



Environmental Services, Inc.

2111 Jennings Street, San Francisco, CA 94124-3224, Phone (415) 822-7555, FAX (415) 822-5290

89 NOV 31 AM 11:00

November 3, 1989
Project 9077-004

Mr. Robert P. Gates
Erskine & Tulley
580 Market Street
San Francisco, CA 94104

FINAL REPORT/TANK REMOVAL

RE: Mike Roberts Color Productions
6707 Bay Street
Emeryville, California

Dear Mr. Gates;

As authorized the three underground storage tanks have been removed from the above site. In order to comply with requirements concerning removal of underground tanks, the following information is provided. A copy of the accepted Underground Tank Closure/Modification Plan is attached.

1. PRODUCT AND TANK REMOVAL

On October 2, 1989 the contents were removed from the three tanks. 1075 gallons of what had been profiled as Methyl Ethyl Ketone and water was pumped into a tank truck and delivered to an Treatment and Disposal Facility (TSD). Copies of the Chemical Profile Sheet and the Manifest of the removed tank contents are attached.

On October 5, 1989, the three tanks were each iced with 100 pounds of dry ice to purge all explosive and flammable mixtures before removal. After purging, the tanks were removed with a backhoe and loaded on a truck for delivery to a designated TSD Facility. A copy of the manifests for transport of the tanks is attached.

The soil excavated during the removal was stockpiled on site, and fenced as a security precaution.

2. SAMPLING PROCEDURES

After the tanks were removed on October 5, 1989, a soil sample was obtained from both the east and west end of each tank excavation for a total of 6 soil samples. This procedure was carried out under the direction of Dennis Byrne, a hazardous materials specialist with the Alameda Count Health Agency.

All the samples were taken by driving brass tubes into representative soil obtained by the backhoe.

All the samples were capped with aluminum foil and fitted with plastic end caps. The samples were then stored on ice and transported to Precision Analytical Laboratory, Inc. under Chain of Custody protocol for analysis. A copy of the Chain of Custody form is attached.

3. LABORATORY ANALYSIS AND PROCEDURES

Each soil sample was analyzed for Total Petroleum Hydrocarbons (TPH); Benzene, Toluene, Xylene, and Ethylbenzene (BTX&E) and Halogenated Volatile Organics. The analyses were performed using a Hewlett Packard 5890 Gas Chromatograph equipped with an FID Detector utilizing a capillary column. Methods employed were EPA Method 8020 for BTX&E, DHS(LUFT) for TPH, and EPA 8010 for Halogenated Volatile Organics.

4. ORIGINAL LABORATORY TEST RESULTS

Original, signed, laboratory certificates from Precision Analytical Laboratory, Inc. for each analysis are attached.

6. SITE PLAN

A Site Plan showing the general site location as well as the general tank and excavation area is attached as Figure 1. A Tank and Sample Location Plan is attached as Figure 2.

7. REPORTING

Based on the analytical results, an Underground Storage Tank Unauthorized Release Form/Contamination Site Report should be filed with Alameda County.

