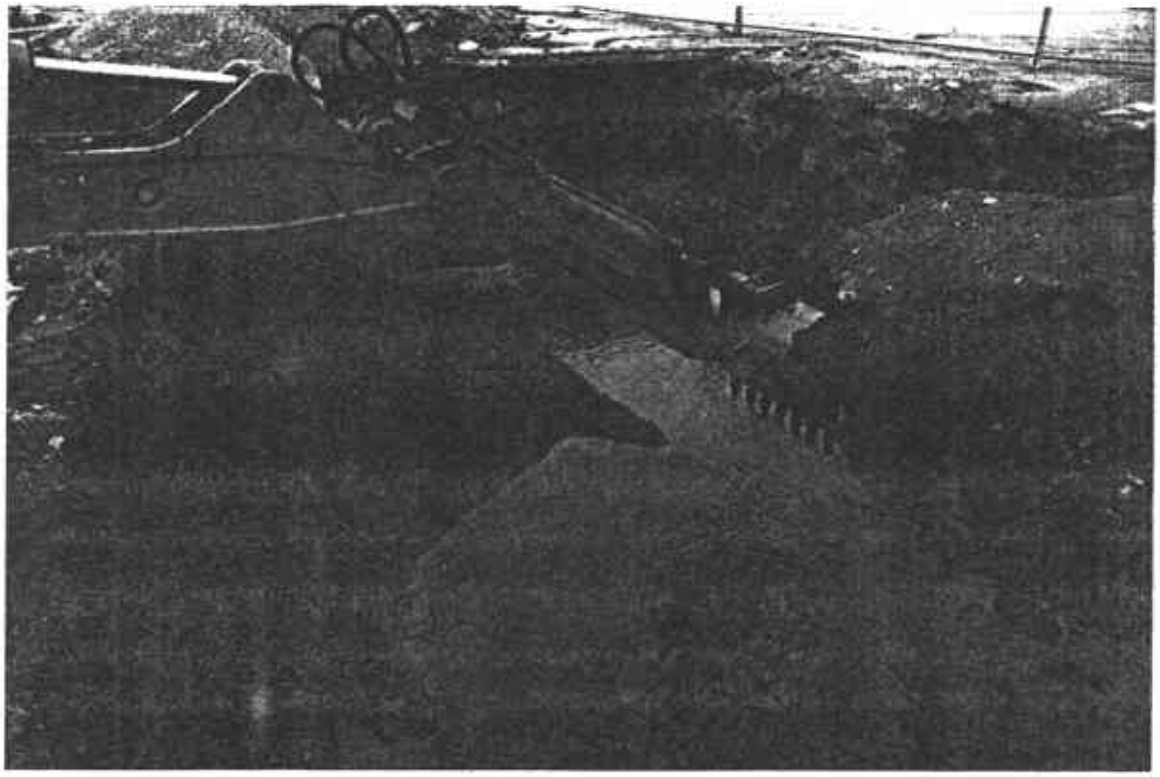
Photograph 6: Removal of Tank No. 1 (Nearest to Building)



