UNDERGROUND STORAGE TANK REMOVAL REPORT

August 9, 1999

8134 Capwell Drive
Oakland, California

Prepared For:
Mr. Fred Pomerantz
TD Rowe

ACC Project No. 99-6546-002.00

A·C·C
ENVIRONMENTAL
CONSULTANTS

August 6, 1999

Mr. Fred Pomerantz
TD Rowe
8134 Capwell Drive
Oakland, California 94621

Re: Underground Storage Tank Removal Report
8134 Capwell Drive, Oakland, California
ACC Project No. 99-6546-002.00

Dear Mr. Pomerantz:

Enclosed please find one original and one copy of the Underground Storage Tank (UST) Removal Report for two 3,000-gallon gasoline USTs located at 8134 Capwell Drive, Oakland, California. Please review the report. A copy will be sent to Mr. Stephen Craford, City of Oakland Fire Services Agency, Office of Emergency Services (OES).

If you have any questions, please feel free to contact me at (510) 638-8400.

Sincerely,

Stephen Southern
Project Manager

/dds:sps

Enclosures

cc: Mr. Stephen Craford, OES
Mr. Jeff Deakin, President, DCM

A·C·C
ENVIRONMENTAL
CONSULTANTS

UNDERGROUND STORAGE TANK REMOVAL REPORT

8134 Capwell Drive
Oakland, California

ACC Project No. 99-6546-002.00

Prepared for:

Mr. Fred Pomerantz
TD Rowe
8134 Capwell Drive
Oakland, California 94621

August 6, 1999

Prepared by : _____
Stephen Southern
Project Manager

Reviewed by: _____
David R. DeMent, R.G.
Senior Geologist

REGISTERED GEOLOGIST
DAVID R. DEMENT
NO. 5974
STATE OF CALIFORNIA

7977 Capwell Drive, Suite 100 • Oakland, CA 94621 • (510) 638-8400 • FAX: (510) 638-8404
OAKLAND • LOS ANGELES • SACRAMENTO • SEATTLE

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UNDERGROUND STORAGE TANK REMOVAL REPORT
8134 Capwell Drive
Oakland, California

1.0 INTRODUCTION

ACC Environmental Consultants, Inc., (ACC) was retained by the DCM Construction Services, Inc., (DCM) to document the removal of two 3,000-gallon fiberglass gasoline underground storage tanks (USTs) at 8134 Capwell Drive, Oakland, California (Figures 1 and 2).

2.0 BACKGROUND

Two 3,000-gallon fiberglass gasoline USTs were used to supply fuel to delivery trucks operated by TD Rowe. According to information provided to ACC by TD Rowe, the USTs had not been used for approximately 3 years prior to their removal.

2.1 Previous Site Investigations

There were no previous investigations regarding the former USTs at the subject site.

3.0 PREPARATION

The UST removal work was performed by state licensed contractor, DCM Construction and Services, Inc. (DCM) of California under contractor's license number A745353, in accordance with regulatory requirements. ACC documented the subsurface work during the UST removal procedures. Appropriate elements of the work were observed by representatives of the City of Oakland Fire Services Agency, Office of Emergency Services.

4.0 FIELD ACTIVITIES

4.1 Preparation

Prior to UST removal, DCM applied for and received approval from OES to remove both USTs on April 6, 1999 (permit number 36-99). On April 16, 1999, DCM removed the two USTs. Approximately 950 gallons of residual gasoline and water was removed from one tank and transported by Clearwater Environmental under manifest number 98530345 for disposal. Prior to removal, DCM personnel inerted each UST with approximately 400 pounds of dry ice. The lower explosion limit and the percent oxygen of the UST were determined using a GasTech® combustible gas indicator calibrated to hexane. The USTs were spherical in shape and DCM determined that one of the USTs had damaged fittings.

4.2 UST Removal

The removal of the USTs was overseen by Mr. Stephen Craford, OES. Upon removal, each UST was inspected and found to be intact. No holes were observed in either of the USTs; however, it

appeared that fittings on one of the USTs were damaged. Both USTs were loaded onto one flatbed truck and hauled by Ecology Control Industries (ECI) of Richmond, California under manifest number 98751574 to its certified disposal facility. After transportation to ECI, each UST was cleaned and rendered harmless. Copies of all permits, manifests, and certifications are attached as Appendices 1 and 2.

Upon removal of the USTs, the excavation was inspected by ACC and by Mr. Craford. The excavation was approximately 6 feet below ground surface (bgs). Groundwater was encountered in the pit at varying elevations ranging from approximately 4 feet bgs to 6 feet bgs. Groundwater at the site was observed to be directly affected by tidal fluctuations. Significant staining was observed and petroleum hydrocarbon odors were detected. Based on these observations, Mr. Craford directed ACC to collect four grab soil samples from excavation sidewalls and one grab groundwater sample from the excavation pit.

4.3 Observed Soil

The soil observed within the excavation consisted of brown silty sand (SM) which was medium dense and unstable along the sidewalls of the UST. The UST was surrounded by pea gravel.

4.4 Sample Collection

On April 16, 1999, samples were collected from the sidewalls of the excavation at the soil-groundwater interface. The samples were identified as TDR-Pit-N, -S, -E, and -W and TDR-Pit. In addition, one eight-point composite sample was collected from stockpiled soil generated from the excavation, identified as TDR-SP1 through SP8.

After collection, all samples were immediately covered with Teflon® tape and tight fitting plastic end caps, labeled, and transported to Chromalab, Inc. (Chromalab), a state-certified analytical laboratory. The soil samples were analyzed in accordance to the Tri-Regional Water Quality Control Board Guidelines for gasoline USTs. The analyses included total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8020 and benzene, toluene, ethylbenzene and total xylenes (BTEX) by EPA Method SW846 8020A, methyl tertiary butyl ether (MTBE) by EPA Method 8260, and total lead by EPA Method 6010. Laboratory analytical results are summarized in Table 1 and Table 2. Copies of the laboratory analytical results and chain of custody record are attached as Appendix 3.

5.0 DISCUSSION

Analytical results of the water and soil samples collected during UST removal activities indicate elevated concentrations of TPHg along the north wall of the excavation and within the groundwater present in the excavation. The ratio of TPHg to benzene in sample TDR-Pit-N and the lack of BTEX in the remaining soil samples indicate the gasoline is aged and is degrading.

6.0 OVEREXCAVATION ACTIVITIES

Due to elevated concentrations of TPHg along the north wall of the excavation, the original scope of work was modified in order to expand the north wall of the original excavation by approximately 4 feet. Overexcavation occurred on April 29, 1999. Approximately 150 tons of petroleum hydrocarbon-impacted soil were removed. Soil discoloration and strong odors were observed and detected during overexcavation.

On April 29, 1999, two soil samples were collected from the north wall of the excavation at the soil-groundwater interface and identified as TDR-NWall-1 and TDRNWall-2. After collection, all samples were immediately covered with Teflon® tape and tight fitting plastic end caps, labeled, and transported to Chromalab. The samples were analyzed for TPHg, BTEX, MTBE and total lead. Laboratory analytical results are summarized in Table 1. Copies of the laboratory analytical results and chain of custody record are attached as Appendix 3.

Analytical results indicate that overexcavation activities successfully removed residual petroleum hydrocarbon constituents present in soil. Based on the results, no further excavation was performed at the site.

Prior to bakcfilling the excavation and in an attempt to remove as much impacted groundwater as possible, the excavation was pumped out on May 18, 1999. Approximately 800 gallons of water was vacuum pumped into a truck and transported offsite for treatment and disposal. The surface of the water was skimmed in order to remove as much product as possible. A grab groundwater sample (Pit-2) was collected and submitted to Chromalab for analysis of TPHg, BTEX, MTBE, and total lead. Laboratory analytical results are summarized in Table 2. Copies of the laboratory analytical results and chain of custody record are attached as Appendix 3.

TABLE 1 – SOIL SAMPLE ANALYTICAL RESULTS

Sample ID	TPHg mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl-Benzene mg/kg	Xylenes mg/kg	MTBE mg/kg	Lead mg/kg
TDR-Pit-N	5900	ND	8.3	66	420	ND	5.8
TDR-Pit-S	10	ND	ND	ND	ND	42*	10
TDR-Pit-E	73	ND	ND	ND	ND	ND	ND
TDR-Pit-W	ND	ND	ND	ND	ND	57/32**	6.1
TDR-SP1-SP8	84	ND	ND	ND	ND	ND	ND
TDR-NWall-1	ND	ND	ND	ND	ND	ND	6.7
TDR-NWall-2	ND	ND	ND	ND	ND	ND	5.6

Notes: mg/kg = milligrams per kilogram = ppm = parts per million
** = laboratory analysis confirms tertiary butyl alcohol (TBA)*
*** = laboratory analysis confirms TBA/MTBE*
ND = below laboratory reporting limits

TABLE 2 – WATER SAMPLE ANALYTICAL RESULTS

Sample ID	TPHg mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl-Benzene mg/kg	Xylenes mg/kg	MTBE mg/kg	Lead mg/kg
TDR-Pit	99,000	220	500	1,500	14,000	ND	0.82
Pit-2	3,200	40	3.1	11	54	ND	0.037

Notes: µg/L = micrograms per Liter = ppb = parts per billion
ND = below laboratory detection limits

Analytical results from the pit water sample collected after overexcavation (Pit-2) indicate a significant reduction in concentrations of TPHg and BTEX constituents when compared to the original water sample.