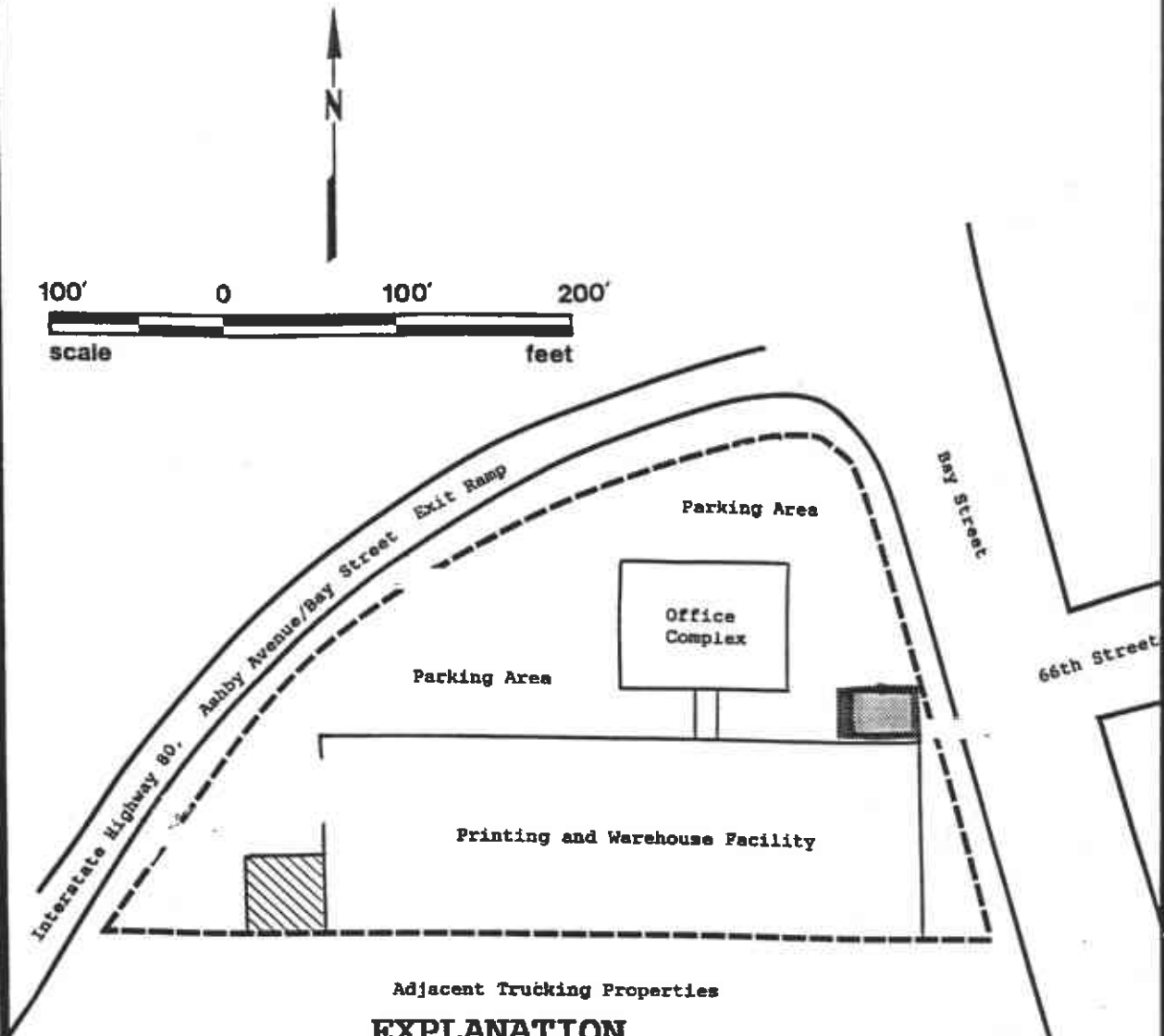
Sincerely,





John Carver
Civil Engineer 23772



George Wilson
Vice President



EXPLANATION

- MW-1 - Monitoring Well Location
- Property Line
-  Approximate Location of Underground Chemical Storage Tanks
-  Approximate Location of Excavations



Environmental Services, Inc.
 2111 Jennings St. San Francisco, CA 94124-3224
 (415) 822-4555 FAX (415) 822-5290

