

Chain of Cust

Aqua Science Engineers, Inc.
2417 Old Crow Canyon Road, #4,
San Ramon, CA 94583
(510) 820-9391 - FAX (510) 837-4853

DATE 1/29/93 PAGE 1

SAMPLERS (SIGNATURE) *[Signature]* (PHONE NO.) 820-9391 PROJECT NAME TASCW NO. 26
ADDRESS 34700 SOUTHWEST OAKLAND

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-GASOLINE	TPH-GASOLINE/BTEX	TPH-DIESEL	PURGABLE AROMATICS	PURGABLE HALOCARBONS	VOLEATILE ORGANICS	BASE/NEUTRAL ACIDS	OIL & GREASE	LUFT METALS	PILE 22 (CAM 27)	TCLE	STLC-CM WET	REACTIVITY	TOTAL LEAD
					(EPA 5030/8015)	(EPA 5030/8015-8020)	(EPA 3510/8015)	(EPA 602/8020)	(EPA 601/8019)	(EPA 821/8210)	(EPA 605/8270)	(EPA 4520 EPC OF EPA)	(EPA 6010-7000)	(EPA 1311/1310)	(EPA 1311/1310)	COMBUSTIBILITY		
GSB1(WN)	1/29	4pm	S	1		X	X											X
GSB2(WN)						X	X											X
DSB1						X	X											X
DSB2						X	X											X

RELINQUISHED BY: <i>[Signature]</i> (signature)	RECEIVED BY: <i>[Signature]</i> (signature)	RELINQUISHED BY: <i>[Signature]</i> (signature)	RECEIVED BY LABORATORY: <i>[Signature]</i> (signature)	COMMENTS:
1:15am (time)	1:15am (time)		1:15am (time)	
DAVID ANON 1/29 (printed name) (date)			DAVID DUONG 1/29 (printed name) (date)	
Company- ASE	Company-	Company-	Company- PBA	

FAX NO. 4089469563

PRIORITY LABS

MAR 23 1993

Aqua Science Engineers, Inc.
 2411 Old Crow Canyon Road, #4,
 San Ramon, CA 94583
 (510) 820-9391 - FAX (510) 837-4853

Chain of

INV # 23345

DATE 1-30-93 PAGE 1 OF 1

SAMPLERS (SIGNATURE) _____ (PHONE NO.) _____ PROJECT NAME TASCO NO. 2602
 ADDRESS 2430 Wood St.

ANALYSIS REQUEST					TPH GASOLINE (EPA 5030/8015)	TPH GASOLINE/BTEX (EPA 5030/8015-8030)	TPH DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/802)	PURGABLE HALOCARBOIS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NUTRIENTS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 REF OF REF)	LOFT METALS (5) (EPA 6010+7080)	TITLE 22 (CERCLA 17) (EPA 6010+7000)	TGAP (EPA 8311/8310)	STIC - CARBENET (EPA 1312/1310)	REACTIVITY CORROSIVITY IGNITABILITY	REMARKS	
SPECIAL INSTRUCTIONS: <u>Complete stock file</u>	SAMPLE ID	DATE	TIME	MATRIX															NO. OF SAMPLES
	STKP E	1-29		S	4	X	X												
	STKP W	1-29		S	4	X	X												
	S-1	1-29		S	1	X	X												
	S-2	1-29		S	1	X	X												
	E-1	1-29		S	1	X	X												
	E-2	1-29		S	1	X	X												
	N	1-29		S	1	X	X												
	W	1-29		S	1	X	X												

RELINQUISHED BY: <u>[Signature]</u> (signature) _____ (time) _____	RECEIVED BY: _____ (signature) _____ (time) _____	RELINQUISHED BY: <u>[Signature]</u> (signature) _____ (time) _____	RECEIVED BY LABORATORY: <u>[Signature]</u> 8:00 AM (signature) _____ (time) _____	COMMENTS: _____
STEVE DeBlase (printed name) _____ (date) _____	_____ (printed name) _____ (date) _____	_____ (printed name) _____ (date) _____	DAVID DUONG 1/30/93 (printed name) _____ (date) _____	
Company- <u>A.S.E.</u>	Company- _____	Company- _____	Company- <u>PEL</u>	

APPENDIX B

HAZARDOUS WASTE MANIFESTS

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C,A,C,0,0,0,8,6,0,0,0,8	Manifest Document No. 6,8,2,3,7	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Thomas A. Short Co. 3430 Wood St. - Oakland, California 94608			A. State Manifest Document Number 9168876		
4. Generator's Phone (510) 655-9375			B. State Generator's ID		
5. Transporter 1 Company Name Dexanna, Ltd.		6. US EPA ID Number C,A,D,9,8,2,4,3,8,5,6,6		C. State Transporter's ID 308784	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (510) 687-1292	
9. Designated Facility Name and Site Address Erickson Inc. 255 Parr Blvd. Richmond, California 94801		10. US EPA ID Number C,A,D,0,0,9,4,6,6,3,9,2		E. State Facility's ID 9466392	
				F. Facility's Phone (510) 235-1393	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number State EPA/Other
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.		0,0,1 T,P	9,100	P	512 None
b.					
c.					
d.					
16. Additional Descriptions for Materials Listed Above Qty. 1 Empty Storage Tank #10537. Tank has been inerted with 15 lbs. Dry Ice per 1000 gals. capacity.			17. Handling Codes for Wastes Listed Above a. b. c. d.		
18. Special Handling Instructions and Additional Information Keep away from sources of ignition. Always wear hardhats when working around U.S.T.'s. SITE LOCATION: 3430 Wood Street - Oakland, California 24 Hr. Contact Name: Steve DeHope & Phone # (510) 830-7126					
19. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Agent For Generator STEVE DeHope		Signature Steve DeHope		Month Day Year 0,1 2,8 9,3	
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name James R. Cox		Signature James R. Cox		Month Day Year 0,1 2,8 9,3	
18. Transporter 2 Acknowledgment 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 DAVID SATO		Signature DAVE SATO		Month Day Year 0,1 2,8 9,3	

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

DO NOT WRITE BELOW THIS LINE.

80630

01688756
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C1A1C10100816101008	Manifest Document No. 6182217	2. Page 1 of 1	Information in the shaded area is not required by Federal law.	
3. Generator's Name and Mailing Address <i>Thomas A. Short Co. 3430 Woodst Oakland CA 94608</i>			A. State Manifest Document Number 91688756		B. State Generator's ID	
4. Generator's Phone <i>(510) 655-0376</i>		4. US EPA ID Number CAD982438566		C. State Transporter's ID 308783		D. Transporter's Phone <i>(510) 687-1202</i>
5. Transporter 1 Company Name <i>Dexanna, Ltd.</i>		7. Transporter 2 Company Name		E. State Transporter's ID		F. Transporter's Phone
9. Designated Facility Name and Site Address <i>Erickson, Inc. 255 Parr Blvd. Richmond, CA 94801</i>		10. US EPA ID Number CAD009466392		G. State Facility's ID <i>CAD009466392</i>		H. Facility's Phone <i>(510) 235-1393</i>
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	L. Waste Number
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid			0101 T,P	01/0000	P	State 512 EPA/Other None
b.						State EPA/Other
c.						State EPA/Other
d.						State EPA/Other
J. Additional Descriptions for Materials Listed Above <i>One (1) Empty storage tank # 10536 has been inerted with 15 lbs. of dry ice per 1000 gallons of capacity.</i>			K. Handling Codes for Wastes Listed Above a. <i>01</i> b. c. d.			
15. Special Handling Instructions and Additional Information Keep away from sources of ignition. 24 Hr. Contact: <i>Steve Detlope</i> Always wear hardhats when working with UST's. Telephone #: <i>(510) 830-7126</i>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <i>STEVE Detlope</i>			Signature <i>[Signature]</i>		Month Day Year 01/12/1997	
17. Transporter 1 Acknowledgement of Receipt of Material Printed/Typed Name <i>L.F. DeKalb</i>			Signature <i>[Signature]</i>		Month Day Year 01/12/1993	
18. Transporter 2 Acknowledgement of Receipt of Material 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 <i>DAVID SATO</i>			Signature <i>[Signature]</i>		Month Day Year 01/12/1993	

DO NOT WRITE BELOW THIS LINE.

APPENDIX C

PERMITS

6. Contractor Aqua Science Engineers, Inc.
Address 2411 Old Crow Canyon Road #4
City San Ramon, CA 94583 Phone (510) 820-9391
License Type "A" Hazardous ID# 487000

Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant Aqua Science Engineers, Inc.
Address 2411 Old Crow Canyon Road #4
City San Ramon, CA 94583 Phone (510) 820-9391

8. Contact Person for Investigation
Name Steve De Hope Title Construction Supervisor
Phone (510) 820-9391

9. Number of tanks being closed under this plan 2
Length of piping being removed under this plan 20'
Total number of tanks at facility 2

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).
** Underground tanks are hazardous waste and must be handled **
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter
Name Waste Oil Recovery Systems EPA I.D. No. CAD000626515
DOHS 843
Hauler License No. CAE PVO-106399 License Exp. Date 7/93
Address 6401 Leona Street
City Oakland State CA Zip 94605

b) Product/Residual Sludge/Rinsate Disposal Site
Name Domenic Korden EPA I.D. No. CAT 80013352
Address 2000 North Alameda Avenue
City Cumpton State CA Zip 95221

c) Tank and Piping Transporter

Name Erickson Inc. EPA I.D. No. CAD002466392
Hauler License No. 0019 License Exp. Date 5/93
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson Inc. EPA I.D. No. CAD009466392
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

11. Experienced Sample Collector

Name David Allen / Steve DeHope
Company Aqua Science Engineers
Address 2411 Old Crow Canyon Road, #4
City San Ramon State CA Zip 94583 Phone (510) 820-9391

12. Laboratory

Name Priority Environmental Labs
Address 1764 Hovet Court
City Milpitas State CA Zip 95305
State Certification No. 1708

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

By introducing 'DRY ICE' into each tank at a rate of at least 1.5 lbs. / 100 gallons of tank's volume

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
(1) 1,000 gal	DIESEL	SOIL AND/OR GROUNDWATER (IF PRESENT)	ONE (1) SAMPLE WILL BE COLLECTED FROM EACH END OF TANK BOTTOM
(1) 4,000 gal	GASOLINE	" " "	" " "

