

R 308

JUN 07 2002

**Richard W. Ely**  
**Registered Geologist #4137**  
**2138 Green Hill Rd.**  
**Sebastopol, CA 95472**  
**707-824-4836**

June 4, 2002

Mr. Don Hwang  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway  
Alameda, CA 94502-8577

**Gasoline & Waste-Oil Storage Tank Removal Documents**  
**Salle's Paint & Body Shop**  
**1049 9th Avenue**  
**Oakland, CA 94606**

Dear Mr. Hwang:

Mr. Richard Ely, Registered Geologist, has been retained by Mr. Dick Cochran to prepare this compilation of background documentation of the removal of former underground storage tanks (USTs) for waste-oil and gasoline that were located at Salle's Paint & Body Shop, 1049 9<sup>th</sup> Avenue, Oakland, California (site).

In a letter dated December 7, 2001, the Alameda County Health Care Services Agency (ACHCSA) requested the following documentation:

1. UST (Leak) / Contamination Site Reports for both incidents;
2. Hazardous waste manifest for disposal of the gasoline UST;
3. Hazardous waste manifests or bills of lading for the disposal of soil excavated when each UST was removed; and
4. UST Hazardous waste manifests or bills of lading for the disposal of purge water.

#### **SITE HISTORY**

The site is owned by C&C Property Management Trust (C&C), and has been occupied by Salle's Paint & Body Shop (Salle's) since approximately 1981. With the exception of a small parking area on the west, the site is entirely occupied by a large building that fronts on the sidewalks on the east and north and the property line on the south. The USTs were located under the sidewalks on the northeast (gasoline) and southeast (waste-oil) sides.

#### **Gasoline UST Removal Activities**

November 15, 1993: Underground Tank Closure Plan for the gasoline UST was prepared (see Appendix A).

December 27, 1993: Approximately 275 gallons of waste fuel and water were pumped from the gasoline UST and disposed of by Waste Oil recovery Systems, Inc. of Oakland, California; a copy of the Uniform Hazardous Waste Manifest is attached in Appendix B.

December 29, 1993: The 1000-gallon UST for gasoline was removed from beneath the sidewalk on the East 11<sup>th</sup> Street side of the building by Walker's Hydraulics Inc. (Walker's) of Concord, California; Touchstone Developments Environmental Management (Touchstone) of Santa Rosa, California, observed the tank removal and collected five soil samples from the excavation, and one composite sample from the spoil pile. The UST removal activities were documented in a Underground Storage Tank Removal Report dated February 8, 1994 (Appendix C). Inspectors Eva Chu and Madulla Logan of the Alameda County Public Health Department, Hazardous material Division observed the tank removal and sampling. Approximately 30 cubic yards of soil was removed and stockpiled on a vacant lot owned by C&C at East 11<sup>th</sup> Street and 8th Avenue, one block from the excavation.

December 29, 1993: The gasoline UST tank was disposed of by H&H Ship Service Co. of San Francisco, California; the Certificate of Disposal and Uniform Hazardous Waste manifest for the UST are included in Appendix B.

April 20, 1994: Bay Area Air Quality Management District (BAAQMD) was notified that the stockpile would be aerated. The soil was turned at approximately three-week intervals until August 1994 (Appendix D).

August 23, 1994: Three composite samples collect from the gasoline tank UST spoil pile were non-detect (< 1 mg/kg) for gasoline (Appendix E). In a letter dated September 1, 1994, Walker's notified Ms. Madulla Logan of the Alameda County Public Health Department, Hazardous material Division that the soil would be used in other C&C projects or would be off hauled (Appendix D).

#### **Waste-Oil UST Removal Activities**

July 15, 1994: Approximately 300 gallons of oily water were pumped from the waste-oil UST and disposed of by Evergreen Environmental Services; the Uniform Hazardous Waste Manifest is included in Appendix E

July 20, 1994: Walker's removed a 280-gallon UST for waste oil from the site. Barney Chan of the ACHCSA witnessed the removal. The UST was located beneath the sidewalk on the 9th Avenue side of the building. Touchstone observed the tank removal and collected two soil samples from the excavation, and a four-fold composite-sample from the spoil pile. The field activities and analytical results were presented in an Underground Storage Tank Removal Report dated August 3, 1994 (Appendix F). Approximately 10 cubic yards of excavated soil was stored at a vacant lot at the corner of East 11<sup>th</sup> Street and 8<sup>th</sup> Avenue that is owned by C&C.

July 20, 1994: The waste-oil tank was disposed of by H&H Ship Service Co. of San Francisco, California; the Certificate of Disposal and Uniform Hazardous Waste Manifest for the UST are included in Appendix E.

February 15, 1995: Approximately 19 tons of contaminated soil from the waste-oil tank excavation was hauled to and disposed of at the Remedial Environmental Marketing Co. Inc. (Remco) facility in Richmond, California (Appendix G).

September 8, 2000: Three soil borings were constructed and converted into monitoring wells to assess the groundwater gradient and the impact to the shallow ground water. The soil borings were drilled to approximately 20 feet depth. The wells were sampled on September 29, 2000, March 5, 2001, May 31, 2001 and September 18, 2001. TPH-gasoline, TPH-diesel (probably weathered gasoline), BTEX compounds and chlorobenzene are the only contaminants detected to date at the site (in MW-1 only). The concentrations of these analytes have all declined since groundwater monitoring began.

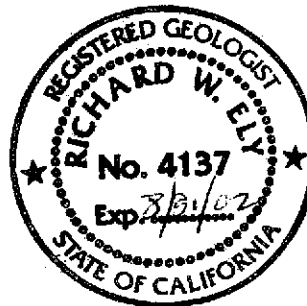
March 15, 2002: Purge water from the monitoring wells was disposed of by Clearwater Environmental Management, Inc., of Union City California (Appendix H).

I hope the enclosed information is sufficient for you to proceed to case closure.

Sincerely,

*Richard W. Ely*

Richard W. Ely RG #4137  
2138 Green Hill Rd.  
Sebastopol, CA 95472  
707-824-4836



The following Appendixes are attached:

- Appendix A Gasoline UST Closure Plan
- Appendix B Gasoline UST Hazardous Waste Manifests
- Appendix C Gasoline UST Removal Report
- Appendix D Gasoline UST Excavation Soil Stockpile Management
- Appendix E Waste-Oil UST Certificate of Disposal and Hazardous Waste Manifests
- Appendix F Waste-Oil UST Removal Report
- Appendix G Waste-Oil UST Soil Disposal
- Appendix H Purge Water Bill of Lading

cc: Dick Cochran

**APPENDIX A**

**GASOLINE UST CLOSURE PLAN**

DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
470 - 27th Street, Third Floor  
Oakland, CA 94612  
Telephone: (510) 874-7237  
80. SWAN WAY, ROOM 200  
OAKLAND, CA 94621  
PHONE NO. 510/271-4320

Madhulla Jagan

Plans have been reviewed and found to be acceptable. Plans must meet the requirements of State and local health laws. Changes to your plans indicated by this permit are to assure compliance with State and local laws. The project prepared herein is now released for issuance of building permits for construction.

Plans of these accepted plans must be on the job and must be available to all contractors and craftsmen involved in the project. Any alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Department to determine if such alterations meet the requirements of State and local laws. This Department at least 48 hours prior to the required inspections:

- \_\_\_\_\_ Removal of Tank and Piping
- \_\_\_\_\_ Sampling
- \_\_\_\_\_ Final Inspection

Permit to operate is dependent on compliance with all applicable laws and regulations.

IT IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

**UNDERGROUND TANK CLOSURE PLAN**

\* \* \* Complete according to attached instructions \* \* \*

1. Business Name Salle's Paint & Body Shop  
Business Owner Steve Salle
2. Site Address 1049 - 9th Avenue  
City Oakland, CA Zip 94606 Phone (510) 836-2190
3. Mailing Address c/o C & C Properties 499 Embarcadero  
City Oakland, CA Zip 94606 Phone (510) 834-9816
4. Land Owner C & C Properties  
Address 499 Embarcadero City, State Oakland, CA Zip 94606
5. Generator name under which tank will be manifested \_\_\_\_\_  
Richard S. Cochran  
EPA I.D. No. under which tank will be manifested CAC000982344

6. Contractor Walker's Hydraulics, Inc.  
Address 2322-N Bates Avenue  
City Concord, CA 94520 Phone (510) 798-1217  
License Type\* C-61 HAZ ID# 307288

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

7. Consultant Touchstone Developments  
Address 684 - 30th Avenue  
City San Francisco, CA 94121 Phone (415) 386-8791

8. Contact Person for Investigation  
Name Raymond Walker Title Project Manager  
Phone (510) 798-1217

9. Number of tanks being closed under this plan 1  
Length of piping being removed under this plan 0  
Total number of tanks at facility 1

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

\*\* Underground tanks are hazardous waste and must be handled \*\*  
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter  
Name H & H Environmental EPA I.D. No. CAD004771168  
Hauler License No. 0334 License Exp. Date 1/31/94  
Address 220 China Basin  
City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site  
Name H & H Environmental EPA I.D. No. CAD004771168  
Address 220 China Basin  
City San Francisco State CA Zip 94107

c) Tank and Piping Transporter

Name H & H Environmental EPA I.D. No. CAD004771168  
Hauler License No. 0334 License Exp. Date 1/31/94  
Address 220 China Basin  
City San Francisco State CA Zip 94107

d) Tank and Piping Disposal Site

Name H & H Environmental EPA I.D. No. CAD004771168  
Address 220 China Basin  
City San Francisco State CA Zip 94107

11. Experienced Sample Collector

Name Michael Tambroni  
Company Touchstone Developments  
Address 684 - 30th Avenue  
City San Francisco State CA Zip 94121 Phone (415) 386-8791

12. Laboratory

Name Superior Precision Analytical, Inc.  
Address 825 Arnold Drive, Suite 114  
City Martinez State CA Zip 94553  
State Certification No. \_\_\_\_\_