SITE PLAN

Mike Roberts Color Productions
 6707 Bay Street
 Emeryville, California

PROJECT NUMBER: 9077.004

Date: 11/3/89

FIGURE 1

Office
Complex



```
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X                                     X
X          oooooooooooooooooooooo   X
X          @ TANK 1                  @ X
X          ss2 @                      @ss1x
X          oooooooooooooooooooooo   X
X                                     X
X          oooooooooooooooooooooo   X
X          @ TANK 2                  @ X
X          ss4 @                      @ss3x
X          oooooooooooooooooooooo   X
X                                     X
X          oooooooooooooooooooooo   X
X          @ TANK 3                  @ X
X          xss@                      @ss5x
X          @ooooooooooooooooooooo   X
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

Printing and Warehouse Facility

KEY

- xxx Approximate limits of excavation
- ooo Approximate tank limits
- @ Approximate sample location



Environmental Services
2111 Jennings Street
San Francisco, California

TANK AND SAMPLE LOCATION PLAN

Mike Roberts Color Production
6707 Bay Avenue
Emeryville, California

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 415/271-4320

COPY

4/30/59
K.P.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. Business Name Mike Roberts Color Production Inc
Business Owner Robert D. Roberts
2. Site Address 6707 Bay Street
City Emeryville Zip 94608 Phone 652-1500
3. Mailing Address 340 Townsend #420
City San Francisco Zip 94107 Phone 777-4247
4. Land Owner MIke Roberts Color Production Inc.
Address 6707 Bay Street City, State Emeryville, CA Zip 94608
5. EPA I.D. No. CAD 009133190
6. Contractor L & W Environmental Services Inc.
Address 2111 Jennings Street
City San Francisco, Ca Zip 94124 Phone 822-4555
License Type A/R Gen Eng ID# 507442
7. Consultant _____
Address _____
City _____ Phone _____

8. Contact Person for Investigation

Name George Wilson Title V. President - L & W
Environmental Services,
Phone (415) 822-4555

9. Total No. of Tanks at facility 3

10. Have permit applications for all tanks been submitted to this office?
Yes [] No []

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

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

b) Rinsate Transporter

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

c) Tank Transporter

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

d) Contaminated Soil Transporter

Name _____ EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

12. Sample Collector

Name Keith Jay
Company L & W Environmental Services, Inc.
Address 2111 Jennings Street
City San Francisco, State CA Zip 94124 Phone (415) 822--

12. Sample Collector

Name Keith Jay
 Company L & W Environmental Services, Inc
 Address 2111 Jennings, Street
 City San Francisco State Ca Zip 94124 Phone (415) 822-455

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
2000	Solvent	Soil	Both ends of the tanks 2' below bottem of tanks
1650	Solvent	Soil	
3200	Solvent	Soil	

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

If yes, describe. _____

15. NFPA methods used for rendering tank inert? Yes [X] No []

If yes, describe. 3.5 lbs. Dry Ice per 100 gallon capacity,
35 lbs. min per thousand gallon

An explosion proof combustible gas meter shall be used to verify tank inertness.

16. Laboratories

Name Precision Analytical Laboratory, Inc
 Address 1436 Lakeside Drive
 City Richmond State CA Zip 94806
 State Certification No. 211

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
Soil Water, if water encountered	SW - 846	TPH 8015 BTX & E 8020