7.0 SUMMARY AND CONCLUSIONS

Two 3,000-gallon fiberglass gasoline USTs were removed from the subject property. Elevated concentrations of TPHg were detected along the north wall of the excavation at the soil/groundwater interface. In addition, elevated concentrations of TPHg and BTEX were detected in groundwater in the excavation. Following overexcavation of the UST pit, concentrations of TPHg and BTEX in soil decreased to below laboratory reporting limits. After removal of petroleum hydrocarbon impacted groundwater, concentrations of TPHg and BTEX in water also decreased significantly.

8.0 RECOMMENDATIONS

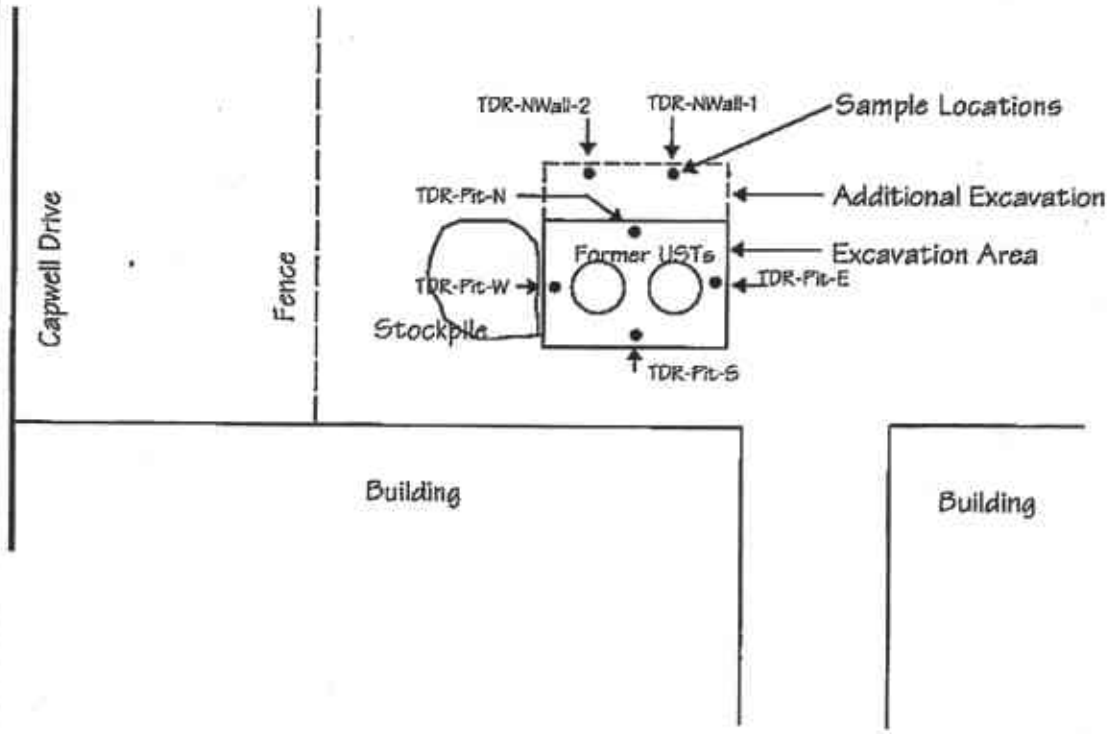
Due to the removal of an active source, it is anticipated that residual TPHg and BTEX concentrations will continue to decrease over time. Groundwater in the excavation is not considered to be potable and has little or no beneficial use. Based on these factors, ACC recommends no additional action for this site and requests OES to grant this site regulatory case closure.

9.0 LIMITATIONS

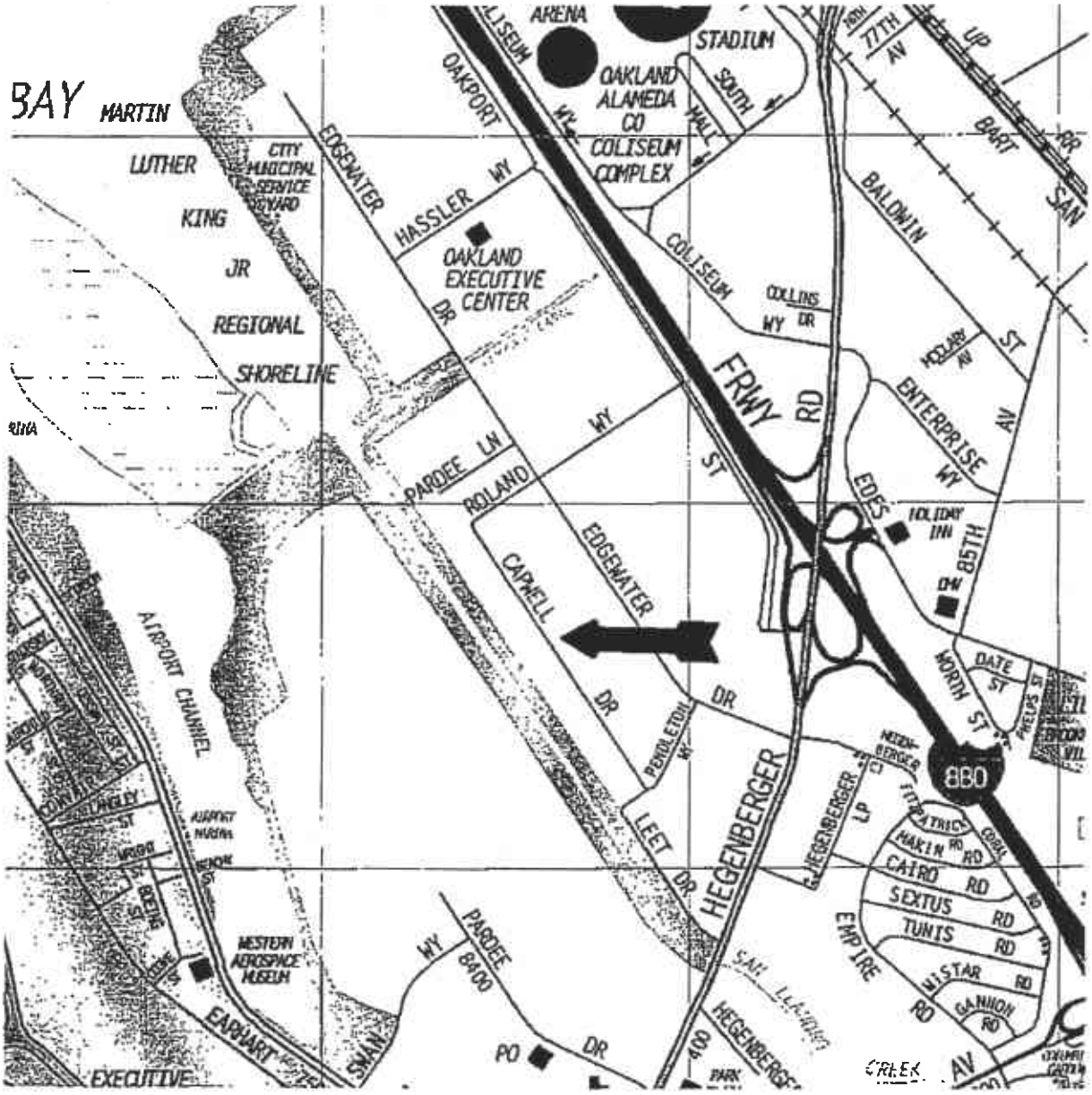
The service performed by ACC has been conducted in a manner consistent with the levels of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

The conclusions presented in this report are professional opinions based on the indicated data described in this report and applicable regulations and guidelines currently in place. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study.

ACC has included analytical results from a state-certified laboratory, which performs analyses according to procedures suggested by the U.S. Environmental Protection Agency and the State of California. ACC is not responsible for laboratory errors in procedure or result reporting.