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

If yes, describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank inert  
 10# per 1,000 gallons dry ice

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

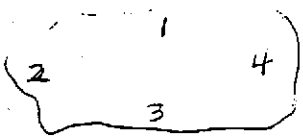
The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, groundwater, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
1,000 gal	Tank was used for unleaded gasoline. Has not been in use for 10 years.	Soil. Groundwater, if present	2' into native soil. <del>At a minimum, one soil sample will be collected at the fill end of the tank.</del> <i>At a minimum one sample (soil) will be collected from at each end of the tank</i>

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



Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)  6 yards	Sampling Plan   One composite sample

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

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

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

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Gasoline	TPHG BTXE Total Lead AA	GC-FID 50 30	1.0 ppm in soil
		80 20	.005 ppm in soil

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer Transamerica

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

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

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

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

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

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

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

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

Signature of Contractor

Name (please type) Walker's Hydraulics, Inc. - Raymond E. Walker

Signature *Ray Walker*

Date 11-15-93

Signature of Site Owner or Operator

Name (please type) C & C Properties - Richard S. Cochran

Signature *R.S. Cochran*

Date 11-15-93

**APPENDIX B**

**GASOLINE UST HAZARDOUS WASTE  
MANIFESTS**

# Waste Oil Recovery Systems, Inc.

INVOICE

6401 LEONA STREET  
OAKLAND, CA 94605



S/O  
(415) 533-0750  
533-0751

10737

SHIPPED BY  
~~SOLD TO~~

SOLD TO  
SHIPPED TO

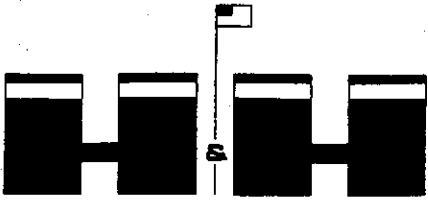
SALLE'S PAINT & BODY  
1049 9<sup>th</sup> AVE  
OAKLAND

WALKER'S HYDRAULICS  
2377 RATES AVE  
CONCORD, CA 94520

CUSTOMER'S ORDER	SALESMAN MF	TERMS OK#4606	SHIPPED VIA OIL IV	E.P.A.-CAD000626515 D.O.H.S.-843	DATE 12/27/83
DESTINATION	<input type="checkbox"/> PETRO RECYCLING 213 595-7431	<input type="checkbox"/> REFINERIES SERVICE 800 874-4444	<input checked="" type="checkbox"/> DEMENNO-KERDOON 213 537-7100		

REMOVAL OF WASTE FUEL AND WATER			
GALLONS 275			
MANIFEST 92739882			
CHLORIDES 0-270PPM			
DUE THIS SERVICE CALL			
1) TRUCK TIME AND LABOR		\$765.00	
2) GALLONS 275 @ 65¢/gal		178.25	
TOTAL DUE		\$943.25	
X [Signature]			

PLEASE RETURN THIS INVOICE COPY WITH PAYMENT



**ENVIRONMENTAL SERVICES**  
 (DIVISION OF H&H SHIP SERVICE CO., INC.)

220 CHINA BASIN, SAN FRANCISCO, CA 94107 • DAY AND NIGHT: (415) 543-4835 FAX (415) 543-8265

**CERTIFICATE OF DISPOSAL**

DECEMBER 31, 1993

H & H Ship Service Company hereby certifies to WALKER'S HYDRAULICS

1. The storage tank(s), size(s) ONE (1) 1,000 GALS.

removed from the RICHARD COCHRAN

facility at 1049 - 9TH AVENUE

OAKLAND, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin St., San Francisco, California 94107.

2. The following tank(s), H & H Job Number 13790

have been steam cleaned, cut with approximately 2' x 2' holes, rendered harmless and disposed of as scrap metal.

3. Disposal site: SCHNITZER STEEL, OAKLAND, CALIFORNIA

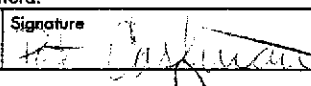
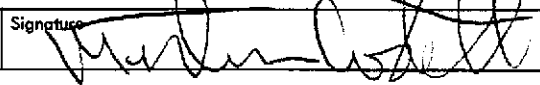
4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.

5. Should you require further information, please call (415) 543-4835 or (415) 905-5510.

Very truly yours,

*L. Lopez*  
 Lourdes B. Lopez  
 Operations Coordinator

92219925  
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550  
 GENERATOR  
 TRANSPORTER  
 FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. C A C 0 0 0 9 8 2 3 4 4		Manifest Document No. 1 9 9 2 5		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address Richard S. Cochran c/o C&C Properties, 499 Embarcadero, Oakland, CA 94606				State/Manifest Document Number 92219925							
4. Generator's Phone (510) 834-9816				State/Generator ID							
5. Transporter 1 Company Name H & H SHIP SERVICE COMPANY		6. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8		State/Transporter ID 401994		Transporter Phone (415) 543-4835					
7. Transporter 2 Company Name		8. US EPA ID Number		State/Transporter ID		Transporter Phone					
9. Designated Facility Name and Site Address H&H Ship Service Company 220 China Basin Street San Francisco, CA 94107				10. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8		State/Facility ID 401994					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number	
RESIDUE GASOLINE TANK NON-RCRA HAZARDOUS WASTE SOLID				0 0 1 T P		0 1 0 0 0		P		State EPA/Other	
b.										State EPA/Other	
c.										State EPA/Other	
d.										State EPA/Other	
16. Special Handling Instructions and Additional Information JOB #13790 Profile#A4017 24 Hr. Emergency Contact: H & H #(415) 543-4835 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR				Handling Codes for Wastes Listed Above 01							
15. Special Handling Instructions and Additional Information JOB #13790 Profile#A4017 24 Hr. Emergency Contact: H & H #(415) 543-4835 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR				JOB SITE: R. Cochran 1049 9th Avenue Oakland, CA							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name SIGNING FOR DICK PAT CASLIWANI COCHRAN				Signature 		Month 1		Day 2		Year 9 3	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name MARTIN COSTELLO				Signature 		Month 1		Day 2		Year 9 3	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month		Day		Year	
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name				Signature		Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

**APPENDIX C**

**GASOLINE UST REMOVAL REPORT**



**UNDERGROUND STORAGE TANK REMOVAL REPORT**

for

**Salle's Auto Body Shop  
1049 Nineth Avenue  
Oakland, California**

Prepared for

**Walker's Hydraulics Inc.  
2322 North Bates Avenue  
Concord, California 94520**

by

**Touchstone Developments**

**February 8, 1994**





February 8, 1994

Salle's Auto Body Shop  
1049 Nineth Avenue  
Oakland, California

Reference: Underground Fuel Tank Removal  
1049 - 9th Ave. @ East 11th Street  
Oakland, California

Gentlemen:

This report summarizes sampling activities performed at the above referenced location (figure 1) after the removal of an underground storage tank (UST). The excavation and tank removal was performed by Walker hydraulics and the transportation of the tank for disposal was performed by H & H Ship Service Company. The sampling activities described in this report were performed on December 29, 1993 to comply with the current Tri-Regional Water Quality Control Board Guidelines and Alameda County Environmental Health Department.

#### SITE DESCRIPTION

The site is occupied by Salle's Auto Body Shop. Much of the surrounding properties are commercial. The contractor Walker Hydraulics had already excavated around the tank to uncover it prior to Touchstone Developments arrival. The fuel tank was located east of the Auto Body Shop building in the sidewalk approximately 50 feet south of the southeast corner of the building (Figure 1).

The tank was a 1000 gallon single wall steel tank used for storing gasoline fuel. It is not known to Touchstone Developments when the tank was installed. A couple of holes were observed on the top of the tank near the fill piping (south end of the tank) approximately 1/4 to 2 inches in diameter. No holes were observed on the tank sides or bottom.

Tank removal and sampling were performed December 29, 1993 and observed by both inspectors Eva Chu and Madhulla Logan representing Alameda County Public Health Department, Hazardous Materials Division.

#### SOIL SAMPLING

Soil samples were collected in clean two inch by six inch brass tubes, covered at both ends with aluminum foil and sealed with plastic end caps. The soil samples were labeled, entered on a Chain-of-Custody form, put in a cooler with ice and transported to Superior Precision Analytical, Inc., a State-certified laboratory in Martinez, California.

#### UST Excavation Sampling

Soil samples TS, TN, TE and TW were collected after the tank was removed from the sidewalls of the tank excavation (figure 1). Soil samples were collected approximately 5 1/2 feet below grade below in the center of each sidewall due to the presence of water at 6 feet below grade. Soil samples were collected from a backhoe bucket by removing the top few inches of soil before pushing the brass tubes into the soil until completely full.

Water samples were bailed from the bottom of the excavation but it was unclear whether the water was collected from the recent rains or groundwater.

After sidewall samples were collected the excavation was dug down to 13 1/2 feet below grade to clean out the suspected hydrocarbon contaminated soil. Soil sample TB was then collected from the bottom center of the excavation approximately 13 1/2 feet below grade. This excavation was left open over night before backfilling and no recharge of water was observed in the excavation the following morning.

Touchstone Developments notified Eva Chu that groundwater may not have been encountered during the tank removal sampling. Eva Chu informed TD that the water samples (Labeled H2O) collected could then be discarded at the laboratory.

The final excavation dimensions were 6 feet wide by 13 feet long by 13 1/2 feet in depth. Approximately 30 cubic yards of soil was generated from the excavation activities and stockpiled. Soil sample SP-1 was collected from this material. The stockpile was placed on and covered with visqueen.