18. Site Safety Plan submitted? Yes No

19. Workman's Compensation: Yes No

Copy of Certificate enclosed? Yes No

Name of Insurer Republic

20. Plot Plan submitted? Yes No

21. Deposit enclosed? Yes No

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

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

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

Name (please type) _____

Signature [Handwritten Signature]

Date 8/29/89

X Signature of Site Owner or Operator

MRCP REALTY COMPANY (Owner)

Name (please type) MIKE ROBERTS COLOR PRODUCTIONS, INC. (Tenant/Operat

Signature [Handwritten Signature] ATTORNEY

Date Aug. 29, 1989.

MCKINE + TUNNEY, P.C.

1638

Invoice Copy

PO# L-011707

ROMIC CHEMICAL SAMPLE PROFILE SHEET

GENERAL INFORMATION

GENERATOR EPA ID: CA1A0101911331190

RATOR NAME: Mike Roberts Color Productions TRANSPORTER: _____

ITY ADDRESS: 6707 Bay Street TRANSPORTER PHONE: _____
Emeryville, CA 94608

IG ADDRESS: 6707 Bay Street L&W Envir. TRANSPORTER EPA ID: _____
Emeryville, CA 94608

OF WASTE: Methyl Ethyl Ketone TECHNICAL CONTACT: George Wilson

ESS GENERATING WASTE: Plastics Manufacturing (Unused Product) TITLE: V.P. PHONE: (415) 822-4555

PHYSICAL CHARACTERISTICS

APPEARANCE: Clear

PHYSICAL STATE @ 70°F: SOLID _____ SEMI SOLID _____ LIQUID X

LAYERS: MULTILAYERED _____ SINGLE PHASED X B-LAYERED _____

FREE LIQUIDS: YES X NO _____ VOLUME: 1270

FLASH POINT: <70°F _____ >200°F _____ CLOSED CUP X
 70°F-100°F _____ NO FLASH _____ OPEN CUP _____
 101°F-130°F _____ EXACT _____
 140°F-200°F _____

SPECIFIC GRAVITY: <0.8 _____ 1.3-1.4 _____ 0.8-1.0 X 1.5-1.7 _____
 1.1-1.2 _____ 2.0 _____ EXACT _____

ORGANIC COMPOSITION (TOTALS MUST EXCEED 100%)

Methyl Ethyl Ketone	98%+	%
H ₂ O	1-2%	%

D. METALS (TOTAL (PPM) EPA EXTRACTION PROCEDURE (MCL))

None	Yes	None	Yes
<input checked="" type="checkbox"/>	<input type="checkbox"/>	ARSENIC (M)	<input type="checkbox"/> <u>0.9</u>
<input type="checkbox"/>	<input type="checkbox"/>	BARIUM (M)	<input type="checkbox"/> <u>ND</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	CADMIUM (M)	<input type="checkbox"/> <u>0.03</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	CHROMIUM (M)	<input type="checkbox"/> <u>0.06</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	CHROMIUM (M) (M)	<input type="checkbox"/> <u>0.015</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	MERCURY (M)	<input type="checkbox"/> <u>ND</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	LEAD (M)	<input type="checkbox"/> <u>15</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	CHROMIUM (M) (M)	<input type="checkbox"/> <u>0.3</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	OTHER	<input type="checkbox"/> <u>ND</u>

E. OTHER COMPONENTS (TOTAL (PPM) NO YES)

None	Yes	None	Yes
<input checked="" type="checkbox"/>	<input type="checkbox"/>	CYANIDES	<input type="checkbox"/> <u>ND</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SULFIDES	<input type="checkbox"/> <u>ND</u>

SHIPPING INFORMATION

SHIPPER SHIPPING NAME: _____

HAZARD CLASS: _____ ID# _____ A.C. _____

METHOD OF SHIPMENT: BULK LIQUID 1,270 GALLONS

DRUM (TYPE/SIZE) _____

ANTICIPATED VOLUME: 1,270 GALLONS

_____ DRUMS

PERIOD: ONE TIME WEEK MONTH QUARTER YEAR

G. HAZARDOUS PROPERTIES

WATER REACTIVE AIR REACTIVE EXPLOSIVE

SHOCK SENSITIVE PYROPHORIC POLYMERIZED

RADIOACTIVE PESTICIDE RESIDUALS IGNITABLE

CORROSIVE TOXIC VAPOR PATHOGEN

BIOLOGICAL ETIOLOGICAL

OTHER: Flammable liquid

USEPA HAZARDOUS WASTE? YES NO

USEPA HAZARDOUS CODE(S): U11193

STATE HAZARDOUS WASTE? YES NO

