ETIC
ENVIRONMENTAL CONSULTING ENGINEERS
CONTRACTOR'S LICENSE NO. 624022

3275 Stevens Creek Blvd. #315
San Jose, CA 95117
408-244-7202
FAX 408-244-7277

7/16/99

Soil samples collected at ~14.5' bgs
under dispenser ~ 1' bgs
under piping, w/in 6

Ms. Julie Bellomy
Livermore-Pleasanton Fire Department
4550 East Avenue
Livermore, CA 94550

This report provides documentation for the closure of four USTs at the Flying Ram (Livermore Gas and Mini Mart), 160 Holmes Street in Livermore. Prior to tank closure, on 2/26/99, a boring was advanced next to the tanks, to log soil and determine depth to groundwater. A groundwater grab sample was collected and analyzed for TPHg/BTEX/MtBE. The sample was impacted by petroleum hydrocarbons (TPHg: 100,000 ug/l, Benzene: 6,100 ug/l, MtBE: 60,000). The results were communicated to the Livermore-Pleasanton Fire Department (LPFD) and a UST unauthorized release report was generated. Appendix A presents analyticals and the unauthorized release report.

The removal and disposal of 4 USTs, associated dispensers and piping was completed on 4/5/99, in the presence of the Livermore-Pleasanton Fire Department (LPFD) inspector. The Livermore-Pleasanton Fire Department (LPFD) UST removal permit and the inspector UST closure checklist are presented in Appendix B.

The USTs were excavated and loaded on waiting trucks; they were manifested and transported to Erickson Inc., a licensed disposal facility in Richmond, California, where they were properly disposed. The transportation manifests and tank disposal certificates are presented in Appendix C.

Soil samples were collected from native soil beneath the USTs. Because of the size of the pit the backhoe was able to reach only the west side of the excavation on 4/5/99; four samples were collected and analyzed for TPHg/BTEX and MtBE; the sample from beneath the diesel tank was also analyzed for TPHd. No TPHg, TPHd, or BTEX constituents were detected in the samples; MtBE ranged from 24 to 110 mg/kg in all four samples. On ~~5/6/99~~, soil samples were collected from beneath the ~~west~~ east end of the tanks. Low levels of TPHg and levels of MtBE were found, no TPHd or lead was detected. On 4/5 and again on 5/6/99 the stockpile was sampled and analyzed for TPHg/BTEX/MtBE and lead; MtBE was detected at 0.7 and 12 mg/kg respectively, but TPHd and gasoline were detected only in the 5/6/99 sampling event (80 and 61 mg/kg respectively). No BTEX or lead was detected. The analytical results are presented in Appendix D.

(0.7 - 2000 ppm range)

On 5/20/99 samples were collected beneath the dispenser islands. TPHg was found beneath the east dispenser island in varying concentrations ranging from 32 mg/kg to 6,500 mg/kg; no diesel was detected. The results of this analysis are presented in Appendix E.

Should you have questions regarding this report please contact the undersigned at (408) 244-7202.

Costas Orountiotis
Project Engineer

99 JUL 22 PM 2:56
ENVIRONMENTAL PROTECTION

CHROMALAB, INC.

Environmental Services (SDB)

March 5, 1999

Submission #: 9903002

ETIC

Atten: Costas Orountiotis

Project: EXXON
Received: February 26, 1999

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

Client Sample ID: **EXXON1**
Spl#: 230532
Sampled: February 26, 1999
Matrix: **WATER**
*Run#:*17671
Analyzed: March 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	1000000	25000	N.D.	98	500
MTBE	60000	2500	N.D.	99	500
BENZENE	6100	250	N.D.	89	500
TOLUENE	16000	250	N.D.	90	500
ETHYL BENZENE	2500	250	N.D.	88	500
XYLENES	11000	250	N.D.	87	500

Vincent Vancil
Analyst

Michael Verona
Operations Manager

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

44773

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

Lab: ______

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

Sub-Contract

Chain of Custody

DATE 2/26/99 PAGE 1 OF 1

PROJ MGR C. OROUNTIOTIS
COMPANY ETIC
ADDRESS
SAMPLERS (SIGNATURE)
(PHONE NO.) 244-7202
(FAX NO.) 7277

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPHg/MtBE	BTEX	ChromaLab Reference or Submission Number(s)	NUMBER OF CONTAINERS
EXXON1	2/26/99		H2O	Ice	X	X		2

2 VOAS ... CM

PROJECT INFORMATION

PROJECT NAME Exxon
PROJECT NUMBER
P.O. # ET 826

SAMPLE RECEIPT

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

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

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1	RELINQUISHED BY 2	RELINQUISHED BY 3
(SIGNATURE) [signature] (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) C. OROUNTIOTIS (DATE) 2/26/99	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY) ETIC	(COMPANY)	(COMPANY)

RECEIVED BY 1	RECEIVED BY 2	RECEIVED BY (LABORATORY) 3
(SIGNATURE) [signature] (TIME) 1547	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) A. Pavelos (DATE) 2/26/99	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY) Chromalab	(COMPANY)	(LAB)

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

EMERGENCY ☐ YES ☒ NO

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

REPORT DATE: 03/23/99 | CASE #:

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED: Julie Belomy DATE: 5/23/99

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Julie Belomy, for LP Fire | PHONE: (925) 454-2339 | SIGNATURE: Julie Belomy

REPRESENTING ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER _____ | COMPANY OR AGENCY NAME: Livermore-Pleasanton Fire Dept.

ADDRESS: 4550 East Avenue (STREET) | Livermore (CITY) | CA (STATE) | 94550-5046 (ZIP)

RESPONSIBLE PARTY

NAME: Manwel Shuwayhat ☐ UNKNOWN | CONTACT PERSON: | PHONE: (415) 461-9557

ADDRESS: 54 Wolfe Canyon Rd. (STREET) | Kentfield (CITY) | CA (STATE) | 94904 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Livermore Gas & Mini Mart | OPERATOR: Manwel Shuwayhat | PHONE: (415) 461-9557

ADDRESS: 160 Holmes Street (STREET) | Livermore (CITY) | Alameda (COUNTY) | 94550 (ZIP)

CROSS STREET: First Street

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: Livermore-Pleasanton Fire | CONTACT PERSON: Julie Belomy | PHONE: (925) 454-2339

REGIONAL BOARD: S.F. RWQCB | PHONE: ( )

SUBSTANCES INVOLVED

(1) NAME: Gasoline; MTBE; BTEX | QUANTITY LOST (GALLONS): ☒ UNKNOWN

(2) NAME: | QUANTITY LOST (GALLONS): ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 02/26/99 | HOW DISCOVERED: ☐ INVENTORY CONTROL ☒ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☐ TANK REMOVAL ☐ OTHER _____

DATE DISCHARGE BEGAN: ☒ UNKNOWN

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☐ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER _____

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE: 12/22/98

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER _____

CASE TYPE

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

CURRENT STATUS

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

REMEDIAL ACTION

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

COMMENTS

Contamination encountered during drilling for soil stability evaluation... USTs to be replaced within next two months...