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

Excavated/Stockpiled Soil

Stockpiled Soil Volume (Estimated) <p style="font-size: 1.2em;">75 cu. yds.</p>	Sampling Plan For each 50 yds ³ , one "composited" sample will be collected in a sterile, pre-cleaned, brass sample tube. The sample will be sealed, labeled and stored on ice pending delivery to the lab.
---	--

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

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
TPH - D	3550/8015		1.0 ppm
TPH - G	5030/8015		1.0 ppm
BTEX	8020		0.005 ppm
LEAD	WFA METAL METHOD		50 ppb

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer OHIO CASUALTY GROUP

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

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

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

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) David Allen

Signature David P. Allen

Date 1/19/93

Signature of Site Owner or Operator

Name (please type) Thomas D. LaFlamme

Signature Thomas D. LaFlamme

Date 1/19/93

**DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320**

ACCEPTED

Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
80 Swan Way, Suite 200,
Oakland, CA 94621
Telephone: (510) 271-4320

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction. One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal. Any changes or additions of these plans and corrections must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

- _____ Removal of Tank(s) and Piping
- _____ Sampling
- _____ Final Inspection

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

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS

Contact Specialist:

1) SAMPLER REQUIRED
2) SAMPLER DISPENSER.
3) STOCKPILE (IF CONTAIN-
MENTED) WILL BE HAUL-
ED OFF SITE
AWAY

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Business Name Thomas A. Short Company (TASCO)
Business Owner Thomas Le Flemme
 2. Site Address 3430 Wood Street
City Oakland Zip 94607 Phone (510) 655-937
 3. Mailing Address 3430 Wood Street
City Oakland Zip 94607 Phone (510) 655-937
 4. Land Owner Thomas Le Flemme
Address 3430 Wood Street City, State Oakland, CA Zip 94607
 5. Generator name under which tank will be manifested Thomas Le Flemme
The Thomas A. Short Co.
- EPA I.D. No. under which tank will be manifested CAC000860008

Wood Street

Beach Street

Ramp/Dock

Sand Blasting

Underground Fuel Tanks

W-1

B-1

B-2

B-3

B-4

Fuel Dispenser

Manufacturing Building

Storage Building

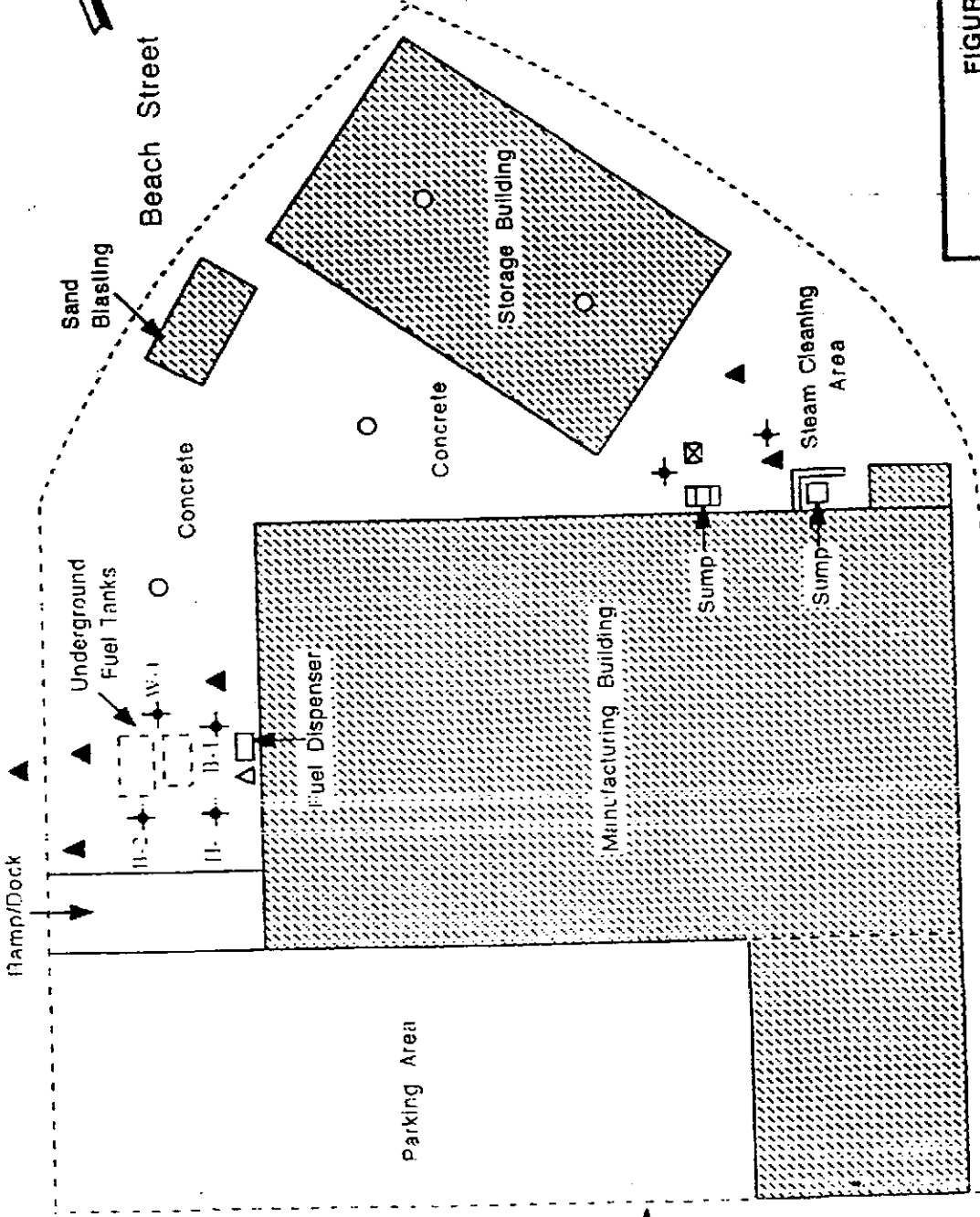
Concrete

Steam Cleaning Area

Sump

Sump

Parking Area



Approximate Property Line

SYMBOLS

- ▲ Existing well/boring
- ⊠ Proposed 20 ft. monitoring well
- ▲ Proposed 3 ft. boring
- △ Proposed 1 ft. boring
- Proposed 1 ft. boring

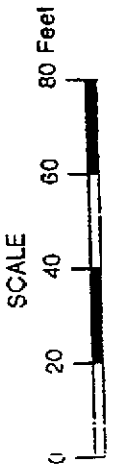


FIGURE 1

Site Plan Showing Existing Wells/Borings
and Proposed Additional Wells/Borings
Site: Thomas A. Short Company
3430 Wood Street
Oakland, California

Aqua Science Engineers, Inc.

ISSUE DATE (MM/DD/YY)
10/30/92

AGORD CERTIFICATE OF INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

JCCR

Cal-Pay Insurance Services
103 Town & Country Dr., Suite M
Danville, CA 94526
(510) 820-0901

COMPANIES AFFORDING COVERAGE

- COMPANY LETTER **A** Commercial Indemnity Assurance
- COMPANY LETTER **B** West American Insurance
- COMPANY LETTER **C**
- COMPANY LETTER **D**
- COMPANY LETTER **E**

INSURED

Aqua Science Engineers, Inc.
2411 Old Crow Canyon Rd. #4
San Ramon, CA 94583

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS MADE <input checked="" type="checkbox"/> OCCUR OWNERS & CONTRACTORS PROT	CGI. 6926681CI	06/01/92	06/01/93	GENERAL AGGREGATE \$ 1,000,000 PRODUCTS-COMMOD ACC. \$ 1,000,000 PERSONAL & ADV INJURY \$ 1,000,000 EACH OCCURRENCE \$ 1,000,000 FIRE DAMAGE (Any one fire) \$ 50,000 MED. EXPENSE (Any one person) \$ 5,000 COMBINED SINGLE LIMIT \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$ EACH OCCURRENCE \$ AGGREGATE \$
B	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS RENTED AUTOS NON-OWNED AUTOS DAMAGE LIABILITY EXCESS LIABILITY UMBRELLA FORM OTHER THAN UMBRELLA FORM WORKERS COMPENSATION AND EMPLOYERS LIABILITY	XWW 50 43 90 08	08/01/92	08/01/93	STATUTORY LIMITS EACH ACCIDENT \$ 1,000,000 DISEASE-POLICY LIMIT \$ 1,000,000 DISEASE-EACH EMPLOYEE \$ 1,000,000
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES

AUTHORIZED REPRESENTATIVE

[Handwritten Signature]

CONTRACTORS STATE LICENSE BOARD

No. 487006

Building Quality

ISSUED 02-13-86

This license is the property of the Registrar of Contractors. It is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed.

Contractor's License

Pursuant to the provisions of Chapter 9 of Division 3 of the Business and Professions Code and the Rules and Regulations of the Contractors State License Board the Registrar of Contractors does hereby issue this license to:

AQUA SCIENCE ENGINEERS INC

to engage in the business or act in the capacity of a contractor in the following classification(s):
A GENERAL ENGINEERING CONTRACTOR



WITNESS my hand and sealed this
13TH day of FEBRUARY 1986.



State of California
Department of Consumer Affairs
CONTRACTORS STATE LICENSE BOARD



License Number
487000
Licensee
AQUA SCIENCE ENGINEERS INC
Classification
A C57 HAZ

CORP

02/29/92

J. K. Mabrey
Registrar of Contractors

*✓ Self Renewal
Contractor*

Signature of Licensee
William F. Pruck

Signature of person who qualified on behalf of the licensee

STATE AND CONSUMER SERVICES AGENCY
DEPARTMENT OF CONSUMER AFFAIRS



CONTRACTORS STATE LICENSE BOARD



License Number

487000

Entity

CORP

Name/Company

AQUA SCIENCE ENGINEERS
INC

Classification

A C57 HAZ

Expiration Date

02/28/94



COMPLIANCE CERTIFICATION
29 CFR 1910.120
Hazardous Waste Operations and Emergency
Response Training

STEVE DeHOFF

553-41-4943

2/7/93

1188R

6300 PAVES DR
13340 SW Street
Suite 107
Portland, OR
97224

DIPLOMA

OF SAFETY TRAINING

STEVE LABARE

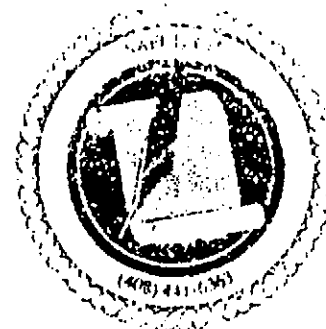
has successfully completed the
SAFETECH

Hazardous Waste Operations and Emergency Response
29 CFR 1910.120 and GISO 5192
40 Hour Certification Training Course

Jan Janaki
TRAINING DIRECTOR

4540

CERTIFICATE NUMBER



EXPIRES: 6-25-93

Excavation Permit Granted No.

