

ENVIRONMENTAL  
PROTECTION  
97 SEP 26 PM 3:33



September 23, 1997  
Project: DAC 62

10/2/97 Some petroleum HCs in soil, but should not pose a risk to human health. OK to close jwr

Ms. Eva Chu  
Alameda County Environmental Health Services  
1131 Harbor Bay Pkwy., Suite 250  
Alameda, California 94502-6577

Re: *Underground Storage Tank Removal Report*  
Former Firestone Tire Property  
2964 Broadway / 265-30th St.  
Oakland, California

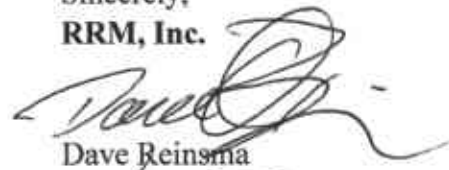
Dear Ms. Chu:

Please find enclosed the *Underground Storage Tank Removal Report* for the referenced site. The report was prepared by RRM, Inc. (RRM) on behalf of Ms. Corinne Vazquez of Hagstrom Property, L. P..

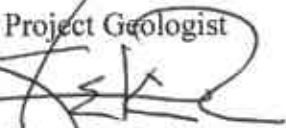
I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

If you have any questions regarding this submittal, please call (408) 475-8141.

Sincerely,  
RRM, Inc.

  
Dave Reinsma  
Project Geologist



  
Steve E. Kreik  
Senior Geologist  
RG 4976

cc: Ms. Corinne Vasquez, Hagstrom Properties, L.P.

# UNDERGROUND STORAGE TANK REMOVAL REPORT

Sq 23, 97

Former Firestone Tire Property  
2964 Broadway OR 265 30th st.  
Oakland, California

Prepared for:

Ms. Corinne Vasquez  
Hagstrom Property, L. P.  
371 Village Square  
Orinda, California 94563

Prepared by:

RRM, Inc.  
3912 Portola Drive, Suite 8  
Santa Cruz, California 95062

September 23, 1997

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## 1.0 INTRODUCTION

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This report, prepared by RRM, Inc. (RRM) on behalf of Hagstrom Property, L. P., documents the removal of an underground storage tank (UST) at the Former Firestone Tire Property in Oakland, California (Figures 1, 2 and 3). This report also documents other work performed at the site which included soil sampling and analyses; soil excavation and off-site disposal; and stockpile management.

This report includes a discussion of site background (Section 2.0); program objectives (Section 3.0); scope of work (Section 4.0); findings (Section 5.0); conclusions and recommendations (Section 6.0); limitations (Section 7.0); and professional approval (Section 8.0). Information presented as attachments include: field and laboratory procedures (Appendix A); certified analytical reports and chain-of-custody documentation (Appendix B); compaction test results and documentation (Appendix C) and permits and soil disposal manifests (Appendix D).

## 2.0 SITE BACKGROUND

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The subject site is a former Firestone Tire Property acquired by the present owners in the 1960's. The site is located at 2964 Broadway in Oakland, California. [REDACTED] heating oil was discovered on-site by the present owners. The site layout is shown in Figure 2. Prior to removal, a field inspection showed that the UST contained 575 gallons of water (90%) and oil (10%).

The neighborhood surrounding the site is primarily industrial and commercial property. The site is located approximately 1,000 feet west of the Glen Echo Creek and 3,000 feet north of Lake Merritt, which are the nearest surface water drainages. The site sits approximately 40 feet above mean sea level. Based on the regional topography and the proximity of the site to both Glen Echo Creek and Lake Merritt, groundwater is inferred to flow towards the southeast. Groundwater beneath the site is anticipated to occur at depths ranging from 20 to 30 feet below ground surface [REDACTED] based on the proximity of Glen Echo Creek, Lake Merritt, and the Oakland Inner Harbor to the site.

### 3.0 PROGRAM OBJECTIVES

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The objectives for this program are as follows:

1. Perform work in such a manner as to reduce the risk to public health and safety with respect to fire and explosion, tripping hazards and other hazards associated with UST removals.
2. Obtain all necessary permits required to remove USTs in the city of Oakland and Alameda County.
3. Perform work in accordance with generally accepted industry practices and standards.

## 4.0 SCOPE OF WORK

---

RRM addressed the program objectives discussed in Section 3 by completing the following scope of work:

- Obtained a total of six permits prior to the UST removal which included:
  - Tank Pull Permit from the City of Oakland, Fire Prevention Bureau;
  - Tank Pull Permit from Alameda County, Alameda County Environmental Health Department;
  - Excavation Permit from the City of Oakland, Office of Planning and Building;
  - Street Obstruction Permit from the City of Oakland, Office of Planning and Building;
  - Sidewalk Obstruction Permit from the City of Oakland, Office of Planning and Building; and
  - Lane Closure Permit from the City of Oakland, Office of Planning and Building.
- Prepared a Site Health and Safety Plan and Sampling Plan as part of the tank pull permit submitted to the Alameda County Environmental Health Department.
- Notified the current building tenant at 2964 Broadway, the tenants at properties adjacent to the site and city and county officials of (1) the intent to remove the UST, and (2) project scheduling.
- Subcontracted Artesian Oil to remove the contents of the UST prior to removal. The contents were disposed of by Artesian Oil under a Uniform Hazardous Waste Manifest at a licensed facility.
- Subcontracted the City of Oakland Electrical Department to remove a streetlight pole. The pole was located adjacent to the UST, which obstructed the safe removal of the UST.
- Cut and removed the sidewalk, curb and gutter overlying the UST and stored the concrete on-site pending recycling.
- Measured the lower explosive limit (LEL) and oxygen levels in the UST prior to the tank pull to document the tank was safe for removal. The readings were approved by Mr. Hernán Gómez of the City of Oakland Fire Department.



- Excavated and removed (John's Excavating) one 1,500 gallon, single-walled, steel UST previously used to store heating oil on August 25, 1997. The UST was loaded and transported for disposal to Erickson in Richmond, California, under a Uniform Hazardous Waste Manifest by Dexana Trucking on August 25, 1997.
- Stockpiled soil excavated during the tank pull on-site pending proper disposal. Soil was stockpiled on and covered by plastic sheeting in the Grocery Outlet parking lot. The soils removed from the excavation were separated into two separate spoils piles based on field evidence of petroleum hydrocarbons. Spoils Pile 1 (SP-1) was approximately 40 cubic yards ( $\text{yd}^3$ ) in volume and Spoils Pile 2 (SP-2) was approximately 10  $\text{yd}^3$  in volume.
- Ms. Eva Chu, of the Alameda County Environmental Health Department, visually inspected the tank for holes and damage. Ms. Chu did not find any holes or damage and approved the tank for disposal.
- Collected soil samples from the excavation bottom, excavation sidewalls (north and east), and both spoils piles under the direction of Ms. Chu and Mr. Gómez. One four point composite soil sample was collected from each spoils piles to profile the soil for disposal.
- Submitted soil samples, accompanied by the proper chain-of-custody documentation, to Entech Analytical Labs, a California Certified Laboratory, for analyses. The samples were analyzed for the presence of total petroleum hydrocarbons calculated as diesel (TPH-d), TPH calculated as motor oil (TPH-mo), and TPH calculated as gasoline (TPH-g); benzene, toluene, ethyl benzene, xylenes (BTEX); and methyl tertiary butyl ether (MTBE). The stockpile samples were also analyzed for the presence of total lead, chromium, cadmium, nickel and zinc. The stockpile samples were not analyzed for the presence of MTBE.
- Backfilled the tank excavation with imported fill. The fill material consisted of a combination of Tidewater Sand ( $40 \text{ yd}^3$ ) and Class II Baserock ( $30 \text{ yd}^3$ ), per the request of Carlton Cooper, Construction Inspector in the Public Works Agency for the City of Oakland. The soils were compacted to 90%. Compaction tests, performed by Construction Materials Testing, Inc., verify the 90% compaction requirement.
- Replaced the sidewalk, curb and gutter on August 30, 1997.
- Contracted the City of Oakland Electrical Department to replace the streetlight pole that was removed prior to the tank pull.
- Removed and disposed of the soils stockpiled in SP-1 and SP-2 on September 12, 1997. Based on the waste profiles, soils from SP-1 were disposed of at BFI's Vasco Road Sanitary Landfill (Vasco) in Livermore, California. RRM subcontracted Denbeste Transportation, Inc. (Denbeste) to transport the soil. Due to elevated total lead concentrations, soils from SP-2 were disposed of at Laidlaw's Button Willow Class I Facility. Transportation to Button Willow was provided by Laidlaw.

- Transported stockpiled concrete to Dutra, located in Richmond, California for recycling, and prepared this report.

## 5.0 FINDINGS

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### 5.1 UST Removal and Excavation Activities

#### 5.1.1 Pre-Removal Activities

Artesian Oil pumped the residual contents of the UST on August 20, 1997 prior to the tank pull. The material removed consisted of approximately 575 gallons of 90% water and 10% oil. The contents were disposed of by Artesian Oil under a Uniform Hazardous Waste Manifest at a licensed facility the same day of removal. In addition, RRM subcontracted the City of Oakland Electrical Department to remove a streetlight pole, which obstructed the removal of the tank. The streetlight pole was stored off-site by the Electrical Department until completion of the tank pull. Cal•West was subcontracted by RRM to cut the sidewalk, curb and gutter overlying the UST. The concrete was removed and stored on-site pending recycling.

Once the top of the tank was exposed, 100 pounds of dry ice was inserted into the tank to displace oxygen and potentially flammable vapors from the tank. Mr. Hernán Gómez and Ms. Eva Chu arrived on site to supervise UST removal activities.

#### 5.1.2 Tank Removal Activities

On August 25, 1997, one 1,500 gallon steel UST was excavated and removed from the site. Approximately 50 yd<sup>3</sup> of soil was removed and stockpiled on-site. The soil was separated into two spoils piles, SP-1 and SP-2, based on a field screening for petroleum hydrocarbons (visual, olfactory and photo-ionization detector (PID)). SP-1 was the cleaner of the two piles and had a volume of approximately 40 yd<sup>3</sup>. SP-2 had a volume of approximately 10 yd<sup>3</sup>.

To ensure safe removal of the tank, the lower explosive limit (LEL) and oxygen readings were taken using a Gastech Gas Analyzer under the direction of Mr. Gómez and Ms. Chu. The LEL was measured at 1 and oxygen levels were measured at 3%. Approval to remove the tank was granted by Mr. Gómez based on these readings.

The soils excavated consisted of a silty sand with occasional chert fragments from the ground surface to the bottom of the excavation, which was approximately 10.5 feet below ground surface (bgs). No groundwater was encountered in the excavation pit.

Upon removal of the UST, Ms. Chu did not find any holes or damage during her visual inspection to the tank. She supervised sampling and approved the backfilling of the excavation.

The vent lines and product lines were clamped and left in place. The excavation was backfilled with imported fill material and compacted with a vibratory plate at 0.5 to 1.5 foot lifts to 90%. The imported backfill material consisted of Tidewater Sand to approximately 4.5 feet bgs and Class II Baserock to approximately 0.5 feet bgs, as per the request of Mr. Carlton Cooper. The tank was loaded and transported to Erickson for disposal under a Uniform Hazardous Waste Manifest by Dexana Trucking on August 25, 1997.

## 5.2 Soil Sampling and Analytical Results

On August 25, 1997, soil samples were collected from the former UST complex excavation area under the direction of Ms. Eva Chu. A discrete drive sampler was used to obtain the soil samples. Two samples were taken from the excavation bottom: soil sample TB-1 at a depth of approximately 10 feet bgs and soil sample TB-2 at a depth of approximately 10.5 feet bgs. Two soil samples were collected from the excavation sidewalls: soil sample N-1 at a depth of 6 feet bgs on the northern sidewall and soil sample E-1 at a depth of 6.5 feet bgs on the eastern sidewall. A four point composite sample was collected from each spoils pile. Ms. Eva Chu waived the sampling of the southern and western excavation sidewalls, as soil from these sidewalls appeared to be free of petroleum hydrocarbons.