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION
COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # T 3
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR) unknown
D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 4 OIL ☒ 2 PETROLEUM ☐ 80 EMPTY ☐ 3 CHEMICAL PRODUCT ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85 ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. #:

III. TANK CONSTRUCTION
MARK ONE ITEM ONLY IN BOXES A, B, AND C. AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☒ 2 SINGLE WALL ☐ 4 SINGLE WALL IN A VAULT ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 9 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ✓

IV. PIPING INFORMATION
CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A (U) 3 GRAVITY A U 4 FLEXIBLE PIPING A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER ___

D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☒ 99 OTHER unknown

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☒ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR) 11/12/98
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 100 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE) DATE 9/18/98

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # 1 JURISDICTION # FACILITY # TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION
COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # T2
B. MANUFACTURED BY: unknown
C. DATE INSTALLED (MO/DAY/YEAR) unknown
D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☒ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 90 EMPTY ☐ 85 UNKNOWN
B. ☒ 1 PRODUCT ☐ 2 WASTE
C. ☐ 1a REGULAR UNLEADED ☒ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 98 OTHER (DESCRIBE IN ITEM D. BELOW) ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. #:

III. TANK CONSTRUCTION
MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ✓

IV. PIPING INFORMATION
CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION; A U 2 PRESSURE; A (U) 3 GRAVITY; A U 4 FLEXIBLE PIPING; A U 99 OTHER
B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A (U) 95 UNKNOWN; A U 99 OTHER ___
D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☒ 99 OTHER unknown

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☒ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR): 11/18/98
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 100 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE): DATE: 9/18/98

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (6-95)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # T1	B. MANUFACTURED BY: unknown
C. DATE INSTALLED (MO/DAY/YEAR) unknown	D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A: ☐ 1 MOTOR VEHICLE FUEL ☒ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 85 UNKNOWN

B: ☒ 1 PRODUCT ☐ 2 WASTE

C: ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW) ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ☒

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 4 FLEXIBLE PIPING A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☒ 99 OTHER unknown

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☒ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL?
11/15/98	100 GALLONS	YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE)	DATE
	9/15/98

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED:

I. TANK DESCRIPTION • COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# T4
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR) Unknown
D. TANK CAPACITY IN GALLONS: ~~1,000~~ 12,000

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☒ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN
B. ☒ 1 PRODUCT ☐ 2 WASTE
C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☒ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85 ☐ 98 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ DROP TUBE YES ___ NO ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ✓

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION; A U 2 PRESSURE; A (U) 3 GRAVITY; A U 4 FLEXIBLE PIPING; A U 99 OTHER
B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 6 ALUMINUM; A U 8 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A (U) 95 UNKNOWN; A U 99 OTHER ___
D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☒ 99 OTHER Unknown

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☒ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR) 11/18/98
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 100 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE) DATE 9/18/98

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☒ 6 TEMPORARY SITE CLOSURE ☐ 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: Livermore Gas + Mini-Mart		NAME OF OPERATOR: Manwel Shuwayhat	
ADDRESS: 160 Holmes Street		NEAREST CROSS STREET: 2nd Street	PARCEL # (OPTIONAL)
CITY NAME: Livermore,	STATE: CA / ZIP CODE: 94550		SITE PHONE # WITH AREA CODE: 510-455-4212

✓ BOX TO INDICATE: ☐ CORPORATION ☒ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL AGENCY DISTRICTS ☐ COUNTY AGENCY * ☐ STATE AGENCY * ☐ FEDERAL AGENCY *

* If owner of UST is a public agency, complete the following: name of supervisor of division, section or office which operates the UST _____

TYPE OF BUSINESS	✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
☒ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☐ 9 OTHER	☐	4	

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): Manwel Shuwayhat	PHONE # WITH AREA CODE: 510-455-4212	DAYS: NAME (LAST, FIRST): Costas Orountiotis	PHONE # WITH AREA CODE: 408-274-7202
NIGHTS: NAME (LAST, FIRST): Manwel Shuwayhat	PHONE # WITH AREA CODE: 415-461-9557	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: Manwel Shuwayhat		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS: 54 Wolfe Canyon Rd		✓ box to indicate: ☒ INDIVIDUAL ☐ LOCAL AGENCY ☐ STATE AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY AGENCY ☐ FEDERAL AGENCY	
CITY NAME: Kentfield	STATE: CA / ZIP CODE: 94904		PHONE # WITH AREA CODE: 415-461-9557

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: SAME as II		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS		✓ box to indicate: ☐ INDIVIDUAL ☐ LOCAL AGENCY ☐ STATE AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY AGENCY ☐ FEDERAL AGENCY	
CITY NAME	STATE / ZIP CODE		PHONE # WITH AREA CODE

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44- ☐☐☐☐☐☐

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: ☐ 1 SELF-INSURED ☐ 2 GUARANTEE ☐ 3 INSURANCE ☐ 4 SURETY BOND ☐ 5 LETTER OF CREDIT ☐ 6 EXEMPTION ☐ 7 STATE FUND ☒ 8 STATE FUND & CHIEF FINANCIAL OFFICER LETTER ☐ 9 STATE FUND & CERTIFICATE OF DEPOSIT ☐ 10 LOCAL GOVT. MECHANISM ☐ 99 OTHER _____

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. ☐ II. ☒ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE)	TANK OWNER'S TITLE	DATE MONTH/DAY/YEAR
		9/18/98

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #

LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM A (8-98)

U

Livermore-Pleasanton Fire Department
4550 East Avenue
Livermore, CA 94550
(5925) 454-2364 FAX: (925) 454-2367

UNDERGROUND TANK CLOSURE PLAN

1. Name of Business Livermore Gas + Mini-Mart Phone 925-455-4212
   Business Owner or Contact Person Manwel Shawaghat FAX ✓
   Site Address 160 Holmes street Livermore, CA 94550
   EPA ID # _____
2. Property Owner Manwel Shawaghat
   Owner Address 54 Wolfe Canyon Rd, Kentfield, CA 94904
3. Contractor ETIC
   Address 3275 Stevens Creek Blvd, San Jose, CA 95117
   Phone 408-244-7202 License Type A - Haz ID # 624022
4. Required attachments:
   - ☑ Worker's Compensation Certificate copy
   - ☑ Plot Plan
   - ☑ State "A" and "B" forms (one "B" for each UST removed)
   - ☐ Pleasanton: Check payable to the City of Pleasanton in the amount of $251.00
     Livermore: Check payable to the City of Livermore in the amount of $605.00
   - ☑ Site Health & Safety Plan
   - ☐ Business License

TANK INFORMATION

5. Number of underground tanks being closed with this plan 4
6. Total number of underground tanks at this facility 4
7. Length of piping being removed under this plan 80
8. Have tanks or pipes leaked in the past ☐ yes ☐ no ☑ unknown
   If yes, describe: _____

	CalARP	TPHG	TPHD	BTX&E	TE Lead	CL Hydro	O&G	EPA 8270	pH	MtBE	Other (specify)
Tank 1		✓		✓						✓	
Tank 2		✓		✓						✓	
Tank 3		✓		✓						✓	
Tank 4			✓	✓							
Tank 5											

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 permanently plugged. It is the contractor's responsibility to bring a working combustible gas indicator on site to verify that the tank is inert. Tanks cannot be removed from the ground unless the LEL is < 20% and O_2 is 10%.

9. Describe methods to be used for rendering tank(s) inert: Empty tanks, rinse tanks, empty rinseate, use CO_2 to inert tanks, + displace O_2.

Tank History: One soil sample must be collected for every 20 linear feet of piping that is removed. An underground water sample must be collected if any ground water is present in the excavation. Two soil samples must be collected at each end of the underground tank in native soil (one sample for _____). The meter must be calibrated in the fire inspector's presence.

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

Sampling plan for stockpiled soil: One composite (4 subsamples) per 100 yard.

Will the excavated soil be returned to the excavation immediately after tank removal? No

If yes, explain reasoning _____

Please be aware that excavated soil may not be returned to the excavation without prior approval from the Livermore-Pleasanton Fire Department. This means that the contractor, consultant, or responsible party must communicate with the Specialist in advance of backfilling operations.

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

CONTRACTOR INFORMATION:

a) ***Product/Residual Sludge/Rinsate Transporter***

Name North Valley Oil EPA ID# CAL000027759

Hauler License # 3027 License Exp. Date 8/31/99

Address 5002 Archer Street, Alviso, CA 95002

b) ***Product/Residual Sludge/Rinsate Disposal Site***

Name Alviso Independent Oil EPA ID# CAL000161743

Address 5002 Archer Street, Alviso, CA 95002

c) ***Tank & Piping Transporter***

Name ECI EPA ID# CAD982030173

Address 255 Parr ~~Avenue~~ Blvd., Richmond, CA, 94801

d) ***Tank & Piping Disposal Site***

Name ~~ECI~~ ERickson INC. EPA ID# CAD009466342

Address 255 Parr Blvd. Richmond CA 94801

e) ***Sample Collector***

Name ETIC EPA ID# N.A.

Address 3275 Stevens Creek Blvd, #315, San Jose CA 95117

f) ***Laboratory***

Name Chromalab Inc. EPA ID# N.A.

Address 1220 Quarry Lane, Pleasanton, CA 94566-4756

A final closure report must be submitted within 60 days of tank closure which describes the closure activities, presents the sample analysis results (copies of lab reports and chain of custody) and documents the final disposal of waste materials, tanks, and piping (one copy of the waste manifests).