STATE CODE(S): 213

SPECIAL HANDLING INSTRUCTIONS:
 Wear Personal Protective Equip. when handling.

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS COMPLETE AND ACCURATE AND THAT ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED. I ALSO CERTIFY THAT THE OBTAINED SAMPLE IS REPRESENTATIVE OF THE WASTE MATERIAL DESCRIBED ABOVE.

AUTHORIZED SIGNATURE: _____ TITLE: _____ DATE: 9/1/00

8094 PERKIN-ELMER CORP. PART NO. N625-1026 003

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CA101091133191004941** Manifest Document No. **1**

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

3. Generator's Name and Mailing Address
MIKE ROBERTS COLOR PRODUCTIONS LP
6707 BAY STREET EMERYVILLE, CA 94608

4. Generator's Phone **(415) 495-1500**

5. Transporter 1 Company Name **ROMIC CHEMICAL CORPORATION** 6. US EPA ID Number **IC1A1D101019141512161517**

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

9. Designated Facility Name and Site Address
ROMIC CHEMICAL CORPORATION
2081 Bay Road
East Palo Alto, CA 94303
 10. US EPA ID Number **IC1A1D101019141512161517**

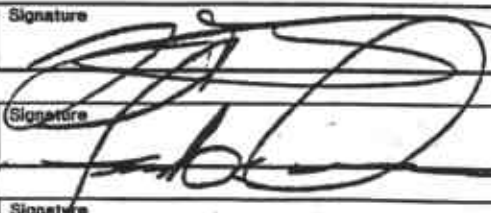
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)
a. MEYTHYL ETHYL KETONE
FLAMMABLE LIQUID UN-1193
DOT-E-7476

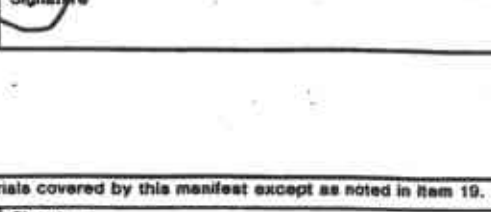
12. Containers No. **001** Type **T10** 13. Total Quantity **10.75 G** 14. Unit **G** Waste No. **213**
 EPA/Other **7005**

J. Additional Descriptions for Materials Listed Above
98% MEYTHYL ETHYL KETONE
1-2% WATER

15. Special Handling Instructions and Additional Information
Gloves, Goggles, and Protective Clothing.
T2 17 IN FRONT TAIL

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 **JIM TRACY** Signature  Month Day Year **11/01/89**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **FRANK D. HER** Signature  Month Day Year **11/02/89**

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 **JOHN BUTLER/GREGORY ELISON/RAY BOROWSKIE** Signature _____ Month Day Year _____

GENERATOR TRANSPORTER FACILITY

EPA 8022-A (1/88)
 EPA 8700-22
 Rev. 9-88) Previous editions are obsolete.

Please print or type. (Form designed for use on elite (12-pitch typewriter).)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CA1D00913311910** Manifest Document No. **0251411**

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
MIKE ROBERES COLOR PRODUCTIONS
6707 BAY STREET EMERYVILLE CA. 94608

A. State Manifest Document Number
88402541

B. State Generator's ID

4. Generator's Phone (**415 495-1500**

C. State Transporter's ID **001384**

D. Transporter's Phone **415-235-1393**

5. Transporter 1 Company Name **ERICKSON Truck - Inc.** 6. US EPA ID Number **CA1D009146163912**

E. State Transporter's ID

F. Transporter's Phone

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

G. State Facility's ID

9. Designated Facility Name and Site Address
ERICKSON, INC.
255 PARR BLVD.
RICHMOND, CA. 94801 10. US EPA ID Number **CA1D009146163912**

H. Facility's Phone
415-235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)
WASTE EMPTY STORAGE TANKS CALIFORNIA REGULATED WASTE ONLY

12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	L Waste No.
01013	T P 0170000	P	State 213 EPA/Other F005
			State
			EPA/Other
			State
			EPA/Other
			State
			EPA/Other

b.
c.
d.

J. Additional Descriptions for Materials Listed Above
EMPTY METHYL ETHYL KETONE TANK, 2269, 2270, 2271
ICED WITH 300 LBS DRY ICE

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

15. Special Handling Instructions and Additional Information