#### ANALYTICAL RESULTS

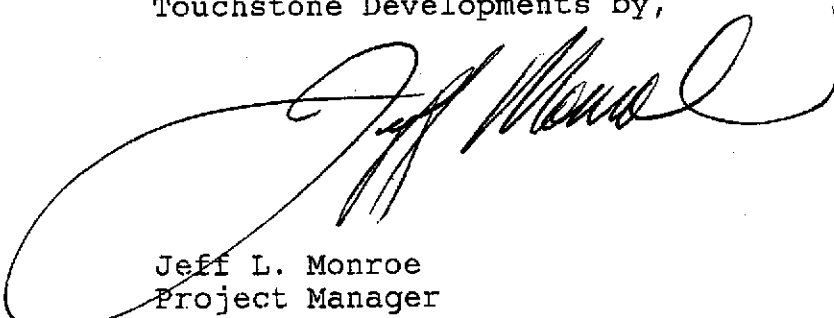
Excavation soil samples were analyzed for Total Petroleum Hydrocarbons calculated as Gasoline (TPH-Gas) according to EPA Method 8015 Modified, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) according to EPA Method 8020 and Total

Lead according to EPA Method 6010. The stockpile sample was analyzed for TPH-gas, BTEX and Organic Lead.

Excavation samples were not detected (ND) at or above the laboratory detection limits for either TPH-Gas or BTEX with the exception of sample TS which was found to have 1 part per million (ppm) of TPH-gasoline, 0.086 ppm Benzene, 0.16 ppm Toluene, 0.016 ppm Ethylbenzene and 0.11 ppm Xylenes. Certified Analytical Reports are attached in Appendix A.

Please do not hesitate to call if you have questions, my telephone number is (707) 538-8818.

Touchstone Developments by,



Jeff L. Monroe  
Project Manager

JLM/jlm

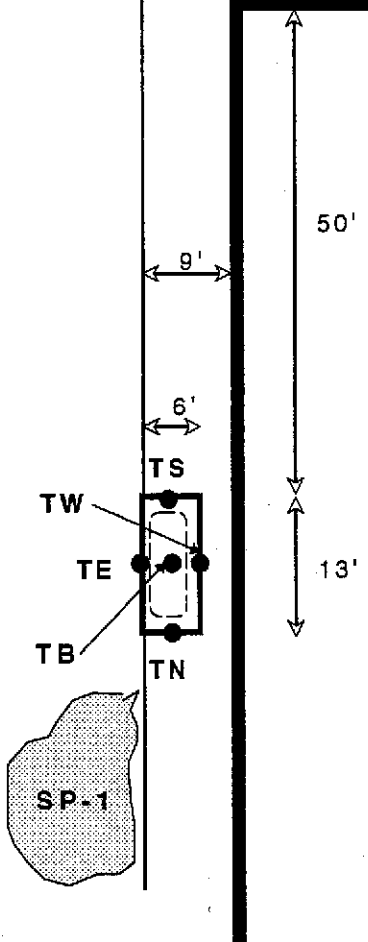
Figure 1: Site Plan with Sample Locations  
Appendix A: Analytical Laboratory Report and Chain-of-Custody  
Form

9th Avenue

sidewalk



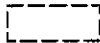
East 11th Street

Salle's  
Auto Body Shop  
Building



scale 1" = 20'

**LEGEND**

	Over-excavation Limit
 TX	Sample Location
	Former Tank Location



**Touchstone  
Developments**  
Environmental Management

Site Plan /  
Sampling Locations  
1049 9th Avenue  
Oakland, California

Figure 1

2-1-94

mjt

Project Number 93-25

**APPENDIX A:**

Certified Analytical Reports and Chain-of-Custody forms



# Superior Precision Analytical, Inc.

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

TOUCHSTONE  
Attn: JEFF MONROE

Project 93-25  
Reported 06-January-1994

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ANALYSIS FOR TOTAL LEAD  
by EPA Method SW-846 6010

Chronology

Laboratory Number 90878

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Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
TS	12/29/93	12/29/93	01/04/94	01/04/94		1
TN	12/29/93	12/29/93	01/04/94	01/04/94		2
TE	12/29/93	12/29/93	01/04/94	01/04/94		3
TW	12/29/93	12/29/93	01/04/94	01/04/94		4
TB	12/29/93	12/29/93	01/04/94	01/04/94		7

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# Superior Precision Analytical, Inc.

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

TOUCHSTONE  
Attn: JEFF MONROE

Project 93-25  
Reported 06-January-1994

## ANALYSIS FOR TOTAL LEAD

Laboratory Number	Sample Identification	Matrix
90878- 1	TS	Soil
90878- 2	TN	Soil
90878- 3	TE	Soil
90878- 4	TW	Soil
90878- 7	TB	Soil

## RESULTS OF ANALYSIS

Laboratory Number:	90878- 1	90878- 2	90878- 3	90878- 4	90878- 7
TOTAL LEAD:	ND<5	ND<5	6	ND<5	ND<5
Concentration:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg



# Superior Precision Analytical, Inc.

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

## ANALYSIS FOR TOTAL LEAD Quality Assurance and Control Data - Soil

Laboratory Number 90878

Compound	Method Blank (mg/Kg)	RL (mg/Kg)	Spike Recovery (%)	Limits (%)	RPD (%)
TOTAL LEAD:	ND<5	5	92/95	75-125	3%

### Definitions:

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

mg/Kg = Parts per million (ppm)

QC File No. 90878

*Mitchell R. Viers*

Senior Chemist  
Account Manager





# Superior Precision Analytical, Inc.

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

TOUCHSTONE  
Attn: JEFF MONROE

Project 93-25  
Reported 06-January-1994

---

ORGANIC LEAD  
SW-846 METHOD 7000 SERIES METALS BY GFAA AND AA

Chronology

Laboratory Number 90878

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
SP-1	12/29/93	12/29/93	01/05/94	01/05/94		6



# Superior Precision Analytical, Inc.

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

---

TOUCHSTONE  
Attn: JEFF MONROE

Project 93-25  
Reported 06-January-1994

---

ORGANIC LEAD  
SW-846 METHOD 7000 SERIES METALS BY GFAA AND AA

Laboratory Number	Sample Identification	Matrix
90878- 6	SP-1	Soil

---

RESULTS OF ANALYSIS  
Laboratory Number: 90878- 6

---

ORGANIC LEAD: ND<2  
Concentration: mg/Kg



# Superior Precision Analytical, Inc.

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

## ORGANIC LEAD SW-846 METHOD 7000 SERIES METALS BY GFAA AND AA

### Quality Assurance and Control Data - Soil

Laboratory Number 90878

Compound	Method Blank (mg/Kg)	RL (mg/Kg)	Spike Recovery (%)	Limits (%)	RPD (%)
ORGANIC LEAD:	ND<2	2	104/103	75-125	1%

#### Definitions:

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

mg/Kg = Parts per million (ppm)

QC File No. 90878

*Michael R. Vuore*  
 Senior Chemist  
 Account Manager



# Superior Precision Analytical, Inc.

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

TOUCHSTONE  
Attn: JEFF MONROE

Project 93-25  
Reported 01/06/94

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
90878- 1	TS	12/29/93	01/05/94 Soil
90878- 2	TN	12/29/93	01/04/94 Soil
90878- 3	TE	12/29/93	01/04/94 Soil
90878- 4	TW	12/29/93	01/04/94 Soil
90878- 6	SP-1	12/29/93	01/04/94 Soil
90878- 7	TB	12/29/93	01/04/94 Soil

## RESULTS OF ANALYSIS

Laboratory Number: 90878- 1 90878- 2 90878- 3 90878- 4 90878- 6

Gasoline:	1	ND<1	ND<1	ND<1	550
Benzene:	0.086	ND<.005	ND<.005	ND<.005	ND<0.5
Toluene:	0.16	ND<.005	ND<.005	ND<.005	0.69
Ethyl Benzene:	0.016	ND<.005	ND<.005	ND<.005	3.9
Total Xylenes:	0.11	ND<.005	ND<.005	ND<.005	14

Concentration: mg/kg mg/kg mg/kg mg/kg mg/kg

Laboratory Number: 90878- 7

Gasoline:	ND<1
Benzene:	ND<.005
Toluene:	ND<.005
Ethyl Benzene:	ND<.005
Total Xylenes:	ND<.005

Concentration: mg/kg



CERTIFICATE OF ANALYSIS

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 90878

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
mg/kg = parts per million (ppm)

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Soil: 0.005mg/kg

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	124/116	7%	70-130
Benzene:	112/109	3%	70-130
Toluene:	109/106	3%	70-130
Ethyl Benzene:	106/103	3%	70-130
Total Xylenes:	111/107	4%	70-130

*Michael R. Veloz*  
Senior Chemist

90810

# Chain of Custody and Analysis Request

Touchstone Developments  
 Address: 684 30th Avenue  
 City : San Francisco, CA 94121  
 Phone: (415) 386-8791 Fax: (415) 386-8791  
 Project Manager: Michael J. Tamboreni  
 Alternate Contact:  
 Project No.: 93-25 P.O. No. 93-25

**TURN AROUND TIME**  
 (circle one)  
 Same Day 72 Hrs.  
 24 Hrs. 48 Hrs.  
 Normal 5 Day

Superior Precision Analytical Inc.  
 P.O. Box 1545  
 Martinez, California 94553  
 Martinez I: (510) 229-1512  
 Martinez II: (510) 229-0166  
 San Francisco: (415) 647-2081

## Section II: Analysis Request

Sampler: Jeff Moore  
 Regulatory Agency: ACEHD

Sample Identification	Matrix	S = Soil A = Air W = Water	8010 (CL Hydro)	8015M (Gas)	8015M (Chem)	8015M/8020 (Gas/TEX)	8240 (VOCs)	8270 (SVOCs)	8520F (TOE)	Organic Ph	Total Pb	Date Sampled	Time Sampled	# of Containers	Preservatives (yes or no)	COMMENTS:
1 TS	1	S				X						12/29	11:00	1	ICE	From 1049 9th Ave. Oakland CA
2 TN	2	↓				X							11:03	1	↓	
3 TE	3	↓				X							11:10	1	↓	
4 TW	4	↓				X							11:15	↓	↓	
5 H <sub>2</sub> O	5	W				X							10:55	↓	Ad.	
6 SP-1	6	S				X							11:15	1	ICE	
7 TB	7	S				X							12/29/93	11:30	1	
8																
9																
10																
11																
12																