[redacted]

Permit # 98-15 *Effective Date:* 11/3/98 *Expiration Date:* 5/3/99

[redacted]

Permit Issued to: ETIC

Site Facility: Livermore Gas & MiniMart

Site Address: 160 Holmes Street

Contact Person: Costas Orountiotis *Phone #* 408-462-2296

This permit does not take the place of any license required by law and is not transferrable. Any change in the use, occupancy, or plans shall require a new or modified permit.

This permit is issued and accepted on condition that all provisions of the currently adopted edition of the Uniform Fire Code be complied with. Any violations of the provisions may be grounds for the revocation of this permit.

Additional Comments:

SOIL SAMPLING MUST BE CONDUCTED UNDER THE PIPING.
Must be removed in accordance with approved closure plan. Any modifications to plan must be pre-approved. Explosimeter must be calibrated in the inspector's presence.

Mike Bolomey
Authorized Signature

11/3/98
Date

THIS PERMIT MUST BE KEPT POSTED AT ALL TIMES ON THE PREMISES MENTIONED ABOVE

[redacted]

Livermore-Pleasanton Fire Department
4550 East Avenue
Livermore, CA 94550
(925) 454-2364 FAX: (925) 454-2367

UNDERGROUND TANK CLOSURE CHECKLIST

Business Name: Fluid Power Date: 11/97

Business Address: 100 Holmes # Tanks being removed: 4

Tank #1	Size: 500	Contents:	used
Tank #2	Size: 2 000	Contents:	used
Tank #3	Size: 12 000	Contents:	gas
Tank #4	Size: 12,000	Contents:	gas

1. Tank closure permit has been obtained and is on site. ☑ Yes ☐ No
2. Any changes from approved closure plan? No
3. A 40 B:C fire extinguisher on site? ☒ Yes ☐ No
4. A residual material removed from tank? ☒ Yes ☐ No
   If yes, have residuals been properly contained for off-site transport? Solid to used liquid dump
5. Observed receipt for dry ice? ☒ Yes ☐ No

Number of pounds of dry ice in each tank?	#1	#2	#3	#4

all flushed w water

6. Contractor has calibrated combustible gas detector *in presence of inspector*? ☑ Yes ☐ No
   Comments:
7. Combustible gas readings/oxygen readings:
   Take three measurments, one near the top, center and bottom of tank and report the findings:

Tank #	Contents	% LEL (top)	% LEL (mid)	% LEL (bottom)	% O_2 (top)	% O_2 (mid)	% O_2 (bottom)	OK to remove?
1	[illegible]	<5%		<2	<10		<5%	✓
2	<5%				<5%		<5%	✓
3	<5%				<5%		<5%	✓
4	<5%				<5%		<5%	✓

Tank cannot be pulled if concentation of flammable vapors exceeds 20% of the LEL of the material in the tank or the oxygen concentration exceeds 5%.

2/OK

8. After tank is removed, observe conditions of tank(s) and piping:

	Tank 1	Tank 2	Tank 3	Tank 4
Any corrosion or holes?	No	No	No	No
Was the tank wrapped?	Yes	Yes	Yes	Yes
Any hydrocarbon vapors?	Yes	Yes	Yes	Yes
Any discoloration of the soil in the tank pit or along piping trench?	Yes	Yes	Yes	Yes

Compostion of backfill: Sand/gravel

Other observations: Evidence of spill/fill - odor, discoloration around fill tube side of tanks

1600 Holmes 4/5/99

9. Was there evidence of contamination which would trigger the 24-hour release reporting requirements? If yes, was a blank copy provided to site operator? ☒ Yes ☐ No

10. Has obvious contamination been removed? ☐ Yes ☒ No
Has obvious contamination been left in place: ☒ Yes ☐ No

Describe details of approximately how much and where it will be disposed of? Soil will be returned to excavation to prevent collapse until load. All spoils ~~fill~~ to be removed when new tanks installed

11. Is water observed in tank pit? ☐ Yes ☒ No If yes, a sample of the water must be taken.
Sample collected? ☐ Yes ☐ No

12. Soil samples must be collected in the tank pit under each end of the tank, a minimum of two feet into native soil according to the closure plan.
Soil samples were collected according to the closure plan. only west end ☐ Yes ☐ No
Soil samples must also be collected under piping at 20 ft. intervals. ☐ Yes ☒ No To be done later when ~~tank~~ Piping Removed
Samples of the stockpile must be taken to determine disposal options. ☒ Yes ☐ No

13. The samples were properly taken? ☒ Yes ☐ No
The samples were properly sealed and labeled. ☒ Yes ☐ No
The chain of custody form was observed to be properly completed? ☒ Yes ☐ No
The samples were placed in an iced chest? ☒ Yes ☐ No
Name of analytical laboratory Chemalab

14. The tank pit must be filled with soil or properly barricaded to prevent unauthorized access.
Was the tank pit filled with: ☐ new soil ☐ excavated backfill - *OR* -
Was the tank pit left open pending analytical results? ☐ Yes ☐ No
Was the tank pit covered/barricaded? ☒ Yes ☐ No

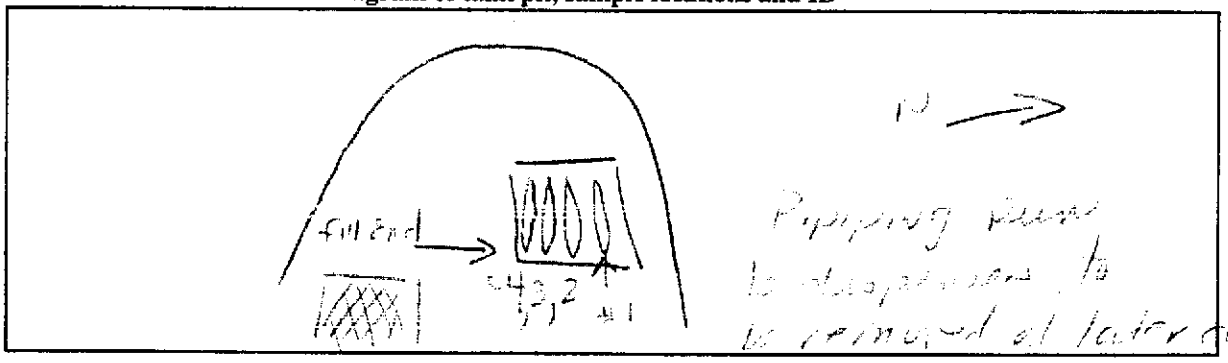
15. Tanks loaded onto hauler vehicle have identifying numbers spray painted on them? ☒ Yes ☐ No

16. Hauler provides documentation of current certification as a hazardous waste hauler. ☒ Yes ☐ No

17. Manifest observed to be properly completed (name and address, EPA ID, hauler name, disposal site, signed and dated).
Name of disposal site Yes

18. Were all containers, residual tanks and associated piping transported off site and manifested? ☒ Yes ☐ No

Diagram of tank pit, sample locations and ID



19. Certification and proper tanks cleaning observed? ☐ Yes ☐ No ☒ N/A

Signed [signature] Date 4/5/99 ~~Number~~ of hours to complete : 5.5 hr today

Signature of Business Responsible: [signature]

Inspector: D. Stefani

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.
5205784

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC001420576
Manifest Document No.: 51271
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: MANWEL SHUWAYHAT, 54 WOLFE GRADE, KENTFIELD, CA 94904
4. Generator's Phone: (415) 461-9557

A. State Manifest Document Number: 98751271
B. State Generator's ID

5. Transporter 1 Company Name: D-SAN CORPORATION ~~ECOLOGY CONTROL INDUSTRIES~~
6. US EPA ID Number: CAL000527890 ~~CAD[illegible]~~

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: CAD009466392
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	001	TP	12000	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: 1 EMPTY STORAGE TANK(S) [illegible] TANK(S) HAVE BEEN INERTED WITH 15 LBS DRY ICE PER 1000 GALLONS CAPACITY

K. Handling Codes for Wastes Listed Above: 01

15. Special Handling Instructions and Additional Information
Wear appropriate protective clothing when handling.
24 hour Emergency Telephone Number: (415) 461-9557
24 Hour Emergency Contact: (NAME): M. SHUWAYHAT ERG# 171
SITE LOCATION: 160 HOLMES ST LIVERMORE 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: Manwel M. Shuwayhat | Signature: [signature] | Month 04 Day 05 Year 99

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: STACY L. PUMMILL | Signature: [signature] | Month 04 Day 05 Year 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: DAVID SATO | Signature: DAVE SATO | Month 04 Day 05 Year 99

GENERATOR / TRANSPORTER / FACILITY

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

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700—22

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS. To: P.O. Box 3000, Sacramento, CA 95812

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.