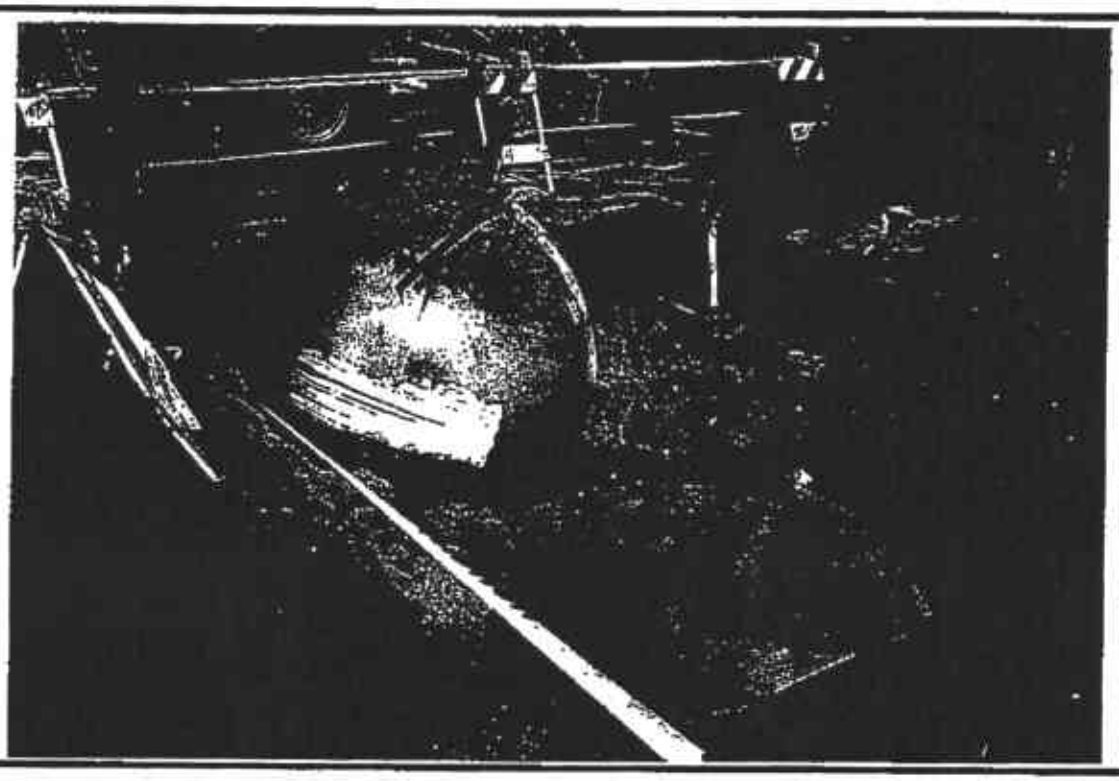


Title: Sample Location Map 8134 Capwell Drive Oakland, California	
Figure Number: 2	Scale: 1" = 20'
Project Number: 6546-002.0	Drawn By: KMB
A·C·C ENVIRONMENTAL CONSULTANTS	Date: 8/9/99
7977 Capwell Drive, Suite 100 Oakland, California 94621 (510) 638-8400 Fax (510) 638-8404	N W E S

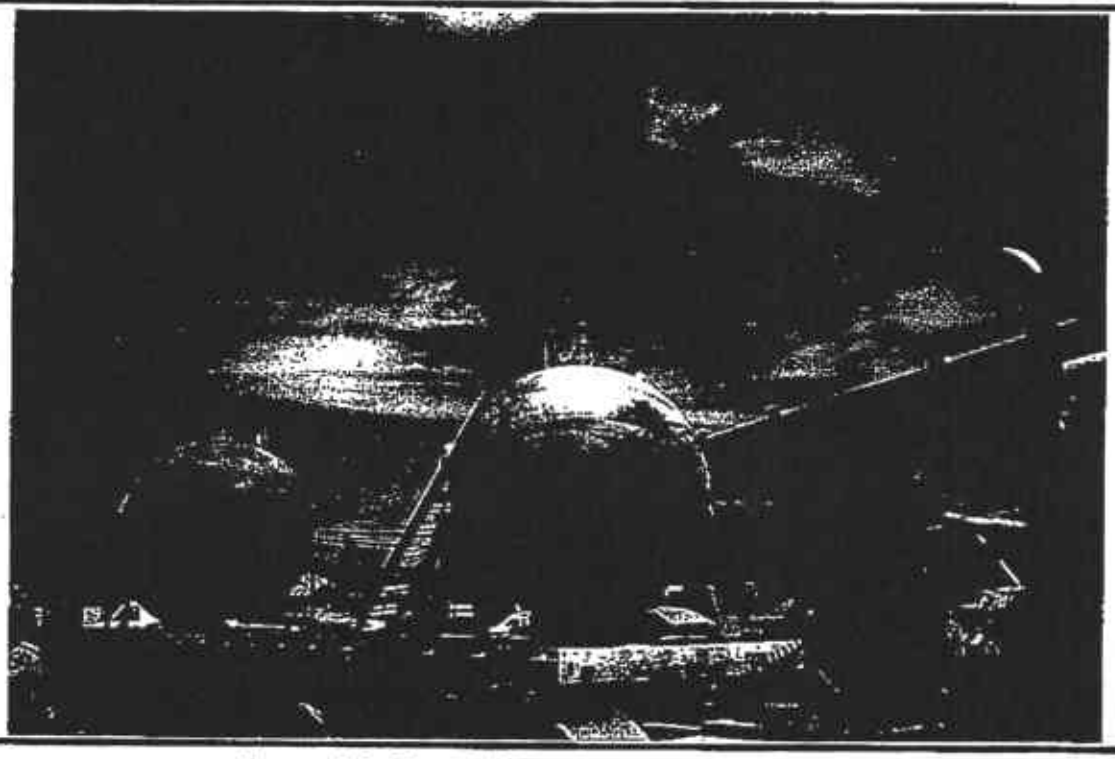


SOURCE: Thomas Guide CD ROM, 1997

Title: Location Map 8134 Capwell Drive Oakland, California	
Figure Number: 1	Scale: 1" = 1/4 Mile
Project Number: 6546-002.0	Drawn By: SPS
A•C•C ENVIRONMENTAL CONSULTANTS	Date: 7/30/99
7977 Capwell Drive, Suite 100 Oakland, California 94621 (510) 638-8400 Fax (510) 638-8404	N W E S



Photograph 1: View of Two 3,000-gallon Underground Storage Tanks



Photograph 2: View of USTs Loaded Onto the Flatbed Truck

Project: UST Removal 8134 Capwell Drivet Oakland, California	Project Number: 99-6546-002.00 Date of Photos: April, 1999	A•C•C ENVIRONMENTAL CONSULTANTS

Photograph 3: View of Groundwater in the UST Pit

Photograph 4: View of North Wall of UST Excavation

Project: UST Removal 8134 Capwell Drivet Oakland, California	Project Number: 99-6546-002.00 Date of Photos: April, 1999	A•C•C ENVIRONMENTAL CONSULTANTS

CITY OF OAKLAND
FIRE PREVENTION BUREAU
250 Frank Ogawa Plaza, Ste. 3341
OAKLAND, CALIFORNIA 94612-2032
(510) 238-3851

APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS

In the CITY OF OAKLAND

Request Submittal Date: 3-18-99

PLEASE CIRCLE APPROPRIATE ACTIONS: Application is hereby made for permit to:

(a) Remove (b) Install (c) Repair (d) Modify (e) Abandon/Close in Place A

(a) Gasoline (b) Fuel oil (c) Diesel (d) _____ tank(s) and excavate, commencing:

(a) four feet inside the curb line*; (b) inside the property line; (c) aboveground; (d) underground tank(s)
Inside curb line, please attach copy of sidewalk/excavation permit from PLANNING AND BUILDING

on the EAST side of CAPWELL DR. St./Ave. 500 feet S of ROLANDO cir St./Ave.

Site Address: 8134 CAPWELL DRIVE Present storage GAS & DIESEL

Owner: TD ROWE Address 8134 CAPWELL DR. OAKLAND, CA 94621 Phone (510) 562-9743

Applicant: DCM CONSTRUCTION Address 7172 REGIONAL ST #139 DUBLIN, CA 94568 Phone (925) 803-6969

Sidewalk surface to be disturbed ____ X ____ Number of Tanks 2 Capacity 3000 Gallons ea.

Remarks _____

Signature _____

PLEASE ATTACH/SUBMIT: *(All applicants must have a City Business License Permit)*

- (2) Copies of Closure Plans for underground tank removal(s)
- (2) Sets of plans and (1) copy of specifications for above ground tank removal
- (2) Sets of plans and (2) sets of application packets for underground tank installation/modifications
- (2) Sets of plans for aboveground tank installation
- copy or prepare to show Planning and Building approval for aboveground tank removal and tank repair

NOTE: FOR TANK INSTALLATION PLEASE SUBMIT THIS APPLICATION FORM ALONG WITH A APPLICATION FOR PERMIT TO OPERATE, MAINTAIN OR STORE

FOR OFFICE USE ONLY

Permit No. _____
Copies to: Electrical Inspection

Amt. Recv'd #1040 Date Issued: 4-6-99
Ck# 13[illegible] Cash _____
Receipt# 184698 Recv'd by: _____ Tk ____

rev:05/98

City Of Oakland

FIRE PREVENTION BUREAU

250 Frank Ogawa Plaza, Ste. 3341
Oakland California 94612-2032
510-238-3851

Permit To Excavate And Install, Repair, Or Remove Inflammable Liquid Tanks

Oakland, California April 6, 1999

Tank Permit Number: 36-99

Permission Is Hereby Granted To:

Remove gasoline **Tank And Excavate Commencing:** **Feet Inside:** property **Line.**

On The: east side of Capwell Dr., 500 feet south of Roland Wy.

