ERCE

ERC Environmental and
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July 22, 1991

Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621

Subject: UST Closure Report for Duffy Diner,
1700 Webster Street Alameda, California

Gentlemen:

Attached are two copies of the underground storage tank (UST) closure report for the Duffy Diner ("Site") in Alameda, California. On April 18, 1991, ERCE removed one 550-gallon waste oil UST from the Site. The UST was removed from the Site with the approval of the Alameda County Department of Health, the City of Alameda Fire Department, and the City of Alameda Plumbing Department. Soil samples from the bottom of the UST excavation were collected and analyzed for oil and grease, volatile organic compounds (VOCs), and select metals. Lab results indicated elevated levels of oil and grease in soils immediately beneath the UST.

The Site owner, Ogden Services Corporation, chose to remove and properly dispose of soils exhibiting detectable hydrocarbons. On July 9, ERCE excavated approximately 20 cubic yards of soil from the UST excavation. The soil was transported as non-hazardous material to the Gibson Class 1M2 landfill facility in Bakersfield, California. Five verification soil samples were collected upon completion of soil excavation activities: one from each of the four excavation side walls, and one from the bottom of the excavation. All five samples were analyzed for total petroleum hydrocarbons (EPA Method 418.1). None of these samples yielded detectable hydrocarbons. Thus, site cleanup activities meet the requirements of Alameda County and the San Francisco Bay Regional Water Quality Control Board. Details of closure activities are provided in the report.

Formerly, Ms. Katherine Chesick was the contact at Alameda County for this project. She requested that a copy of the Phase I Property Audit for the Site be included in this UST Closure Report. This report is included as Appendix A. Please contact me if you have any questions or comments regarding to this report.

Sincerely,

Tim Cook

Tim Cook, CEG
Project Manager

cc: Mr. Victor Weisberg, Ogden Services Corporation

Underground Storage Tank Closure Report
Duffy Diner Project Site

2/19/99 ① W.O. UST removal - No GW in excavation
Initial SS at 6' bgs w/ 18,700 ppm TPH, 640 TPH (in C_6-C_{24} range), 0.025 ppm TCE, LNW/ND BTEX, ND for SVOCs

② Pit was overexc (removing ~20 cy) add'l 2' deep.
Soil samples (S-2 through S-6) were only analyzed for TPH Method 418.1 (TPH). None was detected.

③ No water samples collected.

Prepared for:
Ogden Services Corporation

July 18, 1991

ERC
Environmental and Energy Services Co.

Underground Storage Tank Closure Report
Duffy Diner Project Site

Prepared for:

Ogden Services Corporation
Two Pennsylvania Plaza
New York, New York 10121

Prepared by:

ERC Environmental and Energy Services Co. (ERCE)
221 Main Street, Suite 1400
San Francisco, California 94105

July 18, 1991

PROFESSIONAL CERTIFICATION

UNDERGROUND STORAGE TANK CLOSURE

DUFFY DINER

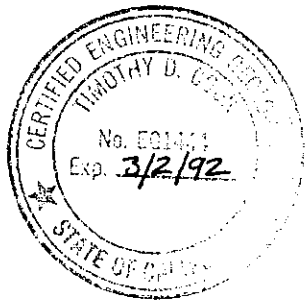
1700 WEBSTER STREET

ALAMEDA, CALIFORNIA

JULY 18, 1991

This report has been prepared by the staff of ERC Environmental and Energy Services, under the professional supervision of the California Certified Engineering Geologist whose seal and signature appears hereon.

The findings, conclusions, recommendations, specifications, or professional opinions are presented within the limits prescribed by the client, after being prepared in accordance with generally accepted professional engineering and geologic practice. There is no other warranty, either expressed or implied.



Timothy D. Cook, C.E.G.
Certified Engineering Geologist

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SECTION 1
INTRODUCTION

This Underground Storage Tank Closure Report, prepared for Ogden Services Corporation (Ogden) by ERC Environmental and Energy Services Co. (ERCE), presents the results of the geophysical survey, excavation, removal, and disposal of one 550-gallon underground waste oil storage tank (UST) and disposal of 20 cubic yards of contaminated soil. The UST was situated on the Duffy Diner property (the site), located at 1700 Webster Street in Alameda, California. Field activities were conducted on January 2, and April 18, June 27, July 9 and 15 of 1991 under the supervision of an ERCE hydrogeologist. The terms and conditions governing this work are included in the agreement between Ogden and ERCE dated October 3, 1990. The geophysical investigation was conducted by ERCE at the request of Ogden under the authority granted by Contract Addendum No. 1 dated December 12, 1990. The tank closure was conducted under the authority granted by Contract Addendum No. 2 dated February 8, 1990. The contaminated soil removal and disposal was conducted under authority granted by Contract Addendum No. 3, dated May 20, 1991.

1.1 SITE BACKGROUND

Two previous site investigations were conducted by other consultants. The first investigation was conducted in 1989 by J. Quayle and Associates, Inc. This investigation included both historical and regulatory file research, and field work. The second investigation consisted of a geophysical survey and the installation of six borings conducted by Woodward-Clyde Consultants in 1988. Soil samples were collected from five of the borings at depths of five and ten feet below ground surface (bgs). Samples were analyzed for total petroleum hydrocarbons (TPH). TPH was not detected above detection limits. The third site investigation (Phase I Hazardous Materials Site Assessment) was conducted by ERCE in 1989. The Phase I assessment included a historical land use survey, visual reconnaissance of the site and adjacent properties, review of federal and state lists of known hazardous waste sites, and regulatory agencies file research. A copy of the Phase I investigation is included in this report as Appendix A.

1.2 OBJECTIVE

The objective of this investigation was to excavate and properly dispose of one 550-gallon waste oil tank buried under the site parking lot. Soil samples were collected and analyzed to determine whether the UST released waste oil into underlying soils. Once it was established that waste oil had contaminated underlying soils, they were excavated and properly disposed. This investigation complies with State of California and Alameda County regulations as they apply to UST closure and soil remediation procedures.

1.3 SCOPE OF WORK

The scope of work for the UST closure consisted of the following tasks:

- Obtain closure permits for UST removal with the Alameda County Department of Environmental Health (DEH); the City of Alameda Fire Prevention Bureau (Fire Department); and the City of Alameda Plumbing Department (Public Works).

- File a Notification of UST Removal Form with the Bay Area Air Quality Management District at least five days prior to removing the UST.

- Excavate, pump out the UST liquids, vapor purge, triple rinse, coordinate certification with the Fire Department, and dispose of the UST as hazardous waste.

- Collect two soil samples, one from the bottom of the excavation and one from the fill material.

- Analyze soil samples for total petroleum hydrocarbons (TPH) analysis by EPA Method 418.1; total fuel hydrocarbons (TFH) by modified EPA Method 8015; and benzene, toluene, xylenes and ethylbenzene (BTXE) by EPA Method 8020. If encountered, analyze one water sample for the same parameters listed above. Perform analyses on a standard turnaround basis.

need to abide by
Tri Regional Recommendations

- Prepare a tank closure report that contains a description of closure activities; the condition of the UST; sampling methods; remedial actions conducted at the time of UST removal; excavation size and depth, sample locations, tank and piping locations, nearby buildings; chain-of-custody forms; laboratory reports; hazardous waste manifests; and the volume and final destination of all non-manifested contaminated soil hauled offsite.

The scope of work for the soil excavation and disposal consisted of the following tasks:

- Mobilize and demobilize from site;
- Make necessary notifications and obtain permits from applicable regulatory agencies;
- Break and remove asphalt;
- Remove and stockpile clean backfill material from excavation'
- Excavate contaminated soil;
- Properly transport and dispose of contaminated soil;
- Collect and analyze soil samples to verify removal of contaminated soils;
- Backfill excavation with clean imported crushed rock; and
- Patch asphalt and return site to pre-existing conditions.

Several changes in the scope of work were requested by the DEH at the time of the UST removal. In addition to the analyses described above, the DEH requested that one soil sample be analyzed for volatile organic compounds (VOCs); semi-volatile organic compounds; and trace metals including cadmium, chromium, lead, nickel, and zinc. The DEH preferred an analysis of oil and grease by EPA method 413.2 rather than TPH by EPA method 418.1. Ogden verbally approved these substitutions and the scope changes were made. In addition, Gibson landfill facility requested the analysis of one soil sample for CAM 17 metals prior to accepting the contaminated soil. Ogden verbally approved this scope addition and the analysis was performed.

Spectrum Environmental Services, Inc. of Fremont, California performed the geophysical survey. Placer Tractor Service of Loomis, California excavated and transported the UST and contaminated soil. Analytical Technologies, Inc. (ATI) of San Diego, California performed all sample analyses.

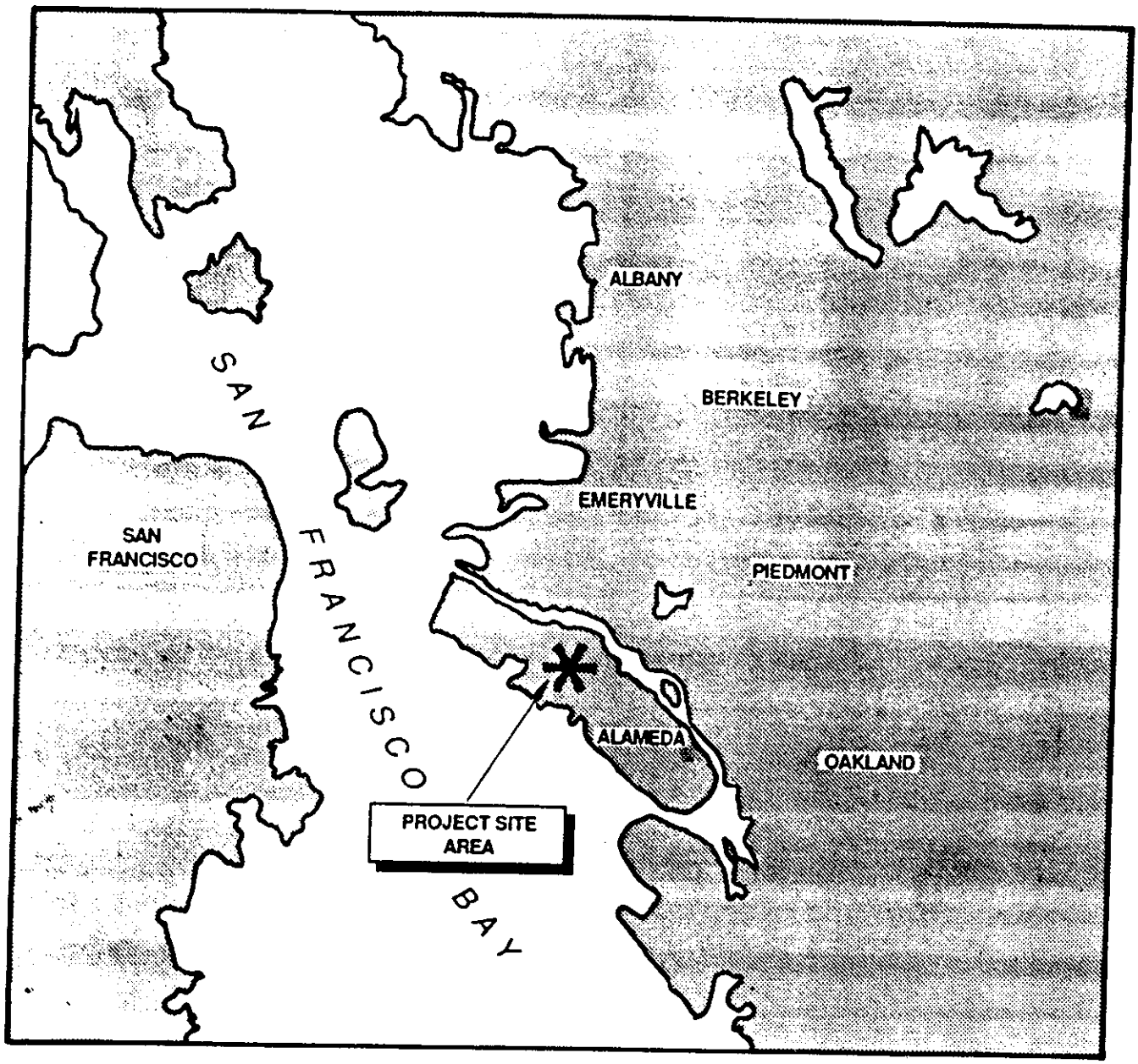
SECTION 2
SITE LOCATION AND DESCRIPTION

The project site is located within the City of Alameda, in Alameda County, California. Alameda is an island located west of the City of Oakland, separated from Oakland by the Oakland Estuary (Figure 2-1). The Webster Street Tube (an underwater tunnel) and several bridges connect the island to the mainland. The project site is located at 1700 Webster Street, which is in the central section of the island, approximately one mile south of the entrance to the Webster Street Tube and 1.5 miles east of the U.S. Naval Air Station.

As shown in Figure 2-2, the site is bound by Buena Vista Avenue to the north, Webster Street to the west, Pacific Avenue to the south, and Concordia Street to the east. The surrounding terrain is level. The site vicinity is characterized by commercial development along Webster Street, and residential development along side streets to the east and west.

Early assessor's maps indicate that when first subdivided, the project site was included in both the "Orchard tract" and the "Shepardson tract," and was composed of five parcels. The shape of these original parcels indicates that they may have been plotted for residential use. As shown in Figure 2-3, the project site currently consists of one large parcel that encompasses the addresses of 1700, 1702, and 1704 Webster Street. The parcel is shown in the Alameda County Assessor's Book 74, Block 417, Parcel 12-1.

depth to ground water?



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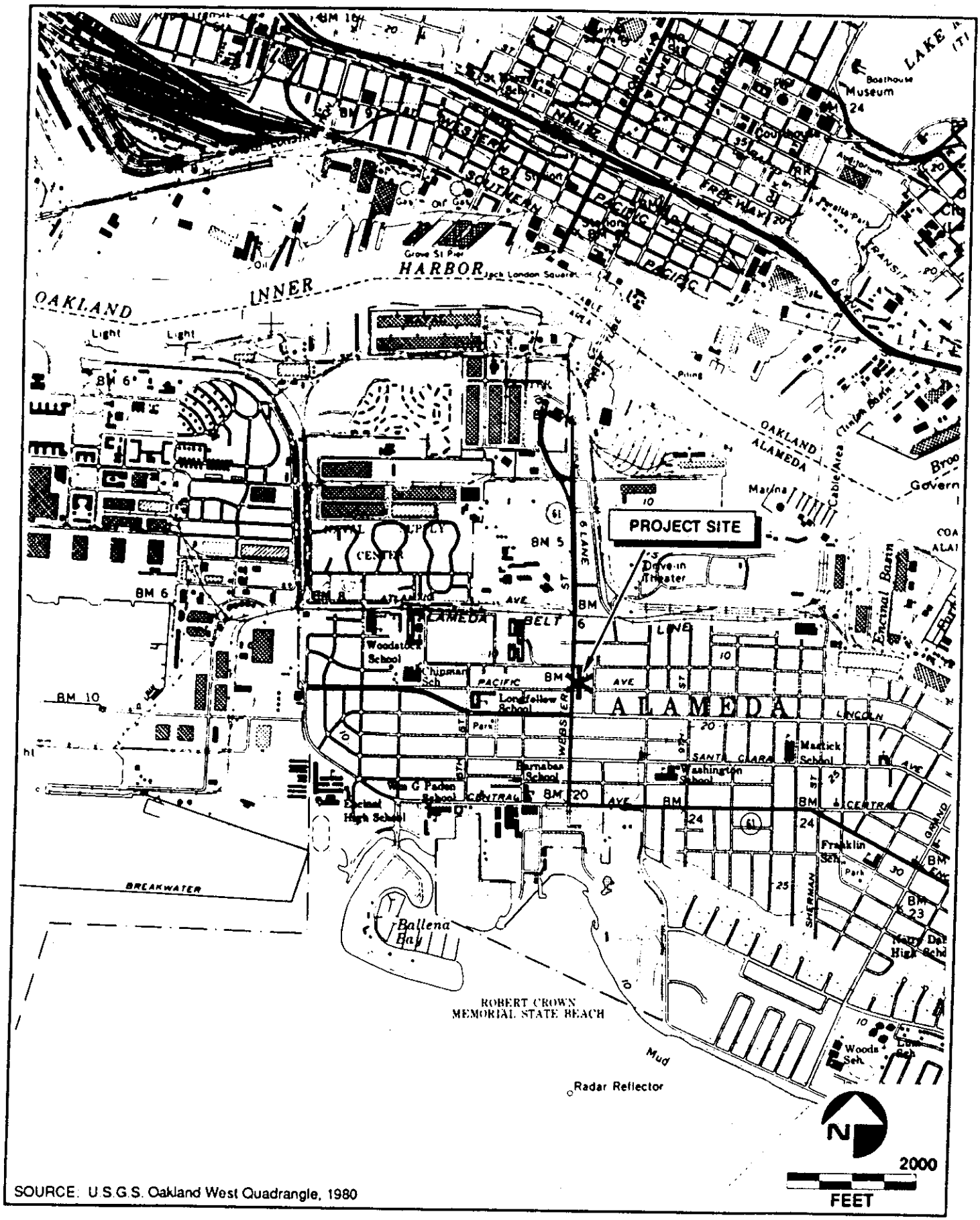
Location Map

FIGURE 2-1

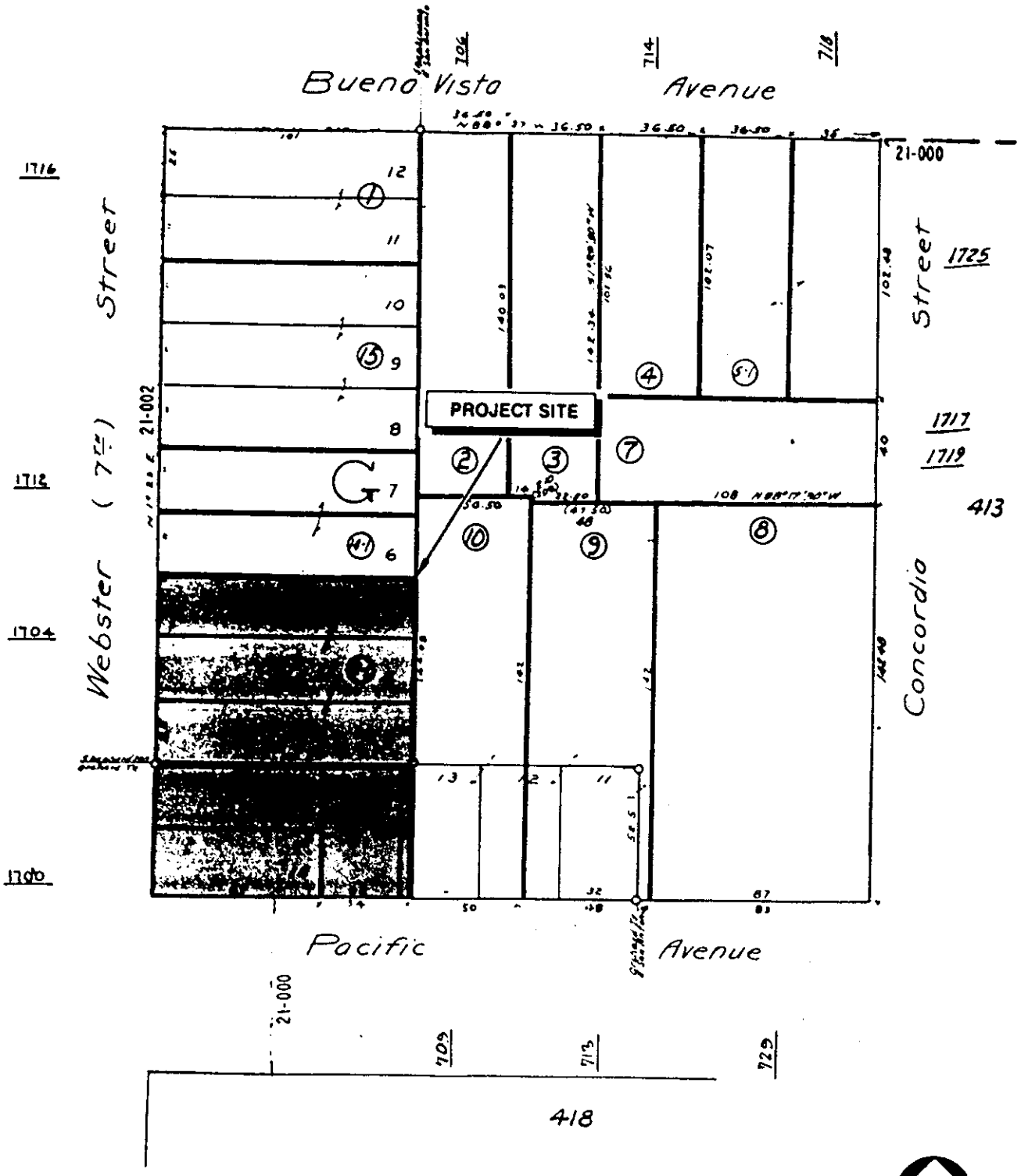


SOURCE: U.S.G.S. Oakland West Quadrangle, 1980

ERC Environmental and Energy Services Co.