Relinquished By: <u>Jeff Moore</u> Organization: <u>TD</u>	Date/Time: <u>12-29-93 14:15</u>	Received By: _____ Organization: _____	Date/Time: _____	Lab: Please initial the following: Samples Stored in Ice: <u>NH</u> Appropriate Containers: <u>✓</u> Samples Preserved: <u>NA</u> VOAs without headspace: <u>NA</u> Comments: <u>60</u>
Relinquished By: _____ Organization: _____	Date/Time: _____	Received By: _____ Organization: _____	Date/Time: _____	
Relinquished By: _____ Organization: _____	Date/Time: _____	Received By: <u>Nicke Heath</u> Laboratory: <u>Superior</u>	Date/Time: <u>12/29/93 2:15pm</u>	

**APPENDIX D**

**GASOLINE UST EXCAVATION SOIL STOCKPILE  
MANAGEMENT**



**WALKER'S HYDRAULICS, INC.**

2322-N BATES AVENUE  
CONCORD, CALIFORNIA 94520  
(510) 798-1217

February 10, 1994

Ms. Madhulla Logan, M.S.  
Hazardous Materials Specialist  
Alameda County Public Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, Ca 94621

Re: Tank Closure for Salle's Paint and Body Shop, 1049 - 9th Ave.  
11th ST

Dear Ms. Logan:

Enclosed please find the report by Touchstone Developments for the above tank removal.

As you can see, there is no further remedial action required on this tank site. The excavation has been back-filled with pea gravel, compacted, the sidewalk replaced, and signed off by the city of Oakland.

Enclosed is a copy of the closure plan for you to sign off as being closed. Please return the signed plan to our office so we can copy it and forward to the property owner.


Also is a map showing the area the soil stockpile has been move to.

In a timely fashion, we will apply to the Bay Area Air Quality Control Board for a permit to aerate the soil. We will then place 6 mil. visqueen on the ground and spread the soil to obtain maximum exposure. In a timely manner, we will turn the soil to allow volatilization of the gasoline.

A composite sample will be taken for analysis, with a copy of the report sent to you. Please advise if you want to see the sampling process.

Thank you for your help with this project.

Sincerely,

  
Raymond E. Walker  
President

Enclosures



483  
P 02

Dispatched 644

4/21/94

1100

APR-20-1994 09:02



### BAY AREA AIR QUALITY MANAGEMENT DISTRICT

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

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

*N. Lewis*

#### NOTIFICATION FORM

Removal or Replacement of Tanks  
 Excavation of Contaminated Soil

#### SITE INFORMATION

SITE ADDRESS <u>Corner of 8th Avenue &amp; 11th Street</u>	
CITY, STATE <u>Oakland, CA</u>	ZIP <u>94606</u>
OWNER NAME <u>Richard S. Cochran</u>	
SPECIFIC LOCATION OF PROJECT <u>On the corner south of 8th Ave. &amp; west of 11th Street</u>	
<b>TANK REMOVAL</b>	<b>CONTAMINATED SOIL EXCAVATION</b>
SCHEDULED STARTUP DATE _____	SCHEDULED STARTUP DATE <u>04-20-94</u>
VAPORS REMOVED BY:	STOCKPILES WILL BE COVERED? YES _____ NO _____
<input type="checkbox"/> WATER WASH	ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):
<input type="checkbox"/> VAPOR FREEING (CO <sup>2</sup> )	_____
<input type="checkbox"/> VENTILATION	(MAY REQUIRE PERMIT)
	Turning over dirt for continuing aeration.

#### CONTRACTOR INFORMATION

NAME <u>Walker's Hydraulics, Inc.</u>	CONTACT <u>Ray Walker</u>
ADDRESS <u>2322-N Bates Avenue</u>	PHONE ( 510 ) <u>798-1217</u>
CITY, STATE, ZIP <u>Concord, CA 94520</u>	

#### CONSULTANT INFORMATION (IF APPLICABLE)

NAME <u>Touchstone Developments</u>	CONTACT <u>Mike Tambroni</u>
ADDRESS <u>684 - 30th Avenue</u>	PHONE ( 415 ) <u>386-8791</u>
CITY, STATE, ZIP <u>San Francisco, CA 94121</u>	

#### FOR OFFICE USE ONLY

DATE RECEIVED FAX <u>4/20/94</u>	BY <u>Bly</u> (init.)
DATE POSTMARKED _____	BY _____ (init.)
CC: INSPECTOR NO. <u>483</u>	DATE <u>4/21/94</u> BY <u>Bly</u> (init.)
UPDATE: CONTACT NAME _____	DATE _____ BY _____ (init.)
BAAQMD N # _____	DATA ENTRY <u>4/21/94</u>

#3



**WALKER'S HYDRAULICS, INC.**  
2322-N BATES AVENUE  
CONCORD, CALIFORNIA 94520  
(510) 798-1217

September 1, 1994

Ms. Madhulla Logan, M.S.  
Hazardous Materials Specialist  
Alameda County Public Health Agency  
Department of Environmental Health

RE: Tank Closure for Salle's Body Shop, 1049-9th Ave

Dear Ms. Logan:

As per our letter of February 10, 1994 we notified BAAQMD and proceeded with the aeration of the stock pile. the soil was turned every three weeks and on 8-23-94 samples were taken and submitted to Superior Precision Analytical, Inc. for analysis.

Attached please find copies of the report. As you can see the three composite samples are N/D.

The soil will be used in other projects C&C Management has underway or will be off hauled.

This will complete the closure of this site. I would appreciate you sending copies of closure to myself and Mr. Cochran.

I would like to thank you for your patience and help with this project.

Sincerely,

Raymond E. Walker

cc: Cochran



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

WALKER'S HYDRAULICS, INC.  
Attn: PROJECT MANAGER

Project STOCKPILE  
Reported 08/31/94

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
92420- 1	P1+P2+P3	08/23/94	08/26/94 Soil
92420- 2	P4+P5+P6	08/23/94	08/26/94 Soil
92420- 3	P7+P8	08/23/94	08/26/94 Soil

## RESULTS OF ANALYSIS

Laboratory Number: 92420- 1 92420- 2 92420- 3

Gasoline:	ND<1	ND<1	ND<1
Concentration:	mg/Kg	mg/Kg	mg/Kg



# Superior Precision Analytical, Inc.

A member of ESSECON Environmental Support Service Consortium

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

### ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 92420

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
mg/kg = parts per million (ppm)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Soil: 50mg/kg

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Soil: 1mg/kg

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Soil: 0.005mg/kg

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
-----	-----	---	-----
Gasoline:	114/121	6%	70-130

*Michael R. Verma*

Certified Laboratory Chemist

Client name <b>DICK COCHRAN</b>	Job number <b>Stockpile</b>	Analytes required <div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;">TPH G</div> Hazardous sample Special handling required Normal TAT
Project name <b>SALLY'S AUTO BODY</b>		
Project manager <b>TAT CASHMAN</b>	Sampler(s) <b>WALKERS HYD</b>	

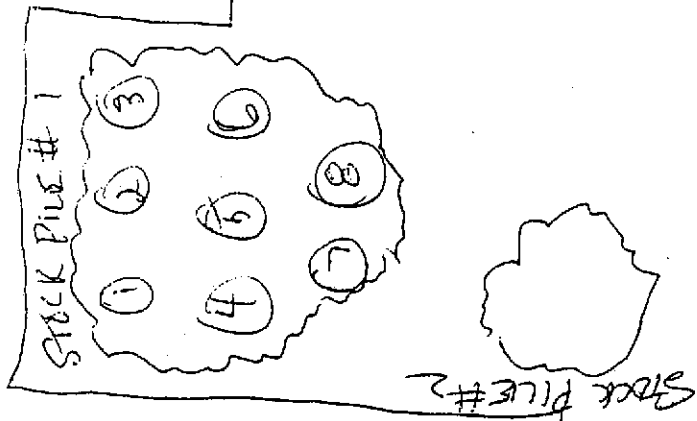
Sample number	Date sampled	Time sampled	Type Composite or Grab	Sample description	Number of containers	Analytes required										Remarks					
P1	8/23/94	4:00PM	GRAB	SANDY SOIL / DIRT	1																Composite 1-2-3  Composite 4-5-6  Composite 7-8
P2					1																
P3					1																
P4					1																
P5					1																
P6				Please Initial: <u>vel</u>	1																
P7				Samples Stored in ice. <u>-2°C</u>	1																
P8	8/24/94	4:30PM	GRAB	Appropriate containers <u>MCS</u> Samples preserved <u>✓</u> Samples without headspace <u>✓</u>	1																

Signature	Company	Date	Time
Relinquished by <u>Prison Walker</u> <u>Walker's Hydraulics</u>	<u>WALKERS HYD (IN ICEBOX OVERNIGHT)</u>		
Received by			
Relinquished by		<u>8-24-94</u>	
Received by			
Relinquished by			
Received by <u>Vel Ogarose</u> <u>08/24/94</u>			