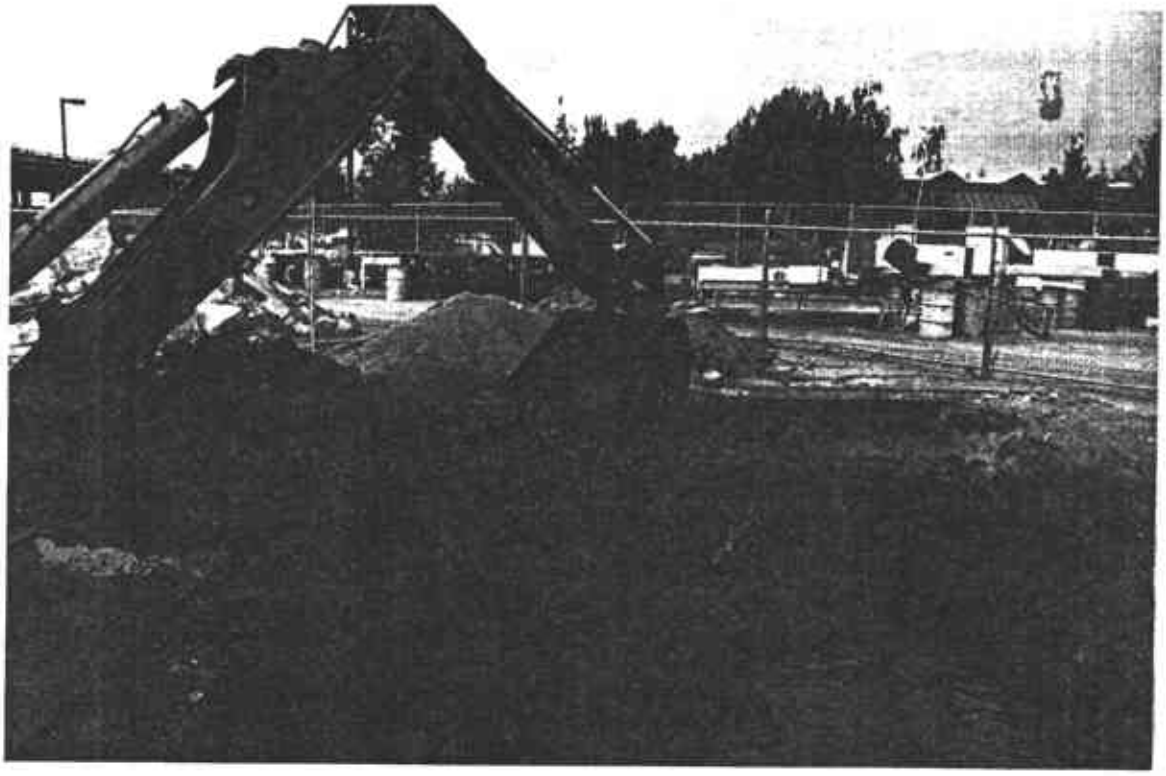
Photograph 7: Removal on tank No. 3 (4,000 gallon Tank)