Site Address: 8134 Capwell Dr. **Present Storage:**

Owner: TD Rowe **Address:** 8134 Capwell Dr., 94621 **Phone:** 562-9792

Applicant:DCM Construction **Address:** 7172 Regional St., #139 Dublin, 94568 **Phone:** (925) 803-6969

Dimensions Of Street (sidewalk) Surface To Be Disturbed : **X** **No. Of Tanks** 2 **Capacity** 3000 **Gallons, Each**

Remarks

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flame To Be On Or Near Premises.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Type Of Inspection:

Inspected And Passed On:

By:

Approved: JERRY E. BLUEFORD
Fire Marshal

UST/AST Installations/modifications:

Pressure Test: Inspected By: **Date:**

Primary Piping Test: Inspected By: **Date:**

Inspection Fee Paid: $ 640.00

Received By: D. Clemons ck#1375 Rec#784698

Secondary Containment & Sump Testing:

Inspected By: **Date:**

Final: Inspected By: **Date:**

Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851

THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE

OAKLAND FIRE SERVICES AGENCY, OFFICE OF EMERGENCY SERVICES
UNIFORM UNDERGROUND TANK SYSTEM CLOSURE INSPECTION REPORT

6059

Facility Name TD ROWE Site ID. No.

Address 6134 CAPWELL City OAK Zip 94621

Project Contact SCOTT CATTERALL Contact Phone No.

Tank ID No.	1	2.	
Size	3,000	2,000	
Construction Material	FIBER	FIBER	
Single/Double Wall	SW	SW	
Backfill Type	NONE	OPEN	
Oxygen <10%	2.9%	2.3%	
LEL <20%	0%	0%	
Tank Condition	GOOD	GOOD	
Soil/Groundwater Condition	SOIL H2O - SLIGHT	GOOD PHASE	
Soil Sample Depth	6FT	6FT	
Number and Description of Soil/Groundwater Samples *(Indicate Sample Locations on Site Plan.)*	1 H2O 3 SOIL	3 SOIL	5 7 DAY

Piping: ☐ Rinsed/Tested/Capped

Tank and Piping Transport: ☒ Shipped on Manifest

Sampling: ☐ Evidence Tape ☒ Chain of Custody; Pipeline Samples Taken

Rinsate: ☒ Shipped on Manifest ☐ Transporter Name Same as on Application ☐ Vehicle Hazwaste Certificate Current ☐ Samples Refrigerated ☐ Yes, ☐ No *(If no, explain why in Comments.)* ☐ Soil Stored on Bermed Plastic and Covered.

Disposition of Tank Contents GASOLINE - D.I. MIXED

Comments/Special Conditions NONE

SAMPLES BY ACC - 639 81ST - S SAN LEAN

Inspector CRAFORD Agency OFSA Date 4-16-99 Start Time 12:00 Stop time 1:30

Site Plan: ☐ Attached

Signature of Contractor/Authorized Agent [signature] Date 4-16-99 Page ____ of ____

(Undrgnd7)

99-05-1164 46120

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
510/484-1919 • Facsimile 510/484-1096

Chain of Custody

DATE 18 MAY 99 PAGE 1 OF 1

PROJ. MGR STEPHEN SOUTHERN
COMPANY ACC Environmental Consultants
ADDRESS 7977 Capwell Drive, Suite 100
Oakland, California 94621

SAMPLERS (SIGNATURE) (PHONE NO.) (510) 638-8400
(FAX NO.) (510) 638-8404

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	MTBE 8260	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
PIT-2	5/18/99	1415	H2O	HCl		X										X				X					5

RUSH

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NAME: T.D. Rouse		TOTAL NO. OF CONTAINERS	5
PROJECT NUMBER 6546-002.00		HEAD SPACE	
P.O.# 6546-002.00		RECD GOOD CONDITION/COLD	
		CONFORMS TO RECORD	

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

SPECIAL INSTRUCTIONS/COMMENTS:
metals preserved to pH 2 upon receipt - DSH
cooler temp. 5.4°C - DSH

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 1725 (TIME)
STEPHEN SOUTHERN 5/19/99 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	B Morris 5-19-99 (PRINTED NAME) (DATE)
ACC ENV. (COMPANY)	(COMPANY)	(COMPANY)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3**
(SIGNATURE) 1040 (TIME)	(SIGNATURE) (TIME)	Denise Harrington (SIGNATURE) (TIME)
B Morris 5-19-99 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	D. Harrington 1725 (PRINTED NAME) (DATE)
(COMPANY)	(COMPANY)	Chromalab 5/19/99 (LAB)

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

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. / Manifest Document No.: CAC001177400 / 51574
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address: T.D. LOWE, 814 CAPWELL DR, OAKLAND, CA 94621
4. Generator's Phone (510) 635-7040

A. State Manifest Document Number: 98751574
B. State Generator's ID

5. Transporter 1 Company Name: ECOLOGY CONTROL INDUSTRIES
6. US EPA ID Number: CAD982030173
C. State Transporter's ID
D. Transporter's Phone: 510-235-1393

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: ERICKSON INC, 255 PARR BLVD, RICHMOND, CA 94801
10. US EPA ID Number: CAD009466392
G. State Facility's ID
H. 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	I. Waste Number
a. WASTE EMPTY STORAGE TANK Non-RCRA hazardous waste solid	002	TP	06000	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: QTY 2 EMPTY STORAGE TANK(S) # Z6301-Z6382 TANK(S) HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY

K. Handling Codes for Wastes Listed Above: a. b. c. d.

15. Special Handling Instructions and Additional Information
Wear appropriate protective clothing when handling
24 Hour Emergency Telephone Number: 510-635-7040
24 Hour Emergency Contact: FRED POMERANZ
ERG# 171
SITE LOCATION: 814 CAPWELL DR, OAKLAND, CA

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: STEPHEN SOUTHERN FOR T.L. LOWE — Signature: [signature] — Month/Day/Year: 04 16 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DOUG BIGGS — Signature: [signature] — Month/Day/Year: 04 16 99

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

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700—22

Yellow GENERATOR RETAINS

alifornia—Environmental Protection Agency
proved OMB No. 2050-0039 (Expires 9-30-99)
print or type. Form designed for use on elite (12-pitch) typewriter.

See instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA0021177400 Manifest Document No. 30345
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
8134 Cafferell Dr. Oakland CA 94621
4. Generator's Phone (510) 562 9772

5. Transporter 1 Company Name: CLEARWATER ENVIRONMENTAL
6. US EPA ID Number: CAR000070113

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

9. Designated Facility Name and Site Address
ALVISO INDEPENDENT OIL
5002 ARCHER STREET
ALVISO, CA 95002
10. US EPA ID Number: CAL000161743

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. (Linear Acids) Non-RCRA Hazardous Waste Liquid	001	TT	950	G	State EPA/Other
b.					State 223 EPA/Other NONE
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above: a. 11 b. c. d.

15. Special Handling Instructions and Additional Information
WEAR PPE
Emergency Contact: (510) 797-8511 Attn: Kirk Hayward
ERG # 171

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	Signature	Month	Day	Year
John Catterall	John Catterall	04	16	99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Tony Gaines	Tony Gaines	04	16	99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
Vicky Stone		04	16	99

DO NOT WRITE BELOW THIS LINE.

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

GENERATOR — TRANSPORTER — FACILITY

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 40537

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: DCM
b. Generating Location: DCM
c. Address: 7172 Regional St #139 Dublin CA 94568
d. Address: 8132 Capwell, OAKLAND
e. Phone No.: 925-803-6969
f. Phone No.: 925-803-6969

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: Jeff Denkin
h. Owner's Phone No.: DCM 925-803-6969

i. BFI WASTE CODE: C#405 061599 02106 Containers

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

j. Description of Waste: Soil
k. Quantity | Units | No. | TYPE

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: G B TRUCKING
b. Address: 31376 Santa Ana Wy Union City CA 94587
c. Driver Name / Title: Harbhupinder Singh (PRINT / TYPE)
d. Phone No.: (510) 475-4899
e. Truck No.: 119
f. Vehicle License No. / State: 9B49058
Acknowledgement of Receipt of Materials.
g. Driver Signature | Shipment Date: 06/18/99

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name / Title: (PRINT / TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No. / State:
Acknowledgement of Receipt of Materials.
n. Driver Signature | Shipment Date

Section III — DESTINATION (Generator completes a-d; Destination site completes e-i)

a. Site Name: BFI
b. Physical Address: VASCO ROAD LIVERMORE
c. Phone No.:
d. Mailing Address:
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent | Signature | Receipt Date: 6/18/99

Section IV — ASBESTOS (Generator completes a-d if any; Operator completes e)

a. Operator's * Name:
b. Operator's * Phone No.:
c. Operator's * Address:
d. Special Handling Instructions and additional information:

OPERATOR'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 government regulations.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 40540

Section I: GENERATOR (Generator completes all of Section I.)

a. Generator Name: DCM
b. Generating Location: 8134 CADWELL DR
c. Address: 7172 Regional St #139
DUBLIN CA 94568
d. Address: OAKLAND CA
ALAMEDA
e. Phone No.: 925-803-6969
f. Phone No.: 925-803-6969

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: JEFF DEAKIN
h. Owner's Phone No.: 925-803-6969

i. BFI WASTE CODE: CA 405061599 — 02100 — Containers

j. Description of Waste: Soil

k. Quantity | Units | No. | TYPE

TYPE: DM - METAL DRUM; DP - PLASTIC DRUM; B - BAG; BA - 6 MIL. PLASTIC BAG or WRAP; T - TRUCK; O - OTHER

UNITS: P - POUNDS; Y - YARDS; M³ - CUBIC METERS; Y³ - CUBIC YARDS; O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II: TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n.)