Project Site Location

FIGURE 2-2



SOURCE: Alameda County Recorder's Office

ERC Environmental and Energy Services Co.

Assessor's Map for Project Site

FIGURE 2-3

SECTION 3
SITE INVESTIGATION

This section describes the field activities performed at the project site during UST closure activities. ERCE supervised activities which included geophysical survey performed on January 2, 1991, UST removal performed on April 18, 1991, soil removal performed on July 9, 1991, and excavation backfilling activities completed on July 15, 1991. UST removal, soil removal, and soil sampling methodologies are included.

3.1 GEOPHYSICAL SURVEY

On January 2, 1991, Spectrum Environmental Services, Inc. of Fremont, California conducted a magnetic and ground penetrating radar (GPR) investigation at the site. The objective of that geophysical investigation was to determine the number and location of any USTs still present beneath the site. The site was a former gasoline service station from the late 1930s to 1953. One 550-gallon oil tank was located beneath the site about 20 feet north-east of the Duffy Diner building and four feet below ground surface. A copy of the geophysical investigation including methods, results and figures is included as Appendix B. Survey did not include below existing building, where (former) gasoline USTs may be located.

3.2 TANK REMOVAL

On April 18, 1991, Placer Tractor Services excavated the 550-gallon UST. The UST and its contents were transported offsite as hazardous waste. Two soil samples were collected and sent to ATI for chemical analyses. ERCE personnel, in coordination with DEH, Fire Department, and Public Works inspectors, supervised all tank closure activities. A copy of the tank closure permit application is included as Appendix C.

Based on geophysical data, ERCE personnel delineated a 56 square feet area in the asphalted parking lot of the site that outlined the surface projection of the UST. The asphalt was removed from this area using a Case 580 E Backhoe equipped with a 12-inch bucket and a six-foot loader (Figure 3-1, Photo 1). The asphalt was three inches thick. After breaking and removing the asphalt, the ground was probed with a five-foot-long steel rod to verify that the UST was actually beneath the suspected area. Once located, the UST and two underground lines were exposed (Figure 3-1, Photo 2). One line was a vent line connected to the tank. This line was capped with a stainless steel plug as required by

PHOTO 1. Duffy Diner's parking lot. Breaking asphalt of UST location.

PHOTO 2. View of the 550 gallon UST and underground pipes. Pipe running across excavation is not associated with the tank.

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Photos 1 and 2

FIGURE 3-1

Public Works. The other line was not associated with the tank. We believe this line is an abandoned water pipe running east-west toward the building. Neither line was removed from the site. About 50 gallons of waste oil were found inside the UST. Placer Tractor removed the waste oil by tilting the tank in the excavation and pumping it into a 2,700-gallon mobile tank (Figure 3-2, Photo 3). The UST was pressure washed after which the rinsate was pumped into the mobile tank. The mobile tank was transported to Evergreen Environmental of Newark, California, an EPA-certified hazardous materials recycling facility. Hazardous waste manifests for the waste oil and rinsate transport and disposal are included in Appendix D. Following pressure-washing, 40 pounds of dry ice were placed inside the UST. Dry ice displaces oxygen creating a non-combustible atmosphere inside the tank. A combustible gas meter that measures the percent lower explosive limit (LEL) was used to verify tank inertness. The DEH indicated the tank was safe for removal and transport when the LEL and oxygen were four percent and one percent, respectively. The Fire Department and DEH inspectors approved the removal of the UST. The UST was placed on a flat bed trailer and transported to Erickson, Inc., of Richmond, California for destruction (Figure 3-2, Photo 4). Erickson, Inc. is an EPA-certified hazardous materials facility. A hazardous waste manifest for the transport and disposal of the UST is included in Appendix D.

After the UST was removed from the ground it was place on the asphalt and inspected. The UST was constructed of steel and was lightly oxidized over its entire surface. No holes or fissures were observed. Its dimensions were 7.0 feet long by 3.8 feet diameter. The tank volume in gallons was calculated using the following formula:

$$V = \pi r^2 L (7.48 \text{ gals/ft}^3)$$

V = volume (gallons)
R = tank radius = 1.9 feet
L = tank length = 7.0 feet

The calculated tank volume is 593.5 gallons, which differs slightly from the estimated volume of 550 gallons. The difference may be in that the formula uses the inside diameter whereas ERCE used the outside diameter. The size of the excavation was nine feet long by six feet wide by six feet deep. No ground water was encountered during the excavation; therefore, only soil samples were collected.

PHOTO 3. Pumping waste oil out of UST.

PHOTO 4. Hauling off UST.

ERCE

Photos 3 and 4

FIGURE

3-2

No staining was observed in the excavation. The DEH inspector and ERCE hydrogeologist agreed to collect one soil sample from the bottom of the excavation. The DEH inspector requested an additional soil sample from the fill material prior to using that soil as excavation backfill. Figure 3-3 (Photos 5 and 6) shows the exact location of soil samples. Prior to sample collection, sampling equipment was decontaminated by washing with an Alconox (a laboratory-grade, nonorganic detergent) and water solution, rinsing with tap water, rinsing with isopropyl alcohol, rinsing with tap water, and a final rinse with deionized water. All sampling and decontamination procedures were conducted according to ERCE standard protocol.

A backhoe bucket taken from the bottom of the excavation at a depth of six feet was the source for the first soil sample. The second sample was collected from the fill material piled next to the excavation. Each soil sample consisted of two brass liners that were six inches long and two inches in diameter. The liners were manually driven down into the bucket until they were full (no headspace). Immediately following sample acquisition, the ends of the liners were covered with teflon film, sealed with plastic caps, and wrapped with tape. The samples were labeled and placed on ice in a cooler for shipment to ATI. Sample labeling included sample designation, date, time, depth (when appropriate), and location. Appropriate chain-of-custody documentation was kept with the samples at all times. A copy of the analytical laboratory report is included as Appendix F of this report.

The subsurface soils encountered during the excavation consisted of light brown silty sands (SM). The sand was fine-grained and well-sorted. Toward the bottom of the excavation (five to six feet below grade), some light gray mottling was observed. Here, the silty sand had a faint organic odor. In general, soils were damp and unconsolidated.

After sample collection, the bottom of the excavation was backfilled with three feet of fill material that was compacted with the backhoe bucket to approximately 90 percent relative maximum density. After that, it was covered with a thick plastic sheet. Three feet of 3/4-inch crushed rock were placed on top of the plastic sheet and compacted with the backhoe bucket (Figure 3-4, Photos 7 and 8). This backfill brought the excavation to just below grade level. Finally, a three-inch thick asphalt layer was placed, compacted and leveled on top of the crushed rock (Figure 3-5, Photo 9).

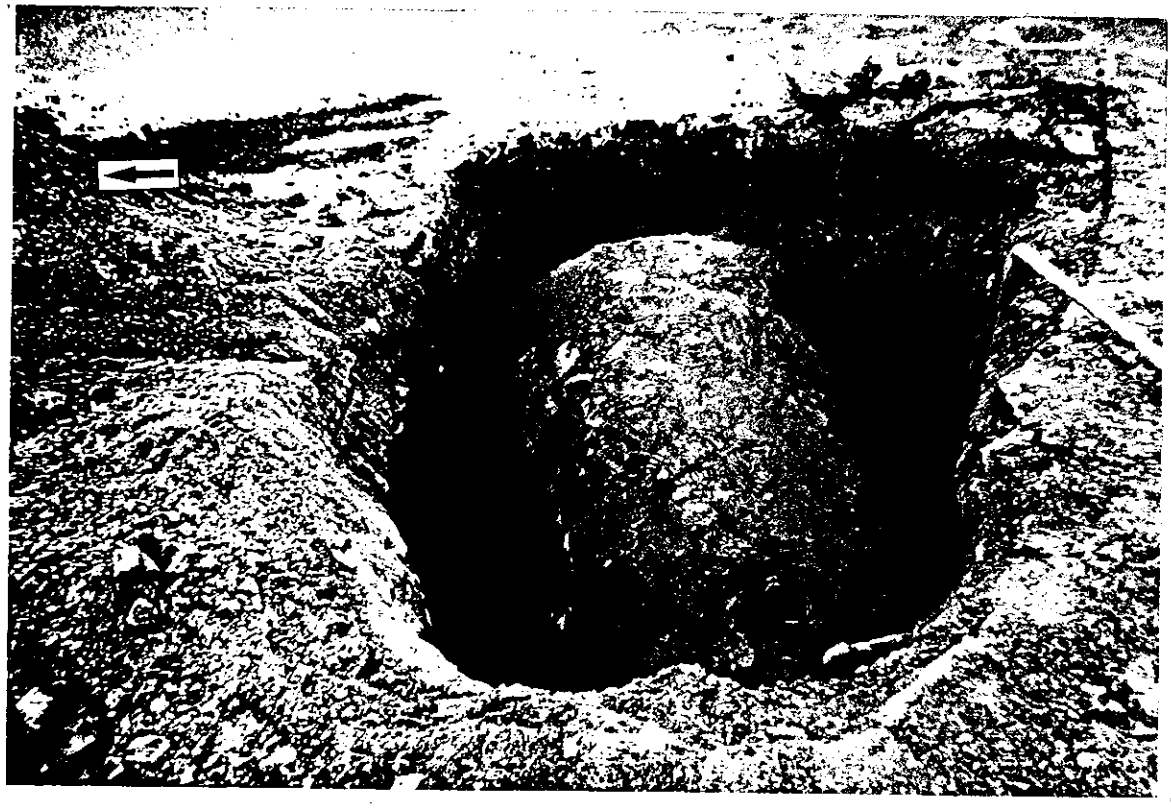

PHOTO 5. Soil sample location from fill material. Arrow points to where sampling bucket was taken from.

PHOTO 6. Soil sampling location from bottom of excavation. Arrow points to where sampling bucket was taken from.

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Photos 5 and 6

FIGURE 3-3

PHOTO 7. Partial view of backfilled excavation. Plastic sheet separates fill from 3/4" diameter crushed gravel.

PHOTO 8. Excavation after crushed gravel has been compacted.

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Photos 7 and 8

FIGURE 3-4

PHOTO 9. Compacted and leveled asphalt patch placed on top of crushed gravel.

ERCE

Photo 9

FIGURE 3-5

3.3 SOIL REMOVAL

Soil samples collected during the UST removal were analyzed for TFHs, BTXE, VOCs, oil and grease, chlorinated hydrocarbons and trace metals. A summary of detected compounds is presented in Table 3-1. The highest concentrations of oil and grease and fuel hydrocarbons were detected at 18,700 mg/kg and 640 mg/kg respectively.

When concentrations of hydrocarbons and oil and grease are detected above detection limits the San Francisco Bay Regional Water Quality Control Board typically requires that contaminated soil be removed and disposed of properly. ERCE estimated that approximately 20 cubic yards (one end-dump truck) of soil needed to be removed and transported as non-hazardous material to a certified disposal facility. Based on substance concentrations listed in Table 3-1, ERCE selected Gibson Class 1 M 2 landfill facility located in Bakersfield, California as the appropriate disposal facility. Prior to accepting contaminated soil, Gibson requested a soil profile. This request was based on the relatively high concentrations of cadmium (2.4 mg/kg), chromium (48.9 mg/kg), nickel (39.9 mg/kg), lead (4.5 mg/kg) and zinc (28.6 mg/kg).

The soil profile consisted in collecting one soil sample at the bottom of the excavation and analyzing for California 17 priority pollutant metals (CAM 17). This sample was collected on June 27, 1991 using the same method described before. Chemical analysis was performed by ATI. Analytical results are presented in Appendix G. Concentrations of the 17 metals were within the acceptable range for a Class 1 M 2 landfill.

Why not analyze the excavated soil?

On July 9, 1991, Placer Tractor (under ERCE supervision) removed and hauled offsite 20 cubic yards of contaminated soil which was transported as non-hazardous material to Gibson's facility for disposal. A copy of the non-hazardous manifest is included as Appendix E. Each side wall of the excavation and the bottom of the pit were constantly screened with a Microtip photoionization instrument to detect organic vapors. The background concentration for the Microtip was established at 6 ppm. Soils at or below this reading were assumed to be contaminant-free. As the excavation progressed, soils were continually screened with the Microtip. Excavation ceased when soil samples yielded Microtip concentrations at or below the background concentration. Afterwards, an ERCE hydrogeologist collected five soil samples for laboratory verification (S-2, S-3, S-4, S-5, and S-6). One sample was taken from each of the side walls of the excavation and one from the bottom of the pit (Figure 3-6). Sample acquisition was performed as described in

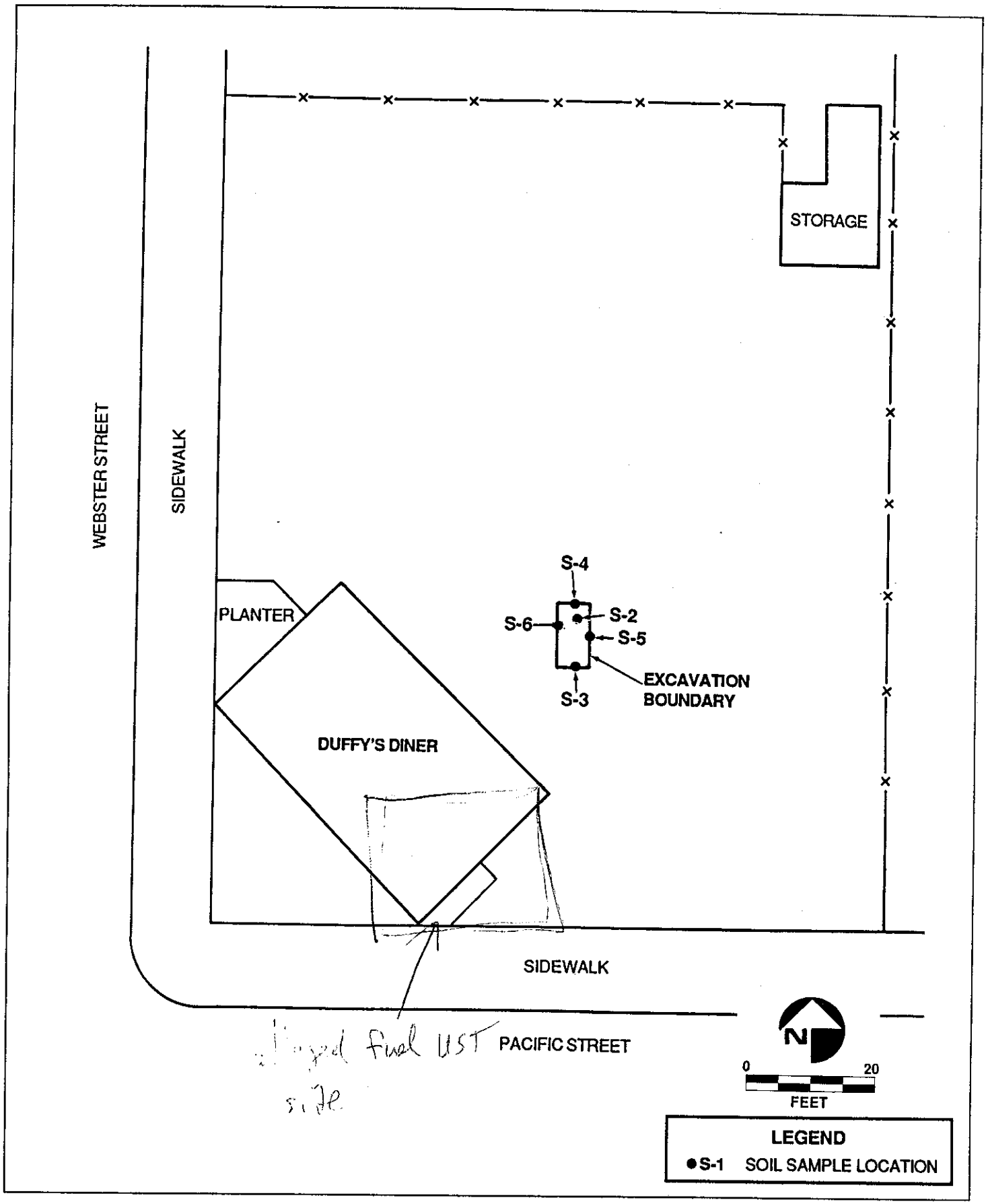
Table 3-1

SOIL ANALYTICAL RESULTS
UST REMOVAL VERIFICATION SAMPLES
APRIL 18, 1991

Parameter mg/kg	Sample Identification Tank Excavation	Pile
Oil and Grease	18700	1400
Cadmium	2.4	NA
Chromium	48.9	NA
Nickel	39.9	NA
Lead	4.5	NA
Zinc	28.6	NA
TCE (1)	0.025	NA
Benzene	< 0.025	< 0.025
Toluene	0.71	0.44
Ethylbenzene	0.026	< 0.025
Xylenes	0.22	< 0.05
TFH (2)	640	92
VOC (3)	1000.	NA
	per Tim Cook - 8270 method	C over above extractable

Note:

TCE = Tetrachloroethene
TFH = Total Fuel Hydrocarbons
VOC = Volatile Organic Compounds
NA = Not Analyzed



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Location of Soil Removal Verification Samples
July 9, 1991

FIGURE 3-6

Section 3.2. All samples were analyzed for TPH by ATI. Analytical results from the verification samples are presented in Table 3-2; laboratory reports are included in Appendix G. TPHs were not detected in any of the verification samples.

While awaiting analytical results from the verification samples the pit was fenced off with a temporary 7-foot tall chain-link fence. On July 15, 1991, Placer Tractor (under ERCE's supervision) backfilled the pit to 4 inches below surface grade with 3/4-inch crushed gravel. The crushed gravel was covered with a 4-inch layer of asphaltic concrete thus restoring the site to pre-existing conditions (See Figure 3-5).

After Area excavation

Table 3-2

SOIL ANALYTICAL RESULTS,
SOIL REMOVAL VERTIFICATION SAMPLES
JULY 9, 1991

Sample	TPH mg/kg
S-2	<1.0
S-3	<1.0
S-4	<1.0
S-5	<1.0
S-6	<1.0

Note:
TPH = Total Petroleum Hydrocarbons.

SECTION 4
CONCLUSIONS

A 550-gallon waste oil UST was removed from the site located at 1700 Webster Avenue in Alameda, California. The tank and its contents were transported offsite as hazardous materials. The UST was taken to Erickson Inc. disposal facility of Richmond, California for destruction; whereas, its contents were disposed of properly at Evergreen Environmental disposal facility of Newark, California.

Additionally, 20 cubic yards of contaminated soil were removed from the site. Contaminated soil was transported as non-hazardous material to the Gibson Class 1 M 2 landfill facility in Bakersfield, California. TPH was not detected in the verification samples. Thus, site remediation activities are complete and meet appropriate state and local regulatory requirements governing UST closures and soil remediation.

APPENDIX A

PHASE 1 REPORT

Final Report

Phase 1
Hazardous Materials Site Assessment
Duffy Diner
Alameda, California

Prepared for:
OgdenServices Corporation
Two Pennslyvania Plaza
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Prepared by:
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(415) 227-4370

November 1990

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SECTION 1
INTRODUCTION

This draft report, prepared by ERC Environmental and Energy Services Co. (ERCE), presents the results of a Phase I hazardous materials site assessment of the property located at 1700 Webster Street in Alameda, California. The site assessment was conducted by ERCE at the request of Ogden Services Corporation (Ogden).

1.1 PROJECT BACKGROUND

A preliminary investigation of the Duffy Diner at 1700 Webster Street (hereafter referred to as the "project site) was conducted in 1989 by J. Quarle and Associates, Inc. Quarle's study included limited historical and regulatory file research followed by a field investigation. Quarle's research confirmed the use of the site as a gasoline station until 1953, and identified the general location of the station's underground storage tanks through a conversation with a former station employee. According to this employee, who worked at the station from 1941 through 1942 and gaged the tank levels each day, the tanks were located under what is now the southeast corner of the diner. During the Quarle field investigation, six borings were drilled in the vicinity of the current Duffy Diner structure. The borings were located in the areas identified during a 1988 geophysical survey by Woodward-Clyde Consultants as containing some form of subsurface metal anomalies. Samples were taken from five of the borings at depths of five and ten feet. All samples were analyzed for total petroleum hydrocarbons (TPH); results did not reveal concentrations above detection limits.

1.2 PURPOSE

The purpose of this assessment was to evaluate the potential for contamination at the site as a result of current or past land use involving hazardous materials or wastes.

This document seeks to provide "innocent landowner" documentation for the subject parcel. The concept of "innocent landowner" is a relatively new development in environmental law. Its genesis and application are described in the following paragraphs.

Both the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) and its 1986 Amendments (SARA) clarify the issues of contaminated

property and transfers to new owners. Since the sale of land or a deed constitutes a contractual relationship, a subsequent purchaser of property may be held liable for contamination caused by the prior owner(s).

A landowner who acquires land not knowing that it is contaminated ("innocent landowner") and has no reason to be aware of such contamination, may have a defense to the joint and severe liability for cleanup of that property prescribed by CERCLA.