5205784

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
CA0001421576	51255	1 of 1	

3. Generator's Name and Mailing Address + ZIP
Manuel Shawyahat
54 White Canyon Rd. Kentfield, CA 94904

4. Generator's Phone (415) 461-9557

A. State Manifest Document Number: 98751255

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: CAD009466392
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 Numbers
a. WASTE EMPTY STORAGE TANK Non-RCRA hazardous waste solid	001	TP	12,000	P	State: ST EPA/Other: NONE
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above
QTY 1 EMPTY STORAGE TANK# 26276
TANKS HAVE BEEN INERTED WITH
15 LBS DRY ICE PER 1000 GAL TANK CAPACITY

K. Handling Codes for Wastes Listed Above
a. 01
b.
c.
d.

15. Special Handling Instructions and Additional Information
Wear appropriate protective clothing when handling.
SITE LOCATION: 160 HOLMES ST. LIVERMORE, CA
24 hour Emergency Telephone Number: M. SHAWYAHAT
24 hour Emergency Contact: 415-461-9557 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
MANUEL SHAWYAHAT	Manuel Shawyahat	04	05	99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ROBERT STULAC	Robert Stulac	04	05	99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MANUEL SHAWYAHAT (Error)	(Error)			

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
DAVID SATO	DAVE SATO	04	05	99

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700—22

98751255

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

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.

5205784

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
CAC001420576	51256	1 of 1	

GENERATOR

3. Generator's Name and Mailing Address
Manuel M. Shuwayhat
54 Wolf Canyon Rd., Kentfield, CA 94904

4. Generator's Phone (415) 461 - 9557

A. State Manifest Document Number: 98751256

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: CAD009466392
H. Facility's Phone: 510-235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. WASTE EMPTY STORAGE TANK Non-RCRA hazardous waste solid	001	TP	09225	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
OR 1 EMPTY STORAGE TANK 2500 GAL
TANK(S) HAVE BEEN INERTED WITH
25 LBS DRY ICE PER 1000 GALLONS OF TANK

K. Handling Codes for Wastes Listed Above
01

15. Special Handling Instructions and Additional Information
Wear appropriate protective clothing when handling.
24 Hour Emergency Telephone Number: 415-461-9557.
24 Hour Emergency Contact: Manuel Schayahat. ERG# 171

SITE LOCATION: 160 Holmes Livermore, 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	Signature	Month	Day	Year
Manuel M Shuwayhat	Manuel M Shuwayhat	04	05	99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
SEAN McDONNELL	S McDonnell	04	05	99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Manuel M. Shuwayhat	Manuel M. Shuwayhat	04	05	99

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
DAVID SATO	DAVE SATO	04	05	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

98751256

White: COPY SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
Yellow: P.O. Box 806[illegible] Sacramento, CA 958[illegible]

DTSC 8022A (4/97)
EPA 8700—22

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.

5205784

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. CAC0214205765 — Manifest Document No. 98751257 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address: Manuel Shuwayhat, 54 Wilde Canyon Rd Kentfield CA 94904
4. Generator's Phone (415) 461-9557
A. State Manifest Document Number: 98751257
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: CAD009466392
H. Facility's Phone: 510-235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. WASTE EMPTY STORAGE TANK Pipine Non-RCRA hazardous waste solid, non RCRA hazardous waste solid	001	CM TP	02000	P	State: 352.51 EPA/Other: NONE
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above — K. Handling Codes for Wastes Listed Above

QTY: Pipe EMPTY STORAGE TANKS 28305 — 01192
TANKS HAVE BEEN INERTED WITH
35 LBS DRY ICE PER 1000 GALLONS CAPACITY

15. Special Handling Instructions and Additional Information
Wear appropriate protective clothing when handling.
24 Hour Emergency Telephone Number: Manuel Shuwayhat
24 Hour Emergency Contact: 415-461-9557 — ERG# 171
SITE LOCATION:

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: MANUEL SHUWAYHAT — Signature: Manuel Shuwayhat — Month 04 Day 05 Year 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CARLOS FIGUEROA — Signature: Carlos R Figueroa — Month 04 Day 05 Year 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: DAVID SATO — Signature: DAVE SATO — Month 04 Day 05 Year 99

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700—22

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. 5205784

Department of Toxic Substances Control
Sacramento, California

98079713

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. CAC001420576 — Manifest Document No. 79713 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: Manuel M Shuwayhat, 54 Wolf Canyon Rd. Kentfield CA 94904
4. Generator's Phone (415) 461 9557

A. State Manifest Document Number: 98079713
B. State Generator's ID:
C. State Transporter's ID:
D. Transporter's Phone: (925) 684-3919
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: CAD009466392
H. Facility's Phone: 510-235-1393

5. Transporter 1 Company Name: BYARS TRUCKING — 6. US EPA ID Number: CAD982346207
7. Transporter 2 Company Name — 8. US EPA ID Number

9. Designated Facility Name and Site Address: ERICKSON INC. 255 PARR BLVD RICHMOND, CA 94801 — 10. US EPA ID Number: CAD009466392

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
WASTE EMPTY STORAGE TANK Non-RCRA hazardous waste solid	001	TP	09225	P	State: CA2 RCRA: NONE
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

EMPTY STORAGE TANK(S) HAVE BEEN NEUTRALIZED WITH 15 LBS SODA ASH PER 1000 GALLONS CAPACITY

15. Special Handling Instructions and Additional Information
Wear appropriate protective clothing when handling. **SITE LOCATION:** 160 HOLMES LIVERMORE, CA.
24 Hour Emergency Telephone Number: 415 461 9557
24 Hour Emergency Contact: Manuel Schuyahat **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.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bill Dollosso	Bill Dollosso	04	05	99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MANUEL M Shuwayhat	Manuel M Shuwayhat	04	05	99

FACILITY

19. Discrepancy Indication Space
TANK# 26294.
16 - GENERATOR SIGNED ON SECTION 18.

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
DAVID SATO	DAVE SATO	04	06	99

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700—22

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 3000 Sacramento, CA 95812

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 31764

CUSTOMER

JOB NO. 5205784
ETIC

FOR: ERICKSON, INC. TANK NO. 26308

LOCATION: RICHMOND. CA DATE: 4/5/99 TIME: 11:53:32

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

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 197 LF GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

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 permissable 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.

REPRESENTATIVE TITLE INSPECTOR

CP5995

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 31763

CUSTOMER

JOB NO. 5205784
ETIC

FOR: ERICKSON, INC. TANK NO. 26297

LOCATION: RICHMOND, CA DATE: 4/22/99 TIME: 11:48:44

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

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 12,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

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 permissable 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.

Patricia Collins — Dave Jette

REPRESENTATIVE TITLE INSPECTOR

CP5995

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 31762

CUSTOMER

JOB NO. 5205784
ETIC

FOR: ERICKSON, INC. TANK NO. 26296

LOCATION: RICHMOND, CA DATE: 4/22/99 TIME: 11:48:09

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

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 12,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

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 permissable 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.

Patricia Allen — Dave Lotto

REPRESENTATIVE TITLE INSPECTOR

CP5995

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 31769

CUSTOMER

JOB NO. 6206784
ETIC

FOR: ERICKSON, INC. TANK NO. 26295

LOCATION: RICHMOND, CA DATE: 4/22/99 TIME: 11:47:21

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

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 12,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

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 permissable 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.

REPRESENTATIVE _____ TITLE _____ INSPECTOR _____

CP5995

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 31768

CUSTOMER

JOB NO. 5205784
ETIC

FOR: ERICKSON, INC. TANK NO. 26294

LOCATION: RICHMOND, CA DATE: 5/4/99 TIME: 11:43:17

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT DIESEL

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 12,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

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 permissable 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.