TRANSPORTER I

a. Name: PADILLA TRUCKING
b. Address: PO Box 337
TRACY CA 95378-0337
c. Driver Name / Title: GRADY PADILLA owner
PRINT / TYPE
d. Phone No.: 209-832-7870 Truck No.: P90
f. Vehicle License No. / State:
Acknowledgement of Receipt of Materials.
g. Driver Signature | 061899 Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name / Title:
PRINT / TYPE
k. Phone No.: l. Truck No.:
m. Vehicle License No. / State:
Acknowledgement of Receipt of Materials.
n. Driver Signature | Shipment Date

Section III: DESTINATION (Generator completes a-d; destination site completes e-f.)

a. Site Name: B.F.I.
b. Physical Address: VASCO ROAD
LIVERMORE CA
c. Phone No.:
d. Mailing Address:
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent | Signature | 6/18/99 Receipt Date

Section IV: ASBESTOS (Generator complete a-d, f, g; Operator completes e.)

a. Operator's * Name:
b. Operator's * Phone No.:
c. Operator's * Address:
d. Special Handling Instructions and additional information:

OPERATOR'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 government regulations.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 40539

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: DCM
b. Generating Location: DCM
c. Address: 1172 Regional St 139 Dublin CA 94568
d. Address: 8132 Capwell, OAKLAND
e. Phone No.: 925-803-6969
f. Phone No.: 925-803-6969

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: Jeff Dunkin
h. Owner's Phone No.: DCM 925-8036969

i. BFI WASTE CODE: A 405 061599 — 02 100 — Containers

j. Description of Waste: Soil

k. Quantity | Units | No. | TYPE

TYPE: DM - METAL DRUM; DP - PLASTIC DRUM; B - BAG; BA - 6 MIL. PLASTIC BAG or WRAP; T - TRUCK; O - OTHER

UNITS: P - POUNDS; Y - YARDS; M³ - CUBIC METERS; Y³ - CUBIC YARDS; O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, If the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name | Signature | Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Proctor Trucking
b. Address: PO Box 337 Thady CA 95378-0337
c. Driver Name / Title: Grady Proctor owner (PRINT / TYPE)
d. Phone No.: 209-832-7820
e. Truck No.: 49U
f. Vehicle License No. / State: 9A15729
Acknowledgement of Receipt of Materials.
g. Driver Signature | Shipment Date: 06/18/99

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name / Title: (PRINT / TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No. / State:
Acknowledgement of Receipt of Materials.
n. Driver Signature | Shipment Date

Section III — DESTINATION (Generator completes a-d; destination site completes e-f.)

a. Site Name: BFI
b. Physical Address: Vasco Road Livermore
c. Phone No.:
d. Mailing Address:
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent | Signature | Receipt Date: 6/18/99

Section IV — ASBESTOS (Generator complete a-d; g; Operator completes e-f.)

a. Operator's * Name:
b. Operator's * Phone No.:
c. Operator's * Address:
d. Special Handling Instructions and additional information:

OPERATOR'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 government regulations.

BFI®

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 40543

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: DCM
b. Generating Location: 8134 Cadwell Dr
c. Address: 7172 Regional St. #139 Dublin CA 94568
d. Address: Oakland CA Alameda
e. Phone No.: 925-803-6969
f. Phone No.: 925-803-6969

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: Jeff Deakin
h. Owner's Phone No.: 925-803-6969

i. BFI WASTE CODE: CA 405 061599 02100

j. Description of Waste: Soil

k. Containers — Quantity / Units / No. / TYPE

TYPE: DM - METAL DRUM; DP - PLASTIC DRUM; B - BAG; BA - 6 MIL PLASTIC BAG or WRAP; T - TRUCK; O - OTHER

UNITS: P - POUNDS; Y - YARDS; M³ - CUBIC METERS; Y³ - CUBIC YARDS; O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name ______ Signature ______ Shipment Date ______

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: GB Trucking
b. Address: 3376 Santa Ana Way Union City CA 94587
c. Driver Name / Title: Harbhupinder Singh (PRINT / TYPE)
d. Phone No.: 510-475-4299
e. Truck No.: 119
f. Vehicle License No. / State: 9B49052

Acknowledgement of Receipt of Materials.

Driver Signature: [signature] Shipment Date: 061899

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name / Title: (PRINT / TYPE)
k. Phone No.:
l. Truck No.:
m. Vehicle License No. / State:

Acknowledgement of Receipt of Materials.

n. Driver Signature ______ Shipment Date ______

Section III — DESTINATION (Generator completes a-d; destination site completes e-f)

a. Site Name: BFI
b. Physical Address: Vasco Road Livermore CA
c. Phone No.:
d. Mailing Address:

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent ______ Signature [signature] Receipt Date 61899

Section IV — ASBESTOS (Generator complete a-d, f, g; Operator completes e)

a. Operator's * Name:
b. Operator's * Phone No.:
c. Operator's * Address:
d. Special Handling Instructions and additional information:

OPERATOR'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 government regulations.

BFI NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 40521

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: T D Rowe
b. Generating Location: SAME
c. Address: 8134 CAPWELL DR
OAKLAND CA
d. Address:
e. Phone No.:
f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: Steve [illegible]
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 4050615 77 CA100

Containers

j. Description of Waste:

k. Quantity: 18 | Units | No. | TYPE

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name — Signature — Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: [illegible]
b. Address:
c. Driver Name / Title: (PRINT / TYPE)
d. Phone No.:
e. Truck No.:
f. Vehicle License No. / State:

Acknowledgement of Receipt of Materials.

g. Driver Signature — Shipment Date

TRANSPORTER II

h. Name: [illegible] TRANS
i. Address: TRANS
j. Driver Name / Title: [illegible] (PRINT / TYPE)
k. Phone No.:
l. Truck No.: P-50
m. Vehicle License No. / State: 9A 15173

Acknowledgement of Receipt of Materials.

n. Driver Signature: [signature] — Shipment Date: 06/08/9[illegible]

Section III — DESTINATION (Generator completes a-d, destination site completes e-f)

a. Site Name: VASCO ROAD LANDFILL
b. Physical Address: 4001 N. VASCO ROAD
LIVERMORE CA 94550
c. Phone No.:
d. Mailing Address:
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — Receipt Date: 6/8/9[illegible]

Section IV — ASBESTOS (Generator complete a-d, f, g. Operator completes e.)

a. Operator's * Name:
b. Operator's * Phone No.:
c. Operator's * Address:
d. Special Handling Instructions and additional information:

OPERATOR'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 government regulations.

CLEARWATER
ENVIRONMENTAL MANAGEMENT, INC.
P.O. Box 7420 - Fremont, CA 94537-7420
(800) 499-3676 Fax (510) 744-9341
CAR000007013

Bill of Lading
Invoice # 13306
Date 4/16/1999

BILLING INFORMATION

NAME [illegible]
ADDRESS [illegible]
CITY [illegible] STATE ZIP
PHONE NO. [illegible]

JOB SITE

NAME J.D. Howe
ADDRESS 8124 [illegible]
CITY [illegible] STATE CA ZIP 94621
PHONE NO. [illegible]

PO # CASH CHECK
CUSTOMER EPA ID # [illegible]
PROFILE #
CUSTOMER ID NO:

PRODUCT / PROPER SHIPPING DESCRIPTION	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used Oil, Non-RCRA Hazardous Waste, Liquid	221			GAL.		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	134			GAL.		
Oil / Water Non RCRA Hazardous Waste Liquid	223	98502K	950	GAL.		
Non RCRA Hazardous Waste Solid Oil Contaminated Debris				GAL.		
Waste Flammable Liquid, n.o.s. UN 1993, PG III				GAL.		
Non Hazardous Waste Liquid				GAL.		
Non Hazardous Waste Solid				GAL.		
Transportation Charges			2	Hours		
Washout Charges		1658		Each		
Drained Used Oil Filters				Each		
Empty Drums				Each		
Additional Labor						
Pressure Washer						
Other:						

DISPOSAL/RECYCLING FACILITY: Collection Station X | Industrial | Agriculture | Government | Marine

TOTAL

NET 10 DAYS

- [ ] Alviso Independent Oil, 5002 Archer Street, Alviso, CA, CAL000161745, (510) 787-8511
- [ ] McKittrick Waste Treatment Site, 56533 Hwy 58 West, McKittrick, CA, CAD980636831, (805) 762-7368
- [ ] Solvent Services, dba Laidlaw, 1021 Berryessa Road, San Jose, CA, CAD059494310, (408) 451-6000
- [ ] AETS, 1125 Hensley Street, Richmond, CA, CAT080022146, (510) 233-8001
- [ ] Seaport Environmental, 675 Seaport Blvd, Redwood City, CA, CAD000032058, (415) 364-8154
- [ ] Commercial Fiber Recycling, 33210 Western Ave, Union City, CA, (510) 487-8277
- [ ] DeMenno Kerdoon, 2000 N. Alameda Blvd, Compton, CA, CAT080013352, (310) 671-3700
- [ ] Evergreen Oil, 6880 Smith Ave, Newark, CA, CAD980887418, (510) 795-4400
- [ ]

I, the undersigned certify that all information submitted in this and all attached documents contain true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. Clearwater transports all wastes to facilities which are properly permitted and licensed to accept these wastes.