Soil samples were analyzed for the presence of selected compounds including TPH-d, TPH-mo, and TPH-g, BTEX compounds and MTBE. Each stockpile sample was also analyzed for the presence of total lead. A third four point stockpile sample was comprised of two samples from each spoils pile and was analyzed for the presence of total lead, chromium, cadmium, nickel and zinc. The composite samples were not analyzed for the presence of MTBE. Soil analytical data is presented in Table 1. Soil sample locations are shown on Figure 3. Certified analytical reports and chain-of-custody documentation are provided in Appendix B.

Soil analytical data shows that toluene, TPH-d and MTBE were not detected in any of the excavation sidewall or bottom samples. TPH-mo was detected in all sidewall and bottom samples at concentrations ranging from 490 parts per million (ppm) to 2,900 ppm. TPH-g was detected only in soil samples TB-2 and E-1 at concentrations of 14.0 and 7.7 ppm, respectively. Benzene, ethylbenzene, and xylenes were detected only in soil sample TB-2 at a concentrations of 0.0092, 0.011, and 0.020 ppm, respectively.

## 5.3 Soil Compaction Results

Imported backfill material was placed into the excavation in 0.5 to 1.5 foot lifts and compacted to 90% compaction. Construction Materials Testing, Inc., of Concord, California, performed compaction testing. An engineering technician performed the compaction testing with a nuclear soil moisture/density gauge following the ASTM D2922 test procedure. The tests met the 90% compaction requirement. Results of the compaction tests are included in Appendix C.

## 5.4 Soil and Concrete Stockpile Management and Disposal

The soil and concrete removed during the tank pull activities were stockpiled on-site until disposal on September 12, 1997. Denbeste transported the concrete and soil to appropriate disposal facilities. On September 12, 1997, Denbeste transported approximately 20 tons of clean concrete to Dutra, located in Richmond, California for recycling.

Based on the soil analytical data collected from SP-1, BFI approved disposal of this material in the Vasco located in Livermore, California. Approximately 39 tons of soil were transported to Vasco by Denbeste under manifest on September 12, 1997. The soils stockpiled in SP-2 required disposal in a Class I Hazardous Waste Facility due to elevated concentrations of total lead. Laidlaw transported approximately 11 tons of soil to their Button Willow facility located in [REDACTED] for disposal. The soil was transported under a Uniform Hazardous Waste Manifest (Appendix D)

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

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Underground storage tank removal activities at the site are complete. Based on the soil analytical data collected from beneath the UST, excavation sidewalls, and observation made in the field, RRM concludes the following:

- Approximately 50 tons of hydrocarbon impacted soil was excavated during UST removal activities and disposed of at off site disposal facilities. With the excavation and disposal of this material, the majority of soils containing hydrocarbons have been removed.
- Soils beneath the site consist of low conductivity, fine grained silty sand.
- Groundwater was not encountered in the excavation. Groundwater beneath the site, based on the site elevation relative to Glen Echo Creek, Merritt Lake and the Oakland Inner Harbor, is anticipated to occur at a depth ranging from 20 to 30 feet bgs.
- Low concentrations of purgeable hydrocarbons (BTEX, and TPH-g) were detected in two out of four samples analyzed. Purgeable hydrocarbons are known to degrade groundwater. However, in place concentrations at the site are well below levels typically expected to potentially degrade groundwater.
- Concentrations of extractable hydrocarbons (TPH-mo) ranging from 490 to 2,900 ppm were detected in four out of four samples analyzed. On occasion, extractable hydrocarbons have been known to degrade shallow groundwater. These hydrocarbons are relatively immobile in the subsurface environment and do not pose a significant threat to groundwater.

Based on the above conclusions, RRM recommends no further investigation or remediation, and site case closure.

## 7.0 LIMITATIONS

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Evaluations of the geologic conditions at the site for the purpose of this investigation are inherently limited due to the number of observation points. There may be variations in the subsurface conditions in areas away from the sample points. There are no representations, warranties, or guarantees that the points selected for sampling are representative of the entire site. Data from this report reflect the sample conditions at specific locations at a specific point in time. No other interpretations, representations, warranties, guarantees, express or implied, are included or intended in the report findings. Additional work, including further subsurface investigation, might reduce the inherent uncertainties associated with this type of investigation.

## 8.0 PROFESSIONAL APPROVAL

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### UNDERGROUND STORAGE TANK REMOVAL REPORT

Former Firestone Tire Property  
2964 Broadway  
Oakland, California

September 23, 1997

This report prepared for:

Hagstrom Properties  
371 Village Square  
Orinda, California

by



Dave Reinsma  
Project Geologist



Steven E. Krcik  
Senior Geologist  
RG 4976





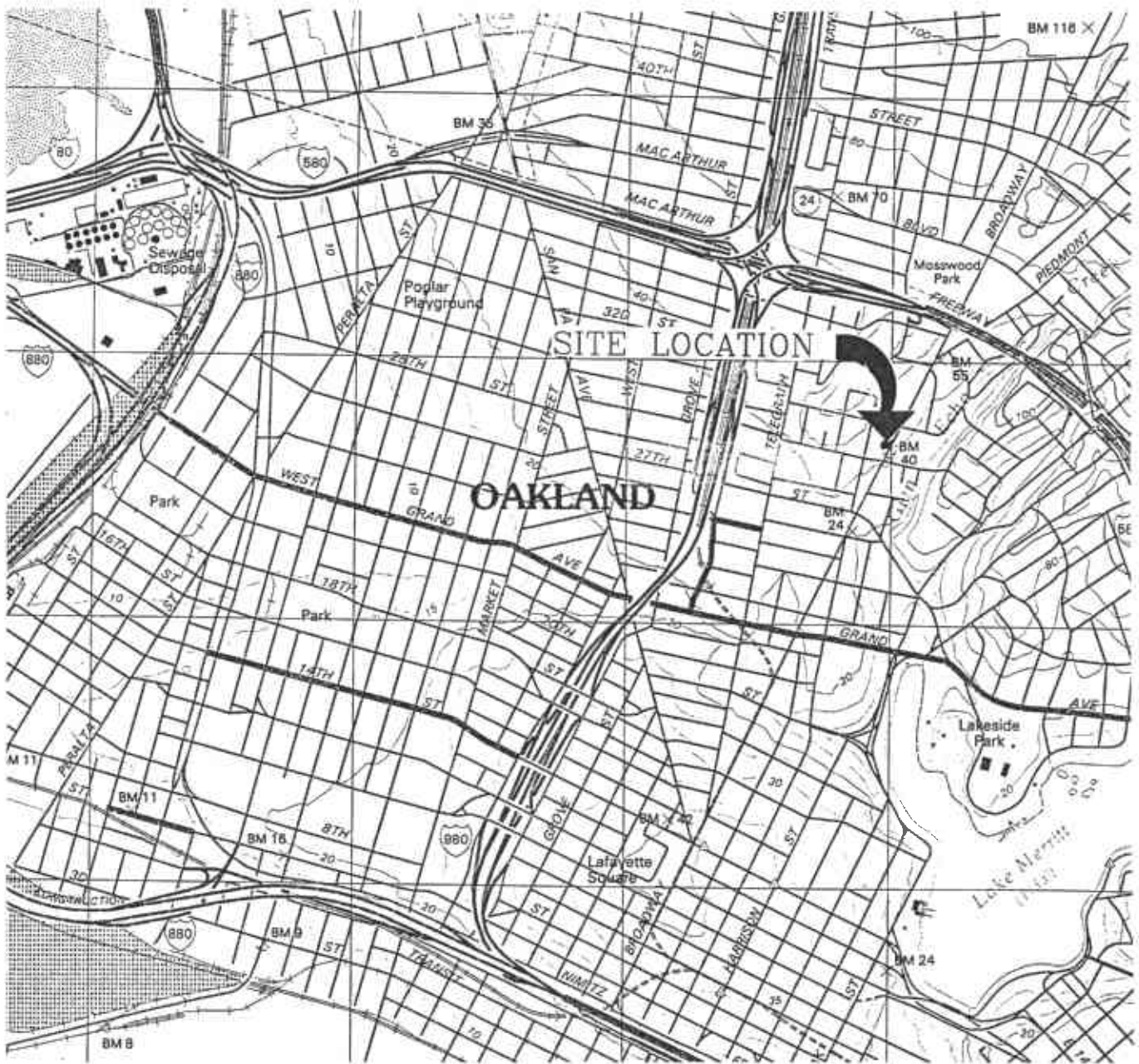
Table 1  
Summary of Soil Analytical Data

Former Firestone Tire Property  
2964 Broadway  
Oakland, California

Sample Number	Date Sampled	Sample Depth (feet)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Xylenes (ppm)	MTBE (ppm)	TPH-g (ppm)	TPH-d (ppm)	TPH-mo (ppm)	Total Lead (ppm)	Cadmium (ppm)	Chromium (ppm)	Nickel (ppm)	Zinc (ppm)
<b>Tank Bottom Samples</b>															
TB-1-10'	8/25/97	10.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 1.0	< 1.0	490	NA	NA	NA	NA	NA
TB-2-10.5'	8/25/97	10.5	0.0092	< 0.005	0.011	0.020	< 0.05	14 <sup>1</sup>	< 1.0	2,400	NA	NA	NA	NA	NA
<b>Excavation Samples</b>															
N-1-6'	8/25/97	6.0	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 1.0	< 1.0	2,900	NA	NA	NA	NA	NA
E-1-6.5'	8/25/97	6.5	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	7.7 <sup>1</sup>	< 1.0	880	NA	NA	NA	NA	NA
<b>Spoils Pile Sample</b>															
SP-1A, B, C, D	8/25/97	Composite	< 0.005	0.0064	0.0081	0.036	NA	NA	< 10.0	1,900	3.7	NA	NA	NA	NA
SP-2A, B, C, D	8/25/97	Composite	0.0071	0.010	0.012	0.051	NA	NA	< 100.0	13,000	1,800	NA	NA	NA	NA
SP-1A,1B/ SP-2A, 2B	8/25/97	Composite	NA	NA	NA	NA	NA	NA	NA	NA	640	< 0.50	42	47	120

Notes:

ppm = Parts per million  
 TPH = Total petroleum hydrocarbons  
 TPH-g = TPH calculated as gasoline  
 TPH-mo = TPH calculated as motor oil  
 < = Not detected at or above the specified detection limit  
 N = North sidewall sample taken at depth indicated  
 1 = TPH-g chromatograms were within the reporting range, but do not match the typical gasoline pattern  
 SP = Sample taken from spoils pile  
 MTBE = Methyl tertiary butyl ether  
 TPH-d = TPH calculated as diesel  
 TB = Sample taken from bottom of excavation at depth indicated  
 NA = Not analyzed  
 E = East sidewall sample taken at depth indicated



QUADRANGLE LOCATION

QUADRANGLE LOCATION

**Reference:**  
 USGS 7.5 MIN. TOPOGRAPHIC MAP  
 TITLED: OAKLAND WEST, CALIFORNIA



SCALE (ft)