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

8TH STREET  
STRAWBERRY

E 11TH STREET



**APPENDIX E**

**WASTE-OIL UST CERTIFICATE OF DISPOSAL  
AND HAZARDOUS WASTE MANIFESTS**

YELLOW & BLUE COPIES TO DICK COCHRAN 7/19/94

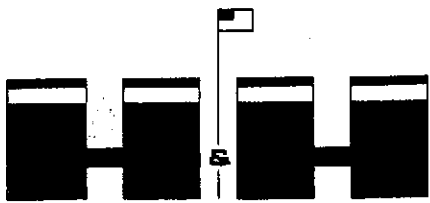
93121348  
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550  
 GENERATOR  
 TRANSPORTER  
 FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CA0051906121279418</b>	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address <b>SALLY'S AUTO 1049 9TH AVE OAKLAND CA</b>		<div style="background-color: black; color: white; padding: 5px;">             93121348              07/15/94              07/19/94           </div>				
4. Generator's Phone <b>(510) 836-2190</b>	6. US EPA ID Number <b>CA0051906121279418</b>					
5. Transporter 1 Company Name <b>EVERGREEN ENVIRONMENTAL SERVICES</b>	8. US EPA ID Number <b>CA00918018874118</b>					
7. Transporter 2 Company Name	10. US EPA ID Number <b>CA00918018874118</b>					
9. Designated Facility Name and Site Address <b>EVERGREEN OIL, INC. 6300 Smith Avenue Newark, CA 94560</b>						
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total	14. Unit		
	No. Type		Quantity	Wt/Vol		
	a. <b>Oil &amp; Water NON-RCRA HAZARDOUS WASTE, LIQUID</b>		<b>0 0 1 T T</b>	<b>3000</b>	<b>G</b>	
	b.					
	c.					
d.						
15. Special Handling Instructions and Additional Information <b>IN EMERGENCY        CALL CHEMTREC        1-800-424-8300        DOT REG 51 WEAR PROTECTIVE EQUIPMENT</b>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <b>TERRY WEBER</b>		Signature 		Month Day Year <b>07/15/94</b>		
17. Transporter 1 Acknowledgment of Receipt of Materials						
Printed/Typed Name <b>Arnell Burton</b>		Signature 		Month Day Year <b>07/19/94</b>		
18. Transporter 2 Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		

DO NOT WRITE BELOW THIS LINE.

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS.  
 To: P.O. Box 400, Sacramento, CA 95812-0400





**ENVIRONMENTAL SERVICES**

(DIVISION OF H&H SHIP SERVICE CO., INC.)

220 CHINA BASIN, SAN FRANCISCO, CA 94107 . DAY AND NIGHT: (415) 543-4835 FAX (415) 543-8265

CERTIFICATE OF DISPOSAL

JULY 25, 1994

H & H Ship Service Company hereby certifies to WALKER'S HYDRAULICS  
that:

- 1. The storage tank(s), size(s) ONE (1) 280 GALS.  
removed from the SALLE'S AUTO BODY  
facility at 1049 - 9TH AVENUE  
OAKLAND, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin St. San Francisco, California 94107.

- 2. The following tank(s), H & H Job Number 14682  
have been steam cleaned, cut with approximately 2'  
x 2' holes,  
rendered harmless and disposed of as scrap metal.
- 3. Disposal site: SCHNITZER STEEL, OAKLAND, CALIFORNIA
- 4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.
- 5. Should you require further information, please call (415) 543-4835 or (415) 905-5510.

Very truly yours,  
*Lourdes B. Lopez*  
Lourdes B. Lopez  
Operations Coordinator

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

GENERATOR  
TRANSPORTER  
FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. C A D 10 15 11 19 10 16 11 12 11 0 1 0 1 0 0 1 1		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.								
3. Generator's Name and Mailing Address RICHARD S. COCHRAN / c/o C & C PROPERTIES 499 Embarcadero, Oakland, CA. 94606						A. State/Manifest Document Number 93620456										
4. Generator's Phone (510) 834-9816						B. State/Generator ID										
5. Transporter 1 Company Name H&H SHIP SERVICE CO				6. US EPA ID Number C A D D D 4 7 7 1 1 6 B		C. State/Transporter ID 428070										
7. Transporter 2 Company Name						D. Transporter Phone (415) 543-4835										
9. Designated Facility Name and Site Address H & H SHIP SERVICE COMPANY 220 CHINA BASIN STREET SAN FRANCISCO, CA 94107						10. US EPA ID Number C A D D D 4 7 7 1 1 6 B		E. State/Transporter ID								
						F. Transporter Phone										
						G. State/Facility ID										
						H. Facility Phone (415) 543-4835										
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers		13. Total Quantity	14. Unit Wt/Val	15. Hazard Number							
					No.	Type										
a. RESIDUE FUEL OIL TANK NON-RCRA HAZARDOUS WASTE SOLID					0	0	1	T	P	0	0	2	8	0	P	State: 12
b.																State:
c.																EPA/Other
d.																State:
																EPA/Other
15. Special Handling Instructions and Additional Information: JOB #14682 24 Hr. Emergency Contact: H & H #(415) 543-4835 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR						K. Handling Codes for Wastes Listed Above 301										
JOB SITE: SALLE'S AUTO BODY 1049 - 9th Avenue Oakland, California																
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 PAT CASHMAN				Signature <i>Pat Cashman</i>		Month 0		Day 17		Year 2014						
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name ROBERT V. PETRUCCI				Signature <i>Robert V. Petrucci</i>		Month 0		Day 17		Year 2014						
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 LOURDES B. LOPEZ						Signature <i>Loures B Lopez</i>		Month 07		Day 20		Year 2014				

DO NOT WRITE BELOW THIS LINE.

**APPENDIX F**

**WASTE-OIL UST REMOVAL REPORT**



# Underground Storage Tank Removal Report

for the property located at

1049 9th Avenue, Oakland, California

prepared for

Walker's Hydraulics Inc.  
2322-N Bates Avenue  
Concord, California

prepared by

Touchstone Developments

Michael J. Tambroni  
Project Manager

August 3, 1994

## INTRODUCTION

This report summarizes the field activities performed at 1049 9th Avenue, Oakland, California during the recent removal of (1) 280 gallon underground waste oil tank (Figure 1). Excavation and removal activities were performed by Walker's Hydraulics, Inc., Concord, California. Touchstone Developments was present on-site to observe the tank removal and collect soil samples from the excavation and stockpiled soil. The soil sampling and analysis described in this report were performed on July 20, 1994.

## SITE DESCRIPTION

The site is currently occupied by Salle's Auto Body Shop. The tank containing waste oil, was formerly located beneath the sidewalk adjacent to 9th Avenue (Figure 1).

## FIELD EXCAVATION ACTIVITIES

The tank was removed on July 20, 1994. Removal was witnessed by Barney Chan, from the Alameda County Department of Environmental Health. A representative from the Oakland Fire Department was notified of the removal, however, the Fire Department declined to appear. Coordination was made by the Fire Department to have Barney Chan measure the LEL and O<sub>2</sub> levels of the tank prior to removal. Following excavation and removal, the tank was loaded and transported to H & H Environmental Services, San Francisco for disposal. Transportation was performed by H & H Environmental Services. Groundwater was not observed during excavation.

### UST/Piping Samples

A soil sample, WO-1-8.5', was collected from the bottom excavation, approximately 2 feet below the formerly removed tank bottom at approximately 8.5 feet below ground surface (bgs). A second sample, RF-3', was collected from approximately 2 feet below the formerly removed remote fill piping which extended from inside the building to the tank at approximately 3 feet bgs (Figure 1). Analytical results are presented in Appendix A. The portion of the remote fill, extending from the floor inside the building, was capped.

The soil sample collected from the excavation bottom was obtained from the back hoe bucket by removing the top few inches of soil and pushing a clean, six-inch-long (two inches in diameter) brass sample tube into the soil until completely full. The soil sample collected from beneath the remote fill piping was obtained with a hand shovel in the same manner as previously described. The ends of the tubes were covered with aluminum foil and sealed with plastic end caps. The samples were labeled, placed in a cooler with ice, entered on a Chain-of-Custody form and transported to Superior Precision Analytical Inc., San Francisco, a state certified laboratory.

## Stockpiled Soil

Approximately 10 cubic yards of material was removed and stockpiled during the waste oil tank removal. The soil was transported to a vacant lot on the northeast corner of East 11th Street and 8th Avenue, which is also owned by Salle's Auto Body. The soil was stockpiled and covered with visqueen pending analytical results.

## Stockpile Sampling

Four soil samples, WSP-1A-D, were collected from the soil stockpile. The samples were collected by removing the top 6 to 12 inches of soil, then pushing a sample tube into the soil until completely full. The samples were sealed, labeled and handled as previously mentioned. The four samples were composited in the laboratory for a representative of the stockpiled soil

## ANALYTICAL RESULTS

UST excavation and remote fill piping samples were analyzed for Total Petroleum Hydrocarbons calculated as Gasoline (TPH-Gas) according to EPA Method 8015 (Modified) and Benzene, Toluene, Ethyl Benzene, and Xylene (BTEX) according to EPA Method 8020, Total Petroleum Hydrocarbons calculated as Diesel (TPH-Diesel) according to EPA Method 8015 (Modified), Oil & Grease by Standard Methods 5520 F, Semivolatile Organics by GC/MS EPA SW-846 Method 8270, Halogenated Volatile Organics By EPA SW-846 Methods 5030/8010, and Cd, Cr, Pb, Zn, Ni by EPA Method SW-846 6010. The soil sample collected from the stockpiled soil was analyzed for Cd, Cr, Pb, Zn, Ni by EPA Method SW-846 6010, Total Petroleum Hydrocarbons by EPA Method 418.1, Total Petroleum Hydrocarbons calculated as Gasoline (TPH-Gas) according to EPA Method 8015 (Modified) and Benzene, Toluene, Ethyl Benzene, and Xylene (BTEX) according to EPA Method 8020, Corrosivity by Title 22, 66708, SW-846, EPA-9045, Ignitability by Title 22, 66702, SW-846, 7.1, and Reactivity by Title 22, 66705, SW-846, 7.1.4.2/7.3.3.2. Analytical results are presented in Appendix A.