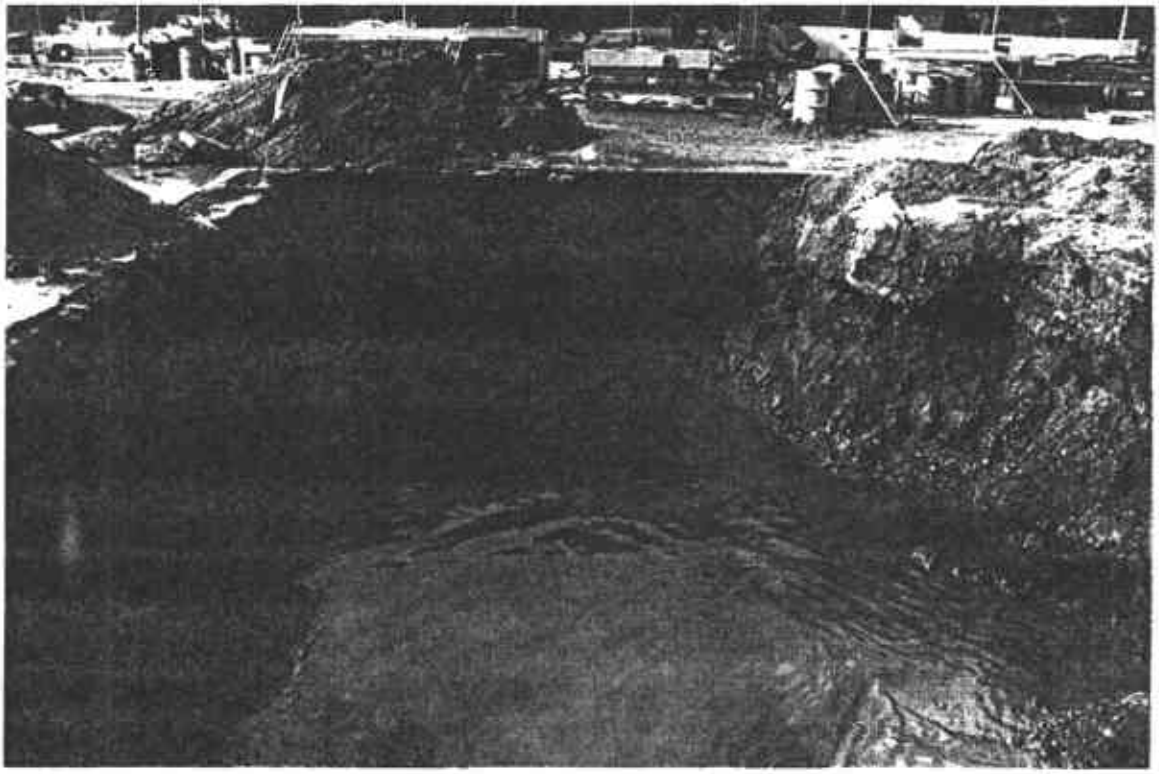
Photograph 8: Pumping of Excavation



Photograph 9: Cleaning out Excavation of Pea Gravel



Photograph 10: Cleaning out Excavation



Photograph 11: Excavation after Removal of Pea Gravel

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 15, 1993 ChromaLab File#: 9311067

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: PERALTA **Project#:** 6045-5
Submitted: November 4, 1993

re: 7 samples for Gasoline and BTEX analysis.

Matrix: SOIL
Sampled on: November 4, 1993 *Analyzed on:* November 9, 1993
Method: EPA 5030/8015/8020 *Run#:* 1464

Lab #	SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
35559	E-1	N.D.	N.D.	N.D.	N.D.	N.D.
35560	E-2	N.D.	190	6.9	N.D.	N.D.
35561	E-3	N.D.	8.9	N.D.	N.D.	N.D.
35562	E-4	N.D.	41	18	N.D.	N.D.
35563	E-5	N.D.	N.D.	N.D.	N.D.	N.D.
35564	E-6	1.3	N.D.	N.D.	N.D.	N.D.
35565	D-1	N.D.	N.D.	N.D.	N.D.	47
DETECTION LIMITS		1.0	5.0	5.0	5.0	5.0
BLANK		N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)		110	108	106	106	107

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 11, 1993 ChromaLab File No.: 9311067

ACC ENVIRONMENTAL CONSULTANTS

Attn: Misty Kaltreider

RE: Seven soil samples for Lead analysis

Project Name: PERALTA
Project Number: 6045-5
Date Sampled: November 4, 1993 Date Submitted: November 4, 1993
Date Analyzed: November 10, 1993

RESULTS:

Sample I.D.	Lead (mg/Kg)
E-1	6.1
E-2	5.8
E-3	3.8
E-4	6.3
E-5	8.8
E-6	8.0
D-1	4.5
BLANK	N.D.
DETECTION LIMIT	0.5
METHOD OF ANALYSIS	3050/6010

ChromaLab, Inc.

Charles Woolley
Analytical Chemist

Refaat A. Mankarious
Inorganic Supervisor

cc

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(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

DOHS 1094

SUBM #: 9311067
CLIENT: ACCENV
DUE: 11/11/93
REF: 13997

Order # 13997

67/35559-35565

Chain of Custody

DATE 11/4/93 PAGE 1 OF 1

PROJ. MGR. M. Kaltreider
COMPANY ACC Environmental
ADDRESS 1000 Atlantic Ave. Alameda, CA 94501