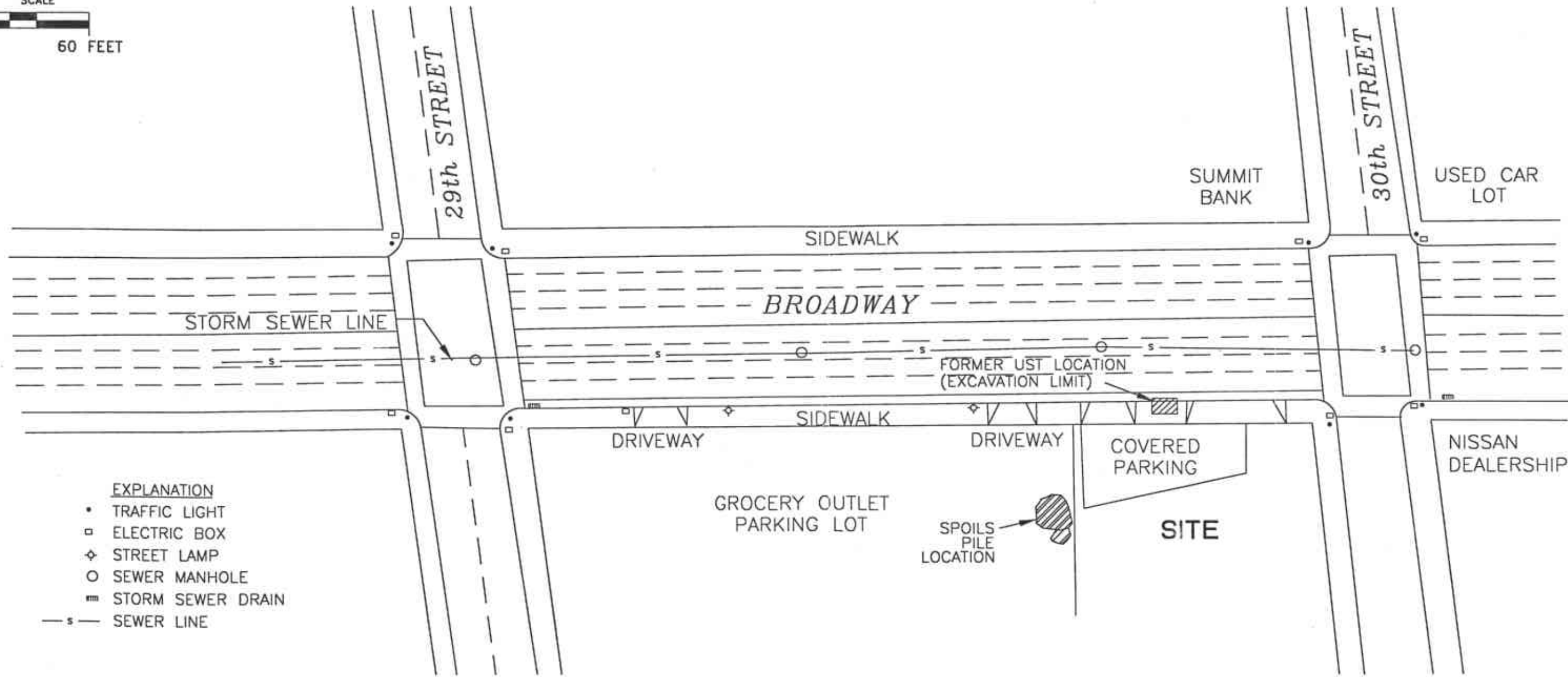
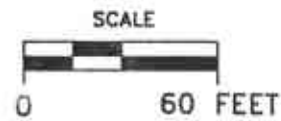
PREPARED BY



**Former Firestone Tire Property**  
 2964 Broadway  
 Oakland, California

**SITE LOCATION MAP**

FIGURE:  
 1  
 PROJECT:  
 DAC62



**EXPLANATION**

- TRAFFIC LIGHT
- ELECTRIC BOX
- ◇ STREET LAMP
- SEWER MANHOLE
- ▨ STORM SEWER DRAIN
- s— SEWER LINE

Base map from Geologist sketch

PREPARED BY

**RRM**  
engineering contracting firm

**FORMER FIRESTONE TIRE PROPERTY**  
2964 Broadway  
Oakland, California

**EXTENDED SITE MAP**

**FIGURE:**  
**2**  
**PROJECT:**  
DAC62



SCALE (ft)



FORMER UST LOCATION  
(EXCAVATION LIMIT)

BROADWAY

TB-1-10'

N-1-6'

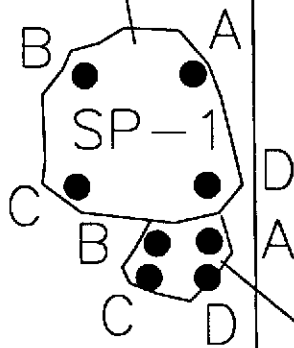
E-1-6.5'

TB-2-10.5'

SPOILS  
PILE  
LOCATION

COVERED  
PARKING

SITE



SP-2

- EXPLANATION**
- N-1-6'    ✦    EXCAVATION SIDEWALL SOIL SAMPLE
  - TB-1-10' ✕    EXCAVATION BOTTOM SOIL SAMPLE
  - SP-1-A    ●    SPOILS PILE SOIL SAMPLE

PREPARED BY

**RRM**  
engineering contracting firm

Former Firestone Tire Property  
2964 Broadway  
Oakland, California

UST EXCAVATION AND SPOILS PILE  
LOCATION MAP

FIGURE:

3

PROJECT:

DAC62

**APPENDIX A**  
**FIELD AND LABORATORY PROCEDURES**

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## APPENDIX A

### FIELD AND LABORATORY PROCEDURES

---

#### **Excavation and Soil Sampling Procedures**

The 1,500 gallon UST was removed by excavating the soil surrounding the tank. The soil was excavated by John's Excavating, subcontracted by RRM, using a backhoe. The soil removed from the excavation was placed in two separate spoils piles based on field evidence of petroleum hydrocarbons. The excavation was backfilled with Tidewater Sand and Baserock II and compacted to 90%.

A total of four soil samples were obtained from the UST excavation by advancing a discrete drive sampler to a depth of approximately 6 inches and inserted into a brass ring. The soil samples from each sample interval were retained for chemical analysis, capped with Teflon® tape squares and plastic end caps and placed in a sealed plastic bag. Samples were placed on ice for transport to a state-certified laboratory, accompanied by chain-of-custody documentation. All sampling equipment was thoroughly cleaned between each sample using clean tap water and tri-sodium phosphate cleaner. Four grab samples (A-D) were collected from each spoils pile. These soil samples were also retained for chemical analysis. Sample preparation for these samples was the same as for the excavation samples.

The compaction testing was performed by Construction Materials Testing, Inc. (CMT). Two tests were performed: a laboratory maximum densities test and a field relative compaction test. The tests were taken with a nuclear soil moisture/density gauge following the ASTM D2922 test procedure. Samples were prepared, transported, submitted, and tested by CMT.

#### **Laboratory Procedures**

Selected soil samples collected were analyzed for the presence of total petroleum hydrocarbons (TPH) calculated as gasoline (TPH-g); TPH calculated as diesel (TPH-d); TPH calculated as motor oil (TPH-mo); benzene, toluene, ethyl benzene and xylenes (BTEX); and methyl tertiary butyl ether (MTBE). The composite samples from the spoils piles were also analyzed for total lead; cadmium; chromium; nickel; and zinc. Analytical methods used to identify petroleum hydrocarbons were performed according to EPA Methods 8015 (Modified) and 8020. The analysis used to identify the metals were performed according to EPA Methods 6010.

**APPENDIX B**  
**CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY**  
**DOCUMENTATION**

---

# Entech Analytical Labs, Inc.

CA ELAP# 2224

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Dave Reinsma  
Remediation Risk Management  
3912 Portola Drive, Suite 8  
Santa Cruz, CA 95062

Date:	9/3/97
Date Received:	8/26/97
Date Analyzed:	8/27-8/28/97
Project #:	DAC62
Sampled By:	Client

## Certified Analytical Report

### Soil Sample Analysis:

Test	SP-1 (A,B,C,D) Composite	SP-2 (A,B,C,D) Composite	Units	PQL	EPA Method #
Sample Matrix	Soil	Soil			
Sample Date	8/25/97	8/25/97			
Sample Time	1240	1330			
Lab #	D13437	D13439			
DF-Diesel/M.O.	10	100			
TPH-Diesel	ND	ND	mg/kg	1.0 mg/kg	8015M
TPH-Motor Oil Range	1,900	13,000	mg/kg	1.0 mg/kg	8015M
DF-BTEX	1	1			
Benzene	ND	0.0071	mg/kg	0.005 mg/kg	8020
Toluene	0.0064	0.010	mg/kg	0.005 mg/kg	8020
Ethyl Benzene	0.0081	0.012	mg/kg	0.005 mg/kg	8020
Xylenes	0.036	0.051	mg/kg	0.005 mg/kg	8020

1.  $DLR = DF \times PQL$
2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)



Michael N. Golden, Lab Director

DF=Dilution Factor  
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit  
ND=None Detected at or above DLR



# Entech Analytical Labs, Inc.

CA ELAP# 2224

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Dave Reinsma  
Remediation Risk Management  
3912 Portola Drive, Suite 8  
Santa Cruz, CA 95062

Date:	9/8/97
Date Received:	8/26/97
Date Analyzed:	9/8/97
Project #:	DAC 62
Sampled By:	Client

## Certified Analytical Report

### Soil Sample Analysis:

Test	Composite SP1A,1B SP2C,2D	Units	PQL	EPA Method #
Sample Matrix	Soil			
Sample Date	8/25/97			
Sample Time	1240-1330			
Lab #	D13922			
<b>Cadmium</b>	<b>ND</b>	mg/kg	0.50 mg/kg	6010
<b>Chromium</b>	<b>42</b>	mg/kg	0.50 mg/kg	6010
<b>Lead</b>	<b>640</b>	mg/kg	0.50 mg/kg	6010
<b>Nickel</b>	<b>47</b>	mg/kg	0.50 mg/kg	6010
<b>Zinc</b>	<b>120</b>	mg/kg	0.50 mg/kg	6010

1. DLR=DF x PQL (DF=1 unless noted)
2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)

  
Michael N. Golden, Lab Director

DF=Dilution Factor  
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit  
ND=None Detected at or above DLR

# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • Telephone: (408) 735-1550 (800) 287-1799 • Fax: (408) 735-1554

## Chain of Custody/Analysis Work Order

Client: Hagstrom Realty  
 Address: Broadway + 30th  
Oakland  
 Contact: Dave Reinsma  
 Telephone #: 475-8141  
 Date Received: 8/26/97  
 Turn Around: Standard

Project ID: DAK 62  
 Purchase Order #:

Sampler/Company: <u>RRM</u>	Telephone #: <u>475-8141</u>
Special Instructions/Comments	

LAB USE ONLY

Samples arrived chilled and intact:

Yes                      No

Notes: \_\_\_\_\_

\_\_\_\_\_

Sample Information								Requested Analysis							
Lab #	Sample ID	Grab/Composite	Matrix	Date Collected	Time Collected	Pres.	Sample Container/#	TPH	BTEX						
	SP-1A	Grab	Soil	8/25/97	1240	No	Brass	✓	✓						
D13437	SP-1B	↓ (comp.)	↓	↓	1240	↓	↓	✓	✓						
	SP-1C				1240			✓	✓						
	SP-1D				1240			✓	✓						
D13438	SP-1ABCD				Composite			1240	↓	↓	1				
Relinq. By: <u>M. J. [Signature]</u>								Received By: <u>Michael Coetz</u>				Date: <u>8/26/97</u>		Time: <u>11:05</u>	
Relinq. By: <u>Michael [Signature]</u>								Received By: <u>Jennifer Elinger</u>				Date: <u>8/26/97</u>		Time: <u>12:10</u>	
Relinq. By:								Received By:				Date:		Time:	

# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • Telephone: (408) 735-1550 (800) 287-1799 • Fax: (408) 735-1554

## Chain of Custody/Analysis Work Order

Client: Hagstrom Realty  
 Address: Broadway + 30th  
Oakland  
 Contact: Dave Reinema  
 Telephone #: 475-8141  
 Date Received: 8/26/97  
 Turn Around: Standard

Project ID: DAC 62  
 Purchase Order #: \_\_\_\_\_

Sampler/Company: <u>RRM</u>	Telephone #: <u>475-8141</u>
Special Instructions/Comments	

LAB USE ONLY

Samples arrived chilled and intact:

Yes                      No

Notes: \_\_\_\_\_

\_\_\_\_\_

Sample Information								Requested Analysis							
Lab #	Sample ID	Grab/Composite	Matrix	Date Collected	Time Collected	Pres.	Sample Container / #	TPH	BTEX						
D13439	SP-2A	Grab	Soil	8/25/97	1330	No	Brass	✓	✓						
	SP-2B	↓ } comp	↓	↓	1330	↓	↓	✓	✓						
	SP-2C				1330			✓	✓						
	SP-2D				1330			✓	✓						
D13440	SP-2ABCD	Composite	↓	↓	1330	↓	↓ 2								Hold
Relinq. By: <u>[Signature]</u>								Received By: <u>Michael Coetz #914</u>				Date: <u>8/26/97</u>		Time: <u>11:05</u>	
Relinq. By: <u>[Signature]</u>								Received By: <u>Jennifer Elinger</u>				Date: <u>8/26/97</u>		Time: <u>12:10</u>	
Relinq. By: _____								Received By: _____				Date: _____		Time: _____	