Patricia Gallun — Dave Patt

REPRESENTATIVE TITLE INSPECTOR

CP5995

7904065/235531

Reference #: 45383

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 4/5/99 PAGE 1 OF 1

PROJ MGR C. Orountiotis
COMPANY ETIC Engineering
ADDRESS 3275 Stevens Creek Blvd., #315
San Jose, CA 95117

SAMPLERS (SIGNATURE)

(PHONE NO.) (408) 244-7202
(FAX NO.) (408) 244-7277

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒Gas w/ ☐ BTEX ☐MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☐Kerosene, ☐Diesel, ☐M.O.	PURGEABLE HALOCARBONS, (HVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)	☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☐ W.E.T. (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
STOCK-1	4/5/99		Soil	ice	X															4.7°C/P				1
																				1 soil tube				

SUBN #: 9904065 REP: PH
CLIENT: ETIC
DUE: 04/13/99
REF #:45383

PROJECT INFORMATION

PROJECT NAME Livermore
PROJECT NUMBER
P.O. # ET844

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	1
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

TAT	STANDARD 5-DAY			24	48	72	OTHER

Report: ☒ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report

SPECIAL INSTRUCTIONS/COMMENTS:
Stockpile sample

RELINQUISHED BY 1.	RELINQUISHED BY 2	RELINQUISHED BY 3
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 1615 (TIME)
C. OROUNTIOTIS		
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
ETIC 4/6/99		
(COMPANY)	(COMPANY)	(COMPANY)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3**
(SIGNATURE) 1031 (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 1615 (TIME)
(PRINTED NAME) 4-6-99 (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) 4/6/99 (DATE)
(COMPANY)	(COMPANY)	(LAB)

CHROMALAB, INC.

Environmental Services (SDB)

April 13, 1999 *Submission #:* 9904065

ETIC

Atten: Costas Orountiotis

Project: LIVERMORE *Project#:* ET844
Received: April 6, 1999

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

Client Sample ID: **STOCK-1**
Spl#: 235531 *Matrix:* SOIL
Sampled: April 5, 1999 *Run#:*18232 *Analyzed:* April 9, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	10	N.D.	102	1
MTBE	0.70	0.62	N.D.	90	1
BENZENE	N.D.	0.62	N.D.	96	1
TOLUENE	N.D.	0.62	N.D.	96	1
ETHYL BENZENE	N.D.	0.62	N.D.	97	1
XYLENES	N.D.	0.62	N.D.	92	1

Vincent Vancil
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 27, 1999 *Submission #:* 9904266

ETIC

Atten: Costas Orountiotis

Project: LIVERMORE *Project#:* ET844
Received: April 6, 1999

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

Matrix: SOIL *Extracted:* April 22, 1999
Sampled: April 5, 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
237407	STOCK-1	N.D.	5.0	N.D.	102	1

Christopher Arndt
Analyst

Michael Verona
Operations Manager

408-244-7277 PM 04/27

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

9904266 - 23407 / ADD ON/CHANGE ORDER

New Submission No:

Order No: 45620

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

Name of Caller: C Droumtsiotis

Call Date: 04-20-99 Time:

Add on Due Date: 04-27-99 Date Sampled

Comments:

SUBM #: 9904266 REF: PO
CLIENT: ETIC
DUE: 04/27/99
REF #:45620/9904065

Original Submission Info

Client Name: ETIC

Project Mgr: Carlas Droumtsiotis

Project Name: Livermore

Project No: ET 844

PO#:

Date Received: 04-06-99

Submission No: 9904065

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, 5242)	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)		LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
Mock-1	4-5-99		soil																	X					

9905065

Reference #: 45900

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 5/6/99 PAGE 1 OF 1

PROJ MGR C. Orountiotis
COMPANY ETIC Engineering
ADDRESS 3275 Stevens Creek Blvd., #315
San Jose, CA 95117

SAMPLERS (SIGNATURE) (PHONE NO.) (408) 244-7202
(FAX NO.) (408) 244-7277

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☐ Gas w/ ☐ BTEX ☐ MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☐ Kerosene, ☐ Diesel, ☐ M.O.	PURGEABLE HALOCARBONS, (HVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)	☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☐ W.E.T. (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)	NUMBER OF CONTAINERS
T1-East (Diesel 5')	5/6/99		Soil	Ice	X		X												No		1
T2-East	5/6/99		"	"	X		X	No											No		1
T3-East	5/6/99	1050	"	"	X		X	No										X			1
3' T4-East	5/6/99	1030	"	"	X		X	No											No		1
Stock 2	"		"	"				X													1

Batch #: 9905065 REP: PM
CLIENT: ETIC
DUE: 05/13/99
REF #:45900

PROJECT INFORMATION

PROJECT NAME MANWEL
PROJECT NUMBER
P.O.# ET853

SAMPLE RECEIPT

TOTAL NO OF CONTAINERS	5
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

TAT	STANDARD 5-DAY			24	48	72	OTHER

Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report

SPECIAL INSTRUCTIONS/COMMENTS: (1st M) Diesel
Depth ~ 14'
T1
T2
T3
T4
Holding 2nd 5 Days

RELINQUISHED BY 1	RELINQUISHED BY 2	RELINQUISHED BY 3
(SIGNATURE) 5/6/99 (TIME) 1500	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) Calvin Pratt (DATE)	(PRINTED NAME) C. OROUNTIOTIS (DATE)	(PRINTED NAME) (DATE)
(COMPANY) for: ETIC 5/6/99	(COMPANY) ETIC 5/6/99	(COMPANY)
RECEIVED BY 1	**RECEIVED BY 2**	**RECEIVED BY (LABORATORY) 3**
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) Costas Orountiotis (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY) ETIC 5/6/99	(COMPANY)	(LAB) Chromalab 5/6/99

Denise Harrington
D. Harrington 1420

CHROMALAB, INC.

Environmental Services (SDB)

May 13, 1999 *Submission #:* 9905065

ETIC

Atten: Costas Orountiotis

Project: MANWELL
Received: May 6, 1999

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

Client Sample ID: **T1-BAST**
Spl#: 239809 *Matrix:* SOIL
Sampled: May 6, 1999 *Run#:*18748 *Analyzed:* May 10, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	17	10	N.D.	122	1
MTBE	7.7	0.62	N.D.	108	1
BENZENE	N.D.	0.62	N.D.	118	1
TOLUENE	N.D.	0.62	N.D.	120	1
ETHYL BENZENE	N.D.	0.62	N.D.	122	1
XYLENES	N.D.	0.62	N.D.	112	1

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

Vincent Vancil
Analyst

Eric Tam
Laboratory Director

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

CHROMALAB, INC.

Environmental Services (SDB)

May 13, 1999 *Submission #:* 9905065

ETIC

Atten: Costas Orountiotis

Project: MANWELL
Received: May 6, 1999

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

Client Sample ID: **T2-EAST**
Spl#: 239810 *Matrix:* SOIL
Sampled: May 6, 1999 *Run#:*18748 *Analyzed:* May 10, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	31	10	N.D.	122	1
MTBE	.28	0.62	N.D.	108	1
BENZENE	N.D.	0.62	N.D.	118	1
TOLUENE	N.D.	0.62	N.D.	120	1
ETHYL BENZENE	N.D.	0.62	N.D.	122	1
XYLENES	N.D.	0.62	N.D.	112	1

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

Vincent Vancil
Analyst

Eric Tam
Laboratory Director

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

CHROMALAB, INC.

Environmental Services (SDB)

May 13, 1999 *Submission #:* 9905065

ETIC

Atten: Costas Orountiotis

Project: MANWELL
Received: May 6, 1999

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

Client Sample ID: **T3-EAST**
Spl#: 239811 *Matrix:* SOIL
Sampled: May 6, 1999 *Run#:*18748 *Analyzed:* May 11, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	50	N.D.	122	5
MTBE	41	3.1	N.D.	108	5
BENZENE	N.D.	3.1	N.D.	118	5
TOLUENE	N.D.	3.1	N.D.	120	5
ETHYL BENZENE	N.D.	3.1	N.D.	122	5
XYLENES	N.D.	3.1	N.D.	112	5

Vincent Vancil
Analyst

Eric Tam
Laboratory Director

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

CHROMALAB, INC.