CITY OF OAKLAND

Permit to Excavate and install, Repair, or Remove Inflammable Liquid Tanks

Oakland, California

January 27, 1993

93

PERMIT GRANTED TO: **XXXX**

remove **XXXX** Gasoline tank and excavate commencing

feet below **XXXX** line

Street
Avenue _____ feet _____

Street
Avenue _____

Street
Avenue _____ Present Storage

Address **3430 Wood Street**

655-9375

Map **2411 Old Crow Canyon Rd. 14A**

Phone **220-0891**

San Ramon 9/58

Number of Tanks

Capacity **1,000**

Volume **back**

This permit is granted in accordance with existing City Code

and shall be subject to the jurisdiction of the City Engineer and the City Authority

responsible for the safety of existing tanks, to open flame or other

N

W

E

S

EXCAVATING PERMIT

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected by _____

By _____

NOTICE

Before Covering Tanks Above Certificate Must Be Signed

When ready for inspection verify fire insurance number (772-185)

PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR

Permit Application and Job Notification Form

Construction Demolition Trenches Excavation Buildings Structures Falsework Scaffolding

State of California
Department of Industrial Relations
Division of Occupational Safety & Health

Concord District Office

Date: _____/_____/_____

PERMIT No. _____

Sections 6500, 6501 and 6502 of the California Labor Code require that certain activities which by their nature involve substantial risk of injury may not be performed without a permit issued by DOSH. The Labor Code requires that the applicant supply, and that the Division review,

information necessary to evaluate the safety of the worksite subject to permit requirements. A permit will not be issued until evidence has been demonstrated that the place of employment will be safe and healthful.

Applicant refers to the employer applying for the Permit

Employer: Aqua Science Engineers Inc.
Address: 2411 Old Crow Canyon Rd. #4
San Ramon CA 94583
Phone: 510-820-3391

Project Safety Contact: DAVE ALLEN
Employer's Representative: STEVE DENISE
Title & Phone No: SUPERVISOR 510-820-3391
Employer's State Contractor's License No. 487000

Check Applicable Items:

Applicant refers to a knowledgeable person in a position of authority and responsibility for the activity to be covered by this permit.

Applicant is:

- General Building Contractor
 General Engineering Contractor
 Specialty Contractor
Specialty Contractor Type: HAZ
 Other: _____

General Contractor Option
Initial this blank if applicant elects to assume responsibility for obtaining a single permit to cover one multi-employer project, e.g., a high-rise construction project. The duties of employers at the site to obey safety and health laws are not changed by this section. A list of employers on site will be attached by the Division to this application and the list will be updated as necessary.

Type of Permit Sought:

- Annual
 Single Project
 Job Start Notification Only
 Provisional Permit [PLAN CHECK ONLY]

Multiple Project. (If Projects to be covered are similar in all important aspects; work is performed by the same employer; and information concerning each project covered is provided.)

For:

- Construction of: Building Structure
 Demolition of: Building Structure
 Scaffolding and/or Falsework and/or Vertical Shoring
 Tower Crane Erection
 Trench and/or Excavation

Underground Services Alert # _____

(DIGALERT 1-800-642-2444) Northern CA
(DIGALERT 1-800-422-4133) Southern CA

Any permit based on this application is issued with the understanding that the applicant has knowledge of occupational safety and health orders applicable to the project(s) described in this application and attachments, and that the applicant and supervising personnel will take special care to insure compliance with safety orders reviewed with the applicant by the Division in the application process.

Issuance of the permit is also conditional upon the following:

- 1) Upon initiation of any new project not described in this application, the holder of an annual permit will provide the Division with a completed Project Description Form describing the new project prior to the start of work, preferably at least one week in advance of start-up date. A phone call may be used to meet the deadline but will not be considered valid notice unless followed in writing by mailing a completed Project Description Form.
- 2) The applicant has implemented a written accident prevention program and Code of Safe Practices which meet the requirements of 8 California Administrative Code, 1509.
- 3) The Division will be notified of significant changes in information provided with this application if such changes might affect the safety of the activity.

4) The applicant understands that under the permit program, DOSH schedules routine inspections by authorized personnel for the purpose of verifying that holders of permits are meeting their obligation to provide a safe work place for their employees. The Division reserves the right to revoke a permit if it is unable to promptly verify compliance with the terms and conditions of the permit and its issuance.

5) The applicant understands that failure to comply with any of the above listed conditions for obtaining a permit could result in denial, suspension or revocation of the permit. Employers may appeal these actions to the Director of the Department of Industrial Relations (California Labor Code, Section 6500 et. seq., and 8 California Administrative Code, Section 341).

Is the applicant conducting any activities to be covered by this permit application in partnership or joint venture with any other persons or corporations conducting activities requiring permits? Yes No
If "yes" give details: _____

Have any permits for any project to be covered by the permit application previously been applied for or obtained? Yes No If "yes," when from what district office _____

In whose name _____

Done



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

1/18/93

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

- NOTIFICATION FORM
- Removal or Replacement of Tanks
 - Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS 3430 WOOD STREET

CITY, STATE OAKLAND CA ZIP 94607

OWNER NAME Thomas D. LaFlamme

SPECIFIC LOCATION OF PROJECT 3430 WOOD STREET

<p><u>TANK REMOVAL</u></p> <p>SCHEDULED STARTUP DATE <u>1-27-93</u></p> <p>VAPORS REMOVED BY:</p> <p><input checked="" type="checkbox"/> WATER WASH</p> <p><input checked="" type="checkbox"/> VAPOR FREEING (CO²)</p> <p><input type="checkbox"/> VENTILATION</p>	<p><u>CONTAMINATED SOIL EXCAVATION</u></p> <p>SCHEDULED STARTUP DATE <u>1-28-93</u></p> <p>STOCKPILES WILL BE COVERED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW) <u>NONE</u></p> <p>(MAY REQUIRE PERMIT) <u>YES</u></p>
---	--

AQUA SCIENCE ENG

CONTRACTOR INFORMATION

NAME Aqua Science Engineers, Inc. CONTACT Steve De Hope

ADDRESS 2411 Old Crow Canyon Road, #4 PHONE (510) 820-9391

CITY, STATE, ZIP San Ramon, CA 94583

CONSULTANT INFORMATION (IF APPLICABLE)

NAME _____ CONTACT _____

ADDRESS _____ PHONE () _____

CITY, STATE, ZIP _____

FOR OFFICE USE ONLY

DATE RECEIVED FAX <u>1/18/93</u>	BY <u>Blg</u> (init.)
DATE POSTMARKED _____	BY _____ (init.)
CC: INSPECTOR NO. <u>524</u>	DATE <u>1/22/93</u>
UPDATE: CONTACT NAME _____	DATE _____
BAAQMD N # _____	DATA ENTRY <u>1/22/93</u>

BY Blg
(init.)

BY _____
(init.)

APPENDIX D

TANK RECYCLING CERTIFICATES

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 15402

CUSTOMER	
JOB NO.	10536

FOR: Erickson, Inc. TANK NO. 10536

LOCATION: Richmond DATE: 01/29/93 TIME: 11:02:04

TEST METHOD Visual Gastech/1314 SNEK 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 1000 Gallon Tank CONDITION

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

"ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN
PROPERLY PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED WAREHOUSE
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 than 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.

<u>KAH</u>		<u>DS</u>
REPRESENTATIVE	TITLE	INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard Richmond, California 94801

NO. 15403

CUSTOMER DENNANA
JOB NO. 86301

FOR: Erickson, Inc. TANK NO. 10537

LOCATION: Richmond DATE: 01/29/93 TIME: 11:02:04

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT LG

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 4000 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
NOT 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.

<u>[Signature]</u>		<u>[Signature]</u>
REPRESENTATIVE	TITLE	INSPECTOR

APPENDIX XI

**CERTIFIED LABORATORY REPORTS AND CHAIN OF CUSTODY'S
FOR CONFIRMATION SOIL SAMPLES COLLECTED FOR
GASOLINE IMPACTED SOIL EXCAVATION
BY AQUA SCIENCE ENGINEERS**



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 01, 1993

PEL # 9301045

AQUA SCIENCE ENGINEERS, INC.

Attn: Steve DeHope
Re: Eight soil samples for Gasoline/BTEX and Diesel analyses.

Project name: Tasco
Project location: 3430 Wood St., -Oakland
Project number: 2602

Date sampled: Jan 29, 1993
Date extracted: Jan 30-31, 1993

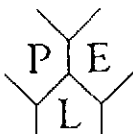
Date submitted: Jan 30, 1993
Date analyzed: Jan 30-31, 1993

RESULTS:

SAMPLE I.D.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
E-1	19	N.D.	31	88	160	280
E-2	5.4	N.D.	5.5	15	21	61
N	3.3	N.D.	5.0	13	18	48
S-1	13	N.D.	9.1	22	37	89
S-2	10	N.D.	6.2	16	17	84
W	1.8	N.D.	N.D.	6.2	12	24
STKP-E*	510	28	180	250	480	1900
STKP-W*	280	N.D.	90	160	320	990
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	101.8%	91.6%	98.3%	103.2%	94.6%	105.7%
Duplicate Spiked Recovery	97.6%	92.2%	90.4%	94.2%	89.5%	97.0%
Detection limit	1.0	1.0	5.0	5.0	5.0	5.0
Method of Analysis	5030 / 8015	3550 / 8015	8020	8020	8020	8020

* Compositated soil samples.

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 02, 1993

PEL # 9301045

AQUA SCIENCE ENGINEERS, INC.

Attn: Steve DeHope

Re: Eight soil samples for total Lead analysis.