## QUALITY CONTROL RESULTS SUMMARY

METHOD: ICP

QC Batch #: SM970904

Matrix: Solid

Units: mg/kg

Date Analyzed: 09/08/97

Extraction Method: EPA 3050

Spiked Sample: DI3815

PARAMETER	Method #	MB mg/kg	SA mg/kg	SR mg/kg	SP mg/kg	SP %R	SPD mg/Kg	SPD %R	RPD	QC LIMITS	
										RPD	%R
Antimony	6010	<0.5	25.	0.0	25.	100	23.	93	7.3	25.0	50-150
Arsenic	6010	<0.5	25.	0.0	24.	97	22.	86	11.9	25.0	50-150
Barium	6010	<0.5	25.	0.0	27.	107	23.	92	15.2	25.0	50-150
Beryllium	6010	<0.5	25.	0.0	26.	103	23.	94	9.2	25.0	50-150
Cadmium	6010	<0.5	25.	0.0	26.	102	23.	92	10.6	25.0	50-150
Chromium	6010	<0.5	25.	0.0	27.	109	26.	104	4.8	25.0	50-150
Cobalt	6010	<0.5	25.	0.0	24.	95	21.	83	14.1	25.0	50-150
Copper	6010	<0.5	25.	0.0	27.	107	24.	95	11.6	25.0	50-150
Lead	6010	<0.5	25.	0.0	25.	100	22.	89	11.1	25.0	50-150
Molybdenum	6010	<0.5	25.	0.0	27.	110	25.	99	10.3	25.0	50-150
Nickel	6010	<0.5	25.	0.0	25.	102	23.	91	11.0	25.0	50-150
Selenium	6010	<0.5	25.	0.0	23.	91	21.	83	9.3	25.0	50-150
Silver	6010	<0.5	25.	0.0	28.	111	24.	96	15.0	25.0	50-150
Thallium	6010	<0.5	25.	0.0	25.	99	22.	87	12.6	25.0	50-150
Vanadium	6010	<0.5	25.	0.0	26.	104	25.	99	4.5	25.0	50-150
Zinc	6010	<0.5	25.	0.0	25.	102	23.	92	10.1	25.0	50-150

Note: LCS and LCSD results reported for the following Parameters:

All

Acceptable LCS and LCSD results are reported when matrix interferences cause MS and MSD results to fall outside established QC limits.

## Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank

SA: Spike Added

SR: Sample Result

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

### QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: GBG490827

Matrix: Soil

Units: ug/kg

Date Analyzed: 08/27/97

Quality Control Sample: D13491

PARAMETER	Method #	MB ug/kg	SA ug/kg	SR ug/kg	SP ug/kg	SP % R	SPD ug/kg	SPD %R	RPD	QC LIMITS (ADVISORY)	
										RPD	%R
Benzene	8020	<5.0	80	ND	86	107	77	96	10.7	25	50-150
Toluene	8020	<5.0	80	ND	85	106	76	95	10.8	25	50-150
Ethyl Benzene	8020	<5.0	80	ND	83	104	75	94	10.1	25	50-150
Xylenes	8020	<5.0	240	ND	168	70	150	62	11.3	25	50-150
Gasoline	8015	<1000.00	1000	ND	920	92	850	85	7.9	25	50-150

Note: LCS and LCSD results reported for the following Parameters:

None

Acceptable LCS and LCSD results are reported when matrix interferences cause MS and MSD results to fall outside established QC limits.

#### Definition of Terms:

- na: Not Analyzed in QC batch
- MB: Method Blank
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike % Recovery
- NC: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

### QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: GBG2970826

Matrix: Soil

Units: ug/kg

Date Analyzed: 08/26/97

Quality Control Sample: D13430

PARAMETER	Method #	MB ug/kg	SA ug/kg	SR ug/kg	SP ug/kg	SP % R	SPD ug/kg	SPD %R	RPD	QC LIMITS (ADVISORY)	
										RPD	%R
Benzene	8020	<5.0	80	ND	79	99	79	98	0.3	25	50-150
Toluene	8020	<5.0	80	ND	79	99	78	98	0.8	25	50-150
Ethyl Benzene	8020	<5.0	80	ND	78	98	77	96	1.7	25	50-150
Xylenes	8020	<5.0	240	ND	236	98	232	97	1.9	25	50-150
Gasoline	8015	<1000.00	1000	ND	1110	111	1060	106	4.6	25	50-150

Note: LCS and LCSD results reported for the following Parameters:

None

Acceptable LCS and LCSD results are reported when matrix interferences cause MS and MSD results to fall outside established QC limits.

#### Definition of Terms:

- na: Not Analyzed in QC batch
- MB: Method Blank
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike % Recovery
- NC: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

QC Batch #: DS970807

Matrix: Soil

Units: mg/Kg

Date analyzed: 08/25/97

Date extracted: 08/25/97

Quality Control Sample: Blank Spike

PARAMETER	Method #	MB	SA	SR	SP	SP	SPD	SPD	RPD	QC LIMITS	
		mg/Kg	mg/Kg	mg/Kg	mg/Kg	%R	mg/Kg	%R		RPD	%R
Diesel	8015M	<1.0	25	ND	24	96	24	95	0.8	25	50-150

Definition of Terms:

MB: Method Blank

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

NC: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

QC Batch #: DS970808

Matrix: Soil

Units: mg/Kg

Date analyzed: 08/27/97

Date extracted: 08/27/97

Quality Control Sample: Blank Spike

PARAMETER	Method #	MB	SA	SR	SP	SP	SPD	SPD	RPD	QC LIMITS	
		mg/Kg	mg/Kg	mg/Kg	mg/Kg	%R	mg/Kg	%R		RPD	%R
Diesel	8015M	<1.0	25	ND	23	90	23	91	0.9	25	50-150

Definition of Terms:

MB: Method Blank

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

NC: Not Calculated



Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

QC Batch #: DS970809

Matrix: Soil

Units: mg/Kg

Date analyzed: 08/28/97

Date extracted: 08/28/97

Quality Control Sample: Blank Spike

PARAMETER	Method #	MB	SA	SR	SP	SP	SPD	SPD	RPD	QC LIMITS	
		mg/Kg	mg/Kg	mg/Kg	mg/Kg	%R	mg/Kg	%R		RPD	%R
Diesel	8015M	<1.0	25	ND	22	87	21	82	6.1	25	50-150

Definition of Terms:

MB: Method Blank

na: Not Analyzed in QC batch

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

NC: Not Calculated

# Entech Analytical Labs, Inc.

CA ELAP# 2224

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Dave Reinsma  
Remediation Risk Management  
3912 Portola Drive, Suite 8  
Santa Cruz, CA 95062

Date:	9/3/97
Date Received:	8/26/97
Date Analyzed:	8/26-8/27/97
Project #:	DAG623
Sampled By:	Client

## Certified Analytical Report

### Soil Sample Analysis:

Test	TB-1-10'	TB-2-10.5'	N-1-6'	E-1-6.5'	Units	PQL	EPA Method #
Sample Matrix	Soil	Soil	Soil	Soil			
Sample Date	8/25/97	8/25/97	8/25/97	8/25/97			
Sample Time	1420	1440	0940	1455			
Lab #	D13433	D13434	D13435	D13436			
DF-Diesel/M.O.	1	10	20	10			
TPH-Diesel	ND	ND	ND	ND	mg/kg	1.0 mg/kg	8015M
TPH-Motor Oil Range	490	2,400	2,900	880	mg/kg	1.0 mg/kg	8015M
DF-Gas/BTEX	1	1	1	1			
TPH-Gas	ND	14 <sup>2</sup>	ND	7.7 <sup>2</sup>	mg/kg	1.0 mg/kg	8015M
MTBE	ND	ND	ND	ND	mg/kg	0.05 mg/kg	8020
Benzene	ND	0.0092	ND	ND	mg/kg	0.005 mg/kg	8020
Toluene	ND	ND	ND	ND	mg/kg	0.005 mg/kg	8020
Ethyl Benzene	ND	0.011	ND	ND	mg/kg	0.005 mg/kg	8020
Xylenes	ND	0.020	ND	ND	mg/kg	0.005 mg/kg	8020

1. DLR=DF x PQL
2. TPH-Gas chromatograms for Lab #D13434,36 although within the reporting range, do not match the typical Gas pattern
3. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)



Michael N. Golden, Lab Director

DF=Dilution Factor  
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit  
ND=None Detected at or above DLR

# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • Telephone: (408) 735-1550 (800) 287-1799 • Fax: (408) 735-1554

## Chain of Custody/Analysis Work Order

Client: Hagstrom Realty  
 Address: Broadway + 30th  
Oakland  
 Contact: Dave Reinsma  
 Telephone #: 475-8141  
 Date Received: 8/26/97  
 Turn Around: Standard

Project ID: DAC62  
 Purchase Order #: \_\_\_\_\_

Sampler/Company: <u>RRM</u>	Telephone #: <u>475-8141</u>
Special Instructions/Comments	

LAB USE ONLY

Samples arrived chilled and intact:

Yes  No

Notes: \_\_\_\_\_

\_\_\_\_\_

Sample Information								Requested Analysis							
Lab #	Sample ID	Grab/Composite	Matrix	Date Collected	Time Collected	Pres.	Sample Container	TPH <sub>9</sub>	BTEX	TPH <sub>4</sub>	MTBE				
D13433	TB-1-10'	Grab	Soil	8/25/97	1420	No	Brass	✓	✓	✓	✓				
D13434	TB-2-10.5'	↓	↓	↓	1440	↓	↓	✓	✓	✓	✓				
D13435	N-1-6'	↓	↓	↓	0940	↓	↓	✓	✓	✓	✓				
D13436	E-1-6.5'	↓	↓	↓	1455	↓	↓	✓	✓	✓	✓				
Relinquish By: <u>Mark M. Finn</u>								Received By: <u>Michael Goetz #914</u>				Date: <u>8/26/97</u>		Time: <u>11:05</u>	
Relinquish By: <u>Michael Goetz</u>								Received By: <u>Jennifer Ellinger</u>				Date: <u>8/26/97</u>		Time: <u>12:10</u>	
Relinquish By: _____								Received By: _____				Date: _____		Time: _____	

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Dave Reinsma  
Remediation Risk Management  
3912 Portola Drive, Suite 8  
Santa Cruz, CA 95062

Date:	9/9/97
Date Received:	8/26/97
Date Analyzed:	9/9/97
Project #:	DAC 62
Sampled By:	Client

## Certified Analytical Report

### Soil Sample Analysis:

Sample ID	Sample Date	Sample Time	Lab #	Total Lead
SP-1ABCD	8/25/97	1240	D13438	3.7
SP-2ABCD	8/25/97	1330	D13440	1,800

1.  $DLR = DF \times PQL$
2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)

### Test Methods:

Test	EPA Method #	Units	PQL
TTLIC Extraction	3050		
Lead	6010	mg/kg	0.50 mg/kg

  
Michael N. Golden, Lab Director

DF=Dilution Factor  
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit  
ND=None Detected at or above DLR

## QUALITY CONTROL RESULTS SUMMARY

METHOD: ICP

QC Batch #: SM970905

Matrix: Solid

Units: mg/kg

Date Analyzed: 09/11/97

Extraction Method: EPA 3050

Spiked Sample: D14118

PARAMETER	Method #	MB mg/kg	SA mg/kg	SR mg/kg	SP mg/kg	SP %R	SPD mg/Kg	SPD %R	RPD	QC LIMITS	
										RPD	%R
Antimony	6010	<0.50	25.	0.0	26.	102	23.	93	9.1	25.0	50-150
Arsenic	6010	<0.50	25.	0.0	21.	85	20.	80	7.2	25.0	50-150
Barium	6010	<0.50	25.	0.0	21.	84	20.	78	7.3	25.0	50-150
Beryllium	6010	<0.50	25.	0.0	24.	95	23.	91	3.7	25.0	50-150
Cadmium	6010	<0.50	25.	0.0	23.	92	21.	85	7.4	25.0	50-150
Chromium	6010	<0.50	25.	0.0	25.	99	26.	102	3.4	25.0	50-150
Cobalt	6010	<0.50	25.	0.0	22.	90	20.	80	12.0	25.0	50-150
Copper	6010	<0.50	25.	0.0	24.	95	22.	87	8.7	25.0	50-150
Lead	6010	<0.50	25.	0.0	23.	91	20.	81	12.4	25.0	50-150
Molybdenum	6010	<0.50	25.	0.0	26.	104	24.	95	9.6	25.0	50-150
Nickel	6010	<0.50	25.	0.0	24.	96	21.	84	13.3	25.0	50-150
Selenium	6010	<0.50	25.	0.0	21.	83	20.	80	4.3	25.0	50-150
Silver	6010	<0.50	25.	0.0	25.	99	23.	92	6.6	25.0	50-150
Thallium	6010	<0.50	25.	0.0	23.	93	21.	86	8.1	25.0	50-150
Vanadium	6010	<0.50	25.	0.0	23.	94	21.	85	9.4	25.0	50-150
Zinc	6010	<0.50	25.	0.0	22.	89	21.	85	4.8	25.0	50-150

Note: LCS and LCSD results reported for the following Parameters:

All

Acceptable LCS and LCSD results are reported when matrix interferences cause MS and MSD results to fall outside established QC limits.

## Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank

SA: Spike Added

SR: Sample Result

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike Duplicate % Recovery

# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • Telephone: (408) 733-1550 (Toll) 287-1799 • Fax: (408) 733-1534

## Chain of Custody/Analysis Work Order

Client: Hagstrom Realty  
 Address: Broadway + 30th  
Oakland  
 Contact: Dave Reinman  
 Telephone #: 475-8141  
 Date Received: 8/26/97  
 Turn Around: Standard

Project ID: DAK 62  
 Purchase Order #: \_\_\_\_\_  
 Sampler/Company: RRM Telephone #: 475-8141  
 Special Instructions/Comments: RUSH \*

LAB USE ONLY	
Samples arrived chilled and intact:	
Yes	No
Notes: _____	

Sample Information								Requested Analysis							
Lab #	Sample ID	Grab/Composite	Matrix	Date Collected	Time Collected	Pres.	Sample Container #	PH	TD	COX	Pb				
	SP-1A	Grab	Soil	8/25/97	1240	No	BRM	✓	✓						
012437	SP-1B	↓	↓	↓	1240	↓	↓	✓	✓						
	SP-1C	↓	↓	↓	1240	↓	↓	✓	✓						
	SP-1D	↓	↓	↓	1240	↓	↓	✓	✓						
013438	SP-1A&D	Composite	↓	↓	1240	↓	↓				Hold				
	SP-1A&D	Composite									✓				

Received By: <u>Michael Coetz</u>	Date: <u>8/26/97</u>	Time: <u>11:05</u>
Received By: <u>Jennifer Ellinger</u>	Date: <u>8/26/97</u>	Time: <u>12:10</u>

# RUSH

9-08-1997 3:06PM FROM RRM 408 475 8249 P.2  
 9-08-1997 9:58AM FROM ENTECH ANALYTICAL 408 7351554  
 9-04-1997 4:43PM FROM RRM 408 475 8249  
 9-03-1997 3:00AM FROM ENTECH ANALYTICAL 408 7351554 P.4  
 P.1  
 P.3

# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite B • San Bruno, CA 94036 • Telephone: (408) 735-1550 (800) 287-1199 • Fax: (408) 735-1554

## Chain of Custody/Analysis Work Order

Client: Hagstrom Realty  
 Address: Broadway + 30th  
Oakland  
 Contact: Dave Reinosa  
 Telephone #: 475-8141  
 Date Received: 8/26/97  
 Turn Around: Standard

Project ID: DAK 62  
 Purchase Order #:

Sampler/Company: RRM Telephone #: 475-8141  
 Special Instructions/Comments: RUSH

LAB USE ONLY	
Samples arrived chilled and intact:	
Yes	No
Notes:	

Sample Information								Requested Analysis							
Lab #	Sample ID	Grab/Composites	Matrix	Date Collected	Time Collected	Pres.	Sample Containers #	TPH	STEX			Canis Metal	Pb		
D13439	SP-2A	Grab	Soil	8/25/97	1730	No	Brace	✓	✓						
	SP-2B	Comp			1730			✓	✓						
	SP-2C				1730			✓	✓						
	SP-2D				1730			✓	✓						
D13440	SP-2A(B)	Composite			1730		4				Hold				
	SP1AB	Composite										✓			
	SP2AB														
	SP2ABC												✓		
Taken By: <u>Staff M. Zy</u> Received By: <u>Michael Gietz #914</u>				Date: <u>8/26/97</u>				Time: <u>11:05</u>							
Taken By: <u>Michael Gietz</u>				Date: <u>8/26/97</u>				Time: <u>12:10</u>							

# RUSH

9-08-1997 3:07PM FROM RRM 408 475 8249 P.3  
 9-08-1997 9:59AM FROM ENTECH ANALYTICAL 408 7351554  
 9-04-1997 4:15PM FROM RRM 408 475 8249 P.2  
 9-03-1997 3:04PM FROM ENTECH ANALYTICAL 408 7351554 P.5

**APPENDIX C**  
**COMPACTION TESTS RESULTS AND DOCUMENTATION**

---





File No. 94122  
September 2, 1997

RRM, Inc.  
3912 Portola Drive  
Suite 8  
Santa Cruz, CA 95062

Attn: Dave Reinsma

Subject: **Tank Removal Hole**

30th and Broadway  
Oakland, CA

**RESULTS OF COMPACTION TESTING**

Dear Mr. Reinsma:

An engineering technician from our firm has performed the requested compaction testing at the subject site. These tests were taken with a nuclear soil moisture/density gauge following the ASTM D2922 test procedure.

The results of both the laboratory maximum densities and the field relative compaction tests are shown on the attached tables 1 and 2.

These tests meet the 90% compaction requirement.

Sincerely,

CONSTRUCTION MATERIALS TESTING, INC.

  
Donald G. Rose

mlf

Nomenclature  
 SG-Subgrade  
 FG-Finished Grade  
 AB-Aggregate Base  
 F-Denotes Failing Test  
 2F5-Second No. Denotes Retest No.

File No. 94122  
 September 2, 1997

Table I

Summary of Laboratory Compaction Tests Results

Sample No.	Source & Description	Max Dry Density p.c.f.	Optimum-Moisture % dry wt.
1	Dark Grey Sand	101.9	14.4
2	Reddish Brown 3/4 Class II Aggregate Base	145.5	5.5

Table II

SUMMARY OF FIELD DENSITY TESTS

Test No.	Date 1997	Location	Elev. Ft.	Dry Density	Moisture % dry wt.	Rel. Comp. % of Max.	Sample No.
<b>Sidewalk Apron</b>							
1	8/25	Tank Removal Hole	-5.0	102.2	6.7	100	1
2	8/25	Tank Removal Hole	-5.0	102.0	5.7	100	1
3	8/25	Tank Removal Hole	-3.5	131.1	4.4	90	2
4	8/25	Tank Removal Hole	-3.5	132.6	4.9	91	2
5	8/25	Tank Removal Hole	-2.0	132.1	4.1	91	2
6	8/25	Tank Removal Hole	-1.0	134.8	4.9	93	2
7	8/25	Tank Removal Hole	-.5	139.1	4.5	96	2

JOB NO. or P.O. NO. 94122
PAGE OF

# DAILY FIELD REPORT

(Firestone)

PROJECT NAME <b>30th/Broadway</b>	CLIENT OR OWNER <b>R.R.M.</b>	DAILY FIELD REPORT SEQUENCE NO. <b>2</b>	
GENERAL LOCATION OF WORK	OWNER OR CLIENT'S REPRESENTATIVE	DATE <b>8-25-97</b>	DAY OF WEEK <b>MON.</b>
GENERAL CONTRACTOR	GRADING CONTRACTOR <b>RRM</b>	PROJECT ENGINEER	
TYPE OF WORK <b>Testing</b>	GRADING CONTRACTOR'S SUPERINTENDENT OR FOREMAN <b>Dave Reinsma</b>	SUPERVISOR	
SOURCE AND DESCRIPTION OF FILL MATERIAL (IMPORT OR SITE) <b>TIDEWATER SAND</b>	WEATHER <b>90 →</b>	TECHNICIAN <b>K. Ludwig</b>	

DESCRIBE EQUIPMENT USED FOR HAULING, SPREADING, WATERING, CONDITIONING, AND COMPACTING

**John Deere 710c w/ Heddshaker; Gardner hose**

TEST NUMBER	TEST LOCATION	ELEV (feet)	FIELD TESTING			REFERENCE CURVE			COMMENTS
			DRY DENSITY lbs/cu. ft.	MOISTURE CONTENT %	% OF MAXIMUM DRY DENSITY	COMP CURVE NO.	MAXIMUM DRY DENSITY lbs/cu. ft.	OPTIMUM MOISTURE CONTENT %	
1		-5	102.2	6.7	100	1	101A	14.4	
2		-5	102.0	5.7	100	1	"	"	
3		-3 1/2	131.1	4.4	90	2	145.5	5.5	
4		-3 1/2	132.6	4.9	90.91	2			
5		-2	132.1	4.1	91	2			
6		-1	134.8	4.9	93	2			
7		-1/2	139.1	4.5	96	2			

NOTES (Describe work completed during the day, any problems and their solutions)

Picked up sample of native soil (sandy clay w/ organic (fid?) odor & gravel) intended to be used as tank removal excavation backfill.  
 I was also dispatched to collect a sample of backfill sand from TIDEWATER in Oakland for this job. Contractor decided to not use Native soil. Later he learned that ABT was required so RRM brought a sample to CWT from TIDEWATER'S YARD. It appears to be from Dumbarton Quarry. Observed backfilling from 6' below surface. Sand was ended at -5', remainder backfilled with ABT. I was informed by Dave Reinsma that compaction requirement in the sidewalk upon is 90%.

101.9      14.4      T water soil  
 145.5      5.5      Dumbarton ABT

Building is a pre-delivery inspection/preparation - auto detailing shop.

TIME BILLED <b>1/2 Day</b>	HRS. <b>1/2</b>	NO. OF VISITS <b>2</b>	CONTINUED <input type="checkbox"/>
RECEIVED BY	COPY GIVEN TO		



CONSTRUCTION MATERIALS TESTING, INC.

Job Name: 30 TH. & BROADWAY OAKLAND  
Sample Description: DARK GREY SAND  
Source: TIDE WATER SAND  
Client Name: RRM INC.

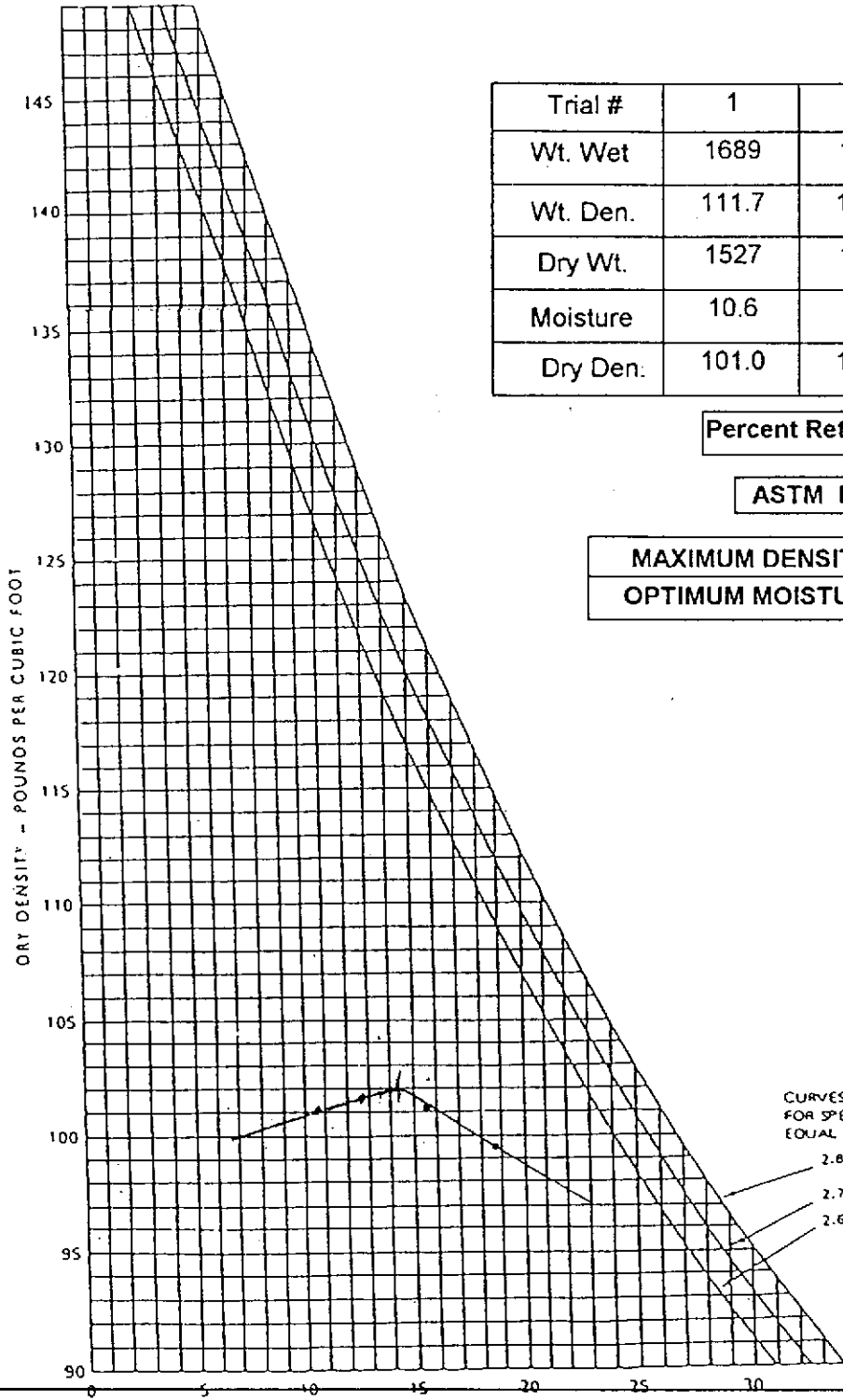
Job No: 94122  
Sample No: 1  
Date: 8-25-97  
Sampled: KL Tested: KL