To qualify for "innocent landowner" status, the landowner must show that at the time of purchase he has undertaken "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice."

1.3 SCOPE

The scope of the hazardous materials site assessment conducted for Ogden was based on the contract between Ogden and ERCE dated October 3, 1990.

Specifically, the scope of services for this site consisted of the following tasks:

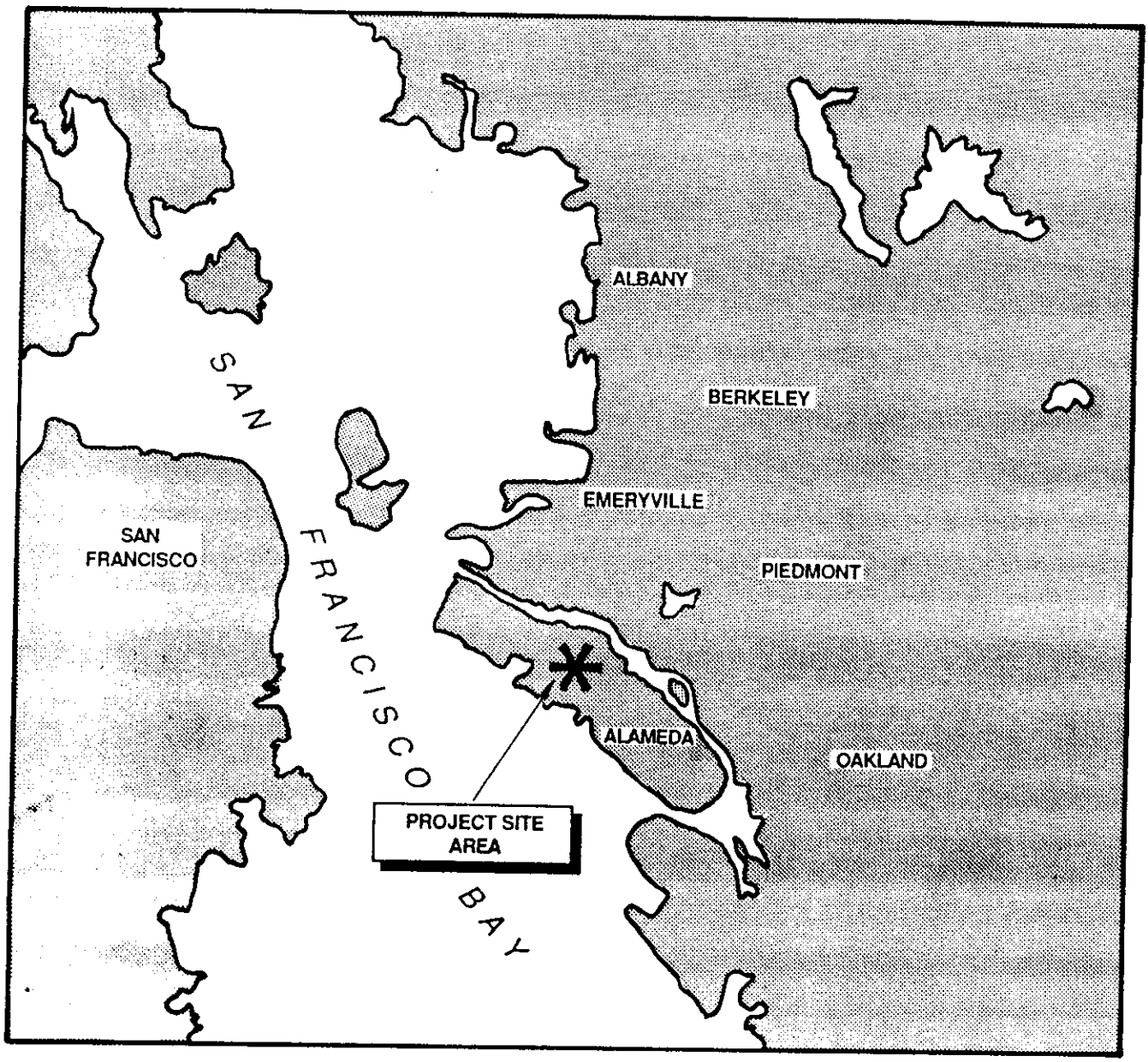
- An historical land use survey of the site and the surrounding parcels;
- A review of current and historical aerial photographs, as available;
- Discussions with appropriate regulatory agencies;
- A review of state and federal lists of known hazardous waste sites;
- A physical walk-through and visual inspection of the site and the surrounding parcels; and
- Preparation of a report that documents all activities conducted during the investigation and summarizes the findings and significance of the Phase I audit.

SECTION 2
SITE LOCATION AND DESCRIPTION

The project site is located within the boundaries of the City of Alameda, in Alameda County, California. Alameda is an island located west of the City of Oakland, separated from Oakland by the Oakland Estuary (Figure 2-1). The Webster Street Tube (an underwater tunnel) and several bridges connect the island to the mainland. The project site is located at 1700 Webster Street, which is in the central section of the island, approximately 1 mile south of the entrance to the Webster Street Tube and 1.5 miles east of the U.S. Naval Air Station.

As shown in Figure 2-2, the site is on the block bound by Buena Vista Avenue to the north, Webster Street to the west, Pacific Avenue to the south, and Concordia Street to the east. The surrounding terrain is level. The site vicinity is characterized by commercial development along Webster Street, and residential development along side streets to the east and west.

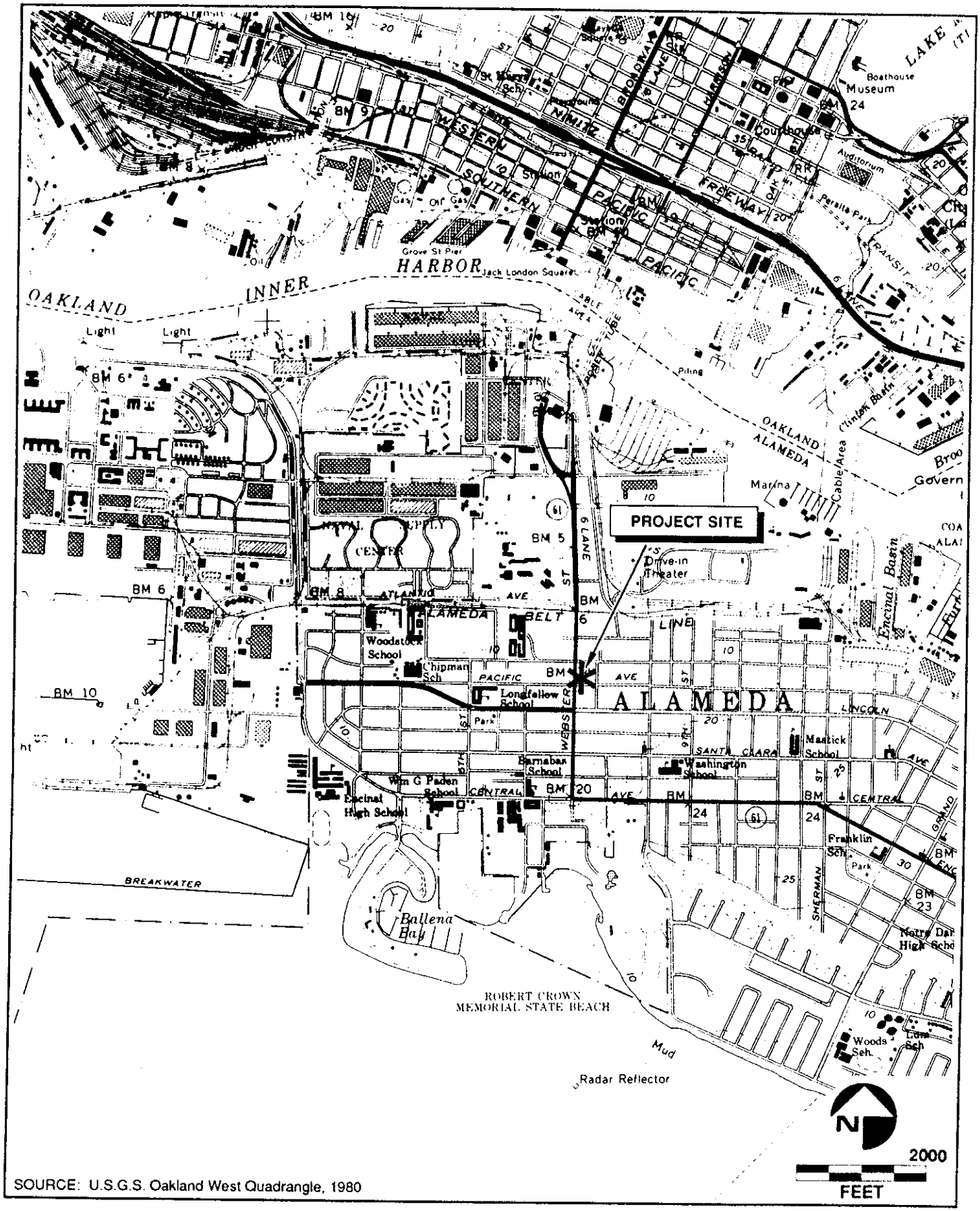
Early assessor's maps indicate that when first subdivided, the project site was included in both the the "Orchard tract" and the "Shepardson tract," and was composed of five parcels. The shape of these original parcels indicates that they may have been plotted for residential use. As shown in Figure 2-3, the project site currently consists of one large parcel that encompasses the addresses of 1700, 1702, and 1704 Webster Street. The parcel is shown in the Alameda County Assessor's Book 74, Block 417, Parcel 12-1.



ERC Environmental and Energy Services Co.

Location Map

FIGURE 2-1

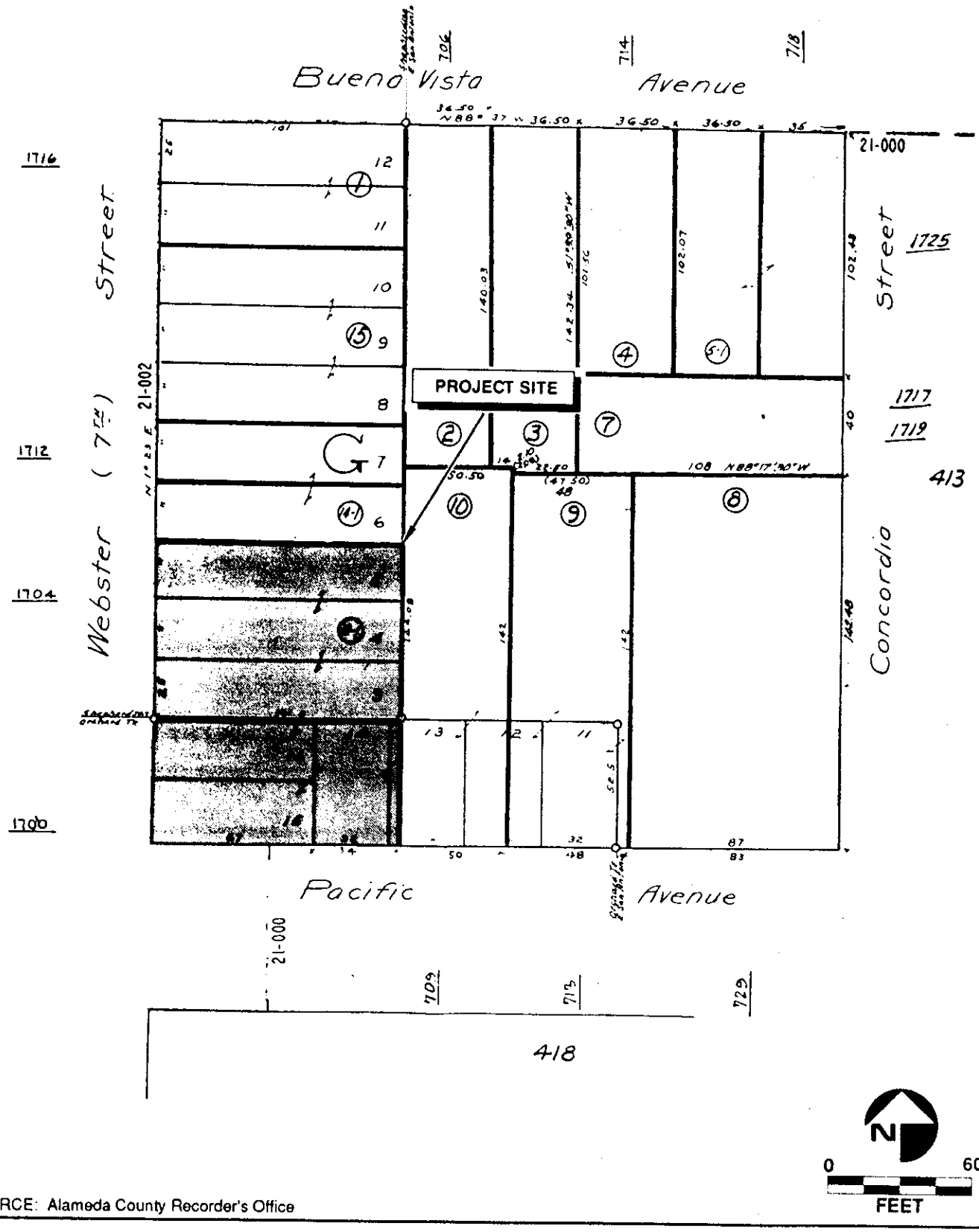


SOURCE: U.S.G.S. Oakland West Quadrangle, 1980

ERC Environmental and Energy Services Co.

Project Site Location

FIGURE **2-2**



SOURCE: Alameda County Recorder's Office

ERC Environmental and Energy Services Co.

Assessor's Map for Project Site

FIGURE **2-3**

SECTION 3
HISTORICAL LAND USE SURVEY

3.1 INTRODUCTION

Research on historical land use was conducted for the purpose of determining if past or current practices involved the use, storage, treatment, generation, and/or disposal of hazardous substances at the site or on adjacent land. The objective of this research was to assess whether current or former land use activities may have caused or contributed to site contamination.

3.2 RESOURCES AND LIMITATIONS

A record of land use within the project area and vicinity was obtained primarily through city directory listings dating from 1973 to 1987. City directories were unavailable for Oakland and/or Alameda between the years of 1944 and 1972 and were reportedly not published during those years. City directories published prior to 1944 were examined for this study, including those published in 1915, 1922, 1927, 1939, 1941, and 1943. Although city directories provide the most complete and available record of land use over time, there are several limitations associated with the use of this resource. Among these limitations are occasional inconsistencies in the location and names of businesses.

Aerial photographs provided another significant resource for the historical land use survey. Due to the generally small scale of the available images, the limitations associated with aerial photographs frequently include problems with clarity. Photographs from 1950, 1957, 1969, and 1979 were analyzed for this study. In addition, aerial photographs dating from 1984, 1988, and 1989 have been obtained and will be included in the final report.

3.3 GENERAL HISTORICAL BACKGROUND OF THE PROJECT AREA

Alameda was founded in the 1840s on a peninsula west of Oakland that extended westward into the San Francisco Bay. It was originally a part of the Vincente Peralta Rancho referred to as the Encinal de Temescal. By the 1860s, Alameda was served by the Alameda and San Francisco Railroad, which connected Alameda to Oakland and cities farther south and east. The opening of the San Francisco ferry building in 1875 and the improvement of ferry routes to cities on the eastern side of the San Francisco Bay encouraged workers to live in

"bedroom communities" such as Alameda (Scott, 1985). In 1901, the Corps of Engineers cut the land connecting Alameda to Oakland to better establish the Inner Harbor Channel (Bagwell, 1982). This action created the island of Alameda, as it is seen today (see Figure 2-1).

In 1880, the Pacific Coast Oil Company (PCO) constructed a large petroleum refinery on the south central coast of Alameda, near what is known as Alameda Point. The refinery was located approximately one mile southwest of the project site near the historic community of Woodstock. The plant manufactured petroleum products including kerosine, illuminating oils, and gasoline, and had a design output capacity of 20,000 gallons per day. PCO expanded the Alameda plant between 1884 and 1887, increasing its number of storage tanks for crude oil and refined products from 14 to 40. Each of these tanks reportedly had a storage capacity of 75,000 barrels, or approximately 3,150,000 gallons (White, 1962).

In 1900, Standard Oil of California (Standard) purchased PCO and upgraded the Alameda refinery in 1901. By 1902, Standard had constructed its refinery in Richmond (approximately 18 miles north of Alameda), but continued to use the Alameda location for storage of crude and refined petroleum products. By 1910, Standard had completely phased out the Alameda refinery, replacing it with a storage tank farm near the new refinery in the San Pablo Hills of Richmond (White, 1962). At the same time that Standard was withdrawing from its Alameda location, the Bethlehem Steel Shipbuilding Division (Bethlehem) constructed a large plant approximately 0.75 miles northeast of the project site. Bethlehem occupied several large masonry structures near the Inner Harbor waterfront (Scott, 1985).

In the 1910s, a small amusement park occupied Alameda's southwestern shore 0.5 miles south of the project site. When the 1915 Panama Pacific International Exposition was disassembled, three rides were moved to Alameda. By 1921, the amusement park had become a popular 120-acre attraction called Neptune Beach. In 1927, dredging operations converted 43 acres of marsh into amusement park land. Neptune Beach, billed as the "Coney Island of the West," attracted as many as 25,000 visitors on a given summer weekend in the 1920s. Hurt by the Depression, competition from San Francisco's Playland-at-the-Beach and the World's Fair at Treasure Island, Neptune Beach closed in October, 1939 (Flamm, 1978).

The influx of seasonal visitors to Neptune Beach beginning in 1915 may have encouraged commercial uses along Webster Street, the most direct automobile route from Oakland to Neptune Beach. In 1922, hotels, restaurants and eight retail gasoline and/or auto repair businesses operated along Webster Street. Prior to World War II, most of these gas stations were operated by individuals and partnerships rather than the major oil companies (Polk, various years).

World War II changed the community into a "Navy town" with the establishment of the Alameda Naval Air Station (NAS) and NAS Supply Center approximately 0.75 miles northwest of the project site. During the War, temporary housing and supply center warehouses occupied all available lands on the western end of the island (Scott, 1985). Former swimming pools at Neptune Beach were filled in and used as drilling grounds (Flamm, 1978), and the war-revitalized Bethlehem Plant built ships for the transport of troops to the front (Scott, 1985).

The character of Webster Street changed as Alameda NAS continued to dominate land uses on the island after World War II. Businesses began to cater to resident sailors rather than to the Neptune Beach tourists, as they had during the 1920s and 1930s. Since World War II, Webster Street has been called a "honky tonk strip." Uses near the project site including tatoo parlours, bars, restaurants, video rental stores, and discos contribute to this reputation (Haines, 1973-1987).

3.4 Previous Land Use of the Project Site

The earliest known use of the project site was a "gasoline and oil service station" located at 1702 Webster Street in 1915. It was operated by a partnership called Gale & Hubbard. In 1922, Camper and Baugh operated an auto tire retail store and C.E. Fergus serviced auto batteries at 1700 Webster. A Shell Oil Company gas station (Shell) was operated at 1702 Webster in 1935. In 1939, Herbert Danielson operated a service station at 1700 Webster Street under the name Shell (Polk, various years). A 1941-1942 Shell employee revealed that one of his daily responsibilities was to gage the fuel levels in the station's underground tanks. This employee indicated that the tanks were located under what is now the southeast corner of the diner (Quarle, 1989). A list of the known occupants of the project site since 1915 is provided in Table 3-1.