**Figure 1**  
Site Plan/Sampling Locations

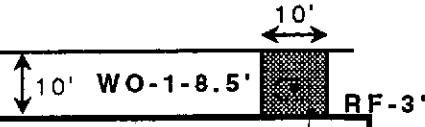
**Appendix A**  
Analytical Laboratory Reports and Chain-of-Custody

9th Avenue

East 11th Street

sidewalk

Salle's  
Auto Body Shop  
Building







140'

remote fill



not to scale

### LEGEND

	Excavation Limit
	Sample Location
	Former Tank Location
	Remote Fill Piping



**Touchstone  
Developments**  
Environmental Management

Site Plan /  
Sampling Locations  
1049 9th Avenue  
Oakland, California

Figure 1

7-22-94

mjt

Project Number 94-13





# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 29-July-1994

---

## TOTAL PETROLEUM HYDROCARBONS BY EPA METHOD 418.1

Chronology	Laboratory Number 58468					
Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
WSP-1(A-D)	07/21/94	07/21/94	07/28/94	07/28/94		3



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TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 29-July-1994

---

## TOTAL PETROLEUM HYDROCARBONS BY EPA METHOD 418.1

Laboratory Number	Sample Identification	Matrix
58468- 3	WSP-1(A-D)	Soil

### RESULTS OF ANALYSIS

Laboratory Number: 58468- 3

---

PETROLEUM HYDROCARBONS:12000

Concentration: mg/kg



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

OIL AND GREASE BY STANDARD METHODS 5520F  
Quality Assurance and Control Data - Soil

Laboratory Number 58468

Compound	Method Blank (mg/kg)	RL (mg/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
Oil and Grease:	ND<50	50	73/58	47-97	23%

**Definitions:**

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

mg/kg = Parts per million (ppm)

QC File No. 58468

*Cecilia G. Joaquin* 7/29/94  
Senior Chemist  
Account Manager



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 28-July-1994

---

## OIL AND GREASE BY STANDARD METHODS 5520F

### Chronology

Laboratory Number 58468

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
WO-1-8.5'	07/21/94	07/21/94	07/28/94	07/28/94		1
RF-3'	07/21/94	07/21/94	07/28/94	07/28/94		2



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 28-July-1994

---

## OIL AND GREASE BY STANDARD METHODS 5520F

Laboratory Number	Sample Identification	Matrix
58468- 1	WO-1-8.5'	Soil
58468- 2	RF-3'	Soil

### RESULTS OF ANALYSIS

Laboratory Number: 58468- 1 58468- 2

---

Oil and Grease:	6000	770
Concentration:	mg/kg	mg/kg



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

## TOTAL PETROLEUM HYDROCARBONS BY EPA METHOD 418.1 Quality Assurance and Control Data - Soil

Laboratory Number 58468

Compound	Method Blank (mg/kg)	RL (mg/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
PETROLEUM HYDROCARBONS:	ND<10	10	126/113	54-141	11%

### Definitions:

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

mg/kg = Parts per million (ppm)

QC File No. 58468

*Cecilia G. Jouquin* 7/29/94  
 Senior Chemist  
 Account Manager



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 26-July-1994

ANALYSIS FOR GASOLINE, BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES  
by EPA SW-846 Methods 5030/8015M/8020.

## Chronology

Laboratory Number 58468

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
WO-1-8.5'	07/21/94	07/21/94	07/26/94	07/26/94		1
RF-3'	07/21/94	07/21/94	07/25/94	07/25/94		2
WSP-1(A-D)	07/21/94	07/21/94	07/23/94	07/23/94		3



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TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 26-July-1994

ANALYSIS FOR GASOLINE, BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES

Laboratory Number	Sample Identification	Matrix
58468- 1	WO-1-8.5'	Soil
58468- 2	RF-3'	Soil
58468- 3	WSP-1(A-D)	Soil

## RESULTS OF ANALYSIS

Laboratory Number: 58468- 1 58468- 2 58468- 3

Gasoline Range:	590*	34*	200*
Benzene:	0.91	ND<.025	0.08
Toluene:	2.8	0.16	0.31
Ethyl Benzene:	3.0	0.093	0.52
Total Xylenes:	26	1.9	3.9

Concentration: mg/kg mg/kg mg/kg

-- Surrogate & Recoveries --

Trifluorotoluene (SS): 93 138 68

\* Does not match typical gasoline pattern. Pattern is typical of mineral spirits.





# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

## ANALYSIS FOR GASOLINE, BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES Quality Assurance and Control Data - Soil

Laboratory Number 58468

Compound	Method		Spike Recovery (%)	Limits (%)	RPD (%)
	Blank (mg/kg)	RL (mg/kg)			
Gasoline_Range:	ND<1	1	89/89	55-139	0%
Benzene:	ND<.005	.005	90/90	67-141	0%
Toluene:	ND<.005	.005	92/92	67-141	0%
Ethyl Benzene:	ND<.005	.005	85/85	67-141	0%
Total Xylenes:	ND<.005	.005	94/94	67-141	0%

### Definitions:

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

mg/kg = Parts per million (ppm)

QC File No. 58468

*Cecilia G. Jorgensen* 7/28/94  
Senior Chemist  
Account Manager



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TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 27-July-1994

TOTAL PETROLEUM HYDROCARBONS AS DIESEL  
BY EPA METHOD 8015M

Chronology	Laboratory Number 58468					
Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
WO-1-8.5'	07/21/94	07/21/94	07/25/94	07/26/94		1
RF-3'	07/21/94	07/21/94	07/26/94	07/26/94		2



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Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 27-July-1994

## TOTAL PETROLEUM HYDROCARBONS AS DIESEL

Laboratory Number	Sample Identification	Matrix
58468- 1	WO-1-8.5'	Soil
58468- 2	RF-3'	Soil

## RESULTS OF ANALYSIS

Laboratory Number: 58468- 1 58468- 2

Diesel Range:	3400*	210*
Concentration:	mg/kg	mg/kg

Does not match typical Diesel pattern. Pattern is indicative of a mixture of mineral spirits and motor oil.



# Superior Precision Analytical, Inc.

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## TOTAL PETROLEUM HYDROCARBONS AS DIESEL Quality Assurance and Control Data - Soil

Laboratory Number 58468

Compound	Method Blank (mg/kg)	RL (mg/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
Diesel Range:	ND<10	10	108/111	50-150	3%

### Definitions:

- ND = Not Detected
- RPD = Relative Percent Difference
- RL = Reporting Limit
- mg/kg = Parts per million (ppm)
- QC File No. 58468

*Cecilia G. Joaquin* 7/28/94  
 Senior Chemist  
 Account Manager



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 27-July-1994

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS

## Chronology

Laboratory Number 58468

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
WO-1-8.5'	07/21/94	07/21/94	07/21/94	07/22/94		1
RF-3'	07/21/94	07/21/94	07/21/94	07/22/94		2



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Project WALKER'S HYDRAULIC  
Reported 27-July-1994

## EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS

Laboratory Number	Sample Identification	Matrix
58468- 1	WO-1-8.5'	Soil
58468- 2	RF-3'	Soil

### RESULTS OF ANALYSIS

Laboratory Number: 58468- 1 58468- 2

bis(2-chloroethyl) ethe:	ND<3000	ND<3000
aniline:	ND<3000	ND<3000
phenol:	ND<3000	ND<3000
2-chlorophenol:	ND<3000	ND<3000
1,3-dichlorobenzene:	ND<3000	ND<3000
1,4-dichlorobenzene:	ND<3000	ND<3000
1,2-dichlorobenzene:	ND<3000	ND<3000
benzyl alcohol:	ND<3000	ND<3000
bis-(2-chloroisopropyl):	ND<3000	ND<3000
2-methylphenol:	ND<3000	ND<3000
hexachloroethane:	ND<3000	ND<3000
n-nitroso-di-n-propyla:	ND<3000	ND<3000
4-methylphenol:	ND<3000	ND<3000
nitrobenzene:	ND<3000	ND<3000
isophorone:	ND<3000	ND<3000
2-nitrophenol:	ND<3000	ND<3000
2,4-dimethylphenol:	ND<3000	ND<3000
bis(2-chloroethoxy)met:	ND<3000	ND<3000
2,4-dichlorophenol:	ND<3000	ND<3000
1,2,4-trichlorobenzene:	ND<3000	ND<3000
naphthalene:	9000	ND<3000
benzoic acid:	ND<3000	ND<3000
4-chloroaniline:	ND<3000	ND<3000
hexachlorobutadiene:	ND<3000	ND<3000
4-chloro-3-methylpheno:	ND<3000	ND<3000
2-methyl-naphthalene:	12000	ND<3000
hexaclorocyclopentadie:	ND<3000	ND<3000
2,4,6-trichlorophenol:	ND<3000	ND<3000
2,4,5-trichlorophenol:	ND<3000	ND<3000

Concentration: ug/kg ug/kg



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TOUCHSTONE  
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Project WALKER'S HYDRAULIC  
Reported 27-July-1994

## EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS

Laboratory Number	Sample Identification.	Matrix
58468- 1	WO-1-8.5'	Soil
58468- 2	RF-3'	Soil

### RESULTS OF ANALYSIS

Laboratory Number: 58468- 1 58468- 2

2-chloronaphthalene:	ND<3000	ND<3000
2-nitroaniline:	ND<3000	ND<3000
acenaphthylene:	ND<3000	ND<3000
dimethylphthlate:	ND<3000	ND<3000
2,6-dinitrotoluene:	ND<3000	ND<3000
acenaphthene:	ND<3000	ND<3000
3-nitroaniline:	ND<3000	ND<3000
2,4-dinitrophenol:	ND<3000	ND<3000
dibenzofuran:	ND<3000	ND<3000
2,4-dinitrotoluene:	ND<3000	ND<3000
4-nitrophenol:	ND<3000	ND<3000
fluorene:	ND<3000	ND<3000
4-chlorophenyl-phenyle:	ND<3000	ND<3000
diethylphthlate:	ND<3000	ND<3000
4-nitroaniline:	ND<3000	ND<3000
4,6-dinitro-2-methylph:	ND<3000	ND<3000
n-nitrosodiphenylamine:	ND<3000	ND<3000
1,2-diphenylhydrazine:	ND<3000	ND<3000
4-bromo-phenyl-phenyle:	ND<3000	ND<3000
hexachlorobenzene:	ND<3000	ND<3000
pentachlorophenol:	ND<3000	ND<3000
phenanthrene:	ND<3000	ND<3000
anthracene:	ND<3000	ND<3000
di-n-butylphthlate:	ND<3000	ND<3000
fluoranthene:	ND<3000	ND<3000
benzidine:	ND<3000	ND<3000
pyrene:	ND<3000	ND<3000
butylbenzylphthlate:	ND<3000	ND<3000
3,3'-dichlorobenzidine:	ND<3000	ND<3000