Project name: Tasco

Project location: 3430 Wood St., - Oakland

Project number: 2602

Date sampled: Jan 29, 1993

Date extracted: Feb 01-02, 1993

Date submitted: Jan 30, 1992

Date analyzed: Feb 01-02, 1993

RESULTS:

SAMPLE I.D.	Lead (mg/Kg)
----------------	-----------------

E-1	15
E-2	14
N	15
S-1	10
S-2	9.8
W	14
STKP-E*	140
STKP-W*	75

Blank	N.D.
-------	------

Detection limit	1.0
--------------------	-----

Method of Analysis	7420
-----------------------	------

* Compositated soil samples.

David Duong
Laboratory Director

Aqua Science Engineers, Inc.
 2411 Old Crow Canyon Road, #4,
 San Ramon, CA 94583
 (510) 820-9391 - FAX (510) 837-4853

Chain of

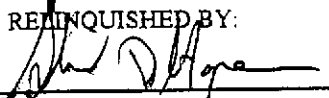
TEL # 9307015

INV # 23345

DATE 1-30-93 PAGE 1 OF 1

SAMPLERS (SIGNATURE)	(PHONE NO.)	PROJECT NAME <u>TASCO</u>	NO. <u>2602</u>
		ADDRESS <u>3430 Wood St.</u>	

ANALYSIS REQUEST					TPH GASOLINE (EPA 5030/8015)	TPH GASOLINE/BTEX (EPA 5030/8015-8020)	TPH DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NEUTRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 EEF OF B&F)	LUFT METALS (5) (EPA 6010+7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLEP (EPA 1311/1310)	SILC- CAM WET (EPA 1311/1310)	REACTIVITY CORROSIIVITY IGNITABILITY	TL			
SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES																	
STKP E	1-29		S	4		X	X											X			
STKP W	1-29		S	4		X	X											X			
S-1	1-29		S	1		X	X											X			
S-2	1-29		S	1		X	X											X			
E-1	1-29		S	1		X	X											X			
E-2	1-29		S	1		X	X											X			
N	1-29		S	1		X	X											X			
W	1-29		S	1		X	X											X			

RELINQUISHED BY: 	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY LABORATORY:	COMMENTS:
(signature)	(signature)	(signature)	(signature)	
(time)	(time)	(time)	8:00 AM	
STEVE DeHope			DAVID DUONG	
(printed name)	(printed name)	(printed name)	01/30/93	
(date)	(date)	(date)		
Company- A.S.E.	Company-	Company-	Company- PEL	

APPENDIX XII

**CERTIFIED LABORATORY REPORTS AND CHAIN OF CUSTODY'S
FOR SOIL SAMPLES COLLECTED FROM BORINGS
TSB-1 THROUGH TSB-6, W-2 AND W-3 BY AQUA SCIENCE ENGINEERS**



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 07, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Re: Twenty two soil samples for Gasoline/BTEX, Diesel, and total Recoverable Hydrocarbons analyses.

Project name: Thomas Short Company
Project number: 2602

Project location: 3430 Wood St.-Oakland

Date sampled: Feb 03, 1993

Date submitted: Feb 04, 1993

Date extracted: Feb 04-06, 1993

Date analyzed: Feb 04-06, 1993

RESULTS:

SAMPLE I.D.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)	Total Recoverable Hydrocarbons (mg/Kg)
W-2, 2.5'	---	---	---	---	---	---	480
W-2, 5'	---	---	---	---	---	---	53
W-2, 7.5'	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
W-2, 10'	---	---	---	---	---	---	39
W-2, 13'	---	---	---	---	---	---	48
TSB-1, 2.5'	---	---	---	---	---	---	2400
TSB-1, 5'	---	---	---	---	---	---	680
TSB-1, 7.5'	---	---	---	---	---	---	280
TSB-1, 10'	---	---	---	---	---	---	N.D.
TSB-1, 13'	---	---	---	---	---	---	N.D.
TSB-2, 2.5'	---	---	---	---	---	---	230
TSB-2, 5'	---	---	---	---	---	---	N.D.
TSB-2, 7.5'	---	---	---	---	---	---	N.D.
TSB-2, 10'	---	---	---	---	---	---	N.D.
TSB-2, 13'	---	---	---	---	---	---	N.D.
TSB-3, 2.5'	---	---	---	---	---	---	28
TSB-3, 5'	---	---	---	---	---	---	N.D.
TSB-4, 2.5'	---	---	---	---	---	---	18
TSB-4, 5'	---	---	---	---	---	---	3200
TSB-5, 2.5'	---	---	---	---	---	---	67
TSB-5, 5'	---	---	---	---	---	---	1400
TSB-6, 2.5'	---	---	---	---	---	---	510
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked							
Recovery	92.1%	94.3%	88.6%	90.2%	94.5%	91.2%	---
Duplicate							
Spiked							
Recovery	89.8%	91.4%	91.0%	87.2%	92.0%	89.8%	---
Detection							
limit	1.0	1.0	5.0	5.0	5.0	5.0	10
Method of	5030 /	3550 /					
Analysis	8015	8015	8020	8020	8020	8020	418.1

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: W-2, 2.5'

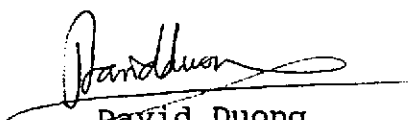
Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	73	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	17	-----
1,2-Dichlorobenzene	37	-----


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: W-2,7.5'

Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: W-2, 13'

Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-1,2.5'

Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	83	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	64	-----
Chloroform	100	88.5
1,1,1-Trichloroethane	130	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	12	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	81	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	6.0	-----
1,2-Dichlorobenzene	23	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-1,7.5'

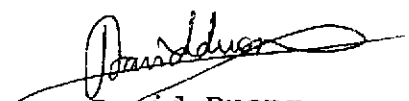
Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	61	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-1,13'

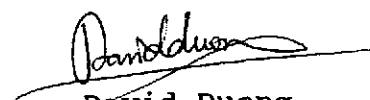
Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	97	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-2, 2.5'

Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	13	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	5.3	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-2, 7.5'

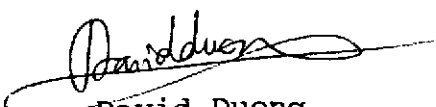
Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	23	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-2,13'

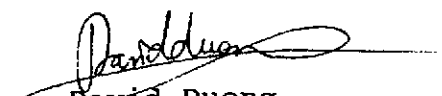
Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	23	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-3, 2.5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-07, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	19	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-3,5'

Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	21	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-4, 2.5'

Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	7.6	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-4,5'

Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	38	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	7.4	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	180	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-5, 2.5'

Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

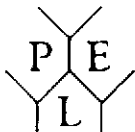
Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	13	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602

Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-5,5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-07, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	9.9	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St. -Oakland

Sample I.D.: TSB-6, 2.5'

Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-07, 1993

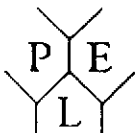
Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	92.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	12	-----
Methylene Chloride	N.D.	94.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	88.5
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	81.2
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	95.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	101.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	12	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: W-2, 2.5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	N.D.	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: W-2,13'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	N.D.	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-1,2.5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	6.6	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-1,7.5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	7.4	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company Project number: 2602
Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-1,13'


Date Sampled: Feb 03, 1993
Date Analyzed: Feb 04-06, 1993

Date Submitted: Feb 04, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	N.D.	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-2,2.5'

Date Sampled: Feb 03, 1993

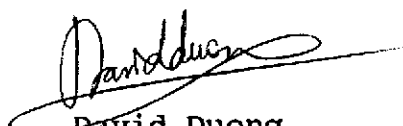
Date Submitted: Feb 04, 1993

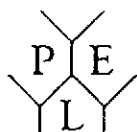
Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	5.7	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-2,7.5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	12	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-2,13'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	N.D.	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-3,2.5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	N.D.	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-3,5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

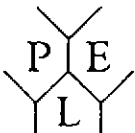
Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	11	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-4,2.5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	13	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-4,5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	9.2	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-5,2.5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	13	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-5,5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	14	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 08, 1993

PEL # 9302006

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project Name: Thomas Short Company

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: TSB-6,2.5'

Date Sampled: Feb 03, 1993

Date Submitted: Feb 04, 1993

Date Analyzed: Feb 04-06, 1993

Method of Analysis: EPA 8020

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Benzene	N.D.	88.6
Toluene	N.D.	90.2
Chlorobenzene	N.D.	83.1
Ethyl Benzene	N.D.	94.5
Total Xylenes	N.D.	91.2
1,4 - Dichlorobenzene	N.D.	102.9
1,3 - Dichlorobenzene	N.D.	98.4
1,2 - Dichlorobenzene	N.D.	96.0

David Duong
Laboratory Director



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

RECEIVED

FEB 23 1993

AQUA SCIENCE ENG.