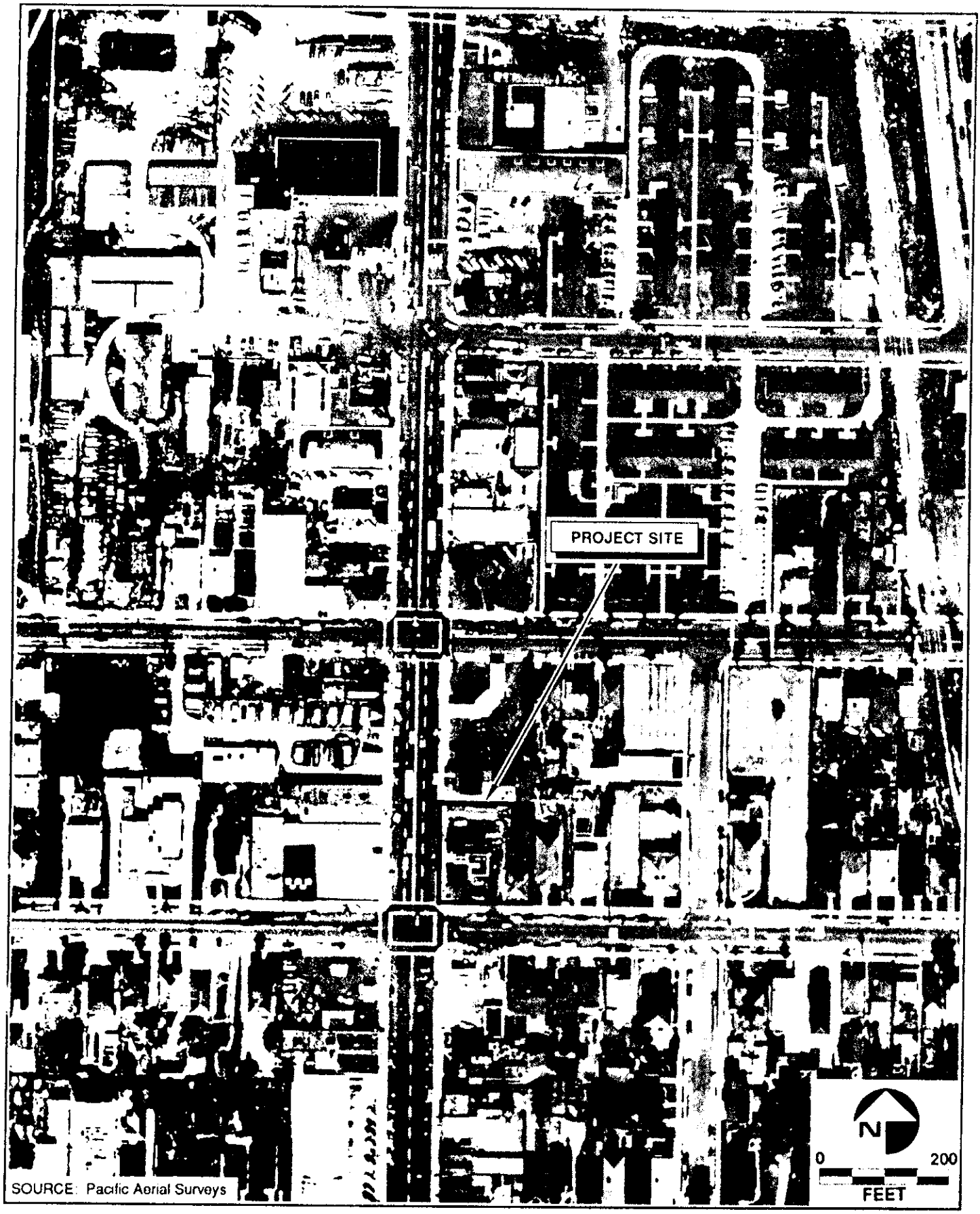
TABLE 3-1

DIRECTORY LISTING OF BUSINESSES OPERATING AT THE PROJECT SITE

Address	Years	Establishment
Pacific Avenue corner of Webster	1939	Shell Oil (gas station)
1700 Webster	1922	Camper & Baugh (auto tires)
	1922	C.E. Fergus (auto batteries)
	1939	Herbert Danielson (gas station)
	1953-1987	Doggie Diner Co [2]
1702 Webster	1915	Gale & Hubbard (gas station)[1]
	1935	Shell Oil Company (gas station)[1]

[1] City of Alameda Fire Department records
[2] Building permit records (Quarle, 1989)

Aerial photographs from 1950 show a U-shaped structure near the center of the project site (Figure 3-1). A second structure was located close to Pacific Avenue at the southeast corner of the parcel. According to information in the Quarle report, a longtime Alameda resident stated that in 1947 a house was located at the approximate site of this building. This resident also reported that a used car lot had been situated north of the gas station within the boundaries of the project site, though the years of operation of this business were not specified (Quarle, 1989). In the 1950 aerial photograph, the central portion of the site appears as a paved area with few vehicles. This paved area may have been the site of the used car lot to which the Alameda resident referred. Three long buildings occupy the north and northeast portion of the project site. All three structures have peaked roofs; the use of these buildings is not known.



SOURCE: Pacific Aerial Surveys

ERC Environmental and Energy Services Co.

1950 Aerial Photograph of Project Site and Vicinity

FIGURE 3-1

no records to indicate the tanks were removed

Building permit records indicate that an unspecified type of construction was performed on a service station at 1700 Webster in 1940. In 1953, a permit was issued to raze the existing service station and replace it with a 25-foot square concrete block structure. This building was constructed in 1953 as a hotdog and hamburger stand known as Doggie Diner, one of a chain of restaurants located throughout the San Francisco Bay Area (City of Alameda building permits). Doggie Diners were recognizable by the figure of a large, grinning basset hound wearing a bow tie and chef's hat on a tall pole in front of each restaurant.

A 1957 aerial photograph shows the project site as a small square building with two narrow "wings" extending northwest and southeast from the structure. The remainder of the large parcel was devoted to approximately 25 parking stalls. Building permits for the site were filed with the City Planning Department in 1958 and between 1965 and 1966. Alterations in the structure in 1958, which included the addition of a dining area patio awning, can be detected by comparison of the aerial photograph from 1957 (Figure 3-2) with the photograph from 1969 (Figure 3-3). The "wings" extending from the structure in 1957 are no longer visible by 1969. Building permits were issued between 1965 and 1966 for a new sign and roof repair at the Doggie Diner, although these changes are not visible in aerial photographs. Aerial photographs further indicate that the diner did not undergo any significant structural changes between 1969 and 1979 (Figures 3-3 and 3-4).

3.5 Current Use of the Project Site

The project site has been used continuously as a restaurant from 1953 to 1990 (Alameda building permits; Haines 1973-1987; site visit, 1990). When the local Doggie Diner chain dissolved in the 1980s, the restaurants were either remodeled, renamed or demolished. City directories for Alameda indicate that the site was listed as a Doggie Diner through 1987. The restaurant at the project site is currently known as Duffy Diner.

It was noted during the site visit that the style of the structure and its fixtures appeared to date from the 1950s or 1960s. A pole which would have likely supported the former Doggie Diner symbol was noted at the front of the building. The current sign at the roof line of the structure appears to have been adapted from the original, with the word "doggie" covered and the word "diner" remaining (site visit, 1990).

SOURCE: Pacific Aerial Surveys

ERC Environmental and Energy Services Co.

1969 Aerial Photograph of Project Site and Vicinity

FIGURE 3-3

SOURCE: Pacific Aerial Surveys

ERC Environmental and Energy Services Co.

1979 Aerial Photograph of Project Site and Vicinity

FIGURE 3-4

3.6 ADJACENT LAND USE

The historical use of the Webster Street commercial strip adjacent to the project site was the area of focus for this report. A list of the known land uses one block north and south of the project site (the 1500 and 1800 blocks of Webster) is provided in Table 3-2. Land use on streets intersecting Webster Street is generally residential in this area. A list of businesses located on Webster Street beyond the 1500 and 1800 blocks and the few businesses that occupy other nearby cross street addresses is included in Appendix A of this report.

Land uses of particular interest in the 1500 block of Webster include Alameda Paint and Wallpaper at 1501 Webster Street, which operated from 1973 to 1985; Skelly Hardware Company located at 1535 Webster Street from 1915 to 1922; and Carl Hubner, a clothes presser and cleaners at 1548 Webster Street in 1943. Of the 39 addresses listed between 1600 and 1900 Webster Street, 59 percent were occupied by automotive businesses in the past 75 years.

Historically, the Pacific Coast Borax Company manufacturing plant was located on Pacific Avenue near the waterfront (Polk,1915). Courtesy Cleaners was located at 649 Pacific Avenue from at least 1973 to 1979. Tony's Body and Fender Works was situated at 651 Pacific Avenue from at least 1973 to 1987. Other businesses on Pacific Avenue in recent years included a janitorial service, a sail manufacturing company, and a diving equipment sales and repair shop (Haines, 1973-1987).

Significant adjacent land uses are visible in aerial photographs dated between 1950 and 1979 (Figures 3-1 through 3-4). In 1950, large warehouses were located northeast of the project site near Webster along Buena Vista Avenue (Figure 3-1). By 1957, additional warehouses fanned out from a circular drive off of Buena Vista Avenue, northwest of the project site (Figure 3-2). These warehouses may have been associated with the nearby Alameda NAS Supply Depot. Chipman School and its associated grounds (located northwest of the project site) replaced these warehouses by 1979. The College of Alameda, visible in Figures 3-3 and 3-4, occupies a large parcel of land northwest of the project site at Atlantic Avenue and Webster Street. A former Safeway Store is currently used by Liquor Barn on Pacific Avenue.

TABLE 3-2

DIRECTORY LISTING OF BUSINESSES OPERATING WITHIN ONE BLOCK OF THE PROJECT SITE

Address	Years	Establishment
Webster Street		
1600 Webster	1973-1979	No listing at this address
	1981-1985	The Ready Room
	1986-1987	Wally's Corner
1601 Webster	1971-1978	Shell Service West
	1976	Ryder Truck Rental
	1979-1987	Kin's Shell Service #2
1602 Webster	1973-1985	Family Liquor Store
	1986	No listing at this address
	1987	Pierre's Boutique
1604 Webster	1973-1978	The Poster Factory
1606 Webster	1973-1974	Charmette's Beauty Salon
	1976	No listing at this address
	1978	Lorrie's Coffee House
	1979-1983	No listing at this address
	1984-1987	Ribs & Things
1608 Webster	1973-1974	No listing at this address
	1976-1978	Bicycle Pit
	1979	No listing at this address
	1981-1983	Strogue Glass Works
	1984	No listing at this address
	1985-1986	Alameda Donuts
	1987	Family's Donuts
1612 Webster	1973-1986	No listing at this address
	1987	King's Key & Bike
	1987	Underground Bike Shop
1614 Webster	1973-1976	No listing at this address
	1978-1985	Golden Gate Books
	1986-1987	No listing at this address
1616 Webster	1973-1976	West End French Laundry
	1978-1983	No listing at this address
	1984-1987	Island Thrift Garment

1 City of Alameda Fire Department records.

2 Alameda Times-Star clippings file in the Oakland Public Library; Advertisements run by local businesses between 1967 and 1969.

TABLE 3-2 (continued)

DIRECTORY LISTING OF BUSINESSES OPERATING WITHIN ONE BLOCK OF THE PROJECT SITE

Address	Years	Establishment
1619 Webster	1915	Peter Jorgenson, blacksmithing
	1922	P.R. Hart, Automobile Repairer
	1939	Billman & Waller (auto repair)
	1973-1976	Tim's of Alameda
	1978-1987	Mexicali Rose Alameda
1621 Webster	1915	F.F. Anderson, auto painter
	1922	West End Trimming Shop (auto top shop)
	1925	C.H. Hart (gas station)[1]
1624 Webster	1914	Bott's Garage (gas station)[1]
1628 Webster	1922-1927	Webster Street Garage
	1939-1943	A.P. Ratto (gas station)
	1973	Phillips 66 Service Station
	1974-1976	No listing at this address
	1978-1987	Foreign Auto Specialist
	1981-1985	Jiffy Gas
1628 1/2 Webster	1973-1987	Johnny's Body Shop
	1985-1986	Affordable Rental Cars
1629 Webster	1967	Collin's Union Service Station[2]
	1969-1974	Mariani & Cardelli Union[2]
	1976-1978	L. Cardelli Union
	1979-1987	Webster Street Union
1701 Webster	1939	Louis Stefani (gas station)
	1941	Emil Vallerga (gas station)
	1943	P.D. Payne (gas station)
	1973-1983	Ben's TV Sales & Service
	1984	No listing at this address
	1985-1987	Devon's Home Center Stores
1705 Webster	1922-1925	J.H. Campe, fuel & feed dealer[1]
1707 Webster	1973-1986	No listing at this address
	1987	Quick as a Flash

1 City of Alameda Fire Department records.

2 Alameda Times-Star clippings file in the Oakland Public Library; Advertisements run by local businesses between 1967 and 1969.

TABLE 3-2 (continued)

DIRECTORY LISTING OF WEBSTER STREET BUSINESSES OPERATING WITHIN ONE BLOCK OF THE PROJECT SITE

Address	Years	Establishment
1711 Webster	1968	Quee's Alameda Family Billiards[2]
	1973-1976	House of Champions
	1978-1986	No listing at this address
	1987	Magic Video
1712 Webster	1922	H.E. Flindt, retail fuel & feed dealer
1713 Webster	1973-1981	No listing at this address
	1982	Colonel Lee's Barbeque
	1983-1984	Gimbal's
	1985-1987	Peking Duck House
1715 Webster	1926	Fred Ferraro, gas storage tank[1]
1716 Webster	1922-1927	Sunset Garage
	1926	Cohen Brothers (gas station)[1]
	1939-1941	Harold Morine (gas station)
	1955	General Petroleum Gas Station[1]
	1967-1985	Carson Mobil Service (gas station)[2]
	1986	No listing at this address
	1987	Westgate Auto Service Center
1720 Webster	1935	General Petroleum (gas station)[1]
1721 Webster	1973-1984	Good Chevrolet, Inc.
	1985-1987	Auto Tronics Car
1725 Webster	1927	G.E. Peacock, (gas station)
	1939	P.R. Hart, auto repair
1727 Webster	1926	George E. Peacock (gas station)[1]
	1973-1987	Kentucky Fried Chicken
1728 Webster	1943	Beverly Randall (gas station)
	1973-1977	No listing at this address
1801 Webster	1922-1927	Standard Oil (northeast corner of Webster &Buena Vista)
	1943	Standard Station
	1955	Standard Oil 1 (northeast corner of Webster & Buena Vista)
	1973-1987	Better Buy Liquors

1 City of Alameda Fire Department records.

2 Alameda Times-Star clippings file in the Oakland Public Library; Advertisements run by local businesses between 1967 and 1969.

TABLE 3-2 (continued)

DIRECTORY LISTING OF BUSINESSES OPERATING WITHIN ONE BLOCK OF THE PROJECT SITE

Address	Years	Establishment
1802 Webster	1921-1928	Standard Oil (gas station)[1]
	1939	Standard Station Inc.
	1946	Standard Oil Co.(gas station)[1]
	1953	General Petroleum[1] (SE corner Webster & Buena Vista)
	1978-1979	General Business Services
	1973-1987	Alameda Chevron Service
1821 Webster	1947?-1968	Grand Auto Stores[2]
	1973-1979	Front Room Restaurant
	1981-1985	Ducal Palace
	1986-1987	Johnny B. Goode's
Southwest corner of Webster & Eagle		
	1951	Auto Super Service Station (gas station)
	1954	Shell Oil (gas station)[1]
1825 Webster	1941-1943	Arthur Kapler (gas station)[1]
	1973	Midas Muffler Shop
	1973	Arts Super Service Station
	1974-1976	Discount Muffler Service
	1976	N A K U-Haul
	1978-1987	Alameda Discount Tire & Brake
	1978-1987	Oakland Tire & Service Center
1826 Webster	1973-1987	Jack in the Box Restaurant
1829 Webster	1973-1974	No listing at this address
	1978	Mad Dog Drilling
	1976-1986	Alameda Fence, Inc.
	1986	Central Maritime
	1986-1987	Public Storage Alameda
Pacific Avenue		
SF Bay n of Pac Ave	1915	Pacific Coast Borax Co (Mfr)
640 Pacific	1973	Residence
	1974-1981	Weert's Janitorial Service

1 City of Alameda Fire Department records.

2 Alameda Times-Star clippings file in the Oakland Public Library; Advertisements run by local businesses between 1967 and 1969.

TABLE 3-2 (continued)

DIRECTORY LISTING OF BUSINESSES OPERATING WITHIN ONE BLOCK OF THE PROJECT SITE

Address	Years	Establishment
647 Pacific	1973-1979	No listing at this address
	1981-1987	Bogart & Goring Sailmaker
649 Pacific	1973-1979	Courtesy Cleaners
	1981	No listing at this address
	1982-1987	Marine Divers Repair
	1982-1987	Heavy Duty Equipment
	1982-1987	Divers Exchange
651 Pacific	1973-1987	Tony's Body & Fender Works
647 Pacific	1973-1979	No listing at this address
	1981-1987	Bogart & Goring Sailmaker

1 City of Alameda Fire Department records.

2 Alameda Times-Star clippings file in the Oakland Public Library; Advertisements run by local businesses between 1967 and 1969.

SECTION 4
PHYSICAL INSPECTION

The purpose of this task was to look for visual evidence of environmental contamination. The physical inspection was focused on the site and the immediately adjacent property. The general appearance of the site was noted and the types of materials present on the site as well as the adjacent property were observed and are documented in this section. The inspection was performed by ERCE personnel on October 29, 1990. The following information represents the physical site conditions on that date.

4.1 PROJECT SITE

The Duffy Diner property consisted of a single building and an adjoining paved parking area located at the northeast corner of Webster Street and Pacific Avenue. Vehicle access to the property was from Webster Street and from Pacific Avenue. The front door of the diner faced southwest, toward the middle of the intersection of Webster Street and Pacific Avenue (Figure 4-1, Photograph 1). The site was generally flat. Offsite stormwater drainage appeared to be to the northwest, onto Webster Street. The total area occupied by the Duffy Diner, its parking lot, and associated grounds was approximately 0.3 acres.

The diner was a one-story building constructed of concrete blocks and wood (Figure 4-2, Photographs 2 and 3). An ordering counter was located at the front of the building, and behind the counter was the kitchen and a rest room. Seating areas were located around the inside perimeter of the building (to either side of the counter, and behind the kitchen) (Figure 4-3, Photograph 4). The ceiling of the diner was made of wood; flooring was painted concrete.

The parking area behind the diner was entirely paved with asphalt (Figure 4-4, Photographs 5 and 6). The asphalt appeared to be well-maintained. Directly behind the diner, some patches of relatively fresh asphalt were visible (Figure 4-5, Photograph 7). According to David Duffy, the owner of the diner who was interviewed during the ERCE onsite inspection, this patching was conducted to fill potholes that had resulted from general "wear and tear." The pavement also contained visible outlines of boreholes from soil sampling conducted in 1989 by J. Quarle and Associates. Locations of the boreholes roughly correlated with the sample locations shown on a boring location map included in J. Quarle Associates' report (J. Quarle and Associates, 1989).

Photograph 1. East-facing view of the site, Webster Street in foreground.

ERC
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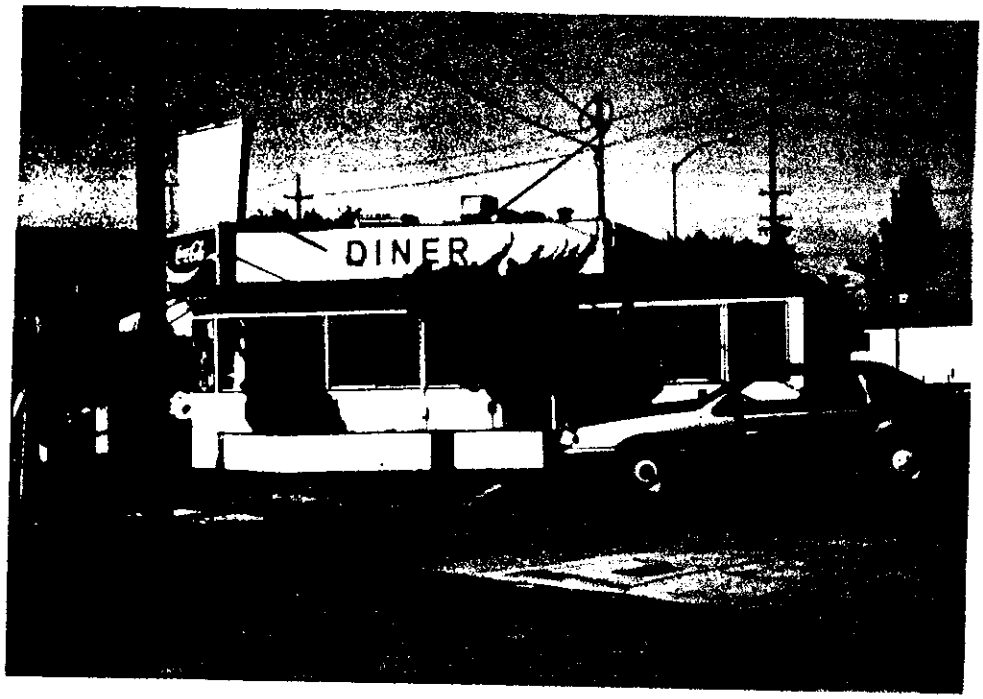
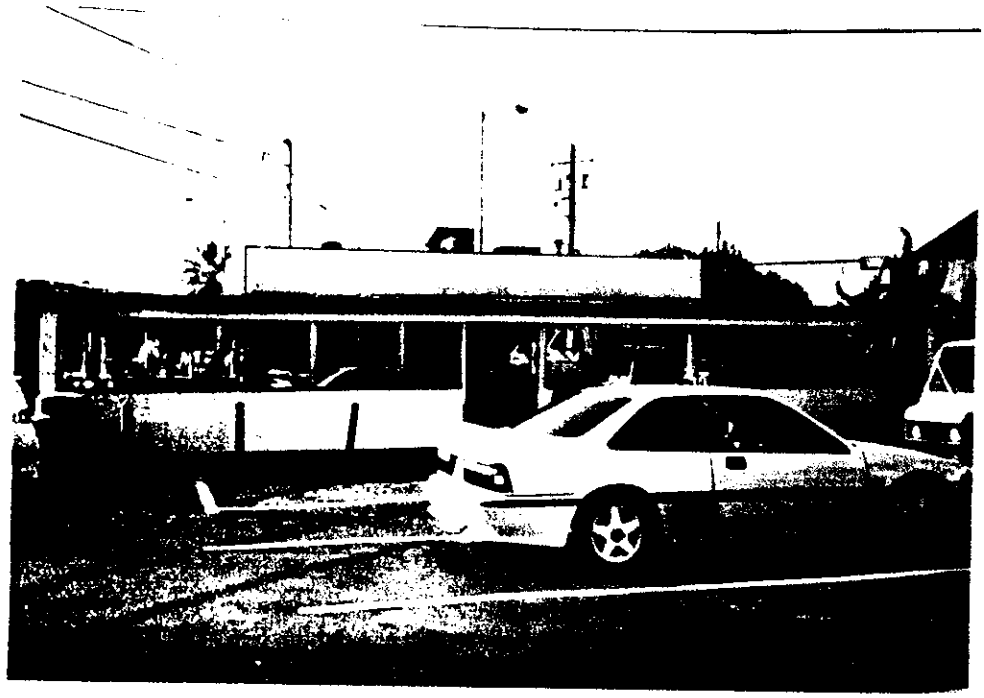
and Energy
Services Co.