Trial #	1	2	3	4	5
Wt. Wet	1689	1737	1769	1788	
Wt. Den.	111.7	114.9	117.0	118.3	
Dry Wt.	1527	1540	1529	150.5	
Moisture	10.6	12.8	15.7	18.8	
Dry Den.	101.0	101.8	101.1	99.5	

Percent Retained on 3/4"

ASTM D-1557 METHOD A

MAXIMUM DENSITY	101.9
OPTIMUM MOISTURE	14.4



CURVES OF 100% SATURATION FOR SPECIFIC GRAVITY EQUAL TO:  
2.80  
2.70  
2.60



CONSTRUCTION MATERIALS TESTING, INC.

Job Name: FIRESTONE 30TH & BROADWAY - OAKLAND

Job No: 94122

Sample Description: REDDISH BROWN 3/4 CLASS II AB

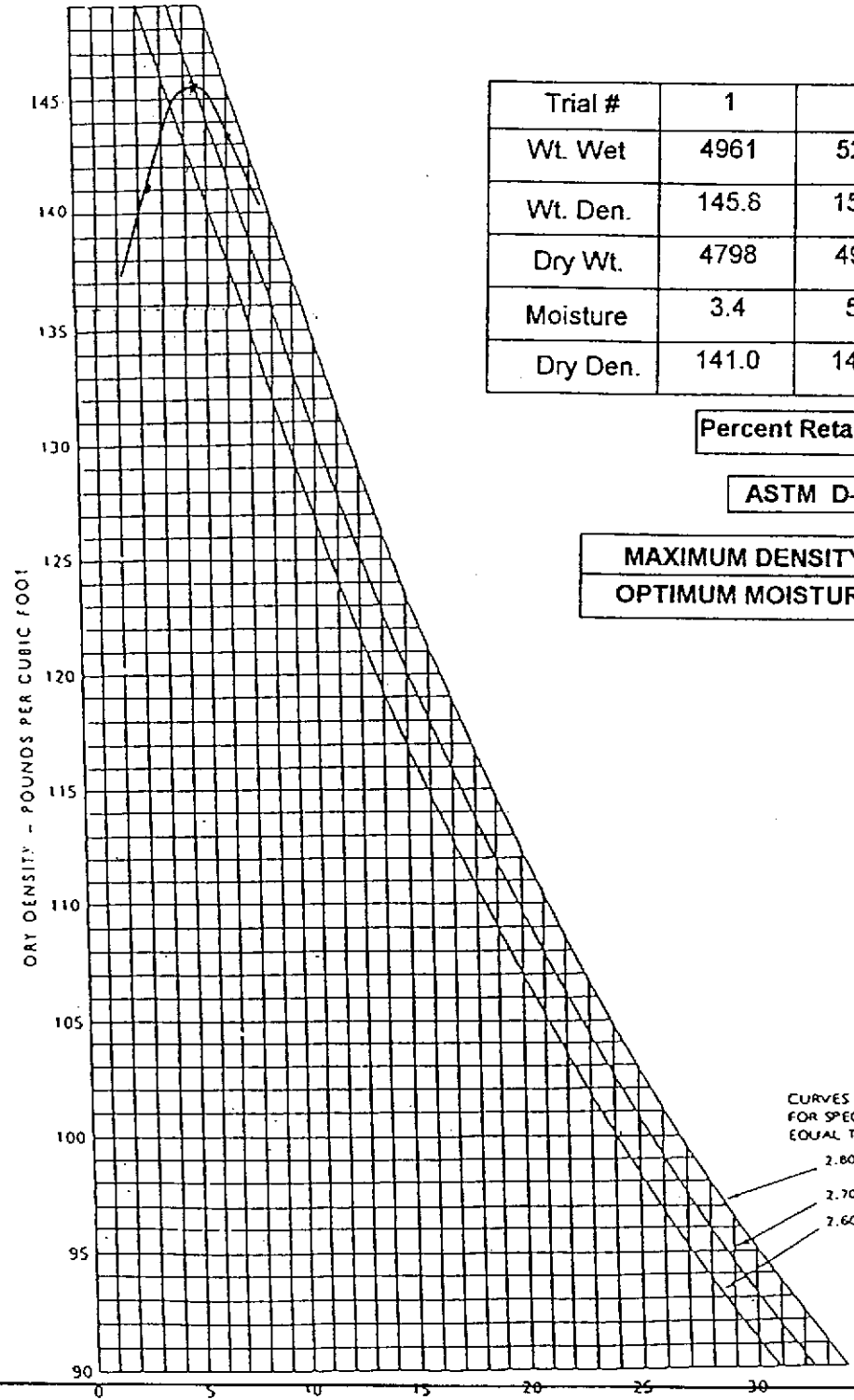
Sample No: 2

Source: IMPORT

Date: 8-25-97

Client Name: R R M INC.

Sampled: CLIENT Tested: KL



Trial #	1	2	3	4	5
Wt. Wet	4961	5222	5191		
Wt. Den.	145.8	153.5	152.6		
Dry Wt.	4798	4950	4847		
Moisture	3.4	5.5	7.1		
Dry Den.	141.0	145.5	142.4		

Percent Retained on 3/4"

ASTM D-1557 METHOD C

MAXIMUM DENSITY	145.5
OPTIMUM MOISTURE	5.5

CURVES OF 100% SATURATION  
FOR SPECIFIC GRAVITY  
EQUAL TO:

- 2.80
- 2.70
- 2.60

**APPENDIX D**  
**PERMITS AND DISPOSAL MANIFESTS**

---

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 ENVIRONMENTAL PROTECTION DIVISION  
 1131 HARBOR BAY PARKWAY, RM 250  
 ALAMEDA, CA 94502-6577  
 PHONE # 510/567-6700  
 FAX # 510/337-9335

EVA DOES NOT WORK ON THURSDAYS

Project Specialist

*W. S. [Signature]* 8/1/97  
 Note changes/additions in Red.

**ACCEPTED**

Underground Storage Tank Closure Permit Application  
 Alameda County Division of Hazardous Materials  
 1131 Harbor Bay Parkway, Suite 250  
 Alameda, CA 94502-6577

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

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

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

\*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.\*

Contact Specialist

UNDERGROUND TANK CLOSURE PLAN

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

1. Name of Business Former Firestone Fire Property  
 Business Owner or Contact Person (PRINT) Ms. Corinne Varguez  
 2. Site Address 2904 Broadway @ 30th Street  
~~265 30th Street~~  
 city Oakland zip 94612 Phone (510) 254-3070  
 3. Mailing Address 360 Village Square  
 city Orinda CA zip 94563 Phone (510) 254-3070  
 4. Property Owner Hagstrom Realty Company Inc.  
 Business Name (if applicable) \_\_\_\_\_  
 Address 360 Village Square  
 city, state Orinda California zip 94563  
 5. Generator name under which tank will be manifested  
Hagstrom Realty Company Inc.  
 EPA ID# under which tank will be manifested CAC00114972C

6. Contractor RRM Inc.  
Address 3912 Portola Dr Suite 8  
City Santa Cruz CA 95062 Phone (408) 475-8141  
License Type General Engineering ID# 693807

\*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractor License Board.

7. Consultant (if applicable) RRM Inc.  
Address 3912 Portola Dr Suite 8  
City, State Santa Cruz CA Phone (408) 475-8141

8. Main Contact Person for Investigation (if applicable)  
Name Matt Kaempf Title Project Geologist  
Company RRM, Inc.  
Phone (408) 475-8141

9. Number of underground tanks being closed with this plan 1  
Length of piping being removed under this plan —  
Total number of underground tanks at this facility (\*\*confirmed with owner or operator) 1

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

\*\* Underground storage tanks must be handled as hazardous waste \*\*

a) Product/Residual Sludge/Rinsate Transporter

Name North Valley Oil EPA I.D. No. CAL00002775  
Hauler License No. 3027 License Exp. Date August 31, 1999  
Address 1110 Taylor St  
City Alviso State CA Zip 95002

b) Product/Residual Sludge/Rinsate Disposal Site

Name Alviso Independent Oil EPA ID# CAL000048571  
Address 5002 Archer St  
City Alviso State CA Zip 95002



c) Tank and Piping Transporter

Name Dexanna EPA I.D. No. CAD98243856  
Hauler License No. 28P3 License Exp. Date \_\_\_\_\_  
Address 3104 Athene Court  
City Concord State CA Zip 94519

d) Tank and Piping Disposal Site

CAD009466392

Name Erickson EPA I.D. No. ~~941333276~~  
Address 255 Parr Blvd  
City Richmond State CA Zip 94801

11. Sample Collector

Name Matt Kaempf  
Company RRM Inc  
Address 3912 Portola Dr Suite 8  
City Santa Cruz State CA Zip 95062 Phone 475-8141

12. Laboratory

Name Entech Analytical Lab, Inc.  
Address 525 Del Rey Ave. Suite E  
City Sunnyvale State CA Zip 94086  
State Certification No. CA EIAP # 1369

13. Have tanks or pipes leaked in the past? Yes [ ] No [ \* ] Unknown

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank(s) inert:

Extract all liquids and insert 250 pounds  
 of dry ice into the UST to abate  
 flammable vapors

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

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information \*\*\* (see instructions) \*\*\*

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
See Appendix A and  8,000 gal.	Heating Oil	Field and Laboratory  Soil, and Groundwater, if encountered	Procedure  ~ 2' into natural soil below each end of tank.

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

Excavated/Stockpiled Soil

Stockpiled Soil Volume (estimated)

Sampling Plan:  
 Sample 1/20 cy for re-use site  
 1/50 cy for disposal

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

Will the excavated soil be returned to the excavation immediately after tank removal?  yes  no  unknown

If yes, explain reasoning soil is not expected to be contaminated pending permission by Alameda County

If unknown at this point in time, please be aware that excavated soil not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.

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

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

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
See Appendix A and Field and Laboratory Procedures			
TPH d	8015 method		
BTEX	8020 method		

18. Submit Worker's Compensation Certificate copy

Name of Insurer Johnrey Insurance Agency Inc.

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 written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

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

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division 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.

CONTRACTOR INFORMATION

Name of Business RRM, Inc.

Name of Individual Dave Reinma

Signature [Signature]

Date 7/9/97

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Hagstrom Realty Company Inc.

Name of Individual Corinne Vazquez

Signature [Signature]

Date 7/9/97

City Of Oakland

FIRE PREVENTION BUREAU  
421 - 14th Street, Oakland California  
94612  
510-238-3851



FILE

Permit To Excavate And Install,  
Repair,

Or Remove Inflammable Liquid Tanks

Oakland, California August 8, 1997

Tank Permit Number: 68-97

Permission Is Hereby Granted To:

Remove diesel

Tank And Excavate Commencing: 4 Feet Inside: curb

Line.