Concentration: ug/kg ug/kg



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S HYDRAULIC  
Reported 27-July-1994

## EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS

Laboratory Number	Sample Identification	Matrix
58468- 1	WO-1-8.5'	Soil
58468- 2	RF-3'	Soil

### RESULTS OF ANALYSIS

Laboratory Number: 58468- 1 58468- 2

benzo[a]anthracene:	ND<3000	ND<3000
chrysene:	ND<3000	ND<3000
bis(2-ethylhexyl)phtha:	ND<3000	ND<3000
di-n-octylphthalate:	ND<3000	ND<3000
benzo(b,k)fluoranthene:	ND<3000	ND<3000
benzo[a]pyrene:	ND<3000	ND<3000
indeno[1,2,3-cd]pyrene:	ND<3000	ND<3000
dibenzo[a,h]anthracene:	ND<3000	ND<3000
benzo[g,h,i]perylene:	ND<3000	ND<3000

Concentration: ug/kg ug/kg

#### -- Surrogate & Recoveries --

2-fluorophenol:	62	62
phenol-d6:	58	69
nitrobenzene-d5:	56	62
2-fluorobiphenyl:	64	82
2,4,6-tribromophenol:	68	82
terphenyl-d14:	70	86





# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS  
Quality Assurance and Control Data - Soil

Laboratory Number 58468

Compound	Method Blank (ug/kg)	RL (ug/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
bis(2-chloroethyl) ethe:	ND<300	300			
aniline:	ND<300	300			
phenol:	ND<300	300	74/93	44-107	23%
2-chlorophenol:	ND<300	300	71/90	44-107	24%
1,3-dichlorobenzene:	ND<300	300			
1,4-dichlorobenzene:	ND<300	300	59/75	32-115	24%
1,2-dichlorobenzene:	ND<300	300			
benzyl alcohol:	ND<300	300			
bis-(2-chloroisopropyl):	ND<300	300			
2-methylphenol:	ND<300	300			
hexachloroethane:	ND<300	300			
n-nitroso-di-n-propyla:	ND<300	300	68/85	40-123	22%
4-methylphenol:	ND<300	300			
nitrobenzene:	ND<300	300			
isophorone:	ND<300	300			
2-nitrophenol:	ND<300	300			
2,4-dimethylphenol:	ND<300	300			
bis(2-chloroethoxy)met:	ND<300	300			
2,4-dichlorophenol:	ND<300	300			
1,2,4-trichlorobenzene:	ND<300	300	76/92	40-104	19%
naphthalene:	ND<300	300			
benzoic acid:	ND<300	300			
4-chloroaniline:	ND<300	300			
hexachlorobutadiene:	ND<300	300			
4-chloro-3-methylpheno:	ND<300	300	77/97	47-113	23%
2-methyl-naphthalene:	ND<300	300			
hexachlorocyclopentadie:	ND<300	300			
2,4,6-trichlorophenol:	ND<300	300			
2,4,5-trichlorophenol:	ND<300	300			



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS  
Quality Assurance and Control Data - Soil

Laboratory Number 58468

Compound	Method Blank (ug/kg)	RL (ug/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
2-chloronaphthalene:	ND<300	300			
2-nitroaniline:	ND<300	300			
acenaphthylene:	ND<300	300			
dimethylphthlate:	ND<300	300			
2,6-dinitrotoluene:	ND<300	300			
acenaphthene:	ND<300	300	70/82	43-110	16%
3-nitroaniline:	ND<300	300			
2,4-dinitrophenol:	ND<300	300			
dibenzofuran:	ND<300	300			
2,4-dinitrotoluene:	ND<300	300	72/89	35-100	21%
4-nitrophenol:	ND<300	300	56/71	36-117	24%
fluorene:	ND<300	300			
4-chlorophenyl-phenyle:	ND<300	300			
diethylphthlate:	ND<300	300			
4-nitroaniline:	ND<300	300			
4,6-dinitro-2-methylph:	ND<300	300			
n-nitrosodiphenylamine:	ND<300	300			
1,2-diphenylhydrazine:	ND<300	300			
4-bromo-phenyl-phenyle:	ND<300	300			
hexachlorobenzene:	ND<300	300			
pentachlorophenol:	ND<300	300	76/96	20-122	23%
phenanthrene:	ND<300	300			
anthracene:	ND<300	300			
di-n-butylphthlate:	ND<300	300			
fluoranthene:	ND<300	300			
benzidine:	ND<300	300			
pyrene:	ND<300	300	76/94	62-117	21%
butylbenzylphthlate:	ND<300	300			
3,3'-dichlorobenzidine:	ND<300	300			



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

EPA SW-846 METHOD 8270 SEMIVOLATILE ORGANICS BY GC/MS  
Quality Assurance and Control Data - Soil

Laboratory Number 58468

Compound	Method Blank (ug/kg)	RL (ug/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
benzo[a]anthracene:	ND<300	300			
chrysene:	ND<300	300			
bis(2-ethylhexyl)phtha:	ND<300	300			
di-n-octylphthalate:	ND<300	300			
benzo(b,k)fluoranthene:	ND<300	300			
benzo[a]pyrene:	ND<300	300			
indeno[1,2,3-cd]pyrene:	ND<300	300			
dibenzo[a,h]anthracene:	ND<300	300			
benzo[g,h,i]perylene:	ND<300	300			
2-fluorophenol:	92			25-121	
phenol-d6:	102			24-113	
nitrobenzene-d5:	83			23-120	
2-fluorobiphenyl:	91			30-115	
2,4,6-tribromophenol:	120			19-122	
terphenyl-d14:	102			18-137	

### Definitions:

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

ug/kg = Parts per billion (ppb)

QC File No. 58468

*Cecilia G. Jorgensen* 7/28/94  
 Senior Chemist  
 Account Manager



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S  
Reported 29-July-1994

HALOGENATED VOLATILE ORGANICS by EPA SW-846 Methods 5030/8010.

## Chronology

Laboratory Number 58468

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
WO-1-8.5'	07/21/94	07/21/94	07/27/94	07/27/94		1
RF-3'	07/21/94	07/21/94	07/27/94	07/27/94		2



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S  
Reported 29-July-1994

## HALOGENATED VOLATILE ORGANICS by EPA SW-846 Methods 5030/8010.

Laboratory Number	Sample Identification	Matrix
58468- 1	WO-1-8.5'	Soil
58468- 2	RF-3'	Soil

### RESULTS OF ANALYSIS

Laboratory Number: 58468- 1 58468- 2

Chloromethane:	ND<5	ND<5
Vinyl Chloride:	ND<5	ND<5
Bromomethane:	ND<5	ND<5
Chloroethane:	ND<5	ND<5
Trichlorofluoromethane:	ND<5	ND<5
1,1-Dichloroethane:	ND<5	ND<5
Dichloromethane:	ND<10	ND<10
t-1,2-Dichloroethene:	ND<5	ND<5
1,1-Dichloroethane:	ND<5	ND<5
c-1,2-Dichloroethene:	ND<5	ND<5
Chloroform:	ND<5	ND<5
1,1,1-Trichloroethane:	ND<5	ND<5
Carbon tetrachloride:	ND<5	ND<5
1,2-Dichloroethane:	ND<5	ND<5
Trichloroethene:	16	ND<5
c-1,3-Dichloropropene:	ND<5	ND<5
1,2-Dichloropropane:	ND<5	ND<5
t-1,3-Dichloropropene:	ND<5	ND<5
Bromodichloromethane:	ND<5	ND<5
1,1,2-Trichloroethane:	ND<5	ND<5
Tetrachloroethene:	58	ND<5
Dibromochloromethane:	ND<5	ND<5
Chlorobenzene:	480	ND<5
Bromoform:	ND<5	ND<5
1,1,2,2-Tetrachloroeth:	ND<5	ND<5
1,3-Dichlorobenzene:	ND<5	ND<5
1,2-Dichlorobenzene:	ND<5	ND<5
1,4-Dichlorobenzene:	ND<5	ND<5
Concentration:	ug/Kg	ug/Kg



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

HALOGENATED VOLATILE ORGANICS by EPA SW-846 Methods 5030/8010.  
Quality Assurance and Control Data - Soil

Laboratory Number 58468

Compound	Method Blank (ug/Kg)	RL (ug/Kg)	Spike Recovery (%)	Limits (%)	RPD (%)
Chloromethane:	ND<5	5			
Vinyl Chloride:	ND<5	5			
Bromomethane:	ND<5	5			
Chloroethane:	ND<5	5			
Trichlorofluoromethane:	ND<5	5			
1,1-Dichloroethene:	ND<5	5	114/123	44-184	8%
Dichloromethane:	ND<10	10			
t-1,2-Dichloroethene:	ND<5	5			
1,1-Dichloroethane:	ND<5	5			
c-1,2-Dichloroethene:	ND<5	5			
Chloroform:	ND<5	5			
1,1,1-Trichloroethane:	ND<5	5			
Carbon tetrachloride:	ND<5	5			
1,2-Dichloroethane:	ND<5	5			
Trichloroethene:	ND<5	5	89/96	55-141	8%
c-1,3-Dichloropropene:	ND<5	5			
1,2-Dichloropropane:	ND<5	5			
t-1,3-Dichloropropene:	ND<5	5			
Bromodichloromethane:	ND<5	5			
1,1,2-Trichloroethane:	ND<5	5			
Tetrachloroethene:	ND<5	5			
Dibromochloromethane:	ND<5	5			
Chlorobenzene:	ND<5	5	74/88	63-158	17%
Bromoform:	ND<5	5			
1,1,2,2-Tetrachloroeth:	ND<5	5			
1,3-Dichlorobenzene:	ND<5	5			
1,2-Dichlorobenzene:	ND<5	5			
1,4-Dichlorobenzene:	ND<5	5			