Photograph 1

FIGURE
4-1



Photograph 2. Northwest view of the site, Pacific Avenue in foreground.

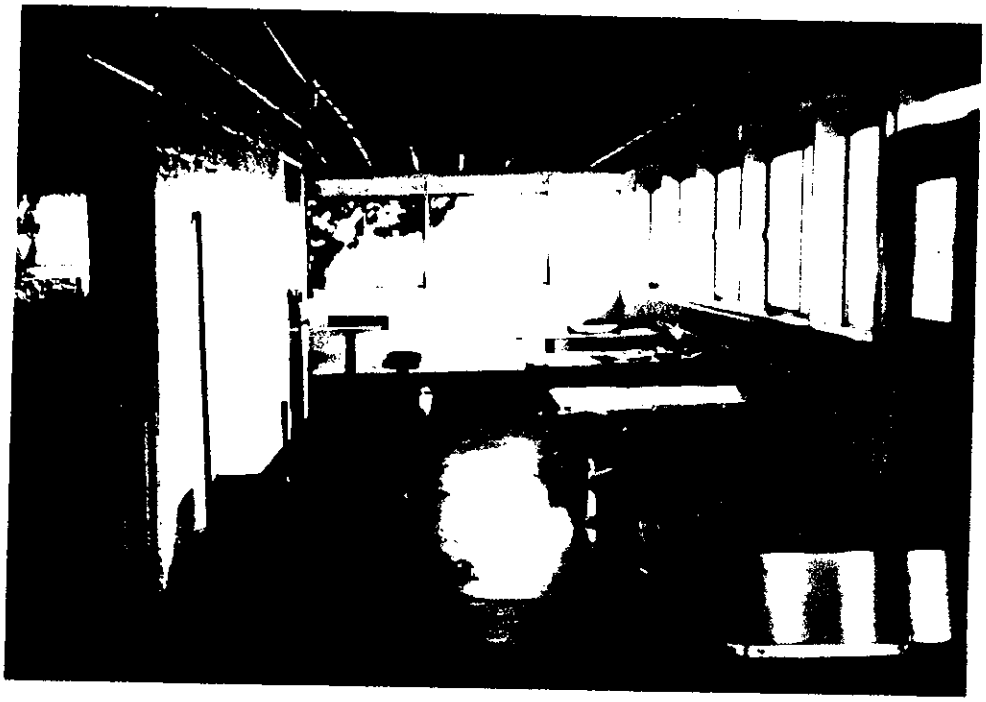


Photograph 3. View of rear entrance to the diner, facing Southwest.

ERC Environmental and Energy Services Co.

Photographs 2 and 3

FIGURE 4-2

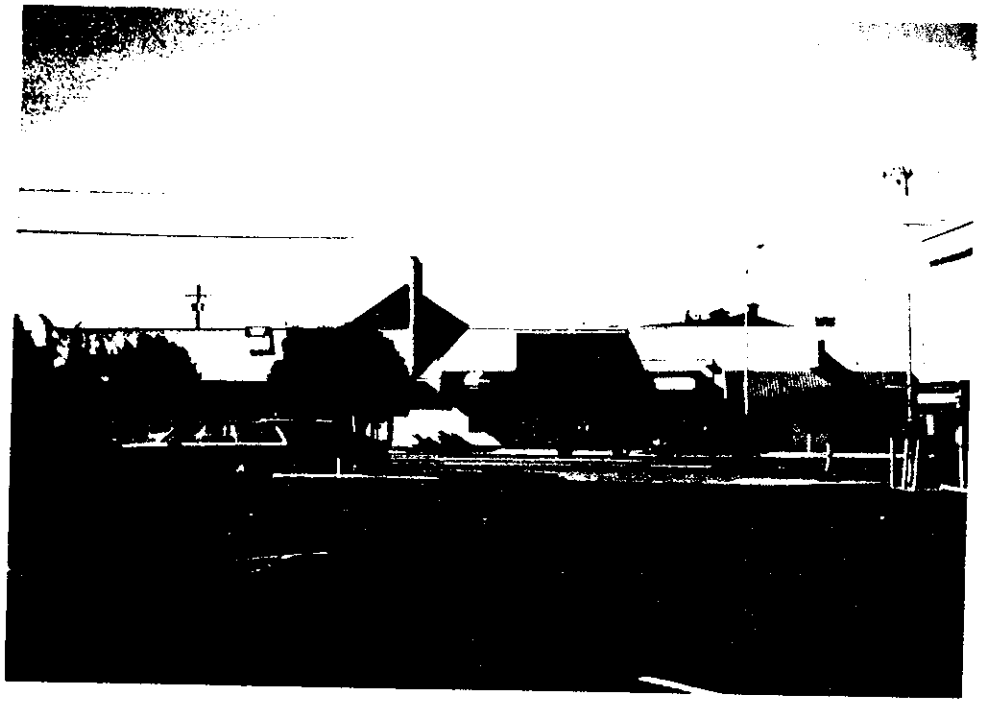


Photograph 4. Seating areas inside Duffy Diner.

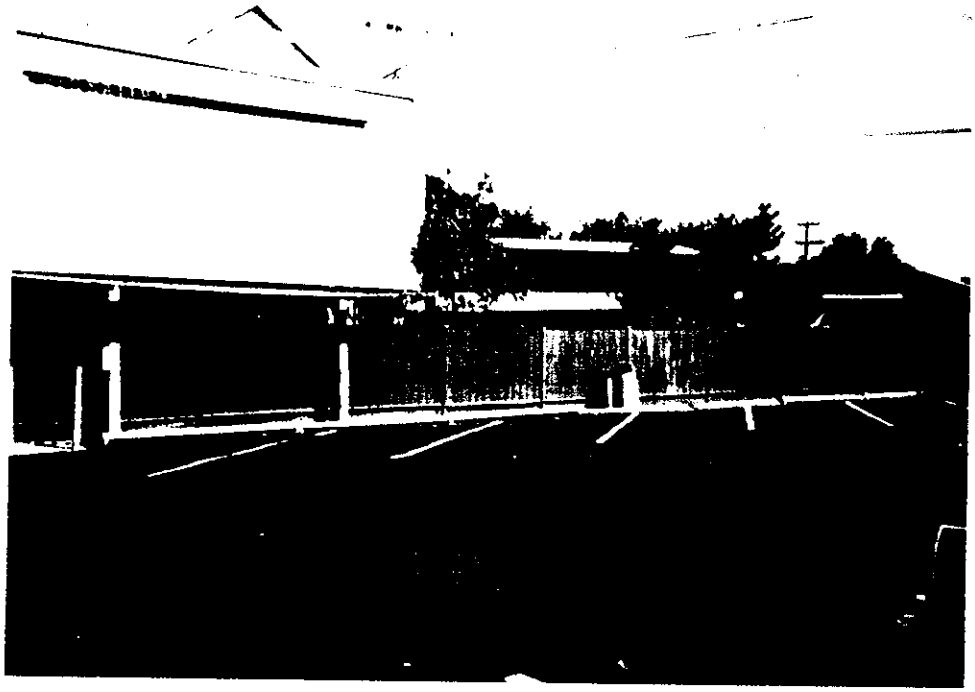
ERC
Environmental
and Energy
Services Co.

Photograph 4

FIGURE
4-3



Photograph 5. Parking lot behind diner, facing west.



Photograph 6. Northern edge of parking lot, facing northeast.

ERC Environmental and Energy Services Co.

Photographs 5 and 6

FIGURE 4-4

Photograph 7. Asphalt patching behind diner.

ERC
Environmental
and Energy
Services Co.

Photograph 7

FIGURE
4-5

In the northeastern corner of the property were two metal storage units, located side-by-side (Figure 4-6, Photograph 8). These units were approximately 8 feet high, 8 feet wide, and 15 feet long. The unit to the east contained a refrigerator and freezer, canned food, boxes of paper and plastic goods, and small quantities of household cleaners and chemicals (Figure 4-6, Photograph 9). The unit to the west was referred to by Mr. Duffy as "the junk shop." This unit contained a variety of objects including old equipment, a 5-gallon can of gasoline, a 5-gallon container of antifreeze, a compressed gas cylinder, a paint can, and several used fluorescent light ballasts (Figure 4-7, Photograph 10).

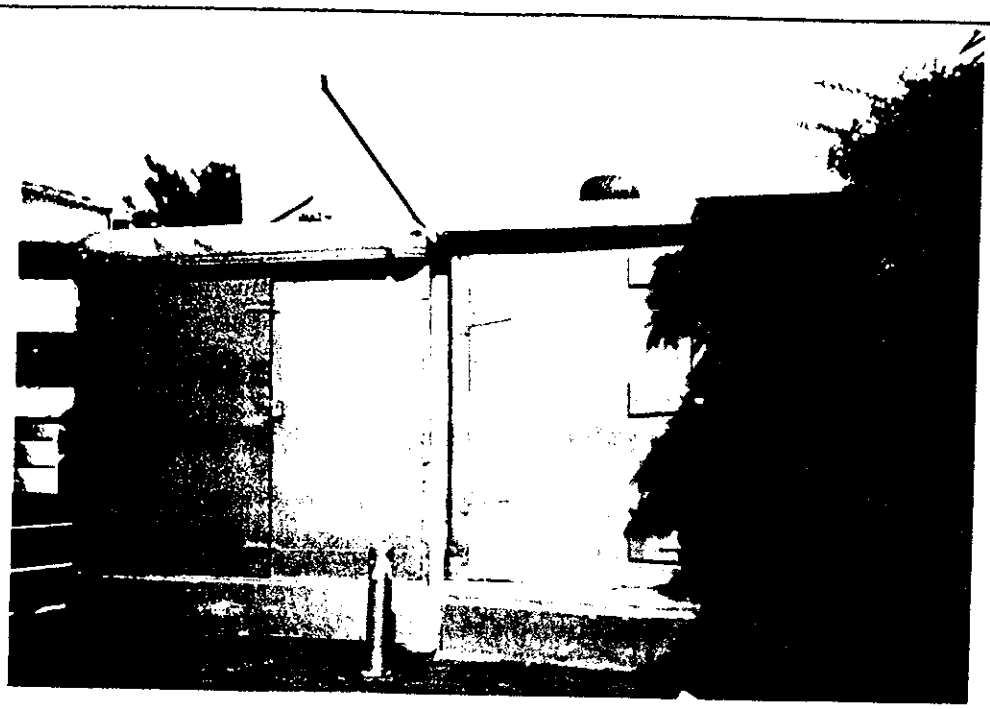
North of the storage units was an area enclosed by a wooden fence, which was used for storing garbage. Inside the fence was a municipal garbage dumpster and two 55-gallon drums. The drums contained used cooking oil and lard. The garbage storage area appeared to be in an orderly condition.

4.2 ADJACENT PROPERTIES

The Webster Street area was one of the main business districts in the City of Alameda. Properties along Webster Street consisted of commercial development, including office buildings, fast-food restaurants, small retail businesses and gasoline service stations. Directly east of the project site were private residences. A private residence and a British Petroleum (BP) service station were located north of the site along Webster Street. The BP Service Station was on the northernmost end of the block at the corner of Webster Street and Buena Vista Avenue.

Along Webster Street on the block immediately west of the site are the following businesses (starting from the southern edge of the block and going north to Buena Vista Avenue): a vacant office building, a film lab, a video store, a Chinese restaurant, an auto electronics store, and a Kentucky Fried Chicken restaurant. On the block immediately southwest of the site, across the intersection of Webster Street and Pacific Avenue were a Union 76 Service Station (Figure 4-7, Photograph 11), a Mexican Restaurant, and a Shell Service Station.

According to personnel at the City of Alameda Public Works Department, a former gasoline service station was located directly south of the project site across Pacific Avenue (Figure 4-8, Photographs 12 and 13). The service station structures have been removed and site



Photograph 8. Metal storage lockers behind diner, view to the North.

Photograph 9. Interior of storage locker containing food and paper goods.

ERC Environmental and Energy Services Co.

Photographs 8 and 9

FIGURE 4-6

Photograph 10. Interior of "junk shop" storage locker.

Photograph 11. Unocal Station (facing southwest).

ERC Environmental and Energy Services Co.

Photographs 10 and 11

FIGURE 4-7

Photograph 12. Former gasoline service station site.

Photograph 13. Service station site, across Pacific Avenue from diner.

ERC Environmental and Energy Services Co.

Photographs 12 and 13

FIGURE 4-8

was surrounded by a chain link fence. The site was dominated by piles of dirt and chunks of concrete, apparently left over from facility dismantling operations. Scraps of plastic sheeting were visible among the piles of dirt and there were hoses stretched along the crests of the dirt piles. The plastic sheeting and hoses may be indicative of dust suppression activities. According to the Alameda Fire Department, ground-water contamination has been detected on this site, and the County Health Department and Regional Water Quality Control Board are actively involved in site activities.

SECTION 5
REVIEW OF FEDERAL AND STATE LISTS OF KNOWN HAZARDOUS WASTE SITES

This section includes the results of a review of a number of federal and state lists of known hazardous waste sites. A copy of the *National Priorities List* (NPL), Final and Proposed Sites, with a validity date of October 1989 is included as Appendix B. Also reviewed was a copy of the State of California's *Hazardous Waste and/or Substance Sites List* (HWSSL) dated June 1989 was reviewed. Due to the volume of material provided with the State list, only a copy of the Alameda County listings has been included in this report. A copy of this portion is provided in Appendix C. The State Water Resources Control Board (SWRCB) prepares a report on releases of hazardous substances from underground storage tanks. This report was reviewed and the City of Alameda portion is included as Appendix D. Finally, a copy of the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) L.8-Site/Event Listings for the City of Alameda was requested from Region IX of the U.S. Environmental Protection Agency, but has not yet been received. A copy of the CERCLIS listing will be reviewed and included in ERCE's final report.

The purpose for review of these reports is to document the location of known or potential Federal and State Superfund sites, or other known hazardous waste sites within a one-mile radius of the subject site. This review will also serve to indicate the possibility that the subject property may become a "border zone property," which is defined as a site within 2,000 feet of a state-designated hazardous waste property.

The Federal NPL includes 61 final sites and 30 proposed sites in the state of California, none of which are located on the subject property or within a one-mile radius of the property. Inclusion on the NPL is determined by a site's score on the Hazard Ranking System (HRS), a numerical system designed to evaluate the relative risks a site poses to human health or the environment.

There is one state-reported site within one-half mile of the site with identified hazardous substance releases. This site is the Housing Authority located at 1916 Webster Street. This site was identified on both the SWRCB tank leak list and the HWSSL. According to the HWSSL, it had been determined that ground water at the site was contaminated with

gasoline, and at the time of publication of the HWSSL a site investigation was in progress. Ground-water extraction and treatment was also being performed.

SECTION 6
REGULATORY AGENCY REVIEW

The purpose of this task was to obtain information provided by federal, state or local regulatory agencies which would indicate the use or disposal of hazardous materials or wastes on or within approximately 0.5 miles of the property at 1700 Webster Street. Agencies contacted for information and access to available files for the project area included the following:

- Alameda County Department of Environmental Health, Hazardous Materials Division;
- Bay Area Air Quality Management District (BAAQMD);
- California Department of Health Services (State DHS), Toxic Substances Control Division;
- City of Alameda Fire Department;
- EPA, Office of Superfund Programs; and
- Regional Water Quality Control Board (RWQCB), San Francisco Bay Region.

The State DHS indicated that it had no records for businesses within the prescribed 0.5-mile radius of the project site. Responses were not received from the Alameda County Department of Environmental Health or the EPA within the time frame allowed for the preparation of this draft report, but this information will be included as available in the final report. Except where otherwise noted, the information reported below was obtained from the available RWQCB files for facilities with known contamination or hazardous substance releases within one-half mile of the site. Information on facilities within a 0.5-mile radius of the site that had either removed or installed an underground storage tank was obtained from the City of Alameda Fire Department. This information is provided in Table 6-1.

Information provided in both the Quarle report and City Fire Department records indicates that underground storage tanks have historically been removed and installed at 1700 Webster Street. In April 1930, a permit was issued to install three 550-gallon gasoline tanks 4 feet under the sidewalk. These tanks were reportedly separated by 12-inch concrete walls. In 1940, four underground gasoline tanks were reportedly installed onsite: three 1,000-gallon and one-550 gallon. In 1947, a permit was granted to remove a 300-gallon waste oil tank from the site, and a 550-gallon tank was installed in its place.

TABLE 6-1

ALAMEDA FIRE DEPARTMENT TANK PERMIT RECORDS FOR SITES WITHIN ONE HALF MILE OF DUFFY DINER

(All tanks are underground, unless otherwise noted.)

Site Address	Occupant Listed	Capacity (Gallons)	Contents	Permit/Installation Date	Additional Comments
768 Atlantic Avenue	Precision Machine Products	2,000	gasoline	permitted 4/20/51	
	Precision Machine Products	2,000	gasoline	permitted 4/20/51	
	Precision Machine Products	1,000	gasoline	permitted 4/20/51	
805 Buena Vista Avenue	not listed	280	gasoline	permitted 8/18/25	
	not listed	100	distillate	permitted 8/9/15	
400 Central Avenue	Leo Purcell	550	fuel oil	permitted 2/6/35	
451 Central Avenue	Max Dill	1,500	fuel oil	permitted 8/24/17	
600 Central Avenue	Alameda Park Company	550	gasoline	permitted 9/7/28	
600 Central Avenue	Neptune Beach Apartments	1,500	crude oil	permitted 3/3/26	
600 Central Avenue	Neptune Beach Park	1,500	crude oil	permitted 3/27/20	
617 Central Avenue	A. Jensen	1,500	fuel oil	permitted 12/26/28	
615 Central Avenue	Louis Graham	1,500	stove oil	permitted 9/6/28	
700 Central Avenue	Rotary Oil Burner Company	300	distillate	3/1/18	
714 Central Avenue	Neptune Beach Park Company	250	stove oil	not listed	
719 Central Avenue	W. Hambelton	1,500	fuel oil	permitted 10/29/28	
729 Central Avenue	J.M. Kinley	750	stove oil	permitted 12/10/30	
839 Central Avenue	W.K. Baehr	550	gasoline	permitted 9/2/27	
	W.K. Baehr	550	gasoline	permitted 9/2/27	
841 Central Avenue	Baum & Cornelia	550	gasoline	permitted 9/22/26	
	Baum & Cornelia	550	gasoline	permitted 9/22/26	
	Baum & Cornelia	550	gasoline	permitted 9/22/26	
845 Central Avenue	Texaco Service Station	4,000	gasoline	permitted 11/3/52	removed 10/10/69
900 Central Avenue	Western Oil Gas Co.	550	gasoline	installed in 1931	removed 1975
		550	gasoline	installed in 1931	removed 1975
		550	gasoline	installed in 1931	removed 1975
NW cor. Central and 9th St.	Texaco Service Station	1,000	gasoline	permitted 9/2/51	removed 10/10/69
NW cor. Central and 9th St.	Texaco Oil Company	1,000	gasoline	permitted 8/15/49	removed 10/10/69

TABLE 6-1 (CONTINUED)

ALAMEDA FIRE DEPARTMENT TANK PERMIT RECORDS
FOR SITES WITHIN ONE HALF MILE OF DUFFY DINER

(All tanks are underground, unless otherwise noted.)