On The: south side of Broadway , 80 feet west of 30th St.

Site Address: 265 30th St.

Present Storage:

Owner: Hagstrom Realty Co., Inc.

Address: 360 Village Sq., Orinda 94563

Phone: 254-3076

Applicant: Remediation Risk Management, Inc.

Address: P.O. Box 1362 Aptos, 95001

Phone: (408) 475-8141

Dimensions Of Street (sidewalk) Surface To Be Disturbed : 40 X 20 No. Of Tanks 1 Capacity 8000 Gallons, Each

Remarks

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

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Tank Removal: Inspected And Passed On:

Approved: \_\_\_\_\_

By: \_\_\_\_\_

Tank Installations:

Inspection Fee Paid: \$ \_\_\_\_\_

Pressure Test: Inspected By: \_\_\_\_\_ Date: \_\_\_\_\_

Received By: \_\_\_\_\_

Primary Piping Test: Inspected By: \_\_\_\_\_ Date: \_\_\_\_\_

Secondary Containment & Some Testing:

Inspected By: \_\_\_\_\_ Date: \_\_\_\_\_

Final: Inspected By: \_\_\_\_\_ Date: \_\_\_\_\_

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

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



# EXCAVATION PERMIT

## TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL  
ENGINEERING

PAGE 2 of 2

PERMIT NUMBER <b>X 9700773</b>		SITE ADDRESS/LOCATION <b>3000 BROADWAY</b>
APPROX. START DATE	APPROX. END DATE	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number)
CONTRACTOR'S LICENSE # AND CLASS		CITY BUSINESS TAX #

**ATTENTION:**

- State law requires that the contractor/owner call *Underground Service Alert (USA)* two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1 (800) 642-2444. UNDERGROUND SERVICE ALERT (USA) #: \_\_\_\_\_
- 48 hours prior to starting work, YOU MUST CALL (510) 238-3651 TO SCHEDULE AN INSPECTION.**

**OWNER/BUILDER**

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500):

I, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

I, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

I am exempt under Sec. \_\_\_\_\_, B&PC for this reason \_\_\_\_\_

**WORKER'S COMPENSATION**

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # \_\_\_\_\_ Company Name \_\_\_\_\_

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars (\$100) or less).

**NOTICE TO APPLICANT:** If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Chapter 6, Article 2 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

*[Signature]* \_\_\_\_\_ Date **6/26/97**

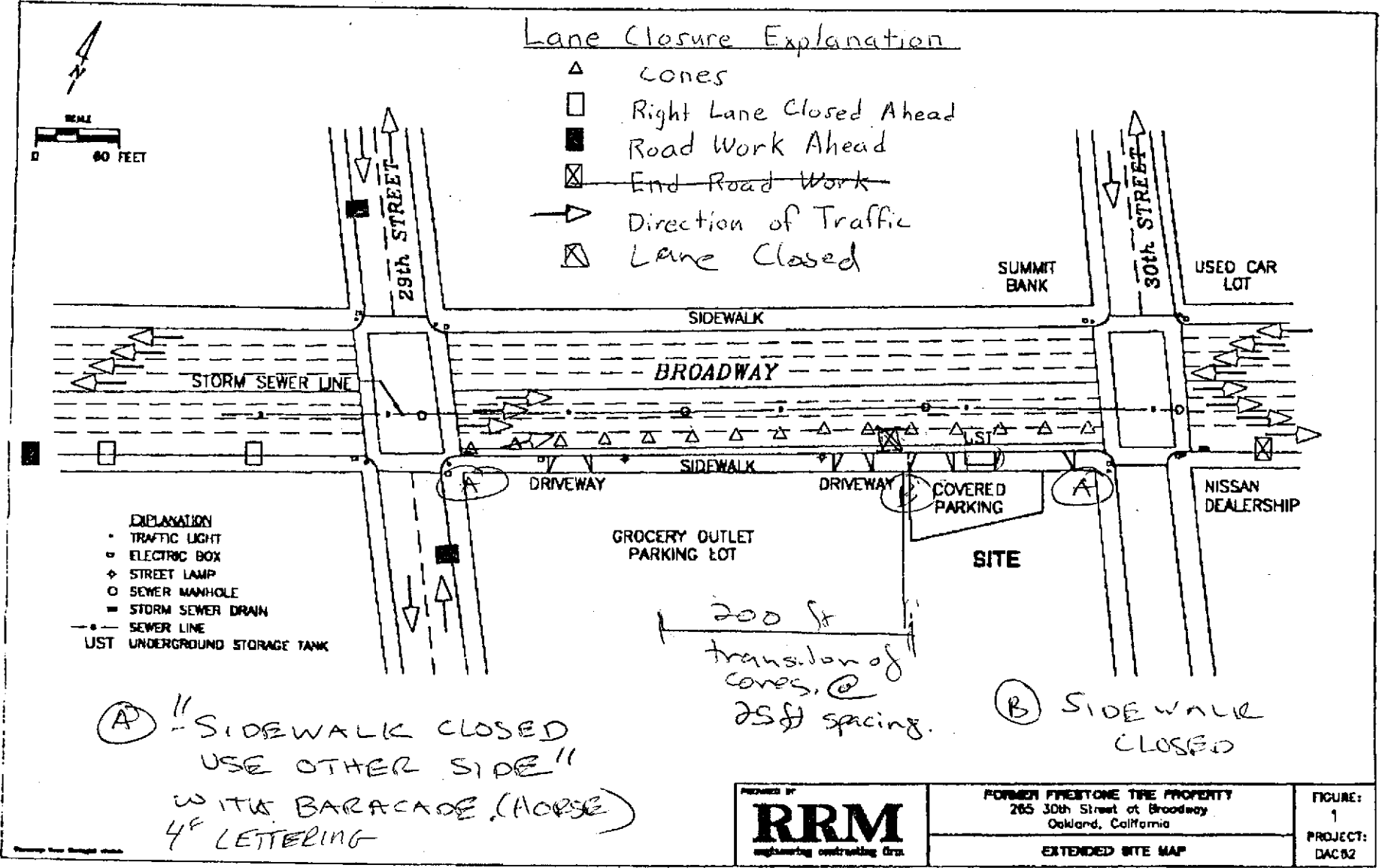
Signature of Permittee  Agent for  Contractor  Owner

DATE STREET LAST RESURFACED <b>1979</b>	SPECIAL PAVING DETAIL REQUIRED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ISSUED BY <i>[Signature]</i>		DATE ISSUED <b>6/26/97</b>	

693807

BROADWAY HAS RESTRICTED HOURS  
 7A-9AM  
 4P-6PM

Approved [Signature] 8/25/97  
**TRAFFIC ENGINEERING**



PREPARED BY <b>RRM</b> <small>engineering contracting firm</small>	FORMER FIRESTONE TIRE PROPERTY 285 30th Street at Broadway Oakland, California	FIGURE: 1
	EXTENDED SITE MAP	PROJECT: DAC92

PERMIT  
OBSTRUCTION

Job Site 3000 BROADWAY

Parcel# 009 -0704-012-00

Appl# OB970445

close off 200 ft travel lane on roadway between 29th & 30th Permit Issued 08/25/97  
st . in line with uderground tank removal. approved by traf  
fic engineering.

Nbr of days: 3  
Effective: 08/25/97

Linear feet: 200  
Expiration: 08/27/97

3000 BROADWAY

SHORT TERM NON-METERED

Applicant Phone# Lic# --License Classes--

Owner CHAMBERLAIN OWEN TR ETAL

Contractor REMEDIATION RISK MANAGEMENT IN X

(408)475-8141 693807 A B

Arch/Engr

Agent

Applic Addr PO BOX 1362, APTOS, CA, 95001

\$180.00 TOTAL FEES PAID AT ISSUANCE  
\$.00 Applic \$180.00 Permit  
\$.00 Process \$.00 Rec Mgmt  
\$.00 Gen Plan \$.00 Invstg  
\$.00 Other

CITY OF OAKLAND

Applicant:

*[Signature]*

8/25/97

Issued by:

*[Signature]*

8/25/97



CITY OF OAKLAND  
Office of Planning and Building  
1330 Broadway, 2nd Fl, Oakland CA, 94512  
Phone: (510)238-4774 FAX: (510)238-2263

*(sidewalk)*  
PAYMENT RECEIPT

=====  
Application#: 08970446 Payment#: 001  
OBSTRUCTION PERMIT \$45.00

=====  
Sales Tax: \$.00  
\*\*\*\*\* TOTAL PAID: \$45.00

=====  
Check Payment: \$45.00

=====  
Payor: REMEDIATION RISK MANAGEM  
Date: 08/25/97 Time: 10:31:10  
By: JT Register R02 Receipt# 017588  
\*\*\*\*\*  
ORIGINAL RECEIPT REQUIRED FOR REFUND  
\*\*\*\*\*

CITY OF OAKLAND  
Office of Planning and Building  
1330 Broadway, 2nd Fl, Oakland CA, 94512  
Phone: (510)238-4774 FAX: (510)238-2263

PAYMENT RECEIPT

=====  
Application#: 08970445 Payment#: 001  
OBSTRUCTION PERMIT \$180.00

=====  
Application#: X9700773 Payment#: 001  
APPLICATION FEE \$40.00  
EXCAVATION PERMIT \$205.00

Subtotal: \$245.00

=====  
Sales Tax: \$.00  
\*\*\*\*\* TOTAL PAID: \$425.00

=====  
Check Payment: \$425.00

=====  
Payor: REMEDIATION RISK #1145  
Date: 08/25/97 Time: 10:21:30  
By: MAC Register R01 Receipt# 017141  
\*\*\*\*\*  
ORIGINAL RECEIPT REQUIRED FOR REFUND  
\*\*\*\*\*

PERMIT  
EXCAVATION

Job Site 3000 BROADWAY

Parcel# 009 -0704-012-00

App# X9700773

Descr underground tank removal

Permit Issued 06/26/97

Work Type EXCAVATION-PRIVATE P

USA #

Util Co (Uo) #  
Util Fund #:

Acctg#:

Applicant

Phone#

Lic#

License Classes--

Owner CHAMBERLAIN OWEN TR ETAL

Contractor REMEDIATION RISK MANAGEMENT IN X

(408)475-8141 693807 A B

Arch/Engr

Agent

Applic Addr PO BOX 1362, APTOS, CA, 95001

\$245.00 TOTAL FEES PAID AT ISSUANCE

\$40.00 Applic

\$205.00 Permit

\$.00 Process

\$.00 Rec Mgmt

\$.00 Gen Plan

\$.00 Invstg

\$.00 Other

# CITY OF OAKLAND

Date: 08/25/97 Amt Paid: \$425.00  
By: MAC Register #01 Receipt# 817141

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. **CA0001149720** Manifest Document No. **00000** 2. Page 1 of 1  
 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**HAGSTROM REALTY**  
**310 VILLAGE SR.**  
**ORINDA, CA 94563**  
 4. Generator's Phone ( )

A. State Manifest Document Number  
**96727618**

B. State Generator's ID  
**CA0001149720**

5. Transporter 1 Company Name  
**ARTESIAN OIL RECOVERY CO.**  
 6. US EPA ID Number  
**CAL000161741**

C. State Transporter's ID  
**0513**

D. Transporter's Phone  
**510 839 4234**

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

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address  
**ARTESIAN OIL RECOVERY CO.**  
**2306 MAGNOLIA ST.**  
**OAKLAND, CA 94607**  
 10. US EPA ID Number  
**CAL000161741**

G. State Facility's ID  
**CAL000161741**

H. Facility's Phone  
**510 839-4234**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  
 a. **WASTE OIL/MIXED OIL & WATER**  
**NON RCRA HAZARDOUS WASTE,**  
**LIQUID, PG 3**

12. Containers	13. Total Quantity	14. Unit W/Vol	15. Waste Number
<b>001</b>	<b>T</b>	<b>575 G</b>	State <b>221</b> EPA/Other
			State EPA/Other
			State EPA/Other
			State EPA/Other

1. Additional Descriptions for Materials Listed Above  
**WASTE OIL - FUEL OIL**  
**WATER**

K. Handling Codes for Wastes Listed Above  
 a. **01/14**  
 b.  
 c.  
 d.

15. Special Handling Instructions and Additional Information  
**FROM: TANK @ 2984 BROADWAY - OAKLAND**  
**EMERG #**  
**510 839-4234 OR CAL OES 800 852-7550**

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 **DAVID WEINSTEIN** Signature **[Signature]** Month **09** Day **20** Year **97**

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name **DAVID McCLOY (FOR [Signature])** Signature **[Signature]** (FOR ACK) Month **08** Day **20** Year **97**

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.