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 **MIKE ROBERES** Signature *[Signature]* Month Day Year **11/17/89**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **Robert Haney** Signature *[Signature]* Month Day Year **11/17/89**

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

19. Discrepancy Indication Space

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

88402541
 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

PROJ. NO. 91577
 SAMPLES: (Signature) Keith Jay
 PROJECT NAME AND ADDRESS:
 MIKE ROBERTS CEOR PRODUCTIONS
 6707 BAY STREET
 EMERYVILLE, CA

ANALYSIS REQUESTED

TOTAL PETROLEUM HYDROCARBONS
 BTEX
 VOC-PPA BTEX
 TOTAL OIL & GREASE
 TETRAMETHYL LEAD
 HALOGENATEDS

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	TOTAL PETROLEUM HYDROCARBONS	BTEX	VOC-PPA BTEX	TOTAL OIL & GREASE	TETRAMETHYL LEAD	HALOGENATEDS	REMARKS
SS-1	10/5/89	12:44	✓		E. END TANK 1 (BENEATH)	X	X					X
SS-2	10/5/89	1:00P	X		W. END TANK 1 "	X	X					X
SS-3	10/5/89	1:10P	X		E. END TANK 2 "	X	X					X
SS-4	10/5/89	1:20P	X		W. END TANK 2 "	X	X					X
SS-5	10/5/89	1:30P	X		E. END TANK 3 "	X	X					X
SS-6	10/5/89	1:40P	X		W. END TANK 3 "	X	X					X

RELINQUISHED BY: (Signature) Keith Jay	DATE 10/5/89 TIME 2:50P	RECEIVED BY: (Signature) [Signature]	DATE 10/6 TIME 2:50P
RELINQUISHED BY: (Signature)	DATE _____ TIME _____	RECEIVED BY: (Signature)	DATE _____ TIME _____
RELINQUISHED BY: (Signature)	DATE _____ TIME _____	RECEIVED BY: (Signature)	DATE _____ TIME _____
RELINQUISHED BY: (Signature)	DATE _____ TIME _____	RECEIVED FOR LABORATORY BY: (Signature)	DATE _____ TIME _____

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (415) 222-3002

FAX (415) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 211

Received: 10/05/89

Reported: 10/23/89

Job No. #: 71103

Attn: George Wilson
L & W Environmental Services
2111 Jennings Street
San Francisco, CA. 94124

Project: Mike Roberts Color Productions

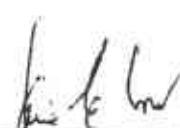
Total Petroleum Hydrocarbon Analysis
By DHS Method (LUFT)
mg/kg

Lab ID	Client ID	Diesel	Gasoline	MDL
71103-1	SS-1 E. End Tank 1	12	* 12	10
71103-2	SS-2 W. End Tank 1	11	ND<10	10
71103-3	SS-3 E. End Tank 2	ND<10	ND<10	10
71103-4	SS-4 W. End Tank 2	60	* 240	10
71103-5	SS-5 E. End Tank 3	35	115	10
71103-6	SS-6 W. End Tank 3	700	460	100

* Weathered Gas

QA/QC: Spike Recovery for Diesel: 94%
Spike Recovery for Gasoline: 107%

MDL: Method detection limit: Compound below this level would not be detected.



Jaime Chow
Laboratory Director

CERTIFICATE OF ANALYSIS

State License No. 211

Received: 10/05/89

Reported: 10/23/89

Job No #: 71103

Attn: George Wilson
 L & W Environmental Services
 2111 Jennings Street
 San Francisco, CA. 94124

Project: Mike Roberts Color Productions

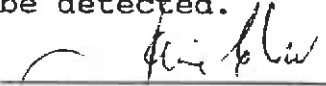
Aromatic Volatile Hydrocarbon Analysis:
 EPA Method 8020
 mg/kg

Lab ID	Client ID	Benzene	Ethyl- benzene	Toluene	Xylene	MDL
71103-1	SB1-E. End Tank 1	1.3	0.04	*	0.30	0.03
71103-2	SB2-W. End Tank 1	0.23	0.03	0.06	0.05	0.03
71103-3	SB3-E. End Tank 2	ND<0.03	ND<0.03	0.05	0.035	0.03
71103-4	SB4-W. End Tank 2	1.4	.11	*	1.1	0.3
71103-5	SB5-E. End Tank 3	ND<0.3	ND<0.3	*	1.0	0.3
71103-6	SB6-W. End Tank 3	4.6	ND<1.5	*	7.5	1.5

* Interference by 4-Methyl-2-Pentanone makes quantification of toluene by PID in sample impractical.

QA/QC: Spike Recovery for Benzene: 78%
 Spike Recovery for Toluene: 80%
 Spike Recovery for O-Xylene: 67%

MDL: Method detection limit; Compound below this level would not be detected.


 Jaime Chow
 Laboratory Director



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (415) 222-3002

FAX (415) 222-1251

CERTIFICATE OF ANALYSIS