Site Address	Occupant Listed	Capacity (Gallons)	Contents	Permit/Installation Date	Additional Information
NW cor. Central and 9th St.	Reliance Land Company	275	waste oil	date not obtained	
	Reliance Land Company	1,000	gasoline	date not obtained	
	Reliance Land Company	1,000	gasoline	date not obtained	
	Reliance Land Company	1,000	gasoline	date not obtained	
1440 Eighth St.	J. Hurley Co.	unspecified	crude oil	permitted 6/1/16	under sidewalk
Eighth St., North End	Alameda Belt Line RR	20,000*	stove oil	installed in 1942	
Eighth St., North End	Atchison, Topeka & Santa Fe	10,000*	fuel oil	installed 1927	
1620 Fifth Street	S.T. Johnson Co.	1,500	crude oil	installed in 1916	
Fifth St. betw. B. Vista, Eagle	Alameda Housing Authority	1,000	gasoline	date not obtained	new tank installed 1951
SW cor. Fourth & Central Street	Pan Pacific Development	4000*	gasoline	installed 1968	earthen dike tanks
	Pan Pacific Development	4000*	gasoline	installed 1968	
	Pan Pacific Development	4000*	gasoline	installed 1968	
510 Lincoln Avenue	E.O. Dryer	1,500	fuel oil	permitted 9/19/29	
627 Lincoln Avenue	E.O. Dryer	1,500	stove oil	permitted 4/2/29	
700 blk. Lincoln Avenue	Mr. Pimm	1,500	stove oil	permitted 11/14/30	tank under sidewalk
736 Lincoln Avenue	apartment house	2,400	fuel oil	permitted 4/1/29	
900 Lincoln Avenue	not listed	550	gasoline	installed in 1934	three 550 gallon tanks
1842 Nason Street	Modern Oil Burner Co.	500	diesel oil	installed in 1936	
441 Pacific Avenue	L. Sobero & Co.	120	gasoline	installed in 1925	
500 Pacific Avenue	Board of Education	2,278	fuel oil	installed in 1941	
635 Pacific Avenue	Alameda Fire Sta. #2	280	gasoline	installed 1974	permit from BAAQMD
706 Pacific Avenue	Cook Oil Co.	550	diesel oil	installed in 1936	
841 Pacific Avenue	Earl Clifford	120	gasoline	installed 1929	
845 Pacific Avenue	Ben Kopf	585	stove oil	installed 9/26/28	
	Ben Kopf	120	gasoline	installed 1926	
624 Santa Clara Avenue	Justice Norris	1,500	fuel oil	permitted 7/2/18	tank under sidewalk
638 Santa Clara Avenue	Cpt. J. Ramselius	160	fuel oil	permitted 10/17/23	

* denotes above-ground tank.

TABLE 6-1 (CONTINUED)

ALAMEDA FIRE DEPARTMENT TANK PERMIT RECORDS FOR SITES WITHIN ONE HALF MILE OF DUFFY DINER

(All tanks are underground, unless otherwise noted.)

Site Address	Occupant Listed	Capacity (Gallons)	Contents	Permit/Installation Date	Additional Information
701 Santa Clara Avenue	Western Dairy Co.	250	crude oil	permitted 5/6/22	
709 Santa Clara Avenue	Alameda Dairy Co.	550	gasoline	permitted 9/14/39	
712 Santa Clara Avenue	L.D. Frazer	1,500	fuel oil	permitted 6/11/17	
716 Santa Clara Avenue	J. Bercovich	1,500	fuel oil	permitted 11/10/28	
743 Santa Clara Avenue	S. Theobald	1,500	fuel oil	permitted 6/30/28	
901 Santa Clara Avenue	A.W. Clark Jr. Co.	1,000	gasoline	permitted 12/10/40	removed 6/13/69
	A.W. Clark Jr. Co.	1,000	gasoline	permitted 12/10/40	removed 6/13/69
	A.W. Clark Jr. Co.	550	gasoline	permitted 12/10/40	removed 6/13/69
	A.W. Clark Jr. Co.	120	gasoline	permitted 12/10/40	removed 6/13/69
940 Santa Clara Avenue	Frederic Henry	250	stove oil	permitted 5/12/32	
757 S. Central Avenue	E. Frank Jones	1,500	fuel oil	permitted 6/30/28	
1431 Sixth Street	George Schuster	1,500	stove oil	permitted 7/30/26	
1440 Sixth Street	George Carpenter (apt. hse.)	700	fuel oil	permitted 9/16/29	
460 Taylor Avenue	A.V. Hougard	250	fuel oil	installed 1929	
535 Taylor Avenue	Geo. Gerl	1,500	fuel oil	installed 1928	
1428 Webster Street	Associated Oil Co.	300	waste oil	permitted 8/25/43	
	Associated Oil Co.	500	gasoline	permitted 8/25/43	
	Associated Oil Co.	500	gasoline	permitted 10/23/22	
	Associated Oil Co.	500	gasoline	permitted 10/23/22	
	Associated Oil Co.	500	gasoline	permitted 10/23/22	
1500 Webster Street	Alameda Dairy Co.	1,000	gasoline	date not listed	
	Alameda Dairy Co.	280	gasoline	date not listed	
1527 Webster Street	not listed	65	gasoline	permitted 8/21/13	
1528 Webster Street	Citizen's National Bank	500	distillate	permitted 11/22/16	
1535 Webster Street	Sam Skelly	65	benzine	permitted 8/16/13	
1621 Webster Street	C.H. Hart	550	gasoline	permitted 3/12/25	
1624 Webster Street	Bott's garage	300	gasoline	permitted 6/9/14	

TABLE 6-1 (CONTINUED)

ALAMEDA FIRE DEPARTMENT TANK PERMIT RECORDS
FOR SITES WITHIN ONE HALF MILE OF DUFFY DINER

(All tanks are underground, unless otherwise noted.)

Site Address	Occupant Listed	Capacity (Gallons)	Contents	Permit/Installation Date	Additional Information
1629 Webster Street	not listed	1,000	gasoline	installed 1930	no record of removal
		500	gasoline	installed 1930	no record of removal
1702 Webster Street	Shell Oil Co.	1,000	gasoline	installed 1949	
1702 Webster Street	Gale and Hubbard	290	gasoline	permitted 3/1/35	
1705 Webster Street	J.H. Campe	100	gasoline	permitted 8/10/15	
1715 Webster Street	Fred Ferraro	120	gasoline	permitted 8/28/25	
1716 Webster Street	Mobil Oil Co.	280	gasoline	permitted 5/21/26	
	Mobil Oil Co.	4,000	gasoline	permitted 4/13/67	
1716 Webster Streett	General Petroleum Gas Sta.	unspecified	waste oil	date not listed	removed 4/13/87
	General Petroleum Gas Sta.	6,000	gasoline	permitted 8/10/55	
1716-18 Webster Street	Cohen Bros.	4,000	gasoline	permitted 8/10/55	
1720 Webster Street	General Petroleum Corp.	280	gasoline	permitted 12/20/26	
1727 Webster Street	Geo. E. Peacock (service sta.)	2,200	gasoline	permitted 6/10/35	
	Geo. E. Peacock (service sta.)	550	gasoline	permitted 4/30/26	
1802 Webster Street	Standard Oil	550	gasoline	permitted 4/30/26	
	Standard Oil	10,000	gasoline	permitted 2/24/70	
	Standard Oil	10,000	gasoline	permitted 2/24/70	
	Standard Oil	5,000	gasoline	permitted 2/24/70	
	Standard Oil	1,000	waste oil	permitted 2/24/70	
	Standard Oil	7,500	gasoline	date not listed	
	Standard Oil	7,000	gasoline	date not listed	
	Standard Oil	1,000	gasoline	date not listed	
	Standard Oil	7,500	gasoline	permitted 3/23/55	
	Standard Oil	285	waste oil	permitted 10/19/46	
	Standard Oil	1,000	gasoline	permitted 4/15/31	
	Standard Oil	1,000	gasoline	permitted 4/15/31	
	Standard Oil	1,000	gasoline	permitted 11/19/28	
	Standard Oil	1,000	gasoline	permitted 11/19/28	
	Standard Oil	unspecified	not listed	permitted 3/9/21	4 tanks

TABLE 6-1 (CONTINUED)

ALAMEDA FIRE DEPARTMENT TANK PERMIT RECORDS
FOR SITES WITHIN ONE HALF MILE OF DUFFY DINER

(All tanks are underground, unless otherwise noted.)

Site Address	Occupant Listed	Capacity (Gallons)	Contents	Permit/Installation Date	Additional Comments
1825 Webster Street	Midas Muffler	4,000	gasoline	date not listed	removed 4/28/71
	Midas Muffler	4,000	gasoline	date not listed	removed 4/28/71
	Midas Muffler	4,000	gasoline	date not listed	removed 4/28/71
	Midas Muffler	500	waste oil	date not listed	removed 4/28/71
1900 Webster Street	None Given	8,000	not specified	permitted 1967	removed 1974
		6,000	not specified	permitted 1967	removed 1974
		2,000	not specified	date not listed	removed 1974
		2,000	not specified	date not listed	removed 1974
		4,000	not specified	date not listed	
		550	gasoline	permitted 1928	removed; date not listed
		550	gasoline	permitted 1928	removed; date not listed
		500	gasoline	permitted 1933	removed; date not listed
		1,000	gasoline	permitted 1941	removed; date not listed
1901 Webster Street	Gulf Service Station	10,000	gasoline	permitted 6/27/68	
		10,000	gasoline	permitted 6/27/68	
		10,000	gasoline	permitted 6/27/68	
		280	waste oil	permitted 6/27/68	
		6,000	gasoline	permitted 2/24/54	
		6,000	gasoline	permitted 2/24/54	
		550	waste oil	permitted 2/24/54	
		1,000	gasoline	permitted 2/24/54	
		1,000	gasoline	permitted 2/24/54	
		1,000	gasoline	permitted 2/24/54	
		1,000	gasoline	permitted 2/24/54	
		2,000	gasoline	permitted 1952	
		2,000	gasoline	permitted 1952	
		550	waste oil	permitted 1952	
		550	not specified	date not listed	removed 1952
		550	not specified	date not listed	removed 1952

TABLE 6-1 (CONTINUED)

ALAMEDA FIRE DEPARTMENT TANK PERMIT RECORDS FOR SITES WITHIN ONE HALF MILE OF DUFFY DINER

(All tanks are underground, unless otherwise noted.)

Site Address	Occupant Listed	Capacity (Gallons)	Contents	Permit/Installation Date	Additional Comments
1901 Webster (continued)	Gulf Service Station	550	not specified	date not listed	removed 1952
		1,000	gasoline	permitted 1948	no record of removal
		1,000	not specified	permitted 1942	no record of removal
		1,000	not specified	permitted 1942	no record of removal
		1,000	not specified	permitted 1942	no record of removal
		1,000	not specified	permitted 1942	no record of removal
		500	not specified	permitted 1936	no record of removal
		285	not specified	permitted 1929	no record of removal
SE cor. Webster & B. Vista	General Petroleum	2,000	gasoline	permitted 10/14/53	
SW Cor. Webster & Eagle	Shell Oil	4,000	gasoline	permitted 3/10/54	removed 4/28/71
	Shell Oil	4,000	gasoline	permitted 3/10/54	removed 4/28/71
	Shell Oil	4,000	gasoline	permitted 3/10/54	removed 4/28/71
	Shell Oil	1,000	gasoline	date not listed	
	Shell Oil	1,000	gasoline	date not listed	
	Shell Oil	1,000	gasoline	date not listed	
	Art's Super Service Station	1,000	gasoline	9/24/51	
1825 Webster Street	Arthur Kapler (service sta.)	3,000	gasoline	permitted 11/19/41	
1916 Webster Street	Skippy Peanut Butter	550	gasoline	permitted 9/12/56	

City Fire Department records also indicate that two underground tanks were installed at 1702 Webster Street, which is included in the northern end of the Duffy Diner parcel. In August 1915, when the property was occupied by Gale and Hubbard, a 100-gallon gasoline tank was installed at the site. In March 1935, a permit was issued to Shell Oil Company to install a 290-gallon gasoline tank at the site. No further information was available to indicate whether any of the tanks at 1700 and 1702 Webster were removed, although Alameda County Building Department permits reveal that the gas station was demolished in 1953.

901 Lincoln Avenue - Alameda Cellers

This facility, which is situated southeast of the project site, has had three underground storage tanks removed. Two 10,000-gallon gasoline tanks and one 2,000-gallon diesel tank were removed from this site in 1989. At the time, the 2,000 gallon single-walled steel tank was removed, and soil samples were collected from the tank excavation pit. No rusting, pitting or holes were noted in the tank at the time of removal. The backfill material and the soil underlying the tank did not have any hydrocarbon odor or visible staining.

One 10,000-gallon gasoline tank was located at the eastern side of the 2,000-gallon tank. It was a single-walled steel tank surrounded by a mostly intact tar wrap. No rusting, pitting or holes were noted in the tank at the time of removal. A moderate hydrocarbon odor was noted in the backfill material near one end of the tank.

The second 10,000-gallon gasoline tank was also of single-wall steel construction. No rusting, pitting or holes were noted in this tank, but a moderate hydrocarbon odor was noted in the soil underlying one end of the tank.

Soil samples collected from under the 2,000-gallon diesel tank were analyzed for total petroleum hydrocarbons (TPH), oil and grease, and benzene, toluene, xylenes and ethylebenzene (BTX&E). Samples were found to contain TPH in the following concentrations: 63 parts per million (ppm), 540 ppm and 710 ppm. Oil and grease was also detected in one sample at 960 ppm. Benzene was detected at concentrations ranging from 0.2 to 6.3 ppm, and toluene was detected at concentrations ranging from 0.2 to 36 ppm. Xylenes were detected at slightly higher concentrations ranging from 0.2 to 100 ppm, while ethylbenzene concentrations were detected at levels of 0.1 to 13 ppm.

1601 Webster Street - Shell Service Station

This facility, located at the intersection of Webster Street and Lincoln Avenue approximately one block south of the project site, was included on the RWQCB's Leaking Underground Storage Tank List and the North Bay Toxics List. However, the only information available on the site at the time of review indicated that ground water samples taken in September 1987 near an underground waste oil tank contained acetone at a maximum concentration of 120 parts per billion (ppb).

1628 Webster Street - Pacific Properties

At this facility, located approximately one-half block south of the project site, contamination of subsurface soils was detected during removal of an underground waste oil tank (capacity unspecified) in June 1989. According to a June 30, 1989 letter from the Alameda County Department of Environmental Health to Pacific Properties, soil samples were collected from the bottom of the tank excavation and analyzed for TPH as diesel and total oil and grease. TPH was detected in samples from the fill end of the tank at a maximum concentration of 270 ppm, and oil and grease were also detected in these samples at a maximum concentration of 760 ppm.

A work plan for the site submitted to the County Department of Environmental Health in August 1989 indicated that the onsite waste oil tank would be removed and three soil borings would be conducted adjacent to the tank excavation. Piezometers were to be installed in these borings to determine the hydraulic gradient, and a monitoring well would ultimately be installed downgradient of the tank location. No information was included in RWQCB files on the results of the planned site investigation. A follow-up letter from the County Department of Environmental Health to Pacific Properties dated May 1990 (the most current document located in the files) approved the plan for collecting "confirmatory samples" and indicated that the onsite excavation could be backfilled.

1916 Webster Street - Housing Authority, City of Alameda

In July 1986, a 280-gallon underground fuel tank was removed from this site, which is located approximately two blocks north of the Duffy Diner. Although the tank had not been in use for ten years, it was found to contain a mixture of water and leaded gasoline at the time of removal. The tank was pumped dry and removed from the site. Visual

inspection of the tank did not reveal a possible source of leaks, although soils adjacent to the tank location were noted to be saturated with tank product.

Two soil samples were collected at the time of the tank removal; one from the accumulated pile of excavated soil, and one from the bottom of the tank excavation. These samples were analyzed for motor fuels, and results revealed concentrations of 3,420 ppm (in the excavated soil sample) and 2,060 ppm (in the excavation pit sample). All excavated soils were spread over the site's parking lot in an attempt to remediate the soil contamination by aeration.

In August, four additional soil samples were collected along the perimeter of the enlarged excavation and analyzed for total hydrocarbons. Hydrocarbons were detected in all samples, at concentrations ranging from 4,200 to 5,000 ppm. Samples were collected at a maximum distance of 25 feet to the east of the tank and at depths of up to 6 feet below ground surface.

A subsequent phase of investigation involved the installation of seven onsite soil borings and three onsite monitoring wells placed in concentric arcs about the original tank location. Soil and ground-water samples collected during this investigation were analyzed for total hydrocarbons. Soil samples contained hydrocarbon concentrations ranging from 0.7 to 28 ppm; detected concentrations in ground-water samples ranged from 0.29 to 37 ppm. According to RWQCB files, the highest concentrations of hydrocarbons in soils were detected at depths of two feet. Ground-water contamination appeared in samples from the well located at a maximum distance of 80 feet downgradient from the tank.

In September, thirty-five cubic yards of contaminated soils were excavated in the vicinity of the soil boring in which the highest hydrocarbon concentrations had been detected. Samples were taken on the periphery of the newly excavated area, and were analyzed for TPH (as gasoline) and BTX&E. Laboratory results revealed a total hydrocarbon concentration of 3,700 ppm in the sample taken from the northern end of the excavation. This sample also contained benzene at 28 ppm, toluene at 260 ppm, and xylene at 360 ppm. Discussions with the RWQCB lead to the conclusions that continued excavation in the vicinity of this sample would be cost prohibitive; that the transfer of contaminants from soil to ground water probably peaked ten years ago when the tank was last used; and that use of soil remediation techniques other than aeration would provide little benefit in relation to their costs. Based on these conclusions and lack of significant ground water use in the

area, the RWQCB decided that soil remediation could be concluded and the excavation could be backfilled, upon receipt of analytical data indicating the soil aeration was successful.

With the RWQCB's approval, backfill operations were initiated on October 8, 1986. Due to the high water table in the area (5 feet below grade), the excavation had to be dewatered to obtain a reasonable degree of compaction. Final compaction was completed on October 15 and the site was scheduled for paving on October 17.

SECTION 7
FINDINGS AND RECOMMENDATIONS

7.1 FINDINGS

This section presents ERCE's preliminary findings based on the investigative tasks described in Section 1.

The results of the historical land use study revealed that land use within the project site has been primarily retail/commercial. The earliest known use of the project site was a gasoline and service station in 1915. Until 1953, the site continued to be used by a series of automotive service businesses including gas stations, auto repair shops, a tire retail shop, and a battery service center. In 1935, Shell Oil Company owned and operated a gas station at the site.

In 1953, the existing structures were demolished and a concrete block structure was built on the site. This facility was occupied by a chain hotdog and hamburger stand known as Doggie Diner. The Doggie Diner operated at this location in its original structure until 1987. When the local Doggie Diner chain went out of business, the business was sold and is currently operated under the name Duffy Diner.

Physical inspection of the project site revealed that the property consisted of a single building and an adjoining paved parking area. The diner was a one-story structure constructed of concrete blocks and wooden facings. The interior of the diner consisted of an ordering counter, kitchen, seating areas and a rest room. The parking area was paved in asphalt, which appeared to be well-maintained. Recent patching of the asphalt directly behind the diner (to the north of the building) was apparently conducted to fill potholes resulting from general "wear and tear." The pavement also contained visible evidence of the boreholes which were drilled during the J. Quarle Associates' site investigation.

In the northeastern corner of the property there were two ventilated metal storage units approximately 8 feet high, 8 feet wide, and 15 feet long. The east unit contained a refrigerator and freezer, paper and canned goods, and small quantities of household cleaners. The west unit contained a variety of equipment, small quantities of gasoline, paint, antifreeze, and several used fluorescent light ballasts. North of these storage units

was a fenced area containing a debris dumpster and two 55-gallon drums containing used cooking oil and lard.

Directly north and east of the project site were private residences. Farther north of the site at the southeastern corner of Webster Street and Buena Vista Avenue was a British Petroleum service station. Current adjacent land uses along Webster Street included office buildings, fast-food restaurants, small retail businesses, and gasoline service stations.

There is one state-reported site within one-half mile of the site with an identified hazardous substance release. This site is the City of Alameda Housing Authority at 1916 Webster Street, which has known ground-water contamination resulting from a release of leaded gasoline from an onsite underground storage tank. Site investigation and remediation were in progress at the time of publication of the State of California's *Hazardous Waste and/or Substances Sites List* in June 1989.

Records at the City of Alameda Fire Department revealed that since 1913 at least 117 tanks have been permitted at businesses within a one-half mile radius of the project site. Information provided in both the Quarle report and City Fire Department records indicates that underground storage tanks have historically been removed and installed at 1700 Webster Street. In April 1930, a permit was issued to install three 550-gallon gasoline tanks 4 feet under the sidewalk. These tanks were reportedly separated by 12-inch concrete walls. In 1940, four underground gasoline tanks were reportedly installed onsite: three 1,000-gallon and one 550-gallon. In 1947, a permit was granted to remove a 300-gallon waste oil tank from the site, and a 550-gallon tank was installed in its place.

City Fire Department records also indicate that permits were granted for two underground tanks at 1702 Webster Street, which is included within the project site boundaries. One gasoline tank was installed in 1915 when the property was used by the Gale and Hubbard gasoline service station. The second permit was issued to Shell Oil Company in 1935 for a 290-gallon gasoline tank.

Regulatory file information from the RWQCB indicated that four facilities within a 0.5-mile radius of the site have been identified as having releases of hazardous substances. A summary of the information obtained from the RWQCB is provided in Table 7-1.