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

LABORATORY NO.: 87770-1
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-1,2.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	4	1
Barium	(Ba)	280	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	3	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	47	5
Copper	(Cu)	180	10
Mercury	(Hg)	0.24	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	37	10
Lead	(Pb)	420	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	22	10
Zinc	(Zn)	1000	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <=5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87770-2
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-1,7.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Element		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	2	1
Barium	(Ba)	46	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	41	5
Copper	(Cu)	21	10
Mercury	(Hg)	ND	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	29	10
Lead	(Pb)	5	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	33	10
Zinc	(Zn)	49	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87770-3
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-1,13'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	3	1
Barium	(Ba)	76	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	23	5
Copper	(Cu)	12	10
Mercury	(Hg)	0.06	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	47	10
Lead	(Pb)	ND	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	18	10
Zinc	(Zn)	30	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

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

LABORATORY NO.: 87770-4
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-2,2.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Element		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	3	1
Barium	(Ba)	180	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	1	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	28	5
Copper	(Cu)	88	10
Mercury	(Hg)	0.16	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	35	10
Lead	(Pb)	220	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	20	10
Zinc	(Zn)	450	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.
Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87770-5
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-2,7.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Elements		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	2	1
Barium	(Ba)	21	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	42	5
Copper	(Cu)	16	10
Mercury	(Hg)	ND	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	36	10
Lead	(Pb)	ND	5
Antimony	(Sb)	6	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	30	10
Zinc	(Zn)	48	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

G. Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87770-6
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-2,13'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Element		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	ND	1
Barium	(Ba)	61	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	14	5
Copper	(Cu)	12	10
Mercury	(Hg)	0.06	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	40	10
Lead	(Pb)	ND	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	15	10
Zinc	(Zn)	24	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87770-7
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-3,2.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	2	1
Barium	(Ba)	37	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	7	5
Copper	(Cu)	ND	10
Mercury	(Hg)	ND	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	ND	10
Lead	(Pb)	ND	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	12	10
Zinc	(Zn)	ND	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

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

LABORATORY NO.: 87770-8
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-3,5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS
Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound	Results (mg/Kg)	Detection Limit (mg/Kg)
Silver (Ag)	ND	5
Arsenic (As)	ND	1
Barium (Ba)	170	5
Beryllium (Be)	ND	0.5
Cadmium (Cd)	ND	1
Cobalt (Co)	10	10
Chromium (Cr)	20	5
Copper (Cu)	14	10
Mercury (Hg)	ND	0.05
Molybdenum (Mo)	ND	10
Nickel (Ni)	15	10
Lead (Pb)	8	5
Antimony (Sb)	ND	5
Selenium (Se)	ND	1
Thallium (Tl)	ND	5
Vanadium (V)	33	10
Zinc (Zn)	24	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.
Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

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

LABORATORY NO.: 87770-9
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-4,2.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	1	1
Barium	(Ba)	65	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	30	5
Copper	(Cu)	ND	10
Mercury	(Hg)	ND	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	27	10
Lead	(Pb)	ND	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	22	10
Zinc	(Zn)	27	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

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

LABORATORY NO.: 87770-10
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-4,5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	1	1
Barium	(Ba)	40	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	11	5
Copper	(Cu)	ND	10
Mercury	(Hg)	0.19	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	15	10
Lead	(Pb)	31	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	13	10
Zinc	(Zn)	95	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87770-11
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-5,2.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound	Results (mg/Kg)	Detection Limit (mg/Kg)
Silver (Ag)	ND	5
Arsenic (As)	3	1
Barium (Ba)	160	5
Beryllium (Be)	ND	0.5
Cadmium (Cd)	ND	1
Cobalt (Co)	10	10
Chromium (Cr)	34	5
Copper (Cu)	43	10
Mercury (Hg)	0.20	0.05
Molybdenum (Mo)	ND	10
Nickel (Ni)	45	10
Lead (Pb)	220	5
Antimony (Sb)	ND	5
Selenium (Se)	ND	1
Thallium (Tl)	ND	5
Vanadium (V)	29	10
Zinc (Zn)	220	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.
Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

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

LABORATORY NO.: 87770-12
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-5,5.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Compound		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	3	1
Barium	(Ba)	22	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	ND	5
Copper	(Cu)	47	10
Mercury	(Hg)	0.14	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	13	10
Lead	(Pb)	29	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	ND	10
Zinc	(Zn)	62	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

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

LABORATORY NO.: 87770-13
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: TSB-6,2.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Element		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	9	1
Barium	(Ba)	1600	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	3	1
Cobalt	(Co)	10	10
Chromium	(Cr)	29	5
Copper	(Cu)	320	10
Mercury	(Hg)	0.41	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	30	10
Lead	(Pb)	250	5
Antimony	(Sb)	15	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	29	10
Zinc	(Zn)	4800	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

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

LABORATORY NO.: 87770-14
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: W-2,2.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Element		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	2	1
Barium	(Ba)	160	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	34	5
Copper	(Cu)	29	10
Mercury	(Hg)	0.12	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	47	10
Lead	(Pb)	63	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	34	10
Zinc	(Zn)	93	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.
Nancy H. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87770-15
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: W-2,7.5'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Element		Results (mg/Kg)	Detection Limit (mg/Kg)
Silver	(Ag)	ND	5
Arsenic	(As)	2	1
Barium	(Ba)	19	5
Beryllium	(Be)	ND	0.5
Cadmium	(Cd)	ND	1
Cobalt	(Co)	ND	10
Chromium	(Cr)	35	5
Copper	(Cu)	14	10
Mercury	(Hg)	ND	0.05
Molybdenum	(Mo)	ND	10
Nickel	(Ni)	32	10
Lead	(Pb)	ND	5
Antimony	(Sb)	ND	5
Selenium	(Se)	ND	1
Thallium	(Tl)	ND	5
Vanadium	(V)	24	10
Zinc	(Zn)	42	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson for
Laboratory Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 87770-16
CLIENT: PRIORITY ENVIRONMENTAL LABS
CLIENT JOB NO.: 9302006
CLIENT SAMPLE ID: W-2,13'

DATE RECEIVED: 02/05/93
DATE REPORTED: 02/16/93
DATE SAMPLED: 02/03/93

CAM 17 METALS

Methods: EPA SW 846 6000 & 7000 Series
California Administrative Code Title 22

Elements	Results (mg/Kg)	Detection Limit (mg/Kg)
Silver (Ag)	ND	5
Arsenic (As)	2	1
Barium (Ba)	61	5
Beryllium (Be)	ND	0.5
Cadmium (Cd)	ND	1
Cobalt (Co)	ND	10
Chromium (Cr)	17	5
Copper (Cu)	13	10
Mercury (Hg)	ND	0.05
Molybdenum (Mo)	ND	10
Nickel (Ni)	25	10
Lead (Pb)	ND	5
Antimony (Sb)	ND	5
Selenium (Se)	ND	1
Thallium (Tl)	ND	5
Vanadium (V)	30	10
Zinc (Zn)	ND	20

mg/kg - parts per million (ppm)

QAQC Summary: Spike Recovery Range: 83-106%
Duplicate RPD <= 5%

Richard Srna, Ph.D.

Nancy A. Nelson
Laboratory Manager



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 22, 1993

PEL # 9302041

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Re: Three soil samples for STLC Copper and STLC Lead analyses.

Project name: Thomas Short Company

Project location: 3430 Wood St. - Oakland

Project number: 2602

Date sampled: Feb 03, 1993

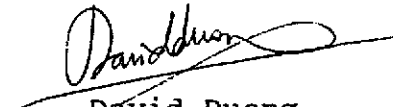
Date submitted: Feb 04, 1992

Date extracted: Feb 17-19, 1993

Date analyzed: Feb 22, 1993

RESULTS:

SAMPLE I.D.	STLC Copper (mg/L)	STLC Lead (mg/L)
TSB-1, 2.5'	---	1.1
TSB-5, 2.5'	---	1.4
TSB-6, 2.5'	0.6	1.2
Blank	N.D.	N.D.
Detection limit	0.5	0.5
Method of Analysis	1310 / 7210	1310 / 7420


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 03, 1993

PEL # 9302041

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen
Re: One soil sample for STLC Zinc analysis.

Project name: Tasco
Project location: 3430 Wood St., - Oakland
Project number: 2602

Date sampled: Feb 17, 1993
Date extracted: Mar 01-03, 1993

Date submitted: Feb 17, 1992
Date analyzed: Mar 03, 1993

RESULTS:

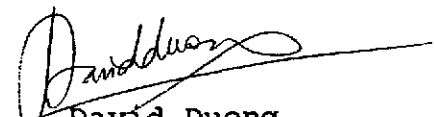
SAMPLE I.D.	STLC Zinc (mg/L)
----------------	---------------------

TSB-6, 2.5'	7.5
-------------	-----

Blank	N.D.
-------	------

Detection limit	1.0
--------------------	-----

Method of Analysis	1310 / 7950
-----------------------	----------------


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 14, 1993

PEL # 9310042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Re: Two water and two soil samples for pH, Gasoline/BTEX, Diesel, Total Recoverable Hydrocarbons, and Conductivity analyses.

Project name: Tasco

Project number: 2602

Project location: 3430 Wood St., - Oakland

Date sampled: Oct 08-12, 1993

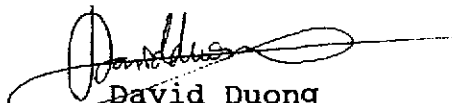
Date submitted: Oct 13, 1993

Date extracted: Oct 13-14, 1993

Date analyzed: Oct 13-14, 1993

RESULTS:

SAMPLE I.D.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)	Total Recoverable Hydrocarbons (mg/Kg)
W-3, 6.0'	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	22
W-3, 11.0'	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	16
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	93.2%	89.7%	94.1%	95.6%	90.9%	99.7%	---
Detection limit	1.0	1.0	5.0	5.0	5.0	5.0	10
Method of Analysis	5030/ 8015	3550 / 8015	8020	8020	8020	8020	418.1


 David Duong
 Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 14, 1993

PEL #: 9310042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name : Tasco
Project location: 3430 Wood St., - Oakland

Project number: 2602

Sample I.D.: W-3,6.0'

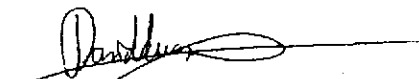
Date Sampled: Oct 08, 1993
Date Analyzed: Oct 13-14, 1993

Date Submitted: Oct 13, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	81.2
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	93.5
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	87.6
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	84.1
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	102.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 14, 1993

PEL #: 9310042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name : Tasco
Project location: 3430 Wood St., - Oakland

Project number: 2602

Sample I.D.: W-3,11.0'

Date Sampled: Oct 08, 1993
Date Analyzed: Oct 13-14, 1993

Date Submitted: Oct 13, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
---------------	----------------------------	-------------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	81.2
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	93.5
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	87.6
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	84.1
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	102.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong

Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 22, 1993

PEL # 9310042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Tasco

Project location: 3430 Wood St., - Oakland, CA.

Analysis : TTLC CAM 17 metals

Sample I.D.: W-3,6.0'

Date Sampled: Oct 08, 1993

Date Submitted: Oct 13, 1993

Date Analyzed: Oct 14-22, 1993

Method of Analysis: 6010

CODE	METAL	CONCENTRATION (mg/Kg)	DETECTION LIMIT (mg/Kg)
Ag	Silver	N.D.	0.05
As	Arsenic	1.9	0.01
Ba	Barium	60	0.05
Be	Beryllium	N.D.	0.01
Cd	Cadmium	N.D.	0.01
Co	Cobalt	7.0	0.05
Cr	Chromium	42	0.05
Cu	Copper	8.1	0.05
Hg	Mercury	N.D.	0.002
Mo	Molybdenum	N.D.	0.05
Ni	Nickel	36	0.05
Pb	Lead	N.D.	0.10
Sb	Antimony	N.D.	0.10
Se	Selenium	N.D.	0.01
Tl	Thallium	N.D.	0.20
V	Vanadium	30	0.05
Zn	Zinc	24	0.05

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 22, 1993

PEL # 9310042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Tasco

Project location: 3430 Wood St., - Oakland, CA.