State License No. 211

Received: 10/05/89

Reported: 10/26/89

Job No #: 71103

Attn: George Wilson
L & W Environmental Services
2111 Jennings Street
San Francisco, CA. 94124

Project: Mike Roberts Color Productions
Matrix: Soil

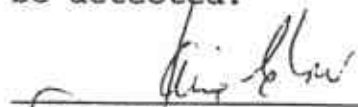
Halogenated Volatile Organics Analysis:
EPA Method 8010
mg/kg

Lab ID	Client ID	Methylene Chloride	1,1-dichloro-ethene	1,1-dichloro-ethane	Trans-1,2-dichloro-ethene	MDL
71103-1	SB1-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-2	SB2-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-3	SB3-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-4	SB4-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-5	SB5-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-6	SB6-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03

Lab ID	Client ID	Chloro-form	1,2-Dichloro-ethane	1,1,1-Trichloro-ethane	Carbon tetra-chloride	MDL
71103-1	SB1-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-2	SB2-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-3	SB3-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-4	SB4-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-5	SB5-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-6	SB6-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03

QA/QC: Spike Recovery Average: 82%

MDL: Method detection limit; Compound below this level would not be detected.



Jaime Chow
Laboratory Director



L & W Environmental
Job No. 71103

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Lab ID	Client ID	Bromo-dichloro-methane	1,2-dichloro-propene	Tri-Chloro-ethene	Dibromo-chloro-methane	MDL
71103-1	SB1-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-2	SB2-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-3	SB3-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-4	SB4-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-5	SB5-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-6	SB6-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03

Lab ID	Client ID	1,1,2-Trichloro-ethane	Trans-1,3-dichloro-propene	2-chloro-ethyl vinyl ether	Bromo-form	MDL
71103-1	SB1-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-2	SB2-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-3	SB3-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-4	SB4-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-5	SB5-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-6	SB6-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03

Lab ID	Client ID	Tetra-chloro-ethane	1,1,2,2-Tetra-chloro-ethane	Chloro-benzene	1,3-Dichloro-benzene	MDL
71103-1	SB1-E.End	ND<0.03	ND<0.03	ND<0.03	0.12	0.03
71103-2	SB2-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-3	SB3-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-4	SB4-W.End	ND<0.03	ND<0.03	ND<0.03	2.0	0.03
71103-5	SB5-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-6	SB6-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03

Lab ID	Client ID	1,2-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	Trichloro-fluoro-methane	MDL
71103-1	SB1-E.End	ND<0.03	0.26	ND<0.03	ND<0.03	0.03
71103-2	SB2-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-3	SB3-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-4	SB4-W.End	0.07	2.4	ND<0.03	ND<0.03	0.03
71103-5	SB5-E.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03
71103-6	SB6-W.End	ND<0.03	ND<0.03	ND<0.03	ND<0.03	0.03

Lab ID	Client ID	Freon 113	MDL
71103-1	SB1-E.End	ND<0.03	0.03
71103-2	SB2-W.End	ND<0.03	0.03
71103-3	SB3-E.End	ND<0.03	0.03
71103-4	SB4-W.End	ND<0.03	0.03
71103-5	SB5-E.End	ND<0.03	0.03
71103-6	SB6-W.End	ND<0.03	0.03