TABLE 7-1
REGULATORY FILE INFORMATION SUMMARY
SITES WITHIN ONE HALF MILE OF PROJECT SITE

Address	Tenant	Site Information
901 Lincoln Avenue	Alameda Cellers	Three underground tanks removed from the site: one 2,0000 gallon diesel, and two 10,000 gallon gasoline. Soil samples from the tank excavations revealed concentrations of TPH, oil and grease, and BTX&E.
1601 Webster Street	Shell Service Station	Ground-water samples collected in September 1987 near an underground waste oil tank contained acetone at a maximum concentration of 120 ppb.
1628 Webster Street	Pacific Properties	One underground waste oil tank removed in June 1989. Soil samples from excavation revealed concentrations of TPH (as diesel) and oil and grease. Piezometers and a downgradient monitoring well were to be installed. Soil and groundwater remediation onsite.
1916 Webster Street	Housing Authority, City of Alameda	One 550-gallon underground gasoline storage tank reportedly leaked product in July 1986. Soil samples from tank vicinity revealed elevated levels of TPH and BTX&E. Ground-water samples also contained contaminants above action levels. Hydraulic gradient was established to be to the north/northeast.

In addition, the City of Alameda Fire Department indicated that the property located at the southeast corner of Pacific Avenue and Webster Street was a former gas station that is currently undergoing a ground-water contamination investigation.

7.2 RECOMMENDATIONS

Based on ERCE's Phase I hazardous materials site assessment of the Duffy Diner property, the following recommendations should be considered:

- Conduct a geophysical survey of the property (including the sidewalk) to delineate and document the surface trace of suspected underground storage tanks and any other underground obstructions at the site using magnetics and ground-penetrating radar (GPR). The magnetics data will identify suspect targets and these anomalies will be further characterized using GPR.

- Conduct soil borings in the vicinity of the identified tank locations. Two angle borings should be located under the tank area by the diner, two in the vicinity of the anomalies detected in the earlier investigation, and two in the tank locations as determined by the geophysical survey.

- Collect three samples from each boring and analyze for modified 8015, TPH, BTX&E, and organic lead.

- If soil samples collected during drilling indicate the presence of contamination near the water table, a ground-water contamination investigation should be initiated. The specific parameters for which ground-water samples will be analyzed will depend upon the type of soil contamination encountered.

- All underground tanks identified during the geophysical survey should be removed according to California and Alameda County regulatory requirements and policies.

SECTION 8
REFERENCES AND RESOURCES

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Polk, R.L. and Company. 1915, 1922, 1927, 1939, 1941, 1943. Directories for the City of Oakland including Alameda and Berkeley.

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WAC Corporation. Aerial photographs dated 1984, 1988, 1989.

White, Gerald T. 1962. Formative Years in the Far West: A History of Standard Oil Company of California and Predecessors Through 1919. New York: Appleton-Century-Crofts.

SECTION 9
LIMITATIONS

The data presented in this report are intended for use in the course of a Phase I hazardous materials site assessment. The data cited herein should not be used for other than this intended purpose. Furthermore, ERCE's conclusions and recommendations are based solely on these data. A portion of the data presented in this report has been obtained from various regulatory agencies and the agencies' documented public information and from historic business directories. ERCE cannot be held accountable for the accuracy of the data obtained from these sources and any discrepancies between the data presented in these sources. In addition, the locations of businesses and facilities presented in this report are approximate; exact locations could not always be confirmed because addresses changed frequently over the years.

Changes in the condition of the project site may occur with time due to either natural processes or human activities. The data presented in this report represent existing site conditions on October 29, 1990. This investigation was carried out using the degree of care and skill ordinarily exercised under similar circumstances by qualified professionals; no further warranty is made.

APPENDIX A

DIRECTORY LISTINGS FOR ADJACENT PROPERTIES

APPENDIX A
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
WEBSTER STREET		
1417 Webster	1967-1987	Anthony Cleaners[2]
1419 Webster	1967-1974	Mary Alice Style Center[2]
	1976-1978	Adorn Beauty Salon
	1979	Shampoo West
	1981-1987	Hair Tenders
1420 Webster	1941-1943	J.H. Thomas gas & oil service station
	1973-1978	No listing.
1422 Webster	1939	J.H. Thomas gas & oil service station
1423 Webster	1973-1984	Kitterman's Paint & Wallpaper
	1985-1987	C&D Sales and Service
	1985-1987	Rug Doctor Rents
1427 Webster	1968-1984	C&D Sales and Service[2]
	1978-1984	Rug Doctor Rents
	1985-1986	No listing at this address.
	1987	Super Burrito
1428 Webster	1943	Associated Oil Co. (service station)[1]
1431 Webster	1973-1974	Martin's Liquor Store
	1976-1987	Santos Liquor Store
1432 Webster	1960-1967	Kitterman's Home Decorating Ctr[2]
	1973-1974	The Robin Hood
	1976-1978	Elegant Dog
	1979-1987	Nation's Giant Hamburger
1434 Webster	1973-1974	Los Compadres
	1976-1982	No listing at this address.
	1983	The Grand Sandwich
1435 Webster	1973-1984	Douglas Econo Station
	1985	Olympian Oil Co / Olympic Oil
	1986	Car Savers Alameda
	1987	Jiffy Lube

[1]City of Alameda Fire Department underground storage tank list

[2]Alameda Times-Star clippings file in the Oakland Public Library; advertisements run by local businesses between 1967 and 1969.

APPENDIX A (continued)

DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
1436 Webster	1973	No listing at this address.
	1974-1982	Chris (business)
	1983-1986	Rap's Bar
	1987	The Exchange Bar
1440 Webster	unknown date	Fox Markets[2]
	1969-1987	Grand Auto Alameda[2]
1442 Webster	1973-1984	No listing at this address.
	1985-1987	Wells Fargo Alameda West
1445 Webster	1979-1987	Ships Medical Supplies
	1973-1987	Stiers Pharmacy
1449 Webster	1973-1987	Pat's Shoe Repair Shop
1451 Webster	1973-1974	Leonard's Shoes
	1976-1986	Burr's Gift Shop
	1987	Alameda Video Station
1453A Webster	1973-1987	The Fireside Lounge
1457 Webster	1943	L.B. Williams (pressers & cleaners)
	1973-1978	No listing at this address.
1465 Webster	1973-1987	The Sizzler Restaurant
1500 Webster	1939	Alameda Dairy Company
	1973-1987	Tillie's Tempting Foods
1501 Webster	1973-1985	Alameda Paint & Wallpaper
	1985	Hobbies Plus
	1986-1987	Tapes Unlimited
	1987	Alameda Office Supplies
1502 Webster	1973-1979	No listing at this address.
	1981-1987	Millie's Hideaway
1503 Webster	1973-1974	Leuck Realty Alameda
	1973-1976	Traver & Simmons
	1978	Red Simmons Realty
	1974-1987	State Farm Insurance Alameda
1504 Webster	1973-1987	Island Jewelers

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
1505 Webster	1973-1979	Dr. Dolores Weldon, DC
	1973-1979	Dr. Harry Weldon, DC
	1973-1984	Theodore Berry, Atty
	1974	Hello Dolly Doll Boutique
	1976	John Raymond
	1978-1984	James Fonda, Atty
	1981-1983	Dr. J.J. Douglas, DC
	1984	Dr. R. Richman, DC
	1985	Touch of Health (chiropractor)
	1986-1987	Alameda Holistic Center
1506 Webster	1973-1974	Sunbright Launderette
1507 Webster	1967	Family Shoe Store[2]
	1973-1987	Seelenbacher Jewelers
1508 Webster	1973-1981	Webster Electric Co.
	1982	No listing at this address.
	1983-1985	Gourmet Deli
	1986	No listing at this address.
	1987	The Thin Man String Co.
1509 Webster	1969-1976	Walton's Floor Covering[2]
	1976	Walton's Carpet Cleaning
	1978-1979	Bob's Used Furniture
	1981-1986	Alameda Office Supply
	1981-1985	Tapes Unlimited, Inc
1509 1/2 Webster	1986	KJAZ (radio station)
1510 Webster	1973-1974	The Photographer
	1976-1987	Record Gallery
1511 Webster	1973-1981	Leonard's Women's Apparel
	1982	No listing at this address.
	1983-1987	Kapok Restaurant
1512 Webster	1973-1984	Academy of Dance
	1985-1986	No listing at this address.
	1987	Park Street Design
1513 Webster	1973-1987	H&R Block, Inc.
	1983-1984	Hyatt Legal Service

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
1514 Webster	1973-1974	Residence
	1976	Webster Rare Coins
	1979-1982	Tri County Guns
	1978-1982	Webster Street Coin
	1983	No listing at this address.
	1984-1987	S&N Sub Sandwich
1515 Webster	1967	H&R Block[2]
	1973-1979	No listing at this address.
	1981-1987	Bob's Used Furniture
	1986-1987	Model Management
	1986-1987	Family Builders By
1516 Webster	1973-1987	Dagmar's Coiffures
	1985-1987	Ester Hane Hair
1517 Webster	1968-1978	Pacific Furniture Rental[2]
1518 Webster	1971	AA Refrigerator (appliance sales)
	1973	Railroad Emp Purchasing
	1973-1974	Interiors West
	1976	Pambihira Oriental Food
	1978-1979	Asian Food Center
	1981-1987	Sulo Coffee Shop
	1981-1987	Sulo Food Center
1519 Webster	1969-1987	Suzanne's Pastry Shop[2]
1520 Webster	1943	J.R. Gladwill (paint, oil & varnish)
	1973-1987	Alameda Florist
	1973-1987	Scott Florist
	1973-1987	Johnson's Florist
1521 Webster	1971-1978	Dragon Palace Restaurant
	1979-1987	Dragon Palace Disco
1523 Webster	1973-1974	No listing at this address.
	1976	Dean's Tatoo Headquarters
	1978	San Francisco Sailing School
	1978-1984	David Kikkert and Associates
	1978-1981	Tedrick Higbee Insurance
	1981	Mays Talent Agency
	1985-1986	No listing at this address.
	1987	JC's Janitorial Service

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
1525 Webster	1973-1987	Black & White Liquor Store
1526 Webster	1973-1978	Security Savings & Loan
	1978	The Statesman's Club
	1979-1984	Allstate Savings & Loan
	1981	Support Systems
	1985-1987	Sears Savings Bank
1527 Webster	1913	Gasoline tank permit issued[1]
	1973	Fashion Discount House
Webster St. Branch, northeast corner Haight	1922	Citizens Savings Bank of Alameda
1528 Webster	1916	Citizens National Bank[1]
	1973-1976	No listing at this address.
	1978-1987	Bank of America
1529 Webster	1973	No listing at this address.
	1974-1987	Radio Shack
1531 Webster	1973-1974	Happy Gifts
	1976-1987	Round Table Pizza
1532 Webster	1973-1986	Alameda Discount
	1987	Alameda Produce
1533 Webster	1973-1987	Alburt's Mens Wear
	1986-1987	Alameda Paint & Hobbies
1535 Webster	1913-1922	Skelly Hardware Co. (Sam & C.Skelly, proprietors)[1]
	1939	No hardware dealer listed here.
1536 Webster	1973-1974	No listing at this address.
	1976-1987	Ricky Tatoo Studio
	1987	Mayon Video
1537 Webster	1973-1987	Sprouse Reitz

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
1538 Webster	1973	US Male & Female
	1974-1976	No listing at this address.
	1978-1983	Adult Book Store
	1984	No listing at this address.
	1985-1987	J&D Pizza
1540 Webster	1973-1979	No listing at this address.
	1981	Yongdowon
	1982	Finest Produce
	1983-1985	Frank of America
	1986-1987	Kathy's Coffee Shop
1541 Webster	1973-1974	Athina's Coffee Shop
	1976-1987	Albert's Restaurant
1542 Webster	1973-1984	No listing at this address.
	1985-1987	Dee Bee's Tailor Shop
1543 Webster	1969	Sal's Buy & Sell (gunsmithing, pawn shop)[2]
	1973	No listing at this address.
	1974	Electric Grape 2
	1974	Lazy Bones Massage
	1976	Fun Center
	1978-1979	Dean's Tatoo Headquarters
	1976-1979	Studio 99
	1981-1984	Alameda Business & Insurance Srvcs
	1982-1984	U A Local 38
	1983-1984	Farmers Insurance Alameda
	1982-1986	Alameda Coin Shop
	1987	No listing at this address.
1544 Webster	1922	Neptune Hotel
1545 Webster	1973-1982	Eva Lou Beauty Salon
	1983	The Golden Phoenix
	1984-1987	Bernice's Beauty Salon
1546 Webster	1973-1987	Johnny's Cocktail Lounge
	1973-1987	Webster Hotel
1547 Webster	1973-1987	Dick's Barber Shop

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
1548 Webster	1943	Carl Hubner (clothes presser & cleaners)
	1973-1986	Charlie Souza's Barber Shop
	1987	Tina's Beauty Salon
1549 Webster	1915	Lincoln Electrical Co. (electrical contractor)
1550 Webster	1969	Harry Richard's Beauty Supply[2]
	1973-1974	Loretta's Beauty Salon
	1976-1987	Charlene's Beauty Salon
	1984	Ester Hane Hair
1551 Webster	1973-1974	John H. Bajuk, (Business)
	1973-1979	Dr. Louis Kameny, MD
	1981	RB Tours
	1981	Alameda Gifts and Imports
	1982	7 Star Enterprise
	1983-1986	Carolynn Hale, Atty
	1984-1987	Elwood Owang & Associates
1552 Webster	1973-1987	La Fiesta Cocktail Lounge
1900 Webster	1939-1943	L.W. DeCelle (gas station)
	1973	Enco Products Service Station
	1974	Exxon Products Service Station
	1976-1987	Taco Bell Restaurant
1901 Webster	1927	Frank Burrington (gas station)
	1939-1941	A.A. Kapler (gas station)
	1943	Craig Oil Co. (gas station)
	1973-1974	U Haul Dealer
	1973-1974	B&L Gulf Service
	1976-1983	No listing at this address.
	1985	Residence.
	1987	Burger King
1912 Webster	1924	California Mill & Cabinet[1]

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
1916 Webster	1973-1976	Best Foods Division
	1956-1976	Skippy Peanut Butter[1]
	1978	No listing.
	1979-1987	Alameda Co. Housing Auth
	1979-1985	Lin Wu Associates
	1981-1985	Miyoshi Custom Yachts
	1982-1984	N A H R O
	1982-1984	Pacific Southwest Regional
	1983-1987	Schoon Manufacturing
	1985	Tom Lau & Associates
	1987	Harn & Rowe CPAs
1919 Webster	1973-1987	Lost Knight Cocktail Lounge
	1973-1983	Sambo's Restaurant
	1984-1986	Season's Friendly Eating
1922 Webster	1973-1981	No listing at this address.
	1982	Jartran Truck Rental
1925 Webster	1973-1979	Royal Inn Alameda
	1981-1987	Alameda Royal Motel
1929 Webster	1973-1979	D&D Rental
	1981-1983	Island Auto Sales
	1984	No listing at this address.
	1985	Rivas Motors
	1986-1987	Alameda Wholesale
	1986-1987	O.K. Corral
ATLANTIC AVENUE		
555 Atlantic	1973-1987	College of Alameda
626 Atlantic	1973-1977	No listing at this address.
	1979	Jerry's Guns
	1981-1982	Picadilly Cleaners&Alterations
	1983-1986	Designers Boutique
	1987	No listing at this address.
628 Atlantic	1973-1976	Alameda Pool Hall
	1977	No listing at this address.
	1979	All Fire Systems
	1981-1986	Bay Motorcycle Rentals
	1987	No listing at this address.

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
630 Atlantic	1973-1979	No listing at this address.
	1981-1986	Atlantic Market
632 Atlantic	1973-1974	Scotty's Cocktail Lounge
	1976-1984	Ginny's Little P I
	1973-1976	Scotty's Coffee Shop
	1973-1976	Scotty's Liquors
762 Atlantic	1973-1987	Brights Machine Shop
768 Atlantic	1951	Precision Machine Products[1]
	1973-1977	Sailnetics
	1973-1977	California Shuffleboard
	1973-1977	Stewart Mfg Co.
	1979-1981	Alameda Refinishing Center
	1982	No listing at this address.
	1983-1987	R. Slayen Inc.
BUENA VISTA AVENUE		
618 Buena Vista	1973	No listing at this address.
	1974	Residence
	1976-1981	No listing at this address.
	1982	Alameda Marine Service
	1983-1984	No listing at this address.
	1985	Mendoza Auto Repair
	1986-1987	No listing at this address.
620 Buena Vista	1973-1974	No listing at this address
	1976-1977	E&E Auto Parts House
631 Buena Vista	1973-1974	Roller Derby
	1976-1977	Roller World Training
	1979	No listing at this address.
	1981-1985	Wise Way Auto Body
	1986	No listing at this address.
	1987	Alameda Auto Lab
633 Buena Vista	1973-1987	Bradley's Body Shop
	1984-1985	Foreign Car Service

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
636 Buena Vista	1973	No listing at this address.
	1974	Alameda Fence Co.
	1976-1977	Residence.
	1979-1987	Mad Dog Drilling
	1979-1983	Alameda Equipment Rentals
	1981-1983	Ryder Truck Rental Dealer
	1986	Jolly Roger Ice Cream
639 Buena Vista	1973-1987	7-11 Alameda Store
647 Buena Vista	1973	Eas E Stik Labels
	1973-1981	Label Center
	1976-1979	Labels Inc.
	1982	No listing at this address.
	1983-1987	Wrenchouse (auto repair)
718 Buena Vista	1973-1979	Residence
	1981-1983	Knapp & Hanover Shoe
	1984	Knapp's Shoes
730 Buena Visa	1973-1981	No listing at this address.
	1982-1987	Liquor Barn
741 Buena Vista	1973-1987	Alameda Printing
	1973-1987	Schroeder Dent Printing
745 Buena Vista	1971-1987	Alouette Massage Studio (massage & sauna for men & women)
	1979-1987	Munchner Kindl Bakery
	1979	Buena Vista Massage
	1973-1979	Payne's Bakery
	1973-1977	Los Angeles Clg Massage
760 Buena Vista	1973	No listing at this address.
	1974-1977	Residence
	1979-1985	No listing at this address.
	1986-1987	Piedmont Painting & Decoration
805 Buena Vista	1915	gas station[1]
	1922	G.C. Prell, automobile repair
	1925	gas station[1]
	1939	V.O. Mauck, auto garage

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
807 Buena Vista	1943	C.M. Howard (auto garage)
	1973	No listing at this address.
	1974-1977	Olympic Swimming Pool
941 Buena Vista	1973-1987	J&N Building Maintenance
EAGLE AVENUE		
737 Eagle	1973-1977	Alameda City Housing
	1973-1977	Alameda Housing Authority
746 Eagle	1973-1974	Residence
	1976	No listing at this address.
	1977	Alameda Family Service Agcy
751 Eagle	1973-1977	Amer National Red Cross
933 Eagle	1968-1977	Tonya's Slenderizing
HAIGHT AVENUE		
619 Haight	1973-1977	Tedrick Higbee Insurance
647 Haight	1973-1976	No listing at this address.
650 Haight	1973-1977	Crescent Beauty Studio
724 Haight	1973-1974	Residence
	1976	No liisting at this address.
	1977	Magic J Carpet Cleaning
LINCOLN AVENUE		
642 Lincoln	1973-1976	The China Hut
712 Lincoln	1973-1976	Lloyd's Auto Sales
801 Lincoln	1973-1976	Ralph's Complete Market
822 Lincoln	1943	David Belzer (clothes pressers & cleaners)
	1973-1976	Residence

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APPENDIX A (continued)
DIRECTORY LISTING OF BUSINESSES LOCATED BETWEEN ONE AND TWO BLOCKS BEYOND THE PROJECT SITE

Address	Years	Establishment
837 Lincoln	1973	M&M Electronics
	1974-1977	Eclipse Electronics
848 Lincoln	1967	Baggett Used Furniture
901 Lincoln	1941-1943	H.A. Schlavin gas&oil srvc sta
	1973-1974	Epperson's Auto Service
	1976	No listing at this address.
	1977	Alameda Cellars West