### Definitions:

- ND = Not Detected
- RPD = Relative Percent Difference
- RL = Reporting Limit
- ug/Kg = Parts per billion (ppb)
- QC File No. 58468

*Alexander Sal...*  
 Senior Chemist  
 Account Manager



# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S  
Reported 27-July-1994

ANALYSIS FOR CADMIUM, CHROMIUM, LEAD, NICKEL, & ZINC  
by EPA Method SW-846 6010

## Chronology

Laboratory Number 58468

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
WO-1-8.5'	07/21/94	07/21/94	07/25/94	07/26/94		1
RF-3'	07/21/94	07/21/94	07/25/94	07/26/94		2
WSP-1(A-D)	07/21/94	07/21/94	07/25/94	07/26/94		3



# Superior Precision Analytical, Inc.

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TOUCHSTONE  
Attn: MICHAEL TAMBRONI

Project WALKER'S  
Reported 27-July-1994

## ANALYSIS FOR CADMIUM, CHROMIUM, LEAD, NICKEL, & ZINC

Laboratory Number	Sample Identification	Matrix
58468- 1	WO-1-8.5'	Soil
58468- 2	RP-3'	Soil
58468- 3	WSP-1(A-D)	Soil

### RESULTS OF ANALYSIS

Laboratory Number: 58468- 1 58468- 2 58468- 3

Cadmium	(Cd):	ND<0.5	ND<0.5	ND<0.5
Chromium	(Cr):	42	54	34
Lead	(Pb):	13	16	110
Nickel	(Ni):	37	35	31
Zinc	(Zn):	23	31	58
Concentration:		mg/Kg	mg/Kg	mg/Kg





# Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

## ANALYSIS FOR CADMIUM, CHROMIUM, LEAD, NICKEL, & ZINC Quality Assurance and Control Data - Soil

Laboratory Number 58468

Compound		Method		Spike Recovery (%)	Limits (%)	RPD (%)
		Blank (mg/Kg)	RL (mg/Kg)			
Cadmium	(Cd):	ND<0.5	0.5	85/82	75-125	4%
Chromium	(Cr):	ND<5	5	82/81	75-125	1%
Lead	(Pb):	ND<5	5	86/96	75-125	11%
Nickel	(Ni):	ND<5	5	83/83	75-125	0%
Zinc	(Zn):	ND<5	5	84/87	75-125	4%

### Definitions:

ND = Not Detected

RPD = Relative Percent Difference

RL = Reporting Limit

mg/Kg = Parts per million (ppm)

QC File No. 58468

Senior Chemist  
Account Manager

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Date Received: 07/22/94  
Date Analyzed: 07/27/94  
Date Reported: 07/28/94  
Job #: 76033

Attn: Rich Phaler  
Superior Precision Analytical  
1555 Burke Street, Unit I  
San Francisco, CA 94124

Project: Walkers Hydraulic  
Matrix: Soil

Corrosivity Criteria  
Title 22, 66708, SW 846, EPA 9045

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>pH</u>
76033-1	WSP-1(A-D)	6.6

Ignitability Criteria  
Title 22, 66702, SW 846, 7.1

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Ignitability</u>
76033-1	WSP-1(A-D)	Negative

Reactivity Criteria  
Title 22, 66705, SW 846, 7.3.4.2/7.3.3.2  
mg/Kg

<u>Lab I.D.</u>	<u>Client I.D.</u>	<u>Sulfide</u>	<u>Cyanide</u>	<u>MDL</u>
76033-1	WSP-1(A-D)	2	ND<1.0	1.0

QA/QC: Spike Recovery for Cyanide: 57%

  
Jaime Chow  
Laboratory Director

JC/dvc

OUTSTANDING QUALITY AND SERVICE  
CALIFORNIA STATE CERTIFIED LABORATORY

**APPENDIX G**

**WASTE-OIL UST SOIL DISPOSAL**

# NON-HAZARDOUS

## MATERIALS MANIFEST

### GENERATOR

TOUCHSTONE

Site Address 1049 9th Ave Oakland

Mailing \_\_\_\_\_

Phone : ( ) \_\_\_\_\_ Contact: \_\_\_\_\_

### TRANSPORTER

Address \_\_\_\_\_

Phone : ( ) \_\_\_\_\_ Contact: \_\_\_\_\_

PHONE NAME

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Name: \_\_\_\_\_ Signature \_\_\_\_\_

Truck No. \_\_\_\_\_ Ship Date: \_\_\_\_\_

Time of Pick-Up: \_\_\_\_\_ Time of Delivery: \_\_\_\_\_

### Consultant/Owner

WALKER'S HYDRAULIC, INC.

Address 2322-N BATES AVE.

CONCORD, CA 94520

Phone : ( ) 510 798-1217 Contact: RAY WALKER

I hereby certify that the above named material is consistent with the information presented in the Waste Characterization Form and Contaminated Soil Description Form, and has been properly described, classified and packaged, and is in proper condition for transport according to applicable regulation.

Name \_\_\_\_\_ Date: \_\_\_\_\_

### Recycling Facility

REMEDIAL ENVIRONMENTAL MARKETING CO. INC.

2717 GOODRICK AVENUE RICHMOND, CA 94801

RECEIVED BY: S. Dargcastle

DATE: 3-30-95

Control No: \_\_\_\_\_

A COPY OF THIS SHEET MUST ACCOMPANY EVERY LOAD, AND MUST BE SUBMITTED AT THE GATE FOR ENTRY. ALL LOADS MUST BE SCHEDULED AT LEAST 24 HOURS IN ADVANCE. DELIVERIES MUST BE SCHEDULED ON A DAILY BASIS. ANY UNSCHEDULED LOADS MAY BE REFUSED AT THE GATE.

6830 LB GR  
12:44 PM 02/15/95

6650 LB GR  
12:45 PM 02/15/95

*total  
23*

*13,450*

6848 LB GR  
12:28 PM 02/15/95

6810 LB GR  
12:28 PM 02/15/95

*total  
43*

*24,850*

**APPENDIX H**

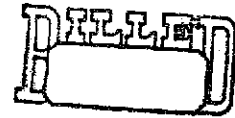
**PURGE WATER BILL OF LADING**



**CLEARWATER**  
ENVIRONMENTAL MANAGEMENT, INC.

P.O. Box 2407 UNION CITY, CA 94587-2407  
(800) 499-3676 FAX (510) 476-1786  
CAR 000 007 013 WE ACCEPT VISA & MASTERCARD

RECEIVED  
MAR 19 2002  
BY:



Bill of Lading  
Invoice # 53203

Date 03-15-02

**BILLING INFORMATION**



**JOB SITE**

NAME FUEL OIL POLISHING % EDDIE CLARK ASSOCIATES	NAME Solle's PAINT & BODY SHOP	PO #	CASH	CHECK
ADDRESS P.O. Box 3039	ADDRESS 1049 9TH AVE.	CUSTOMER EPA ID #		
CITY ROHWERT PARK, CA STATE ZIP	CITY OAKLAND, CA STATE ZIP 94606	PROFILE #		
PHONE NO. (707) 792-9500 949273039	PHONE NO. (510) 834-9816	CUSTOMER ID NO:		

PRODUCT	PROPER SHIPPING DESCRIPTION	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used Oil, Non-RCRA Hazardous Waste, Liquid		221					
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid		134					
Oily Water Non RCRA Hazardous Waste Liquid							
Non RCRA Hazardous Waste Solid Oil Contaminated Debris / Soil							
Waste Combustible Liquid nos 3 UN1993, PG III							
Non Hazardous Waste Liquid			NH 48412	40	1 BULB	120.00	120.00
Non Hazardous Waste Solid							
Transportation Charges							
Washout Charges							
Drained Used Oil Filters							
Empty Drums							
Additional Labor							
Pressure Washer							
Other:							

<b>DISPOSAL/RECYCLING FACILITY:</b>	Collection Station	Industrial	Agriculture	Government	Marine	<b>TOTAL</b>	\$120.00
-------------------------------------	--------------------	------------	-------------	------------	--------	--------------	----------

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> <b>Alviso Independent Oil</b><br>5002 Archer Street, Alviso, CA<br>CAL 000 161 743; 95002<br>(510) 797-8511 | <input type="checkbox"/> <b>McKittrick Waste Treatment Site</b><br>56533 Hwy 58 West, McKittrick, CA<br>CAD 980 636 831; 93251<br>(805) 762-7366 | <input type="checkbox"/> <b>D/K Environmental</b><br>3650 E. 26th Street, Vernon, CA<br>CAT 080 033 681; 90023<br>(323) 268-5056 |
| <input type="checkbox"/> <b>Onyx Environmental Services</b><br>1125 Hensley Street, Richmond, CA<br>CAT 080 022 148; 94081<br>(510) 233-8001    | <input type="checkbox"/> <b>Seaport Environmental</b><br>675 Seaport Blvd; Redwood City, CA<br>CAD 000 032 058; 94063<br>(415) 364-8154          | <input type="checkbox"/> <b>Commercial Filter Recycling</b><br>33210 Western Ave; Union City, CA<br>(510) 467-9277; 94587        |
| <input type="checkbox"/> <b>DeMenno Kerdoon</b><br>2000 N. Alameda Blvd; Compton, CA<br>CAT 080 013 352; 90221<br>(310) 571-3700                | <input type="checkbox"/> <b>Evergreen Oil</b><br>6880 Smith Ave; Newark, CA<br>CAD 980 887 418; 94566<br>(510) 795-4400                          |  |

NET 10 DAYS

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

DRIVER  
SIGNATURE

GENERATOR  
SIGNATURE \_\_\_\_\_