Analysis : TTLC CAM 17 metals

Sample I.D.: W-3,11.0'

Date Sampled: Oct 08, 1993

Date Submitted: Oct 13, 1993

Date Analyzed: Oct 14-22, 1993

Method of Analysis: 6010

CODE	METAL	CONCENTRATION (mg/Kg)	DETECTION LIMIT (mg/Kg)
Ag	Silver	N.D.	0.05
As	Arsenic	1.1	0.01
Ba	Barium	53	0.05
Be	Beryllium	N.D.	0.01
Cd	Cadmium	N.D.	0.01
Co	Cobalt	8.0	0.05
Cr	Chromium	38	0.05
Cu	Copper	8.7	0.05
Hg	Mercury	N.D.	0.002
Mo	Molybdenum	N.D.	0.05
Ni	Nickel	31	0.05
Pb	Lead	N.D.	0.10
Sb	Antimony	N.D.	0.10
Se	Selenium	N.D.	0.01
Tl	Thallium	N.D.	0.20
V	Vanadium	32	0.05
Zn	Zinc	21	0.05

David Duong
Laboratory Director

Aqua Science Engineers, inc.
 2411 Old Crow Canyon Road #4,
 San Ramon, CA 94583
 (510) 820-9391 - FAX (510) 837-4853

Chain of Cu

PEL # 9302005 (1 of 3)

INV # 23351

DATE 2/3/93 PAGE 1 OF 3

SAMPLERS (SIGNATURE) (PHONE NO.)

Min M. Manulle R.G. #5339

PROJECT NAME Thomas Short Company NO. 2602

ADDRESS 3430 Ward Street, Oakland, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH- GASOLINE (EPA 5030/8015)	TPH- GASOLINE/BTEX (EPA 5030/8015-8020)	TPH- DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NEUTRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 B&F OF B&F)	LUFT METALS (5) (EPA 6010+7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLP (EPA 1311/1310)	STLC- CAM WET (EPA 1311/1310)	REACTIVITY CORROSIVITY IGNITABILITY	EPA 418-1			
W-2, 2.5'	2/3	11:35	Soil	1				X	X					X				X			
W-2, 5'		11:40		1														X			
W-2, 7.5'		11:45		1		X	X		X					X				X			
W-2, 10'		11:55		1														X			
W-2, 13'		12:05		1				X	X					X				X			
TSB-1, 2.5'		10:30		1				X	X					X				X			
TSB-1, 5'		10:40		1														X			
TSB-1, 7.5'		10:45		1				X	X					X				X			
TSB-1, 10'		10:50		1														X			
TSB-1, 13'		11:00		1				X	X					X				X			

RELINQUISHED BY: <i>David Allen</i> (signature)	RECEIVED BY: (signature)	RELINQUISHED BY: (signature)	RECEIVED BY LABORATORY: <i>David Duong</i> (signature)	COMMENTS:
(time) <i>4pm</i>	(time)	(time)	(time) <i>4:05 PM</i>	
DAVID ALLEN <i>2/1/93</i> (printed name) (date)			DAVID DUONG <i>02/04/93</i> (printed name) (date)	
Company- <i>ASE</i>	Company-	Company-	Company- <i>PEL</i>	

Aqua Science Engineers, Inc.
 2411 Old Crow Canyon Road, #4,
 San Ramon, CA 94583
 (510) 820-9391 - FAX (510) 837-4853

Chain of Custody

PEL # 9302041

INV # 23386

DATE 2/17/93 PAGE 1 OF 1

SAMPLERS (SIGNATURE)

(PHONE NO.)

PROJECT NAME TASCO

NO. 2602

D. Allen

820-9391

ADDRESS 3430 WOOD ST., OAKLAND

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-GASOLINE (EPA 5030/8015)	TPH-GASOLINE/STEX (EPA 5030/8015-8020)	TPH-DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONES (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NEUTRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 BAF OX BAF)	LUFT METALS (5) (EPA 6010+7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLP (EPA 1311/1310)	STLC-CAM WET (EPA 1311/1310)	REACTIVITY CORROSIVITY IGNITABILITY	STLC		
																		COPPER	LEAD	
TSB-6, 2.5'	2/17		SOIL	1															X	
TSB-1, 2.5'	↓		↓	↓																X
TSB-5, 2.5'	↓		↓	↓																X

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY LABORATORY:

COMMENTS:

D. Allen 10 am

(signature) (time)

(signature) (time)

(signature) (time)

David Duong 10:00 AM

(signature) (time)

REGULAR
TURNAROUND
TIMES

DAVID ALLEN 2/17/93

(printed name) (date)

(printed name) (date)

(printed name) (date)

DAVID DUONG 2/17/93

(printed name) (date)

Company: ASE

Company:

Company:

Company: PEL

Chain of Custody

INV # 23386 & 23422

Aqua Science Engineers, Inc.
2411 Old Crow Canyon Road, #4,
San Ramon, CA 94583
(510) 820-9391 - FAX (510) 837-4853

DATE 2/17/93 PAGE 1 OF 1

SAMPLERS (SIGNATURE) D. Allen
(PHONE NO.) 820-9391

PROJECT NAME TASCO NO. 2602
ADDRESS 3430 WOOD ST., OAKLAND

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH- GASOLINE (EPA 5030/8015)	TPH- GASOLINE/BTEX (EPA 5030/8015-8020)	TPH- DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NEUTRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 B&F OR B&F)	LUFT METALS (5) (EPA 6010+7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLP (EPA 1311/1310)	STLC- CAM MET (EPA 1311/1310)	REACTIVITY CORROSIIVITY ICMITABILITY	STLC COPPER LEAD	STLC LEAD	STLC Zinc
TSB-6, 2.5'	2/17		SOIL	1														X		
TSB-1, 2.5'	↓		↓	↓															X	
TSB-5, 2.5'	↓		↓	↓															X	

9302006

RELINQUISHED BY: <u>D. Allen</u> 10 am (signature) (time)	RECEIVED BY: <u>DAVID DUONG</u> 2/17/93 (signature) (time)	RELINQUISHED BY: <u>DAVID DUONG</u> (signature)	RECEIVED BY LABORATORY: <u>DAVID DUONG</u> 10:00 AM (signature) (time)	COMMENTS: per David Allen on 03/01/93 REGULAR TURNAROUND TIME at 11:40 AM
<u>DAVID ALLEN</u> 2/17/93 (printed name) (date)	<u>DAVID DUONG</u> (printed name) (date)	<u>DAVID DUONG</u> (printed name) (date)	<u>DAVID DUONG</u> 2/17/93 (printed name) (date)	
Company: <u>ASE</u>	Company:	Company:	Company: <u>PEL</u>	

Aqua Science Engineers, Inc.
 2411 Old Crow Canyon Road, #4,
 San Ramon, CA 94583
 (510) 820-9391 - FAX (510) 837-4853

Cha PEL # 9310042 (1of 2)
 INV # 24097

tody
 DATE 10/8/93 PAGE 1 OF 1

SAMPLERS (SIGNATURE)

O. Allen

(PHONE NO.)

820-9391

PROJECT NAME TASCO

NO. 2602

ADDRESS 3430 WOOD STREET OAKLAND

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH- GASOLINE (EPA 5030/8015)	TPH- GASOLINE/BTEX (EPA 5030/8015-8020)	TPH- DIESEL (EPA 3510/8015)	PURCABLE AROMATICS (EPA 602/C:20)	PURCABLE HALOCARBOHS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NEUTRALS, ACIDS (EPA 625/6270)	OIL & GREASE (EPA 5520 EKF or B&F)	LIPT METALS (5) (EPA 6010*7000)	TITLE 22 (CAM 17) (EPA 6010*7000)	TCLP (EPA 1311/1310)	STLC- CAM WET (EPA 1311/1310)	REACTIVITY CORROSIIVITY IGNITABILITY					
					W-3,6.0'	10/8	10:10	SOIL	1		X	X		X					X			
W-3,11.0'	"	10:35	SOIL	1		X	X		X					X				X				

RELINQUISHED BY: <i>O. Allen</i> (signature)	RECEIVED BY: (signature)	RELINQUISHED BY: (signature)	RECEIVED BY LABORATORY: <i>David Duce</i> (signature)	COMMENTS:
(time)	(time)	(time)	8:50 AM (time)	
DAVID ALLEN (printed name)	10/13/93 (date)		DAVID DUCHE (printed name)	
			10/13/93 (date)	
Company- ASE	Company-	Company-	Company- PEL	

APPENDIX XIII

**WELL SAMPLING REPORTS
PREPARED BY AQUA SCIENCE ENGINEERS**



WELL SAMPLING FIELD LOG

Aqua Science Engineers, Inc. San Ramon, CA 94583

Project Name: TASCO

Project Address: 3430 WOOD STREET, OAKLAND

Job # 2602 Date of sampling: 2/12/93

Completed by: D. ALLEN

Well Number / Designation: MW-1

Top of casing elevation: N/A

Total depth of well casing: 20' Well diameter: 2"

Depth to water (before sampling): 9.44

Thickness of floating product if any: NONE

Depth of well casing in water: 10.56

Req'd volume of groundwater to be purged before sampling: 8 Gal.

Approximate volume of groundwater purged: 12 gallons

Type of seal at grade: PORTLAND CEMENT

Type of cap on the casing: EXPANDABLE, LOCKING

Is the seal water tight? YES Is the cap water tight? YES

Number of samples (containers) collected 2 40 ML. VOA's

Did 40 ml VOA vials have headspace: NO

Were sample containers chilled after sampling & for delivery ? YES

Are Chain of Custody documents accompanying the samples: YES

Sample temperature: 19° C

Sample pH: _____ Test method: _____

Physical description of water during initial bailing period:

Turbid, gray, minor petroleum odor.