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



96412601

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

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CAC00VVH972001154</b>		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law. <b>FILE</b>					
3. Generator's Name and Mailing Address <b>Hagstrom Realty Company, Inc. 360 Village Square - Orinda, California</b>				A. State Manifest Document Number <b>96412604</b>									
4. Generator's Phone <b>510 254-3076</b>				B. State Generator's ID <b>94563</b>									
5. Transporter 1 Company Name <b>DEXANNA</b>		6. US EPA ID Number <b>C A I D 2 1 6 2 4 3 8 5 6 6</b>		C. State Transporter's ID									
7. Transporter 2 Company Name				D. Transporter's Phone <b>510-687-1292</b>									
9. Designated Facility Name and Site Address <b>ERICKSON, INC. 255 PARR BLVD. RICHMOND, CA 94801</b>				10. US EPA ID Number <b>C A I D 0 0 9 4 6 6 3 9 2</b>		E. State Transporter's ID							
				F. Transporter's Phone									
				G. State Facility's ID									
				H. Facility's Phone <b>510-235-1303</b>									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number	
a. NON-RCRA HAZARDOUS WASTE SOURCE WASTE EMPTY STORAGE TANK						001 T P		01500 <del>01000</del>		R		State 512	
b. <i>human</i>												EPA/Other NONE	
c. <i>Waste</i>												State	
d. <i>Waste</i>												EPA/Other	
1. Additional Descriptions for Materials Listed Above <b>EMPTY STORAGE TANK(S) 20820 TANK(S) HAVE BEEN INERTED WITH 15 LBS. DRY ICE PER 1000 GALLON CAPACITY.</b>						K. Handling Codes for Wastes Listed Above							
						a.		b.		c.		d.	
15. Special Handling Instructions and Additional Information <b>KEEP AWAY FROM SOURCES OF IGNITION. ALWAYS WEAR HARDHATS WHEN WORKING AROUND UGST'S</b> <i>Site Location: 2984 Broadway OE job# Oakland, California</i>						EMERGENCY RESPONSE CONTACT <b>CORINNE VASQUEZ</b> EMERGENCY RESPONSE PHONE <b>(510) 254-3076</b>							
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 <b>DAVE KENNER</b>				Signature <i>[Signature]</i>				Month <b>08</b>		Day <b>25</b>		Year <b>1997</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>James P. Cox</b>				Signature <i>[Signature]</i>				Month <b>08</b>		Day <b>25</b>		Year <b>1997</b>	
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.

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

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CAC00114972079515		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 HASTON READY CO 2704 BROADWAY, 371 VILLAGE CARROLL CA 95623						A. State Manifest Document Number 96179818							
4. Generator's Phone (516) 254-3076						B. State Generator's ID							
5. Transporter 1 Company Name PERMITS TRANSPORT			6. US EPA ID Number CA0982513132			C. State Transporter's ID							
7. Transporter 2 Company Name						D. Transporter's Phone							
7. Transporter 2 Company Name						E. State Transporter's ID							
7. Transporter 2 Company Name						F. Transporter's Phone							
9. Designated Facility Name and Site Address LAWSON ENVIRONMENTAL SERVICES 2500 CORKEN RD BUTTEVILLE, CA 93201						10. US EPA ID Number CA0980070271							
9. Designated Facility Name and Site Address						G. State Facility's ID							
9. Designated Facility Name and Site Address						H. Facility's Phone							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. Hazardous Waste, Solid, 9.0.3. RX (Lead), 9, NA3020, II (2008)						12. Containers		13. Total Quantity	14. Unit Wt/Vol	I. Waste Number			
						No.	Type				001	DT00015	Y
b.										State 611			
c.										EPA/Other 25008			
d.										State			
d.										EPA/Other			
J. Additional Descriptions for Materials Listed Above 25008						K. Handling Codes for Wastes Listed Above							
						a.		b.					
						c.		d.					
15. Special Handling Instructions and Additional Information 24 HR EMERGENCY RESPONSE # 707-538-1407													
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 Patrick Turner				Signature <i>Patrick Turner</i>				Month 09		Day 12		Year 97	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name Richard N. Adams				Signature <i>Richard Adams</i>				Month 09		Day 12		Year 97	
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Month		Day		Year	
19. Discrepancy Indication Space <i>01/16/97</i>													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name M.W.				Signature <i>M.W.</i>				Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

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

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CAL0001149720</b>		Manifest Document No. <b>000000</b>		2. Page 1 <b>1 of 1</b>		Information in the shaded areas is not required by Federal law.	
		3. Generator's Name and Mailing Address <b>HAGSTROM REALTY 310 VILLAGE SQ. ORINDA, CA 94563</b>		6. US EPA ID Number <b>CAL000161741</b>		C. State Transporter's ID <b>0513</b>		A. State Manifest Document Number <b>96727618</b>	
5. Transporter 1 Company Name <b>ARTESIAN OIL RECOVERY CO.</b>		7. Transporter 2 Company Name		10. US EPA ID Number <b>CAL000161741</b>		D. Transporter's Phone <b>510 839 4234</b>		B. State Generator's ID <b>CAL0001149720</b>	
9. Designated Facility Name and Site Address <b>ARTESIAN OIL RECOVERY CO. 2300 MAGNOLIA ST. OAKLAND, CA 94607</b>		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) <b>WASTE OIL/MIXED OIL &amp; WATER, NON PCRA HAZARDOUS WASTE, LIQUID, PG 3</b>		12. Containers No. Type <b>001 TIT00575 G</b>		13. Total Quantity		14. Unit Wt/Vol	
15. Special Handling Instructions and Additional Information <b>FROM: TANK @ 2984 BROADWAY - OAKLAND EMERGENCY # 510 834-4234 OR CAL OPS 800 852-7550</b>		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.		K. Handling Codes for Wastes Listed Above a. <b>01/14</b>		F. Waste Number State <b>221</b> EPA/Other		E. State Facility's ID <b>CAL000161741</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>DAVID McCLOY (FOR AOR)</b>		Signature <i>[Signature]</i>		Month Day Year <b>08 20 97</b>		18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		H. Facility's Phone <b>510 839-4234</b>	
19. Discrepancy Indication Space		Signature <i>[Signature]</i>		Month Day Year <b>08 20 97</b>		19. Discrepancy Indication Space		G. State Facility's ID <b>CAL000161741</b>	
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name <b>DAVID McCLOY (FOR AOR)</b>		Signature <i>[Signature]</i>		Month Day Year <b>08 20 97</b>		19. Discrepancy Indication Space		H. Facility's Phone <b>510 839-4234</b>	

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.  
 (Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)





# NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

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

## No. 137566

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

a. Generator Name: HYGSTROM REALTY b. Generating Location: Summer Firestone Tire  
 c. Address: 360 VILLAGE SQUARE d. Address: 2164 Broadway  
San Diego, CA 92163 Oakland, CA  
 e. Phone No.: (619) 274-2070 f. Phone No.: N/A

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

g. Owner's Name: \_\_\_\_\_ h. Owner's Phone No.: \_\_\_\_\_

i. BFI WASTE CODE 

CA	405	091197	00878
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 Containers

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

j. Description of Waste: \_\_\_\_\_ k. Quantity 

00018
-------

 Units 

Y
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 No. 

01
----

 TYPE 

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

RR M. INC. [Signature]

091297
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 Generator Authorized Agent Name Signature Shipment Date

**UNITS**  
 P - POUNDS  
 Y - YARDS  
 M - CUBIC METERS  
 Y - CUBIC YARDS  
 O - OTHER

### Section II TRANSPORTER (Generator complete a-d; Transporter I complete a-d; Transporter II complete i-h.)

TRANSPORTER I	TRANSPORTER II						
a. Name: <u>DENIBESTE</u>	h. Name: _____						
b. Address: <u>130 SHILOH RD #144</u> <u>LINDSEY, CA 95492</u>	i. Address: _____						
c. Driver Name/Title: <u>Nanna</u>	j. Driver Name/Title: _____						
d. Phone No.: <u>(901) 81-1104</u> e. Truck No.: <u>975</u>	k. Phone No.: _____ l. Truck No.: _____						
f. Vehicle License No./State: <u>9C15560</u>	m. Vehicle License No./State: _____						
g. <u>[Signature]</u> <table border="1" style="display: inline-table;"><tr><td>091297</td></tr></table> Driver Signature Shipment Date	091297	n. _____ <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> Other Signature Shipment Date					
091297							

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

a. Site Name: VASCO ROAD LANDFILL c. Phone No.: (510) 447-0491  
 b. Physical Address: 4001 VASCO ROAD d. Mailing Address: - SAME -  
LIVERMORE, CA

e. Discrepancy Indication Space: \_\_\_\_\_  
 I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. \_\_\_\_\_ 

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 Name of Authorized Agent Signature Receipt Date

### Section IV ASBESTOS (Generator completes a-d, f, g; Operator\* completes e.)

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

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's\* Name & Title: \_\_\_\_\_ Operator's Signature \_\_\_\_\_ Date \_\_\_\_\_  
 f. Name and Address of Responsible Agency: \_\_\_\_\_  
 g.  Friable;  Non-friable;  Both \_\_\_\_\_ % friable \_\_\_\_\_ % nonfriable

\* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.



# NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

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

## No. 137568

### Section I GENERATOR (Generator completes All of Section I)

a. Generator Name: HANSTROM REALTY b. Generating Location: Former Firestone Tires  
 c. Address: 260 VILLAGE SQUARE d. Address: 29164 Broadway  
LINDA CA 94563 Oakland CA  
 e. Phone No.: (510) 254-3510 f. Phone No.: N/A

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

g. Owner's Name: \_\_\_\_\_ h. Owner's Phone No.: \_\_\_\_\_

i. BFI WASTE CODE: 

CA	405	091197	00878
----	-----	--------	-------

 Containers

j. Description of Waste: \_\_\_\_\_ k. Quantity: 

13
----

 Units: 

Y
---

 No.: 

01
----

 TYPE: 

T
---

TYPE	
DM	- METAL DRUM
DP	- PLASTIC DRUM
B	- BAG
BA	- 5 MIL. PLASTIC BAG or WRAP
T	- TRUCK
O	- OTHER

UNITS	
P	- POUNDS
Y	- YARDS
M	- CUBIC METERS
Y	- CUBIC YARDS
O	- OTHER

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

IRM INC. [Signature] 091297  
 Generator Authorized Agent Name Signature Shipment Date

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

TRANSPORTER I		TRANSPORTER II	
a. Name: <u>RENBESTE</u>	h. Name: _____	b. Address: <u>920 WILCOX RD #44</u>	i. Address: _____
<u>WINDSOR, CA 94724</u>			
c. Driver Name/Title: _____	j. Driver Name/Title: _____		
d. Phone No.: <u>(707) 538-1407</u>	k. Phone No.: _____	e. Truck No.: <u>1100</u>	l. Truck No.: _____
f. Vehicle License No./State: <u>9C31149</u>	m. Vehicle License No./State: _____		
Acknowledgement of Receipt of Materials: <u>[Signature]</u>		Acknowledgement of Receipt of Materials: _____	
g. Driver Signature: <u>[Signature]</u>	n. Driver Signature: _____		
Shipment Date: <u>091297</u>	Shipment Date: _____		

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

a. Site Name: VISCO ROAD LANDFILL c. Phone No.: (510) 447-0491  
 b. Physical Address: 4001 WILCOX ROAD d. Mailing Address: - SAME -  
LIVERMORE, CA

e. Discrepancy Indication Space: \_\_\_\_\_  
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent: \_\_\_\_\_ Signature: \_\_\_\_\_ Receipt Date: \_\_\_\_\_

### Section IV ASBESTOS (Generator completes a-d, f, g; Operator\* completes e.)

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

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

e. Operator's\* Name & Title: \_\_\_\_\_ Operator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 f. Name and Address of Responsible Agency: \_\_\_\_\_  
 g.  Friable;  Non-friable;  Both \_\_\_\_\_ % friable \_\_\_\_\_ % nonfriable

\* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.