SAMPLERS (SIGNATURE) Misty Kaltreider (PHONE NO.) (510) 522-9188

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD by AA	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
E-1	11/4/93		S			X														X					1
E-2						X														X					1
E-3						X														X					1
E-4						X														X					1
E-5						X														X					1
E-6						X														X					1
D-1						X														X					1

PROJECT INFORMATION

PROJECT NAME: Pedta
PROJECT NUMBER: 6045-5
P.O. # 6045-5

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	7
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT: STANDARD 5-DAY | | | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
(SIGNATURE) Misty Kaltreider (TIME) 16:58	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) Misty Kaltreider (DATE) 11/4/93	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY) ACC Environmental	(COMPANY)	(COMPANY)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 16:59 (TIME)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY)	(COMPANY)	(LAB) Chromalab

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 17, 1993 ChromaLab File#: 9311133

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: PERALTA **Project#:** 6045-5
Submitted: November 10, 1993

re: 1 sample for Gasoline and BTEX analysis.

Matrix: **WATER**
Sampled on: November 9, 1993 *Analyzed on:* November 11, 1993
Method: EPA 5030/8015/602 *Run#:* 1502

Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
36553 VPP-1	27000	1200	5100	690	5700
DETECTION LIMITS	50	0.5	0.5	0.5	0.5
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	99	98	100	109	109

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

DOHS 1094

SUBM #: 9311133
CLIENT: ACCENV
22 DUE: 11/17/93
REF: 14068

Order # 14068 8 133/36553

Chain of Custody

DATE 11/10/93 PAGE 1 OF 1

PROJ. MGR. M. Kaltreider
COMPANY ACC Environmental
ADDRESS 1000 Atlantic Ave, Sui 110
Alameda, CA 94501

SAMPLERS (SIGNATURE) Misty Kaltreider
(PHONE NO.) (510) 522-8000

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
KPP-1	11/9/93		W			X																			3

PROJECT INFORMATION

PROJECT NAME: Peralta
PROJECT NUMBER: 60045-5
P.O. # 60045-5

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	3
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT: STANDARD (5-DAY) | | | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
(SIGNATURE) Misty Kaltreider 1:00 (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) Misty Kaltreider 11/10/93 (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY) ACC Environmental	(COMPANY)	(COMPANY)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 1307 (TIME)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	B. Marrow 11/10/93 (PRINTED NAME) (DATE)
(COMPANY)	(COMPANY)	Chromalab (LAB)

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 30, 1993 ChromaLab File#: 9311295

ACC ENVIRONMENTAL CONSULTANTS

Atten: Misty Kaltreider

Project: PERALTA **Project#:** 6045-5
Submitted: November 24, 1993

re: 1 sample for Gasoline and BTEX analysis.

Matrix: WATER
Sampled on: November 22, 1993 *Analyzed on:* November 30, 1993
Method: EPA 5030/8015/602 *Run#:* 1707

Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
38017 PP-2	210	N.D.	N.D.	N.D.	14
DETECTION LIMITS	50	0.5	0.5	0.5	0.5
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	95	95	100	103	100

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

DOHS 1094

SUBM #: 9311295
CLIENT: ACCENV
22 DUE: 12/03/93
REF: 14233

2951/38017
14233

Chain of Custody

DATE _____ PAGE _____ OF _____

PROJ. MGR. M. Kaltreider
COMPANY ACC Environmental
ADDRESS 1000 Atlantic Ave. Ste. 110
Alameda, CA 94501

SAMPLERS (SIGNATURE) (PHONE NO.)
Misty Kaltreider (510) 522-8188

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
PP-2	11/22/93		W			X																			2

PROJECT INFORMATION

PROJECT NAME: Peralta
PROJECT NUMBER: 6045-5
P.O. # 6045-5

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	2
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT: STANDARD (5-DAY) | | | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
(SIGNATURE) Misty Kaltreider (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) Misty Kaltreider (DATE) 11/24/93	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY) ACC Environmental	(COMPANY)	(COMPANY)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3.**
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) B. Morrow 11:24-93 (TIME)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) B. Morrow 11-24-93 (DATE)
(COMPANY)	(COMPANY)	(LAB) Chromalab

Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

See instructions on back or p[illegible]

Department of [illegible] Services
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | 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
PERALTA COMMUNITY COLLEGE DISTRICT
333 East 8th Street, Oakland, CA. 94606

4. Generator's Phone (510) 466-7336

5. Transporter 1 Company Name | 6. US EPA ID Number
H & H Ship Service Company | C A D 0 0 4 2 7 1 1 6 4

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

9. Designated Facility Name and Site Address | 10. US EPA ID Number
PRC PATTERSON INC.
13311 N. Highway 33
Patterson CA 95363 | C A D 0 3 3 1 6 7 2 8

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. OIL AND WATER NON-RCRA HAZARDOUS WASTE LIQUID	001	TT	03800	G
b.				
c.				
d.				

PROPER SHIP[illegible]

15. Special Handling Instructions and Additional Information
JOB #13562
24 Hr. Emergency Contact: H & H #(415) 543-4835
APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR

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

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

Printed/Typed Name	Signature	Month	Day	Year
Robert Ward		1 1	0 5	9 3

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JIMMIE H. REESE		1 1	0 5	9 3

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

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

GENERATOR | TRANSPORTER | FACILITY

DTSC 8022A (12/91)
EPA 8700-22

Yellow: GENERATOR RETAINS

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

EMERGENCY ☐ YES ☒ NO

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

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

REPORT DATE: 12/09/93 CASE #:

REPORTED BY
NAME OF INDIVIDUAL FILING REPORT: Misty Kaltreider
PHONE: 510) 522-8188
SIGNATURE: Misty Kaltreider
REPRESENTING: ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER
COMPANY OR AGENCY NAME: ACC Environmental Consultants, Inc.
ADDRESS: 1000 Atlantic Avenue, Suite 110 (STREET) Alameda (CITY) CA (STATE) 94501 (ZIP)

RESPONSIBLE PARTY
NAME: Peralta Community College District ☐ UNKNOWN
CONTACT PERSON: Robert Mibach
PHONE: 510) 466-7336
ADDRESS: 333 E. 8th Street (STREET) Oakland (CITY) CA (STATE) 94606 (ZIP)

SITE LOCATION
FACILITY NAME (IF APPLICABLE): Peralta Community College District
OPERATOR:
PHONE: (510) 466-7336
ADDRESS: 501 5th Avenue (STREET) Oakland, CA (CITY) Alameda (COUNTY) 94606 (ZIP)
CROSS STREET: 8th Street

IMPLEMENTING AGENCIES
LOCAL AGENCY AGENCY NAME: Alameda County Health Care Services Agency
CONTACT PERSON: Barney Chan
PHONE: (510) 2714530
REGIONAL BOARD: Bay Area Regional Water Quality Control Board
PHONE: 510) 286-1255

SUBSTANCES INVOLVED
(1) NAME: Gasoline — QUANTITY LOST (GALLONS): ☒ UNKNOWN
(2) ☐ UNKNOWN

DISCOVERY/ABATEMENT
DATE DISCOVERED: 11/04/93
HOW DISCOVERED: ☐ TANK TEST ☒ TANK REMOVAL ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ OTHER
DATE DISCHARGE BEGAN: ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE 11/04/93
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☒ REMOVE CONTENTS ☐ REPLACE TANK ☒ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☐ OTHER

SOURCE/CAUSE
SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER
CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

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

CURRENT STATUS
CHECK ONE ONLY: ☐ NO ACTION TAKEN ☐ LEAK BEING CONFIRMED ☐ REMEDIATION PLAN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☒ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ POLLUTION CHARACTERIZATION ☐ POST CLEANUP MONITORING IN PROGRESS ☐ CLEANUP UNDERWAY

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

COMMENTS

HSC 05 (11/89)