DRIVER SIGNATURE [signature]

GENERATOR SIGNATURE [signature]

CHROMALAB, INC.

Environmental Services (SDB)

April 19, 1999 *Submission #:* 9904206

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 15, 1999

re: 1 sample for Lead analysis.
Method: *EPA 3050A/7420A*

Matrix: SOIL *Extracted:* April 19, 1999
Sampled: April 14, 1999 *Run#:* 18375 *Analyzed:* April 19, 1999

Spl#	CLIENT SPL ID	LEAD (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
236780	TDR-SP1-SP8	N.D.	5.0	N.D.	104	1

Shari Barekzai
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

April 19, 1999 *Submission #:* 9904206

ACC ENVIRONMENTAL CONSULTANTS
Atten: Stephen Southern
Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 15, 1999
re: One sample for Fuel Oxygenates by GC/MS analysis.
Method: *EPA SW846 Method 8260 Modified*

Client Sample ID: **TDR-SP1-SP8**
Spl#: 236780 *Matrix:* SOIL
Sampled: April 14, 1999 *Run#:* 18382 *Analyzed:* April 16, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TERTIARY BUTYL ALCOHOL (TBA)	N.D.	3000	N.D.	--	500
METHYL TERTIARY BUTYL ETHER (MTBE)	N.D.	3000	N.D.	95.2	500
DI-ISOPROPYL ETHER (DIPE)	N.D.	6100	N.D.	--	500
ETHYL TERTIARY BUTYL ETHER (ETBE)	N.D.	3000	N.D.	--	500
TERTIARY AMYL METHYL ETHER (TAME)	N.D.	3000	N.D.	--	500

Note: Reporting Limits Increased Due To Matrix Interference.

June Zhao
Analyst

Michael Verona
Operations Manager

510-638-8404 PM 04/19

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

April 19, 1999 *Submission #:* 9904206

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 15, 1999

re: One sample for Gasoline BTEX analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: TDR-SP1-SP8
Spl#: 236780 *Matrix:* SOIL
Sampled: April 14, 1999 *Run#:*18383 *Analyzed:* April 19, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	84	50	N.D.	130	5
BENZENE	N.D.	3.1	N.D.	115	5
TOLUENE	N.D.	3.1	N.D.	118	5
ETHYL BENZENE	N.D.	3.1	N.D.	115	5
XYLENES	N.D.	3.1	N.D.	111	5

Craig Hautzinger
Analyst

Michael Verona
Laboratory Operations Manager

510-638-8404

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096
Federal ID #68-0140157

PM V13S O:BTEXQC0220
CRAIG 16:19

"1184604/634 tic

45557

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
510/484-1919 • Facsimile 510/484-1096

Chain of Custody

DATE 15 APR 99 PAGE 1 OF 1

PROJ. MGR STEPHEN SOUTHERN
COMPANY ACC Environmental Consultants
ADDRESS 7977 Capwell Drive, Suite 100
Oakland, California 94621

SAMPLERS (SIGNATURE) [signature]
(PHONE NO.) (510) 638-8400
(FAX NO.) (510) 638-8404

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	MTBE 8260	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)	Composite		NUMBER OF CONTAINERS
TDR-SP1/SP2	4/14/99	1530	SOIL	COLD		X										X				X		X		1
TDR-SP3/SP4	|	|	|	|		X										X				X		X		1
TDR-SP5/SP6	|	|	|	|		X										X				X		X		1
TDR-SP7/SP8	4/14/99	1530	SOIL	COLD		X										X				X		X		1

SUBM #: 9904286 REP: PM
CLIENT: ACC
DUE: 04/19/99
REF #:45557

4.4° 4 soil tubes

RUSH

PROJECT INFORMATION

PROJECT NAME: T.D. ROWE
PROJECT NUMBER: 98-6521-001.00
P.O. # 98-6521-001.00

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	4
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

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

SPECIAL INSTRUCTIONS/COMMENTS:
COMPOSITE INTO 1 SAMPLE
48 HR TAT

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY
(SIGNATURE) [signature] (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) [signature] 1656 (TIME)
(PRINTED NAME) STEPHEN SOUTHERN (DATE) 4/15/99	(PRINTED NAME) (DATE)	(PRINTED NAME) [signature] 4-15-99 (DATE)
(COMPANY) ACC ENV.	(COMPANY)	(COMPANY) Chromalab

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY)
(SIGNATURE) [signature] 1201 (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) [signature] 1656 (TIME)
(PRINTED NAME) [signature] 4-15-99 (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) A Pands 4/15/99 (DATE)
(COMPANY) Chromalab	(COMPANY)	(LAB) Chromalab

CHROMALAB, INC.

Environmental Services (SDB)

April 22, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS
Atten: Stephen Southern
Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999
re: One sample for Fuel Oxygenates by GC/MS analysis.
Method: *EPA SW846 Method 8260 Modified*

Client Sample ID: **TDR-PIT-E**
Spl#: 237252 *Matrix:* SOIL
Sampled: April 16, 1999 *Run#:* 18448 *Analyzed:* April 21, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TERTIARY BUTYL ALCOHOL (TBA)	N.D.	46	N.D.	--	9
METHYL TERTIARY BUTYL ETHER (MTBE)	N.D.	46	N.D.	83.9	9
DI-ISOPROPYL ETHER (DIPE)	N.D.	92	N.D.	--	9
ETHYL TERTIARY BUTYL ETHER (ETBE)	N.D.	46	N.D.	--	9
TERTIARY AMYL METHYL ETHER (TAME)	N.D.	46	N.D.	--	9

Note: *Reporting Limits Increased Due To Matrix Interference. Surrogate Recoveries demonstrate Matrix interference.*

June Zhao
Analyst

Michael Verona
Operations Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

April 22, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS
Atten: Stephen Southern
Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999
re: One sample for Fuel Oxygenates by GC/MS analysis.
Method: *EPA SW846 Method 8260 Modified*

Client Sample ID: TDR-PIT-W
Spl#: 237253 *Matrix:* SOIL
Sampled: April 16, 1999 *Run#:* 18448 *Analyzed:* April 21, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TERTIARY BUTYL ALCOHOL (TBA)	57	5.0	N.D.	--	1
METHYL TERTIARY BUTYL ETHER (MTBE)	32	5.0	N.D.	83.9	1
DI-ISOPROPYL ETHER (DIPE)	N.D.	10	N.D.	--	1
ETHYL TERTIARY BUTYL ETHER (ETBE)	N.D.	5.0	N.D.	--	1
TERTIARY AMYL METHYL ETHER (TAME)	N.D.	5.0	N.D.	--	1

June Zhao
Analyst

Michael Verona
Operations Manager

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Federal ID #68-0140157

V060 0;000405 JIEWEI 11:59

CHROMALAB, INC.

Environmental Services (SDB)

April 22, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS
Atten: Stephen Southern
Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999
re: One sample for Fuel Oxygenates by GC/MS analysis.
Method: EPA SW846 Method 8260 Modified

Client Sample ID: TDR-PIT-N
Spl#: 237254 *Matrix:* SOIL
Sampled: April 16, 1999 *Run#:* 18448 *Analyzed:* April 21, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TERTIARY BUTYL ALCOHOL (TBA)	N.D.	60	N.D.	--	11
METHYL TERTIARY BUTYL ETHER (MTBE)	N.D.	60	N.D.	83.9	11
DI-ISOPROPYL ETHER (DIPE)	N.D.	120	N.D.	--	11
ETHYL TERTIARY BUTYL ETHER (ETBE)	N.D.	60	N.D.	--	11
TERTIARY AMYL METHYL ETHER (TAME)	N.D.	60	N.D.	--	11

Note: Reporting Limits Increased Due To Matrix Interference. Surrogate Recoveries demonstrate Matrix interference.

June Zhao
Analyst

Michael Verona
Operations Manager

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CHROMALAB, INC.