Environmental Services (SDB)

May 13, 1999 *Submission #:* 9905065

ETIC

Atten: Costas Orountiotis

Project: MANWELL
Received: May 6, 1999

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

Client Sample ID: **T4-EAST**
Spl#: 239812 *Matrix:* SOIL
Sampled: May 6, 1999 *Run#:*18748 *Analyzed:* May 11, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	14	10	N.D.	122	1
MTBE	20	0.62	N.D.	108	1
BENZENE	N.D.	0.62	N.D.	118	1
TOLUENE	N.D.	0.62	N.D.	120	1
ETHYL BENZENE	N.D.	0.62	N.D.	122	1
XYLENES	N.D.	0.62	N.D.	112	1

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

Vincent Vancil
Analyst

Eric Tam
Laboratory Director

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

CHROMALAB, INC.

Environmental Services (SDB)

May 12, 1999 *Submission #:* 9905065

ETIC

Atten: Costas Orountiotis

Project: MANWELL
Received: May 6, 1999

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

Matrix: SOIL *Extracted:* May 7, 1999
Sampled: May 6, 1999 *Run#:* 18695 *Analyzed:* May 7, 1999

Spl#	CLIENT SPL ID	LEAD (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
239811	T3-EAST	N.D.	5.0	N.D.	107	1

Shafi Barekzai
Analyst

Eric Tam
Laboratory Director

408-244-7277 PM 05/13

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

CHROMALAB

Change request received by: Criselda Date Requested: 05/07/99

SAMPLE STATUS CHANGE FORM

Submission#	Client Samp.ID	Old Status Description	Description of Changes	Requested by (Client's name)
9905065	Stock 2	lims 239813	Add on GPC MTBE	SUE 5/13/99

Changes were done in lims by(login): Criselda On: / /

CC: ___ Lab.Director ___ Dept.manager ___ Analyst ___ Proj.Manager

CHROMALAB, INC.

Environmental Services (SDB)

May 13, 1999 *Submission #:* 9905065

ETIC

Atten: Costas Orountiotis

Project: MANWELL
Received: May 6, 1999

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

Client Sample ID: **STOCK 2**
Spl#: 239813 *Matrix:* SOIL
Sampled: May 6, 1999 *Run#:*18748 *Analyzed:* May 11, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	80	10	N.D.	122	1
MTBE	12	0.62	N.D.	108	1
BENZENE	N.D.	0.62	N.D.	118	1
TOLUENE	N.D.	0.62	N.D.	120	1
ETHYL BENZENE	1.3	0.62	N.D.	122	1
XYLENES	6.2	0.62	N.D.	112	1

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

Vincent Vancil
Analyst

Eric Tam
Laboratory Director

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

CHROMALAB, INC.

Environmental Services (SDB)

May 13, 1999 *Submission #:* 9905065

ETIC

Atten: Costas Orountiotis

Project: MANWELL
Received: May 6, 1999

re: 2 samples for TPH - Diesel analysis.
Method: *EPA 8015M*

Matrix: SOIL *Extracted:* May 7, 1999
Sampled: May 6, 1999 *Run#:* 18704 *Analyzed:* May 10, 1999

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
239809	T1-EAST	N.D.	1.0	N.D.	70.3	1

Matrix: SOIL *Extracted:* May 7, 1999
Sampled: May 6, 1999 *Run#:* 18704 *Analyzed:* May 11, 1999

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
239813	STOCK 2	61	1.0	N.D.	70.3	1

Note: Hydrocarbon reported is in the early Diesel Range and does not match our Diesel Standard.

Carolyn House
Analyst

Bruce Havlik
Analyst

408-244-7277 PM 05/13

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

CHROMALAB, INC.

Environmental Services (SDB)

May 13, 1999 Submission #: 9905065

ETIC
3275 Stevens Creek, Suite 315
San Jose, CA 95117

Attn: Costas Orountiotis

RE: Analysis for project MANWELL.

REPORTING INFORMATION

Samples were received cold and in good condition on May 6, 1999. They were refrigerated upon receipt and analyzed as described in the attached report. ChromaLab followed EPA or equivalent methods for all testing reported.

No discrepancies were observed or difficulties encountered with the testing.

Motor Oil was found in sample STOCK 2.

Carolyn House
Analyst

Bruce Havlik
Analyst

9/1240641/23552 t

Reference #: 45382

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 4/5/99 PAGE 1 OF 1

PROJ MGR C. Orountiotis
COMPANY ETIC Engineering
ADDRESS 3275 Stevens Creek Blvd., #315
San Jose, CA 95117

SAMPLERS (SIGNATURE)

(PHONE NO.) (408) 244-7202
(FAX NO.) (408) 244-7277

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☐ Gas w/ ☐ BTEX ☐ MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☐ Kerosene, ☐ Diesel, ☐ M.O.	PURGEABLE HALOCARBONS, (HVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)	☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☐ W.E.T. (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H20)				NUMBER OF CONTAINERS
T1-West	4/5/99	4:00	Soil	ice	X		X																	1
T2-West	↓	↓	↓	↓	X																			1
T3-West					X																			1
T4-West	↓	↓	↓	↓	X																			1
[redacted]		↓																						1

SUBM #: 9904864 REF: FH
CLIENT: ETIC
DUE: 04/15/99
REF #:45382

PROJECT INFORMATION

PROJECT NAME: Livermore
PROJECT NUMBER:
P.O.# ET843

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

Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Electronic Report

SPECIAL INSTRUCTIONS/COMMENTS:
Only west end of pit sampled.
East end in 2 weeks.

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

RELINQUISHED BY 1	RELINQUISHED BY 2	RELINQUISHED BY 3
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
C. Orountiotis (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
ETIC 4/5/99 (COMPANY)	(COMPANY)	(COMPANY)

RECEIVED BY 1	RECEIVED BY 2	RECEIVED BY (LABORATORY) 3
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
(COMPANY)	(COMPANY)	(LAB)

CHROMALAB, INC.
Environmental Services (SDB)

April 13, 1999 *Submission #:* 9904064

ETIC

Atten: Costas Orountiotis

Project: LIVERMORE *Project#:* ET843
Received: April 6, 1999

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

Client Sample ID: **T1-WEST**
Spl#: 235527 *Matrix:* SOIL
Sampled: April 5, 1999 *Run#:*18232 *Analyzed:* April 8, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	20	N.D.	102	2
MTBE	24	1.2	N.D.	90	2
BENZENE	N.D.	1.2	N.D.	96	2
TOLUENE	N.D.	1.2	N.D.	96	2
ETHYL BENZENE	N.D.	1.2	N.D.	97	2
XYLENES	N.D.	1.2	N.D.	92	2

Vincent Vancil
Analyst

Michael Verona
Operations Manager

408-244-7277

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

PM V135 O:BTEXQC0220
VINCE 14:25

CHROMALAB, INC.
Environmental Services (SDB)

April 13, 1999 *Submission #:* 9904064

ETIC

Atten: Costas Orountiotis

Project: LIVERMORE *Project#:* ET843
Received: April 6, 1999

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

Client Sample ID: **T2-WEST**
Spl#: 235528 *Matrix:* SOIL
Sampled: April 5, 1999 *Run#:*18232 *Analyzed:* April 12, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	100	N.D.	102	10
MTBE	47	6.2	N.D.	90	10
BENZENE	N.D.	6.2	N.D.	96	10
TOLUENE	N.D.	6.2	N.D.	96	10
ETHYL BENZENE	N.D.	6.2	N.D.	97	10
XYLENES	N.D.	6.2	N.D.	92	10

Vincent Vancil
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

April 13, 1999 *Submission #:* 9904064

ETIC

Atten: Costas Orountiotis

Project: LIVERMORE *Project#:* ET843
Received: April 6, 1999

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

Client Sample ID: **T3-WEST**
Spl#: 235529 *Matrix:* SOIL
Sampled: April 5, 1999 *Run#:*18232 *Analyzed:* April 9, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	200	N.D.	102	20
MTBE	41	12	N.D.	90	20
BENZENE	N.D.	12	N.D.	96	20
TOLUENE	N.D.	12	N.D.	96	20
ETHYL BENZENE	N.D.	12	N.D.	97	20
XYLENES	N.D.	12	N.D.	92	20

Vincent Vancil
Analyst

Michael Verona
Operations Manager

408-244-7277

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

PM V135 O:BTEXQC0220
VINCE 14:25

CHROMALAB, INC.