Physical description of water sample: Clear

Type of analysis requested: TPH Gas/BTEX

TPH Diesel

pH

Conductivity

Type of bailer/sampling equipment used: PVC Bailer, Disposable Bailer

Equipment decontamination procedures: TSP Wash, Tap Water Rinse.

Disposition of bailed water volume:

Drummed on site.



WELL SAMPLING FIELD LOG

Aqua Science Engineers, Inc, San Ramon, CA 94583

Project Name: TASCO

Project Address: 3430 WOOD STREET, OAKLAND

Job # 2602 Date of sampling: 2/12/93

Completed by: D. ALLEN

Well Number / Designation: MW-2

Top of casing elevation: N/A

Total depth of well casing: 20' Well diameter: 2"

Depth to water (before sampling): 8.81

Thickness of floating product if any: NONE

Depth of well casing in water: 11.19'

Req'd volume of groundwater to be purged before sampling: _____

Approximate volume of groundwater purged: 25 gallons

Type of seal at grade: PORTLAND CEMENT

Type of cap on the casing: EXPANDABLE, LOCKING

Is the seal water tight? YES Is the cap water tight? YES

Number of samples (containers) collected 20, 40 ML VOA, (1) Liter Bottle

Did 40 ml VOA vials have headspace: NO

Were sample containers chilled after sampling & for delivery ? YES

Are Chain of Custody documents accompanying the samples: YES

Sample temperature: 19° C

Sample pH: _____ Test method: _____

Physical description of water during initial bailing period:

Turbid, brown-gray, no odor.

Physical description of water sample: Clear, No odor

Type of analysis requested: 601

602

418.1

pH

Conductivity

Type of bailer/sampling equipment used: PVC Bailer, Disposable Bailer

Equipment decontamination procedures: TSP Wash, Tap Water Rinse

Disposition of bailed water volume:

Drummed on site.



WELL SAMPLING FIELD LOG

Aqua Science Engineers, Inc. San Ramon, CA 94583

Project Name: TASCO
Project Address: 3430 WOOD STREET OAKLAND
Job # 2602 Date of sampling: 10-12-93
Completed by: DA
Well Number / Designation: W-1
Top of casing elevation: 15.01
Total depth of well casing: 20.34' Well diameter: 2"
Depth to water (before sampling): 13.13'
Thickness of floating product if any: 0
Depth of well casing in water: 7.21'
Req'd volume of groundwater to be purged before sampling: 6 gallons
Approximate volume of groundwater purged: 6 gallons
Type of seal at grade: Portland cement
Type of cap on the casing: locking, expandable
Is the seal water tight? Yes Is the cap water tight? Yes
Number of samples (containers) collected 4
Did 40 ml VOA vials have headspace: No
Were sample containers chilled after sampling & for delivery? Yes
Are Chain of Custody documents accompanying the samples: Yes
Sample temperature: 62.3°
Sample pH: 6.6 Test method: 9045
Conductivity: 6200 Test method: 120.1
Physical description of water during initial bailing period:
Clear
Physical description of water sample: Clear
Type of analysis requested: TPH-G
TPH-D
BTEX
pH
conductivity
Type of bailer/sampling equipment used: PVC electric pump +
new disposable bailer
Equipment decontamination procedures: TSP + H₂O wash, double
Tap H₂O rinse
Disposition of bailed water volume:
dumped on-site



WELL SAMPLING FIELD LOG

Aqua Science Engineers, Inc., San Ramon, CA 94583

Project Name: ASC

Project Address: 3430 WOOD STREET OAKLAND

Job # 2602 Date of sampling: 10/12/93

Completed by: DA

Well Number / Designation: w-2

Top of casing elevation: 14.93'

Total depth of well casing: 19.74' Well diameter: 2"

Depth to water (before sampling): 12.16'

Thickness of floating product if any: 0

Depth of well casing in water: 7.58'

Req'd volume of groundwater to be purged before sampling: 6.4 gallons

Approximate volume of groundwater purged: 7 gallons

Type of seal at grade: Portland cement

Type of cap on the casing: locking, expandable

Is the seal water tight? Yes Is the cap water tight? Yes

Number of samples (containers) collected 8

Did 40 ml VOA vials have headspace: No

Were sample containers chilled after sampling & for delivery? Yes

Are Chain of Custody documents accompanying the samples: Yes

Sample temperature: 63°

Sample pH: 7.0 Test method: 9045

Conductivity: 6600 Test method: 120.1

Physical description of water during initial bailing period:

clear

Physical description of water sample: clear

Type of analysis requested: TPH-G/BTEX

TPH-D

8010

can 17 metals

418.1 pH, + Cond.

Type of bailer/sampling equipment used: PVC electric pump

New disposable bailer

Equipment decontamination procedures: TSP + H₂O wash, double

Tap H₂O rinse

Disposition of bailed water volume:

Drained on-site.



WELL SAMPLING FIELD LOG

Aqua Science Engineers, Inc. San Ramon, CA 94583

Project Name: TASCO
Project Address: 3430 WOOD STREET
Job # 2602 Date of sampling: 10-14-93
Completed by: DA/RK
Well Number / Designation: W-3
Top of casing elevation: 13.01
Total depth of well casing: 15.53' Well diameter: 2"
Depth to water (before sampling): 11.57'
Thickness of floating product if any: 0
Depth of well casing in water: 3.96'
Req'd volume of groundwater to be purged before sampling: 3.5 gallons
Approximate volume of groundwater purged: 3.5 gallons
Type of seal at grade: Portland Cement
Type of cap on the casing: locking, expandable
Is the seal water tight? Yes Is the cap water tight? Yes
Number of samples (containers) collected 8
Did 40 ml VOA vials have headspace: No
Were sample containers chilled after sampling & for delivery? Yes
Are Chain of Custody documents accompanying the samples: Yes
Sample temperature: 64.8°
Sample pH: 6.9 Test method: 9045
Conductivity: 1430 Test method: 120.1
Physical description of water during initial bailing period:
Clear
Physical description of water sample: Clear
Type of analysis requested: TPH-G/BTEX
TPH-D
SO10
COM 17 metals
418.1 pH + Cond.
Type of bailer/sampling equipment used: PVC electric pump
and new disposable bailer
Equipment decontamination procedures: TSP + H₂O wash, double
Top H₂O rinse.
Disposition of bailed water volume:
Drummed on-site.

APPENDIX XIV

**CERTIFIED LABORATORY REPORTS AND CHAIN OF CUSTODY'S
FOR GROUNDWATER SAMPLES COLLECTED FROM
WELLS W-1, W-2 AND W-3 BY AQUA SCIENCE ENGINEERS**



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 08, 1993

PEL # 9302039

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Re: Two water and two soil samples for pH, Gasoline/BTEX, Diesel, total Recoverable Hydrocarbons, and Conductivity analyses.

Project name: Tasco
Project location: 3430 Wood St., - Oakland
Project number: 2602

Date sampled: Feb 12, 1993
Date extracted: Feb 17-18, 1993

Date submitted: Feb 17, 1993
Date analyzed: Feb 17-18, 1993

RESULTS:

SAMPLE I.D.	pH	Gasoline (ug/L)	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	Total Oil & Grease (mg/L)	Conductivity uS
MW 1	6.7	4600	N.D.	15	16	22	64	---	14000
MW 2	6.7	---	---	---	---	---	---	8.1	1300
Detection Limit	0.2	50	50	0.5	0.5	0.5	0.5	0.5	10
Method of Analysis	9040	5030/ 8015	3510/ 8015	602	602	602	602	418.1	120.1

David Duong
Laboratory Director

RECEIVED

MAR 12 1993

AQUA SCIENCE ENG.



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 18, 1993

PEL #: 9302039

AQUA SCIENCE ENGINEERS, INC.
Project name: Tasco
Project location: 3430 Wood St., - Oakland

Attn: David Allen
Project number: 2602

Sample I.D.: MW-2

Date Sampled: Feb 12, 1993
Date Analyzed: Feb 17, 1993

Date Submitted: Feb 17, 1993

Method of Analysis: EPA 601

Detection limit: 0.5 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	87.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	1.1	-----
Methylene Chloride	N.D.	82.4
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	2.6	-----
Chloroform	0.9	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	90.6
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	-----
1,2-Dichloropropane	0.9	92.7
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	1.4	91.9
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 18, 1993

PEL # 9302039

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Tasco
Project location: 3430 Wood St. - Oakland
Project number: 2602

Sample I.D.: MW-2

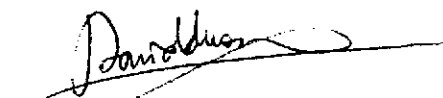
Date Sampled: Feb 12, 1993
Date Analyzed: Feb 17, 1993

Date Submitted: Feb 17, 1993

Method of Analysis: EPA 602

Detection limit: 0.5 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	SPIKE RECOVERY (%)
Benzene	N.D.	90.1
Toluene	N.D.	92.8
Chlorobenzene	N.D.	89.4
Ethyl Benzene	N.D.	86.0
Total Xylenes	N.D.	93.2
1,4 - Dichlorobenzene	N.D.	-----
1,3 - Dichlorobenzene	N.D.	102.5
1,2 - Dichlorobenzene	N.D.	-----


David Duong
Laboratory Director

Aqua Science Engineers, Inc.
 2411 Old Crow Canyon Road #4,
 San Ramon, CA 94583
 (510) 820-9391 - FAX (510) 837-4853

Chain of Custody

PEL # 9302039

INV # 23384

DATE 2/16/93 PAGE 1 OF 1

SAMPLERS (SIGNATURE)

(PHONE NO.)

PROJECT NAME TASCO

NO. 2602

David Allen

820-9391

ADDRESS 3430 WOOD ST. OAKLAND

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH-GASOLINE (EPA 5030/8015)	TPH-GASOLINE/BTEX (EPA 5030/8015-8020)	TPH-DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NEUTRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 B&F OF B&F)	LUFT METALS (5) (EPA 6010+7000)	TITLE 22 (CAM 17) (EPA 6010+7000)	TCLP (EPA 1311/1310)	STLC-CAM WET (EPA 1311/1310)	REACTIVITY	CORROSION	IGNITABILITY	EPA 418.1	PH, Conductivity	
					MW-1	2/12/93	3pm	H ₂ O			X	X										
MW-2	}	3pm	H ₂ O					X	X												X	X
B-1, 4'		1pm	SOIL	1		X																
B-2, 6'	↓	1pm	SOIL	1		X																

RELINQUISHED BY: <i>David Allen</i> (signature)	RECEIVED BY: (signature)	RELINQUISHED BY: (signature)	RECEIVED BY LABORATORY: <i>David Duong</i> (signature)	COMMENTS: REGULAR TURN AROUND TIMES
8:15am (time)	 (time)	 (time)	8:15 AM (time)	
DAVID ALLEN (printed name)	 (printed name)	 (printed name)	DAVID DUONG (printed name)	
2/17/93 (date)	 (date)	 (date)	2/17/93 (date)	
Company- ASE	Company-	Company-	Company- PEL	



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 14, 1993

PEL # 9310042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Re: Two water and two soil samples for pH, Gasoline/BTEX, Diesel, Total Recoverable Hydrocarbons, and Conductivity analyses.