Environmental Services (SDB)

April 22, 1999

Submission #: 9904254

ACC ENVIRONMENTAL CONSULTANTS
Atten: Stephen Southern
Project: T.D.ROWE
Project#: 98-6521-001.00
Received: April 19, 1999
re: One sample for Fuel Oxygenates by GC/MS analysis.
Method: *EPA SW846 Method 8260 Modified*

Client Sample ID: TDR-PIT-S
Spl#: 237255
Matrix: SOIL
Sampled: April 16, 1999
Run#: 18448
Analyzed: April 21, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TERTIARY BUTYL ALCOHOL (TBA)	42	36	N.D.	--	7
METHYL TERTIARY BUTYL ETHER (MTBE)	N.D.	36	N.D.	83.9	7
DI-ISOPROPYL ETHER (DIPE)	N.D.	72	N.D.	--	7
ETHYL TERTIARY BUTYL ETHER (ETBE)	N.D.	36	N.D.	--	7
TERTIARY AMYL METHYL ETHER (TAME)	N.D.	36	N.D.	--	7

Note: Reporting Limits Increased Due To Matrix Interference.

June Zhao
Analyst

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Operations Manager

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CHROMALAB, INC.

Environmental Services (SDB)

April 23, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS
Atten: Stephen Southern
Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999
re: One sample for Fuel Oxygenates by GC/MS analysis.
Method: *EPA SW846 Method 8260 Modified*

Client Sample ID: **TDR-PIT**
Spl#: 237251 *Matrix:* WATER
Sampled: April 16, 1999 *Run#:* 18465 *Analyzed:* April 22, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
TERTIARY BUTYL ALCOHOL (TBA)	N.D.	500	N.D.	--	100
METHYL TERTIARY BUTYL ETHER (MTBE)	N.D.	500	N.D.	93.8	100
DI-ISOPROPYL ETHER (DIPE)	N.D.	1000	N.D.	--	100
ETHYL TERTIARY BUTYL ETHER (ETBE)	N.D.	500	N.D.	--	100
TERTIARY AMYL METHYL ETHER (TAME)	N.D.	500	N.D.	--	100

Note: Reporting Limits Increased Due To Matrix Interference.

June Zhao
Analyst

Michael Verona
Operations Manager

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

April 26, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999

re: 4 samples for Lead analysis.
Method: *EPA 3050A/7420A*

Matrix: SOIL *Extracted:* April 22, 1999
Sampled: April 16, 1999 *Run#:* 18443 *Analyzed:* April 23, 1999

Spl#	CLIENT SPL ID	LEAD (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
237252	TDR-PIT-E	N.D.	5.0	N.D.	102	1
237253	TDR-PIT-W	6.1	5.0	N.D.	102	1
237254	TDR-PIT-N	5.8	5.0	N.D.	102	1
237255	TDR-PIT-S	10	5.0	N.D.	102	1

Christopher Arndt
Analyst

Michael Verona
Operations Manager

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CHROMALAB, INC.

Environmental Services (SDB)

April 26, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999

re: One sample for Miscellaneous Metals analysis.
Method: *EPA 3010A/3050A/6010A Nov 1990*

Client Sample ID: TDR-PIT
Spl#: 237251 *Matrix:* WATER *Extracted:* April 22, 1999
Sampled: April 16, 1999 *Run#:* 18442 *Analyzed:* April 22, 1999

ANALYTE	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
LEAD	0.82	0.0050	N.D.	99.4	1

Christopher Arndt
Analyst

Michael Verona
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CHROMALAB, INC.

Environmental Services (SDB)

April 26, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999

re: One sample for Gasoline BTEX analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: TDR-PIT-W
Spl#: 237253 *Matrix:* SOIL
Sampled: April 16, 1999 *Run#:*18414 *Analyzed:* April 20, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	96	1
BENZENE	N.D.	0.0050	N.D.	101	1
TOLUENE	N.D.	0.0050	N.D.	101	1
ETHYL BENZENE	N.D.	0.0050	N.D.	103	1
XYLENES	N.D.	0.0050	N.D.	101	1

Vincent Vancil
Analyst

Michael Verona
Operations Manager

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CHROMALAB, INC.

Environmental Services (SDB)

April 26, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999

re: One sample for Gasoline BTEX analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: TDR-PIT
Spl#: 237251 *Matrix:* WATER
Sampled: April 16, 1999 *Run#:*18423 *Analyzed:* April 21, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	99000	12000	N.D.	97	250
BENZENE	220	120	N.D.	97	250
TOLUENE	500	120	N.D.	96	250
ETHYL BENZENE	1500	120	N.D.	91	250
XYLENES	14000	120	N.D.	91	250

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile.

Vincent Vancil
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PM V132 O:BTEXQC0220
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CHROMALAB, INC.

Environmental Services (SDB)

April 26, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999

re: One sample for Gasoline BTEX analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: TDR-PIT-E
Spl#: 237252 *Matrix:* SOIL
Sampled: April 16, 1999 *Run#:*18503 *Analyzed:* April 26, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	73	10	N.D.	106	1
BENZENE	N.D.	0.62	N.D.	98	1
TOLUENE	N.D.	0.62	N.D.	108	1
ETHYL BENZENE	N.D.	0.62	N.D.	106	1
XYLENES	N.D.	0.62	N.D.	106	1

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile.

Vincent Vancil
Analyst

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Operations Manager

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CHROMALAB, INC.

Environmental Services (SDB)

April 26, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999

re: One sample for Gasoline BTEX analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: TDR-PIT-N
Spl#: 237254 *Matrix:* SOIL
Sampled: April 16, 1999 *Run#:*18503 *Analyzed:* April 26, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	5900	100	N.D.	106	10
BENZENE	N.D.	6.2	N.D.	98	10
TOLUENE	8.3	6.2	N.D.	108	10
ETHYL BENZENE	66	6.2	N.D.	106	10
XYLENES	420	6.2	N.D.	106	10

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile.

Vincent Vancil
Analyst

Michael Verona
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Federal ID #68-0140157

FM V13S Q:BTEXQC0220
VINCE 17:05

CHROMALAB, INC.

Environmental Services (SDB)

April 26, 1999 *Submission #:* 9904254

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 19, 1999

re: One sample for Gasoline BTEX analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: TDR-PIT-S
Spl#: 237255 *Matrix:* SOIL
Sampled: April 16, 1999 *Run#:*18503 *Analyzed:* April 26, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	10	10	N.D.	106	1
BENZENE	N.D.	0.62	N.D.	98	1
TOLUENE	N.D.	0.62	N.D.	108	1
ETHYL BENZENE	N.D.	0.62	N.D.	106	1
XYLENES	N.D.	0.62	N.D.	106	1

Note: Hydrocarbon found in Gasoline Range is uncharacteristic of Gasoline Profile.

Vincent Vancil
Analyst

Michael Verona
Operations Manager

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Federal ID #68-0140157

PM V1.35 D:BTEXQC0220
VMCE 17.91

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CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756
510/484-1919 • Facsimile 510/484-1096

Environmental Services (SDB) (DOHS 1094)

Chain of Custody

DATE 16 APR 99 PAGE 1 OF 1

PROJ. MGR STEPHEN SOUTHERN
COMPANY ACC Environmental Consultants
ADDRESS 7977 Capwell Drive, Suite 100
Oakland, California 94621

SAMPLERS (SIGNATURE) [signature]
(PHONE NO.) (510) 638-8400
(FAX NO.) (510) 638-8404

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	MTBE 8260	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
TDR-PIT	4/16/99	1230	H_2O	HCL		X										X				X					4
TDR-PIT-E	|	1350	|	COLD		X										X				X					1
TDR-PIT-W	|	1420	|	|		X										X				X					1
TDR-PIT-N	|	1355	|	|		X										X				X					1
TDR-PIT-S	4/16/99	1410	SOIL	COLD		X										X				X					1

SUBM #: 9904234 REP: PM
CLIENT: ACC
DUE: 04/26/99
REF #:45608

5.6
4 SOIL TUBES
4 VOA'S

PROJECT INFORMATION

PROJECT NAME: T.D. ROWE
PROJECT NUMBER: 98-6521-001.00
P.O. # 98-6521-001.00

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	8
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT	STANDARD 5-DAY			24	48	72	OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
[signature] (SIGNATURE) (TIME)	(SIGNATURE) (TIME)	[signature] 1414 (SIGNATURE) (TIME)
STEPHEN SOUTHERN 4/16/99 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	B. Morrow 4/19/99 (PRINTED NAME) (DATE)
ACC ENV. (COMPANY)	(COMPANY)	Chromalab (COMPANY)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
[signature] 1305 (SIGNATURE) (TIME)	(SIGNATURE) (TIME)	[signature] 1414 (SIGNATURE) (TIME)
B. Morrow (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	A Parada 4/19/99 (PRINTED NAME) (DATE)
Chromalab (COMPANY)	(COMPANY)	Chromalab (COMPANY)

CHROMALAB, INC.