Environmental Services (SDB)

April 13, 1999 *Submission #:* 9904064

ETIC

Atten: Costas Orountiotis

Project: LIVERMORE *Project#:* ET843
Received: April 6, 1999

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

Client Sample ID: **T4-WEST**
Spl#: 235530 *Matrix:* SOIL
Sampled: April 5, 1999 *Run#:*18232 *Analyzed:* ** **, ****

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	200	N.D.	102	20
MTBE	110	12	N.D.	90	20
BENZENE	N.D.	12	N.D.	96	20
TOLUENE	N.D.	12	N.D.	96	20
ETHYL BENZENE	N.D.	12	N.D.	97	20
XYLENES	N.D.	12	N.D.	92	20

Vincent Vancil
Analyst

Michael Verona
Operations Manager

408-244-7277

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

PM V135 O:BTEXQC0220
VINCE 14:25

CHROMALAB, INC.

Environmental Services (SDB)

April 14, 1999 *Submission #:* 9904064

ETIC

Atten: Costas Orountiotis

Project: LIVERMORE *Project#:* ET843
Received: April 6, 1999

re: 1 sample for TPH - Diesel analysis.
Method: *EPA 8015M*

Matrix: SOIL *Extracted:* April 7, 1999
Sampled: April 5, 1999 *Run#:* 18210 *Analyzed:* April 7, 1999

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
235527	T1-WEST	N.D.	1.0	N.D.	79.9	1

Carolyn House
Analyst

Bruce Havlik
Analyst

408-244-7277 PM 04/13

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**
Attn:Costas Orountiotis

Test Method: 8015m
Prep Method: 3550/8015M

Legend & Notes

Diesel

Analysis Notes

DIESEL-D (Lab# 1999-05-1208-007)
ohc=Estimated concentration reported due to overlapping fuel patterns.

Analyte Flags

sh
Surrogate recoveries were higher than QC limits due to matrix interference.

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

Gas/BTEX and MTBE

ETIC	3275 Stevens Creek, Suite 315 San Jose, CA 95117
Attn: Costas Orountiotis	Phone: (408) 244-7202 Fax: (408) 244-7277
Project #:	Project: Manwel

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
DISPENSER 2	Soil	05/20/1999	2
DISPENSER 4	Soil	05/20/1999	4
DISPENSER 6	Soil	05/20/1999	6

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**

Attn.: Costas Orountiotis

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID:	**DISPENSER 2**	Lab Sample ID:	**1999-05-1208-002**
Project:	Manwel	Received:	05/21/1999 16:07
		Extracted:	05/25/1999 15:52
Sampled:	05/20/1999	QC-Batch:	1999/05/25-01.01
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/25/1999 15:52	
Benzene	ND	0.0050	mg/Kg	1.00	05/25/1999 15:52	
Toluene	ND	0.0050	mg/Kg	1.00	05/25/1999 15:52	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	05/25/1999 15:52	
Xylene(s)	ND	0.0050	mg/Kg	1.00	05/25/1999 15:52	
MTBE	ND	0.0050	mg/Kg	1.00	05/25/1999 15:52	
Surrogate(s)						
Trifluorotoluene	79.6	53-125	%	1.00	05/25/1999 15:52	
4-Bromofluorobenzene-FID	71.1	58-124	%	1.00	05/25/1999 15:52	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**

Attn.: Costas Orountiotis

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID:	**DISPENSER 4**	Lab Sample ID:	**1999-05-1208-004**
Project:	Manwel	Received:	05/21/1999 18:07
		Extracted:	05/25/1999 18:09
Sampled:	05/20/1999	QC-Batch:	1999/05/25-01.01
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	NA	1.0	mg/Kg	1.00	05/25/1999 18:09	
Benzene	NA	0.0050	mg/Kg	1.00	05/25/1999 18:09	
Toluene	NA	0.0050	mg/Kg	1.00	05/25/1999 18:09	
Ethyl benzene	NA	0.0050	mg/Kg	1.00	05/25/1999 18:09	
Xylene(s)	NA	0.0050	mg/Kg	1.00	05/25/1999 18:09	
MTBE	NA	0.0050	mg/Kg	1.00	05/25/1999 18:09	
Surrogate(s)						
Trifluorotoluene	54.6	53-125	%	1.00	05/25/1999 18:09	
4-Bromofluorobenzene-FID	50.0	58-124	%	1.00	05/25/1999 18:09	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: ETIC

Attn.: Costas Orountiotis

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID:	DISPENSER 6	Lab Sample ID:	1999-05-1208-006
Project:	Manwel	Received:	05/21/1999 18:07
		Extracted:	05/25/1999 18:37
Sampled:	05/20/1999	QC-Batch:	1999/05/25-01.01
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	05/25/1999 18:37	
Benzene	ND	0.0050	mg/Kg	1.00	05/25/1999 18:37	
Toluene	ND	0.0050	mg/Kg	1.00	05/25/1999 18:37	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	05/25/1999 18:37	
Xylene(s)	ND	0.0050	mg/Kg	1.00	05/25/1999 18:37	
MTBE	ND	0.0050	mg/Kg	1.00	05/25/1999 18:37	
Surrogate(s)						
Trifluorotoluene	54.8	53-125	%	1.00	05/25/1999 18:37	
4-Bromofluorobenzene-FID	42.7	58-124	%	1.00	05/25/1999 18:37	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**

Attn.: **Costas Orountiotis**

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report
Gas/BTEX and MTBE

Method Blank | **Soil** | **QC Batch # 1999/05/25-01.01**

MB: 1999/05/25-01.01-001

Date Extracted: 05/25/1999 08:42

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	05/25/1999 08:42	
Benzene	ND	0.0050	mg/Kg	05/25/1999 08:42	
Toluene	ND	0.0050	mg/Kg	05/25/1999 08:42	
Ethyl benzene	ND	0.0050	mg/Kg	05/25/1999 08:42	
Xylene(s)	ND	0.0050	mg/Kg	05/25/1999 08:42	
MTBE	ND	0.0050	mg/Kg	05/25/1999 08:42	
Surrogate(s)					
Trifluorotoluene	84.7	53-125	%	05/25/1999 08:42	
4-Bromofluorobenzene-FID	75.8	58-124	%	05/25/1999 08:42	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**

Attn: Costas Orountiotis

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD) **Soil** **QC Batch # 1999/05/25-01.01**

LCS: 1999/05/25-01.01-002 Extracted: 05/25/1999 09:08 Analyzed: 05/25/1999 09:08

LCSD: 1999/05/25-01.01-003 Extracted: 05/25/1999 10:02 Analyzed: 05/25/1999 10:02

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Gasoline	2.3555	2.6332	2.5	2.5	94.2	105.3	11.1	75-125	35		
Benzene	0.477	0.474	0.50	0.50	95.4	94.8	0.6	77-123	35		
Toluene	0.477	0.481	0.50	0.50	95.4	96.2	0.8	78-122	35		
Ethyl benzene	0.469	0.477	0.50	0.50	93.8	95.4	1.7	70-130	35		
Xylene(s)	1.371	1.396	1.5	1.5	91.4	93.1	1.8	75-125	35		
Surrogate(s)											
Trifluorotoluene	476.5299	477.634	500	500	95.7	95.5		53-125			
4-Bromofluorobenzene-FI	424.0609	479.2822	500	500	84.8	95.9		58-124			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

Gas/BTEX (Methanol Extraction)

ETIC	✉ 3275 Stevens Creek, Suite 315 San Jose, CA 95117
Attn: Costas Orountiotis	Phone: (408) 244-7202 Fax: (408) 244-7277
Project #:	Project: Manwel

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
DISPENSER 1	Soil	05/20/1999	1
DISPENSER 3	Soil	05/20/1999	3
DISPENSER 5	Soil	05/20/1999	5
DIESEL-D	Soil	05/20/1999	7