Project name: Tasco

Project number: 2602

Project location: 3430 Wood St., - Oakland

Date sampled: Oct 08-12, 1993


Date submitted: Oct 13, 1993

Date extracted: Oct 13-14, 1993

Date analyzed: Oct 13-14, 1993

RESULTS:

SAMPLE I.D.	pH	Gasoline (ug/L)	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	Total Recoverable Hydrocarbons	Conductivity (uS)
								(mg/L)	
W-1	6.6	3700	N.D.	4.2	6.8	7.2	26	---	6200
W-2	7.0	320	N.D.	N.D.	0.6	0.7	2.2	N.D.	6600
Detection									
Limit	0.05	50	50	0.5	0.5	0.5	0.5	0.5	10
Method of Analysis	9045	5030/ 8015	3510 8015	602	602	602	602	418.1	120.1


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 14, 1993

PEL #: 9310042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Tasco

Project number: 2602

Project location: 3430 Wood St., - Oakland

Sample I.D.: W-2

Date Sampled: Oct 12, 1993

Date Submitted: Oct 13, 1993

Date Analyzed: Oct 13-14, 1993

Method of Analysis: EPA 601

Detection limit: 0.5 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	81.2
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	93.5
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	87.6
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	84.1
Trichloroethene	N.D.	-----
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	102.1
Dibromochloromethane	N.D.	-----
Chlorobenzene	2.4	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	19	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 22, 1993

PEL # 9310042

AQUA SCIENCE ENGINEERS, INC.

Attn: David Allen

Project name: Tasco

Project location: 3430 Wood St., - Oakland, CA.

Analysis : TTLC CAM 17 metals

Sample I.D.: W-2

Date Sampled: Oct 12, 1993

Date Submitted: Oct 13, 1993

Date Analyzed: Oct 14-22, 1993

Method of Analysis: 6010

CODE	METAL	CONCENTRATION (mg/L)	DETECTION LIMIT (mg/L)
Ag	Silver	N.D.	0.05
As	Arsenic	N.D.	0.01
Ba	Barium	0.15	0.05
Be	Beryllium	N.D.	0.01
Cd	Cadmium	N.D.	0.01
Co	Cobalt	N.D.	0.05
Cr	Chromium	N.D.	0.05
Cu	Copper	N.D.	0.05
Hg	Mercury	N.D.	0.002
Mo	Molybdenum	N.D.	0.05
Ni	Nickel	N.D.	0.05
Pb	Lead	N.D.	0.10
Sb	Antimony	N.D.	0.10
Se	Selenium	N.D.	0.01
Tl	Thallium	N.D.	0.20
V	Vanadium	N.D.	0.05
Zn	Zinc	N.D.	0.05

David Duong
Laboratory Director

Aqua Science Engineers, Inc.
 2411 Old Crow Canyon Road, #4,
 San Ramon, CA 94583
 (510) 820-9391 - FAX (510) 837-4853

Cha PEL # 9310042 (2 of 2)
 INV # 24097

tody

DATE 10/12/93 PAGE 1 OF 1

SAMPLERS (SIGNATURE)

D. Allen

(PHONE NO.)

820-9391

PROJECT NAME TASCO

NO. 2602

ADDRESS 3430 WOOD ST. OAKLAND

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH- GASOLINE (EPA 5030/8015)	TPH- GASOLINE/BTEX (EPA 5030/8015-8020)	TPH- DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8020)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NUTRIENTS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 ERF OF BAF)	LUFT METALS (5) (EPA 6010-7000)	TITLE 22 (CAM 17) (EPA 6010-7000)	TCLP (EPA 1311/1310)	STC- CAM WET (EPA 1311/1310)	REACTIVITY	CORROSION	STABILITY	pH	Conductivity	4-18.1
W-2	10/12	14:00	H ₂ O	8		X	X		X					X						X	X	X

RELINQUISHED BY
D. Allen
 (signature) (time)
 DAVID ALLEN 10/13/93
 (printed name) (date)
 Company- ASE, Inc.

RECEIVED BY:
 (signature) (time)
 (printed name) (date)
 Company-

RELINQUISHED BY:
 (signature) (time)
 (printed name) (date)
 Company-

RECEIVED BY LABORATORY:
David Duong 8:00 am
 (signature) (time)
 DAVID DUONG 10/13/93
 (printed name) (date)
 Company- PEL

COMMENTS:



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 19, 1993

PEL # 9310052

AQUA SCIENCE ENGINEERS, INC.

Attn: Robert Kitay

Re: One water sample for pH, Gasoline/BTEX, Diesel, total Recoverable Hydrocarbons, and Conductivity analyses.

Project name: Tasco

Project location: 3430 Wood St., - Oakland, CA.

Project number: 2602

Date sampled: Oct 14, 1993

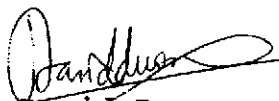
Date submitted: Oct 15, 1993

Date extracted: Oct 15-16, 1993

Date analyzed: Oct 15-16, 1993

RESULTS:

SAMPLE I.D.	pH	Gasoline (ug/L)	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	Recoverable Hydrocarbonds (mg/L)	Conductivity (uS)
W-3	6.9	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	3.6	1430
Blank	7.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0
Spiked Recovery	---	84.6%	97.8%	81.7%	85.2%	82.7%	93.6%	---	---
Detection limit	0.05	50	50	0.5	0.5	0.5	0.5	0.5	10
Method of Analysis	9045	5030/ 8015	3510 8015	602	602	602	602	418.1	120.1


 David Duong
 Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 18, 1993

PEL #: 9310052

AQUA SCIENCE ENGINEERS, INC.

Attn: Robert Kitay

Project name: Tasco

Project number: 2602

Project location: 3430 Wood St., - Oakland, CA.

Sample I.D.: W-3

Date Sampled: Oct 14, 1993

Date Submitted: Oct 15, 1993

Date Analyzed: Oct 15, 1993

Method of Analysis: EPA 601

Detection limit: 0.5 ug/L

COMPOUND NAME	CONCENTRATION (ug/L)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	81.7
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	89.4
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	88.5
1,1-Dichloroethane	N.D.	93.7
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	90.9
Trichloroethene	N.D.	94.1
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	102.3
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 28, 1993

PEL # 9310052

AQUA SCIENCE ENGINEERS, INC.

Attn: Robert Kitay

Project name: Tasco

Project location: 3430 Wood St., - Oakland, CA.

Project number: 2602

Analysis : TTLC CAM 17 metals

Sample I.D.: W-3

Date Sampled: Oct 14, 1993

Date Submitted: Oct 15, 1993

Date Analyzed: Oct 16-24, 1993

Method of Analysis: 6010

CODE	METAL	CONCENTRATION (mg/L)	DETECTION LIMIT (mg/L)
Ag	Silver	N.D.	0.05
As	Arsenic	N.D.	0.01
Ba	Barium	0.19	0.05
Be	Beryllium	N.D.	0.01
Cd	Cadmium	N.D.	0.01
Co	Cobalt	N.D.	0.05
Cr	Chromium	N.D.	0.05
Cu	Copper	N.D.	0.05
Hg	Mercury	N.D.	0.002
Mo	Molybdenum	N.D.	0.05
Ni	Nickel	N.D.	0.05
Pb	Lead	N.D.	0.10
Sb	Antimony	N.D.	0.10
Se	Selenium	N.D.	0.01
Tl	Thallium	N.D.	0.20
V	Vanadium	N.D.	0.05
Zn	Zinc	0.22	0.05

David Duong
Laboratory Director

Aqua Science Engineers, Inc.
 2411 Old Crow Canyon Road, #4,
 San Ramon, CA 94583
 (510) 820-9391 - FAX (510) 837-4853

Cha PEL # 9310052

today

INV # 24107

DATE 10-15-93 PAGE 1 OF 1

SAMPLERS (SIGNATURE)

(PHONE NO.)

PROJECT NAME TASCO

NO. 2602

Robert C. Kitey

(510) 820-9391

ADDRESS 3430 Wood Street, Oakland, CA

ANALYSIS REQUEST

SPECIAL INSTRUCTIONS:

SAMPLE ID.	DATE	TIME	MATRIX	NO. OF SAMPLES	TPH- GASOLINE (EPA 5030/8015)	TPH- GASOLINE/BTEX (EPA 5030/8015-8020)	TPH- DIESEL (EPA 3510/8015)	PURGABLE AROMATICS (EPA 602/8220)	PURGABLE HALOCARBONS (EPA 601/8010)	VOLATILE ORGANICS (EPA 624/8240)	BASE/NEUTRALS, ACIDS (EPA 625/8270)	OIL & GREASE (EPA 5520 E&F or B&F)	LUFT METALS (5) (EPA 6010-7000)	TITLE 22 (CAM 17) (EPA 6010-7000)	TCLP (EPA 1311/1310)	STLC- CAM WET (EPA 1311/1310)	REACTIVITY CORROSION TOXICITY	PH/conductivity	Total Recoverable HCs (EPA 918.1)	
					<u>W-3</u>	<u>10/14</u>	<u>15:45</u>	<u>Water</u>	<u>8</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY LABORATORY:

COMMENTS:

Robert E. Kitey 15:47
 (signature) (time)

Chardson
 (signature) (time)

(signature) (time)

(signature) (time)

Robert E. Kitey
 (printed name) (date)

PEL 10/15/93
 (printed name) (date)

(printed name) (date)

(printed name) (date)

Company- ASE

Company- PEL 10/15/93

Company-

Company-