Environmental Services (SDB)

May 5, 1999 *Submission #:* 9904432

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 30, 1999

re: 2 samples for Lead analysis.
Method: *EPA 3050A/7420A*

Sampled: April 30, 1999 *Matrix:* SOIL *Extracted:* May 3, 1999
Run#: 18609 *Analyzed:* May 3, 1999

Spl#	CLIENT SPL ID	LEAD (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
239003	TDR-NWALL 1	6.7	5.0	N.D.	102	1
239004	TDR-NWALL 2	5.6	5.0	N.D.	102	1

Shafi Barekzai
Analyst

Eric Tam
Laboratory Director

510-638-8404 PM 05/05

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

May 4, 1999 *Submission #:* 9904432

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 30, 1999

re: One sample for Gasoline BTEX analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: TDR-NWALL 1
Spl#: 239003 *Matrix:* SOIL
Sampled: April 30, 1999 *Run#:*18628 *Analyzed:* May 3, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	91	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	100	1
ETHYL BENZENE	N.D.	0.0050	N.D.	97	1
XYLENES	N.D.	0.0050	N.D.	97	1

Vincent Vancil
Analyst

Eric Tam
Laboratory Director

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Federal ID #68-0140157

PM V132 O:BTEXQC0220
9/MAY 17:04

CHROMALAB, INC.

Environmental Services (SDB)

May 4, 1999 *Submission #:* 9904432

ACC ENVIRONMENTAL CONSULTANTS

Atten: Stephen Southern

Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 30, 1999

re: One sample for Gasoline BTEX analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: TDR-NWALL 2
Spl#: 239004 *Matrix:* SOIL
Sampled: April 30, 1999 *Run#:*18628 *Analyzed:* May 4, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	91	1
BENZENE	N.D.	0.0050	N.D.	100	1
TOLUENE	N.D.	0.0050	N.D.	100	1
ETHYL BENZENE	N.D.	0.0050	N.D.	97	1
XYLENES	N.D.	0.0050	N.D.	97	1

Vincent Vancil
Analyst

Eric Tam
Laboratory Director

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Federal ID #68-0140157

FM V132 O:BTEXQC0220
VINCE 17:04

CHROMALAB, INC.

Environmental Services (SDB)

May 5, 1999 *Submission #:* 9904432

ACC ENVIRONMENTAL CONSULTANTS
Atten: Stephen Southern
Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 30, 1999
re: One sample for Fuel Oxygenates by GC/MS analysis.
Method: *EPA SW846 Method 8260 Modified*

Client Sample ID: TDR-NWALL 1
Spl#: 239003 *Matrix:* SOIL
Sampled: April 30, 1999 *Run#:* 18664 *Analyzed:* May 4, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TERTIARY BUTYL ALCOHOL (TBA)	N.D.	5.0	N.D.	--	1
METHYL TERTIARY BUTYL ETHER (MTBE)	N.D.	5.0	N.D.	83.7	1
DI-ISOPROPYL ETHER (DIPE)	N.D.	10	N.D.	--	1
ETHYL TERTIARY BUTYL ETHER (ETBE)	N.D.	5.0	N.D.	--	1
TERTIARY AMYL METHYL ETHER (TAME)	N.D.	5.0	N.D.	--	1

Alex Tam
Analyst

Eric Tam
Laboratory Director

510-638-8404 PM 05/05

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V060 G:\DOS\05 YT 15:44

CHROMALAB, INC.

Environmental Services (SDB)

May 5, 1999 *Submission #:* 9904432

ACC ENVIRONMENTAL CONSULTANTS
Atten: Stephen Southern
Project: T.D.ROWE *Project#:* 98-6521-001.00
Received: April 30, 1999
re: One sample for Fuel Oxygenates by GC/MS analysis.
Method: *EPA SW846 Method 8260 Modified*

Client Sample ID: TDR-NWALL 2
Spl#: 239004 *Matrix:* SOIL
Sampled: April 30, 1999 *Run#:* 18664 *Analyzed:* May 4, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TERTIARY BUTYL ALCOHOL (TBA)	N.D.	18	N.D.	--	3
METHYL TERTIARY BUTYL ETHER (MTBE)	N.D.	18	N.D.	83.7	3
DI-ISOPROPYL ETHER (DIPE)	N.D.	35	N.D.	--	3
ETHYL TERTIARY BUTYL ETHER (ETBE)	N.D.	18	N.D.	--	3
TERTIARY AMYL METHYL ETHER (TAME)	N.D.	18	N.D.	--	3

Note: Reporting limits raised due to matrix interference.

Alex Tam
Analyst

Eric Tam
Laboratory Director

510-638-8404 PM 05/05

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096
Federal ID #68-0140157

V060 0.0C0405 YT 15:42

RUSH 9904432 45805

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
510/484-1919 • Facsimile 510/484-1096

Chain of Custody

DATE 30 APR 99 PAGE 1 OF 1

PROJ. MGR STEPHEN SOUTHERN
COMPANY ACC Environmental Consultants
ADDRESS 7977 Capwell Drive, Suite 100
Oakland, California 94621

SAMPLERS (SIGNATURE) STEPHEN SOUTHERN
(PHONE NO.) (510) 638-8400
(FAX NO.) (510) 638-8404

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	MTBE 8260	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
TDR-NWALL 1	4/30/99	1330	SOIL	COLD		X										X				X					1
TDR-NWALL 2	4/30/99	1325	SOIL	COLD		X										X				X					1

SUB #: 9904432 REP: PM
CLIENT: ACC
DUE: 05/05/99
REF #:45805

PROJECT INFORMATION

PROJECT NAME: T.D. POWE
PROJECT NUMBER: 98-6521-001.00
P.O. #: 6521-001.00

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	2
HEAD SPACE	
RECD GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT	STANDARD 5-DAY			24	48	72	OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
72 HR TAT
MAY HAVE HIGH GASOLINE CONCENTRATION

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3
(SIGNATURE) (TIME) 1545	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) STEPHEN SOUTHERN (DATE) 4/30/99	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY) ACC ENV.	(COMPANY)	(COMPANY)
RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) CRISELDA (TIME) 13:46 4/30/99
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) CL (DATE)

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1164

To: **ACC Environmental Consultants**
Attn.: **Stephen Southern**

Test Method: 8260A
Prep Method: 5030

MTBE by GC/MS - EPA8260A

Sample ID:	**PIT-2**	Lab Sample ID:	**1999-05-1164-001**
Project:	6546-002.00 T.D. ROWE	Received:	05/19/1999 17:25
		Extracted:	05/20/1999 19:26
Sampled:	05/18/1999 14:15	QC-Batch:	1999/05/20-02.06
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	05/20/1999 19:26	
Surrogate(s)						
1,2-Dichloroethane-d4	119.0	76-114	%	1.00	05/20/1999 19:26	sh

To: **ACC Environmental Consultants**
Attn.: Stephen Southern

Test Method: 8260A
Prep Method: 5030

Batch QC Report
MTBE by GC/MS - EPA8260A

Method Blank | **Water** | **QC Batch # 1999/05/20-02.06**

MB: 1999/05/20-02.06-001 | Date Extracted: 05/20/1999 11:53

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	05/20/1999 11:53	
Surrogate(s)					
1,2-Dichloroethane-d4	102.3	76-114	%	05/20/1999 11:53	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1164

To: **ACC Environmental Consultants**

Attn.: Stephen Southern

Test Method: 8015M
8020

Prep Method: 5030

Gas/BTEX

Sample ID:	PIT-2	Lab Sample ID:	1999-05-1164-001
Project:	6546-002.00 T.D. ROWE	Received:	05/19/1999 17:25
		Extracted:	05/20/1999 20:23
Sampled:	05/18/1999 14:15	QC-Batch:	1999/05/20-02.03
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	3200	50	ug/L	1.00	05/20/1999 20:23	g
Benzene	ND	0.50	ug/L	1.00	05/20/1999 20:23	
Toluene	ND	0.50	ug/L	1.00	05/20/1999 20:23	
Ethyl benzene	11	0.50	ug/L	1.00	05/20/1999 20:23	
Xylene(s)	54	0.50	ug/L	1.00	05/20/1999 20:23	
Surrogate(s)						
Trifluorotoluene	124.8	58-124	%	1.00	05/20/1999 20:23	
4-Bromofluorobenzene-FID	112.2	50-150	%	1.00	05/20/1999 20:23	
Trifluorotoluene-FID	NA	58-124	ug/L	1.00	05/20/1999 20:23	

To: **ACC Environmental Consultants**
Attn.: **Stephen Southern**

Test Method: 6010A
Prep Method: 3010A

Metals

Sample ID:	PIT-2	Lab Sample ID:	1999-05-1164-001
Project:	6546-002.00 T.D. ROWE	Received:	05/19/1999 17:25
		Extracted:	05/20/1999
Sampled:	05/18/1999 14:15	QC-Batch:	1999/05/20-01.15
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Lead	0.037	0.0050	mg/L	1.00	05/20/1999	