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**

Attn.: Costas Orountiotis

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX (Methanol Extraction)

Sample ID:	**DISPENSER 1**	Lab Sample ID:	**1999-05-1208-001**
Project:	Manwel	Received:	05/21/1999 18:07
		Extracted:	05/28/1999 07:49
Sampled:	05/20/1999	QC-Batch:	1999/05/26-02.01
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	49	10	mg/Kg	1.00	05/28/1999 17:49	g
Benzene	0.015	0.0050	mg/Kg	1.00	05/28/1999 17:49	
Toluene	0.064	0.0050	mg/Kg	1.00	05/28/1999 17:49	
Ethyl benzene	0.033	0.0050	mg/Kg	1.00	05/28/1999 17:49	
Xylene(s)	0.041	0.0050	mg/Kg	1.00	05/28/1999 17:49	
MTBE	ND	0.0050	mg/Kg	1.00	05/28/1999 17:49	
Surrogate(s)						
Trifluorotoluene	101.6	53-125	%	1.00	05/28/1999 17:49	
4-Bromofluorobenzene-FID	136.6	58-124	%	1.00	05/28/1999 17:49	sh

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**

Attn.: Costas Orountiotis

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX (Methanol Extraction)

Sample ID:	**DISPENSER 3**	Lab Sample ID:	**1999-05-1208-003**
Project:	Manwel	Received:	05/21/1999 18:07
		Extracted:	05/26/1999
Sampled:	05/20/1999	QC-Batch:	1999/05/26-02.01
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	**6500**	500	**mg/Kg**	1.00	06/01/1999 10:07	g
Benzene	ND	31	mg/Kg	1.00	06/01/1999 10:07	
Toluene	**81**	31	**mg/Kg**	1.00	06/01/1999 10:07	
Ethyl benzene	**120**	31	**mg/Kg**	1.00	06/01/1999 10:07	
Xylene(s)	**940**	31	**mg/Kg**	1.00	06/01/1999 10:07	
MTBE	ND	31	mg/Kg	1.00	06/01/1999 10:07	
Surrogate(s)						
Trifluorotoluene	ND	53-125	mg/Kg	1.00	06/01/1999 10:07	
4-Bromofluorobenzene-FID	ND	58-124	mg/Kg	1.00	06/01/1999 10:07	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**

Attn.: Costas Orountiotis

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX (Methanol Extraction)

Sample ID: **DISPENSER 5**

Project: Manwel

Sampled: 05/20/1999

Matrix: Soil

Lab Sample ID: **1999-05-1208-005**

Received: 05/21/1999 18:07

Extracted: 05/28/1999 08:44

QC-Batch: 1999/05/26-02.01

Sample/Analysis Flag: sdo (See Legend & Note section)

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	32	10	mg/Kg	1.00	05/28/1999 08:44	
Benzene	0.040	0.0050	mg/Kg	1.00	05/28/1999 08:44	
Toluene	0.62	0.62	mg/Kg	1.00	05/28/1999 08:44	
Ethyl benzene	0.29	0.0060	mg/Kg	1.00	05/28/1999 08:44	
Xylene(s)	3.0	0.62	mg/Kg	1.00	05/28/1999 08:44	
MTBE	ND	0.0050	mg/Kg	1.00	05/28/1999 08:44	
Surrogate(s)						
Trifluorotoluene	97.6	53-125	%	1.00	05/28/1999 08:44	
4-Bromofluorobenzene-FID	125.0	58-124	%	1.00	05/28/1999 08:44	sh

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**

Attn.: Costas Orountiotis

Test Method: 8020
8015M

Prep Method: 5030

Gas/BTEX (Methanol Extraction)

Sample ID:	**DIESEL-D**	Lab Sample ID:	**1999-05-1208-007**
Project:	Manwel	Received:	05/21/1999 16:07
		Extracted:	05/26/1999
Sampled:	05/20/1999	QC-Batch:	1999/05/26-02.01
Matrix:	Soil		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	160	10	mg/Kg	1.00	05/28/1999 08:17	
Benzene	0.032	0.0050	mg/Kg	1.00	05/28/1999 08:17	
Toluene	0.20	0.0050	mg/Kg	1.00	05/28/1999 08:17	
Ethyl benzene	0.089	0.0050	mg/Kg	1.00	05/28/1999 08:17	
Xylene(s)	15	0.62	mg/Kg	1.00	05/28/1999 08:17	
MTBE	ND	0.62	mg/Kg	1.00	05/28/1999 08:17	
Surrogate(s)						
Trifluorotoluene	114.4	53-125	%	1.00	05/28/1999 08:17	
4-Bromofluorobenzene-FID	180.0	58-124	%	1.00	05/28/1999 08:17	sh

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**

Attn.: Costas Orountiotis

Test Method: 8020
8015M

Prep Method: 5030

Batch QC Report

Gas/BTEX (Methanol Extraction)

Method Blank | **Soil** | **QC Batch # 1999/05/26-02.01**

MB: 1999/05/26-02.01-001

Date Extracted: 05/26/1999 12:19

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	10	mg/Kg	05/26/1999 12:19	
Benzene	ND	0.62	mg/Kg	05/26/1999 12:19	
Toluene	ND	0.62	mg/Kg	05/26/1999 12:19	
Ethyl benzene	ND	0.62	mg/Kg	05/26/1999 12:19	
Xylene(s)	ND	0.62	mg/Kg	05/26/1999 12:19	
MTBE	ND	0.62	mg/Kg	05/26/1999 12:19	
Surrogate(s)					
Trifluorotoluene	79.6	53-125	%	05/26/1999 12:19	
4-Bromofluorobenzene-FID	89.2	58-124	%	05/26/1999 12:19	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: ETIC
Attn: Costas Orountiotis

Test Method: 8015m
Prep Method: 3550/8015M

Batch QC Report

Diesel

Laboratory Control Spike (LCS/LCSD) — Soil — **QC Batch # 1999/05/24-01.10**

LCS: 1999/05/24-01.10-002 Extracted: 05/24/1999 07:44 Analyzed: 05/24/1999 11:38
LCSD: 1999/05/24-01.10-003 Extracted: 05/24/1999 07:44 Analyzed: 05/24/1999 12:14

Compound	Conc. [mg/Kg]		Added	Recovery %		RPD	Control Limits %		Flags	
	LCS	LCSD	Amount	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	369.3421	377.9284	500	73.9	75.6	2.3	60-130	25		
Surrogate(s)										
o-Terphenyl	24.1392	24.7976	20	120.7	124.0		60-130			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**
Attn.: Costas Orountiotis

Test Method: 8015m
Prep Method: 3550/8015M

Batch QC Report
Diesel

Method Blank | **Soil** | **QC Batch # 1999/05/24-01.10**

MB: 1999/05/24-01.10-001 Date Extracted: 05/24/1999 07:44

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	1	mg/Kg	05/24/1999 11:38	
Surrogate(s)					
o-Terphenyl	88.8	60-130	%	05/24/1999 11:38	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

To: **ETIC**
Attn.: **Costas Orountiotis**

Test Method: 8015m
Prep Method: 3550/8015M

Diesel

Sample ID: **DIESEL-D**
Project: Manwel
Sampled: 05/20/1999
Matrix: Soil

Lab Sample ID: **1999-05-1208-007**
Received: 05/21/1999 18:07
Extracted: 05/24/1999 07:44
QC-Batch: 1999/05/24-01.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1300	1.0	mg/Kg	1.00	05/24/1999 13:25	,ohc
Surrogate(s) o-Terphenyl	234.8	60-130	%	1.00	05/24/1999 13:25	sh

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

Diesel

ETIC

3275 Stevens Creek, Suite 315
San Jose, CA 95117
Phone: (408) 244-7202 Fax: (408) 244-7277

Attn: Costas Orountiotis

Project #:

Project: Manwel

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
DIESEL-D	Soil	05/20/1999	7

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-05-1208

Date: May 28, 1999

ETIC
3275 Stevens Creek, Suite 315
San Jose, CA 95117

Attn.: Mr. Costas Orountiotis

Project: Manwel

Dear Costas,

Attached is our report for your samples received on Friday May 21, 1999.
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after June 20, 1999 unless you have requested otherwise. We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

Sincerely,

Pierre Monette