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APPENDIX B

NPL FINAL AND PROPOSED SITES
STATE OF CALIFORNIA SECTION
OCTOBER 1989

National Priorities List,
Final and Proposed Sites (by State)
October 1989

St	Site Name	City/County	Date Proposed or Announced[1]	Date Final	Rank/ Group[2]
AK	Alaska Battery Enterprises	Fairbanks N Star Bor	6/88	3/89	827
AK	Arctic Surplus	Fairbanks	10/89		Gr 8
AK	Eielson Air Force Base	Fairbanks N Star Bor	7/89		Gr 5F
AK	Elmendorf Air Force Base	Greater Anchorage Bo	7/89		Gr 6F
AK	Fort Wainwright	Fairbanks N Star Bor	7/89		Gr 8F
AK	Standard Steel & Metals Salvage Yard (USDOT)	Anchorage	7/89		Gr 6F
	1 Final • 5 Proposed = 6				
AL	Alabama Army Ammunition Plant	Childersburg	10/84	7/87	Gr 11F
AL	Anniston Army Depot (Southeast Industrial Area)	Anniston	10/84	3/89	Gr 4F
AL	Ciba-Geigy Corp. (McIntosh Plant)	McIntosh	9/83	9/84	130
AL	Interstate Lead Co. (ILCO)	Leeds	9/85	6/86	342
AL	Mowbray Engineering Co.	Greenville	12/82	9/83	123
AL	Olin Corp. (McIntosh Plant)	McIntosh	9/83	9/84	458
AL	Perdido Ground Water Contamination	Perdido	12/82	9/83	857
AL	Redwing Carriers, Inc. (Saraland)	Saraland	6/88		Gr 17
AL	Stauffer Chemical Co. (Cold Creek Plant)	Bucks	9/83	9/84	249
AL	Stauffer Chemical Co. (LeMoyne Plant)	Axis	9/83	9/84	753
AL	T.H. Agriculture & Nutrition Co. (Montgomery Plant)	Montgomery	6/88		Gr 7
AL	Triana/Tennessee River (once listed as Triana (Redstone) Arsenal)	Limestone/Morgan	10/81	9/83	31
	10 Final • 2 Proposed = 12				
AR	Arkwood, Inc.	Omaha	9/85	3/89	903
AR	Frit Industries	Walnut Ridge	10/81	9/83	46
AR	Gurley Pit	Edmondson	12/82	9/83	4[illegible]
AR	Industrial Waste Control	Fort Smith	12/82	9/83	8[illegible]
AR	Jacksonville Municipal Landfill	Jacksonville	1/87	7/87	88[illegible]
AR	Magnolia City Landfill	Magnolia	10/89		Gr [illegible]
AR	Mid-South Wood Products	Mena	10/81	9/83	28[illegible]
AR	Midland Products	Ola/Birta	10/84	6/86	80[illegible]
AR	Monroe Auto Equipment Co. (Paragould Pit)	Paragould	10/89		Gr [illegible]
AR	Rogers Road Municipal Landfill	Jacksonville	1/87	7/87	884
AR	Vertac, Inc.	Jacksonville	10/81	9/83	18
	9 Final • 2 Proposed = 11				
AZ	Apache Powder Co.	St. David	6/86		Gr 4
AZ	Hassayampa Landfill	Hassayampa	6/86	7/87	345
AZ	Indian Bend Wash Area	Scottsdale/Tmpe/Phnx	12/82	9/83	387
AZ	Litchfield Airport Area	Goodyear/Avondale	12/82	9/83	283
AZ	Luke Air Force Base	Glendale	7/89		Gr 11F
AZ	Mesa Area Ground Water Contamination	Mesa	6/86		Gr 15
AZ	Motorola, Inc.(52nd Street Plant)	Phoenix	10/84	10/89	420
AZ	Nineteenth Avenue Landfill	Phoenix	10/81	9/83	119
AZ	Tucson International Airport Area	Tucson	7/82	9/83	72
AZ	Williams Air Force Base	Chandler	7/89		Gr 11F
AZ	Yuma Marine Corps Air Station	Yuma	6/88		Gr 18F
	6 Final • 5 Proposed = 11				
CA	Advanced Micro Devices, Inc. (Building 915)	Sunnyvale	6/88		Gr 16
CA	Advanced Micro Devices, Inc.	Sunnyvale	10/84	6/86	520
CA	Aerojet General Corp.	Rancho Cordova	10/81	9/83	112

State top priority site

1: Date first eligible for Superfund action. First NPL proposed 12/82. Sites announced earlier in the Interim Priorities List (10/81) and Expanded Eligibility List (7/82) were included in the first proposed NPL.

2: Sites on the final NPL are numbered. Proposed NPL sites and all Federal Facility sites (F) are placed into groups (Gr) corresponding to groups of 50 on the final NPL.

National Priorities List,
Final and Proposed Sites (by State)
October 1989

St	Site Name	City/County	Date Proposed or Announced[1]	Date Final	Rank/ Group[2]
CA	Applied Materials	Santa Clara	10/84	7/87	782
CA	Atlas Asbestos Mine	Fresno County	9/83	9/84	288
CA	Barstow Marine Corps Logistics Base (Nebo Area)	Barstow	7/89		Gr 11F
CA	Beckman Instruments (Porterville Plant)	Porterville	10/84	6/86	665
CA	Brown & Bryant, Inc.(Arvin Plant)	Arvin	6/88	10/89	138
CA	Camp Pendleton Marine Corps Base	San Diego County	7/89		Gr 14F
CA	Castle Air Force Base	Merced	10/84	7/87	Gr 11F
CA	Celtor Chemical Works	Hoopa	12/82	9/83	855
CA	Coalinga Asbestos Mine	Coalinga	9/83	9/84	289
CA	Coast Wood Preserving	Ukiah	12/82	9/83	305
CA	Concord Naval Weapons Station	Concord	6/88		Gr 18F
CA	Crazy Horse Sanitary Landfill	Salinas	6/88		Gr 9
CA	CTS Printex, Inc.	Mountain View	6/88		Gr 13
CA	Del Norte Pesticide Storage	Crescent City	9/83	9/84	573
CA	Edwards Air Force Base	Kern County	7/89		Gr 15F
CA	El Toro Marine Corps Air Station	El Toro	6/88		Gr 9F
CA	Fairchild Semiconductor Corp. (Mountain View Plant) (once listed as Fairchild Camera & Instrument Corp. (Mountain View Plant))	Mountain View	10/84		Gr 16
CA	Fairchild Semiconductor Corp. (South San Jose Plant) (once listed as Fairchild Camera & Instrument Corp. (South San Jose Plant))	South San Jose	10/84	10/89	310
CA	Firestone Tire & Rubber Co. (Salinas Plant)	Salinas	10/84	7/87	284
CA	Fort Ord	Marina	7/89		Gr 8F
CA	Fresno Municipal Sanitary Landfill	Fresno	6/88	10/89	601
CA	George Air Force Base	Victorville	7/89		Gr 15F
CA	Hewlett-Packard (620-640 Page Mill Road)	Palo Alto	6/88		Gr 18
CA	Hexcel Corp.	Livermore	6/88		Gr 1
CA	Industrial Waste Processing	Fresno	10/89		Gr 4
CA	Intel Corp. (Mountain View Plant)	Mountain View	10/84	6/86	8??
CA	Intel Corp. (Santa Clara III)	Santa Clara	10/84	6/86	784
CA	Intel Magnetics	Santa Clara	10/84	6/86	78?
CA	Intersil Inc./Siemens Components	Cupertino	6/88		Gr 1?
CA	Iron Mountain Mine	Redding	10/81	9/83	7?
CA	J.H. Baxter & Co.	Weed	10/84	10/89	6??
CA	Jasco Chemical Corp.	Mountain View	6/88	10/89	615
CA	Jibboom Junkyard	Sacramento	12/82	9/83	903
CA	Kearney-KPF	Stockton	6/88		Gr 2
CA	Koppers Co., Inc. (Oroville Plant)	Oroville	9/83	9/84	704
CA	Lawrence Livermore National Laboratory (USDOE)	Livermore	10/84	7/87	Gr 8F
CA	Lawrence Livermore National Laboratory (Site 300) (USDOE)	Livermore	7/89		Gr 17F
CA	Liquid Gold Oil Corp.	Richmond	12/82	9/83	328
CA	Lorentz Barrel & Drum Co.	San Jose	10/84	10/89	679
CA	Louisiana-Pacific Corp.	Oroville	10/84	6/86	705
CA	March Air Force Base	Riverside	7/89		Gr 16F
CA	Mather Air Force Base (AC & W Disposal Site)	Sacramento	10/84	7/87	Gr 15?
CA	McClellan Air Force Base (Ground Water Contamination)	Sacramento	10/84	7/87	Gr ??
CA	McColl	Fullerton	12/82	9/83	403
CA	MGM Brakes	Cloverdale	12/82	9/83	543
CA	Modesto Ground Water Contamination	Modesto	6/88	3/89	9??
CA	Moffett Naval Air Station	Sunnyvale	*/85	7/87	Gr ??
CA	Monolithic Memories	Sunnyvale	10/84	7/87	599
CA	Montrose Chemical Corp.	Torrance	10/84	10/89	762
CA	National Semiconductor Corp.	Santa Clara	10/84	7/87	600
CA	Newmark Ground Water Contamination	San Bernardino	6/88	3/89	502
CA	Norton Air Force Base	San Bernardino	10/84	7/87	Gr 10F
CA	Operating Industries, Inc., Landfill	Monterey Park	10/84	6/86	??
CA	Pacific Coast Pipe Lines	Fillmore	6/88	10/89	274
CA	Purity Oil Sales, Inc.	Malaga	12/82	9/83	329
CA	Raytheon Corp.	Mountain View	10/84	6/86	880
CA	Riverbank Army Ammunition Plant	Riverbank	6/88		Gr 1F

National Priorities List,
Final and Proposed Sites (by State)
October 1989

St	Site Name	City/County	Date Proposed or Announced[1]	Date Final	Rank/ Group[2]
[illegible]	Sacramento Army Depot	Sacramento	10/84	7/87	Gr 7F
CA	San Fernando Valley (Area 1)	Los Angeles	10/84	6/86	390
CA	San Fernando Valley (Area 2)	Los Angeles/Glendale	10/84	6/86	391
CA	San Fernando Valley (Area 3)	Glendale	10/84	6/86	392
[illegible]	San Fernando Valley (Area 4)	Los Angeles	10/84	6/86	598
[illegible]	San Gabriel Valley (Area 1)	El Monte	9/83	5/84	388
CA	San Gabriel Valley (Area 2)	Baldwin Park Area	9/83	5/84	389
CA	San Gabriel Valley (Area 3)	Alhambra	9/83	5/84	913
CA	San Gabriel Valley (Area 4)	La Puente	9/83	5/84	914
[illegible]	Selma Treating Co.	Selma	12/82	9/83	211
[illegible]	Sharpe Army Depot	Lathrop	10/84	7/87	Gr 8F
CA	Sola Optical USA, Inc.	Petaluma	6/88		Gr 12
CA	Solvent Service, Inc.	San Jose	6/88		Gr 7
[illegible]	South Bay Asbestos Area (once listed as Alviso Dumping Area)	Alviso	10/84	6/86	306
[illegible]	Southern California Edison Co. (Visalia Poleyard)	Visalia	1/87	3/89	207
CA	Spectra-Physics, Inc.	Mountain View	6/88		Gr 9
CA	Stringfellow *	Glen Avon Heights	10/81	9/83	32
[illegible]	Sulphur Bank Mercury Mine	Clear Lake	6/88		Gr 6
[illegible]	Synertek, Inc. (Building 1)	Santa Clara	6/88	10/89	785
[illegible]	T.H. Agriculture & Nutrition Co. (once listed as Thompson-Haywood Chemical Co.)	Fresno	10/84	6/86	393
CA	Teledyne Semiconductor	Mountain View	10/84	7/87	617
[illegible]	Tracy Defense Depot	Tracy	7/89		Gr 17F
[illegible]	Travis Air Force Base	Solano County	7/89		Gr 10F
CA	Treasure Island Naval Station-Hunters Point Annex	San Francisco	7/89		Gr [illegible]
CA	TRW Microwave, Inc (Building 825)	Sunnyvale	6/88		Gr 16
[illegible]	United Heckathorn Co.	Richmond	10/89		Gr [illegible]
[illegible]	Valley Wood Preserving, Inc.	Turlock	6/88	3/89	770
[illegible]	Waste Disposal, Inc.	Santa Fe Springs	6/86	7/87	649
CA	Watkins-Johnson Co. (Stewart Division)	Scotts Valley	1/87		Gr
CA	Western Pacific Railroad Co.	Oroville	10/89		Gr
CA	Westinghouse Electric Corp. (Sunnyvale Plant)	Sunnyvale	10/84	6/86	450
	61 Final * 30 Proposed * 91				
CO	Air Force Plant PJKS	Waterton	7/89		Gr 7F
CO	Broderick Wood Products	Denver	9/83	9/84	624
CO	California Gulch	Leadville	12/82	9/83	101
CO	Central City-Clear Creek	Idaho Springs	7/82	9/83	167
CO	Chemical Sales Co.	Denver	6/88		Gr 11
CO	Denver Radium Site	Denver	10/81	9/83	314
CO	Eagle Mine	Minturn/Redcliff	10/84	6/86	241
CO	Lincoln Park	Canon City	9/83	9/84	810
CO	Lowry Landfill	Arapahoe County	9/83	9/84	218
CO	Marshall Landfill *	Boulder County	7/82	9/83	86
CO	Rocky Flats Plant (USDOE)	Golden	10/84	10/89	Gr 1F
CO	Rocky Mountain Arsenal	Adams County	10/84	7/87	Gr 2F
CO	Sand Creek Industrial	Commerce City	12/82	9/83	36
CO	Smuggler Mountain	Pitkin County	10/84	6/86	811
CO	Uravan Uranium Project (Union Carbide Corp.)	Uravan	10/84	6/86	324
CO	Woodbury Chemical Co.	Commerce City	7/82	9/83	300
	14 Final * 2 Proposed * 16				
CT	Barkhamsted-New Hartford Landfill	Barkhamsted	6/88	10/89	504
CT	Beacon Heights Landfill	Beacon Falls	12/82	9/83	248
CT	Cheshire Associates Property	Cheshire	6/88		Gr 12
CT	Durham Meadows	Durham	6/88	10/89	677
CT	Kellup's Quarry	Plainfield	6/88	10/89	265

APPENDIX C

STATE HAZARDOUS WASTE AND SUBSTANCES SITE LIST, ALAMEDA COUNTY SECTION JUNE 1989

ALAMEDA COUNTY

IDENTIFIED HAZARDOUS WASTE SITES - JUNE 1989

IMPACT CITY: UNINCORPORATED

PUBLIC DRINKING WELLS
WITH MORE THAN 200 CONNECTIONS

Site: WELL 17-01
CALIFORNIA WATER SERVICE - LIVERMORE
Location: 03S/02E-09L01 M
374100.0 1214600.0
Source: DHS3 Problem: LARGE WELL

Site: WELL 08-01
CALIFORNIA WATER SERVICE - LIVERMORE
Location: 03S/02E-08P01 M
374100.0 1214700.0
Source: DHS3 Problem: LARGE WELL

Site: WELL 10-01
CALIFORNIA WATER SERVICE - LIVERMORE
Location: 03S/02E-08F01 M
374100.0 1214700.0
Source: DHS3 Problem: LARGE WELL

IMPACT CITY: * ALAMEDA

Site: ALAMEDA MARINA VILLAGE
Location: 2051 SHERMAN RD
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: MARINA VILLAGE
Location: 2051 SHERMAN ROAD
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: REGAL/EXXON
Location: 1725 PARK ST
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: ALAMEDA COLLISION
Location: 1911 PARK ST
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: MERRITT TIRE
Location: 2501 SANTA CLARA ST.
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: US NAVY: ALAMEDA AIR STATION
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: TRACT 5716
Location: INDEPENDENCE WAY
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 1357 HIGH ST
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: SOUTHSHORE CARWASH
Location: 2351 SHORELINE DR
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: PENNZOIL GAS STATION
Location: 2015 GRAND AVE
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: PARADISO CONSTRUCTION COMPANY
Location: 2100 CENTRAL AVE
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: NORTHERN CALIFORNIA POWER
Location: 2900 MAIN
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: NORMANDY PROJECT
Location: MECARTNEY RD
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: NCPA/TODD SHIPYARD
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: NAS GAS STATION
Location: ATLANTIC & MAIN
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 1541 PARK ST
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: HOUSING AUTHORITY-ALAMEDA
Location: 1916 WEBSTER STREET
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: GOOD CHEVROLET
Location: 1630 PARK
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: FERMA CORPORATION
Location: DAVIS/SAN LEANDRO
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: ENCINAL MARINA
Location: 2051 GRANT ST.
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: FERNSIDE/GIBBONS
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: BIG O TIRE
Location: 1200 PARK ST
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: AUTOMOTIVE AUTO REPAIR
Location: 2425 CENTRAL AVE.
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 1260 PARK
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: ALPHA BETA
Location: BLANDING/BROADWAY
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: ALAMEDA POLICE DEPARTMENT
Location: 1555 OAK ST
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: ALAMEDA NAVAL AIR STATION
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: ALAMEDA MUNICIPAL GOLF COURSE
Location: CLUBHOUSE MEMORIAL R
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: ALAMEDA FIRE STATION #3
Location: 1703 GRAND ST.
City: ALAMEDA
Source: WRCB Problem: TANK LEAK

Site: WEST BEACH SANITARY LANDFILL
SEE 01-42-0122 AND 01-97-0005
Location: NAVAL AIR STATION
City: ALAMEDA Zip: 94501
Source: DHS1

Site: PENNZOIL CO.
Location: 2015 GRAND ST
City: ALAMEDA Zip: 94501
Source: DHS1

IMPACT CITY: * ALBANY

Site: ARCO
Location: 1001 SAN PABLO AVE
City: ALBANY
Source: WRCB Problem: TANK LEAK

Site: ALCAN POWDERS & PIGMENTS
Location: 2ND ST.
City: ALBANY
Source: WRCB Problem: TANK LEAK

IMPACT CITY: * BERKELEY

Site: ADMIRAL MOVING SYSTEMS
Location: 830 CEDAR ST/6TH ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: NEIL E. SADLER CO.
Location: 1900 OXFORD ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY CAR WASH
Location: 2995 SAN PABLO AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Alameda County

Site: UC BERKELEY SITE GARAGE
Location: 1952 OXFORD ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CITY OF BERKELEY - YARD
Location: 1326 ALLSTON WAY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNIVERSITY OF CALIFORNIA
Location: 1750 ARCH ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: FOLGER MURPHY PROPERTY
Location: 1020 MURRAY ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: SIMAS PROPERTY/GAS STATION
Location: 2200 DURANT AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: STAN ANDERSON SERVICE
Location: 1745 CEDAR
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UC BERKELEY
Location: 2401 SHATTUCK AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 5TH ST & CAMELIA
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 1649 MLK JR. WAY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: MCKEVITT VOLVO
Location: 2700 SHATTUCK AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: U.C. BERKELEY CORP. YARD
Location: 2000 MILVIA ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: DECANION IMPORT TILE
Location: 611 HEARST AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 1149 MARTIN LUTHER KING
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CLAREMONT RESORT
Location: ASHBY & DOMINGO
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY MARINE CENTER
Location: 1 SPINNAKER WAY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: VILLA CNST CO. (BERKELEY VILL)
Location: VIRGINIA & SHATTUCK
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: URBAN DESIGNS
Location: 1812 DWIGHT WAY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UPRIGHT INC.
Location: 1013 PARDEE ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 845 UNIVERSITY AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 1499 UNIVERSITY AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 880 JONES
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 811 CARLTON
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 2076 ASHBY AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 1400 MARTIN LUTHER KING
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNIVERSITY OF CA.
Location: 4TH & HARRISON
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UNIVERSITY ASSOCIATES
Location: 901-921 UNIVERSITY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: UC BERKELEY
Location: 2515 CHANNING WAY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: U.C. LAWRENCE BERKELEY LABORAT
Location: 1 CYCLOTRON RD
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: U.C. BERKELEY LAB-BLDG. 62
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: TRUST SECURITY MANAGEMENT
Location: 2321 4TH ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: TRANSAMERICA DEVAUAL
Location: 829 BANCROFT WAY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: TONY & JOHN'S FOREIGN CARS
Location: 2730 TELEGRAPH AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: TILDEN CORPORATION YARD
Location: 2501 GRIZZLY PEAK BLVD
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 840 ASHBY AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 833 UNIVERSITY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 1899 OXFORD ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: SUPER-7
Location: 950 UNIVERSITY AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: SUPER-7
Location: 901 ASHBY AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: SUNSET VIEW
Location: 101 COLUSA
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: SOUTHWICK CHRYSLER-PLYMOUTH
Location: 2900 SHATTUCK AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: SOUTHERN PACIFIC
Location: DELWARE & VIRGINIA
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: SHIELD HEALTHCARE
Location: 2567 SHATTUCK
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 1580 SAN PABLO
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: RVEECO INC.
Location: 1335 6TH ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: RMC LONESTAR
Location: 808 GILMAN ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: PQ CORPORATION
Location: 801 GRAYSON ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: PEERLESS LIGHTING
Location: 2220 4TH ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: PAHLMEYER FAMILY TRUST
Location: 2700 SAN PABLO AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: PACIFIC STEEL CASTING
Location: 650 CEDAR ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: PACIFIC ENGINEERS
Location: 801 CEDAR
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: PAC BELL
Location: 2115 BANCROFT
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: OLIVER & CO.
Location: 1035 CARLETON ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: NOMURA BROS. INC.
Location: 2720 SAN PABLO
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: MOORE PROPERTY
Location: 3155 SACRAMENTO ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 1299 SAN PABLO AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: MILES LABORATORY/CUTTER
Location: 4TH & PARKER
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: MEYER SOUND
Location: 2832 SAN PABLO AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: MEADOWS, ELWOOD & CLARA
Location: 1440 ASHBY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: MANNASE-BLOCK INVESTMENT
Location: 1300 4TH
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: MACAULAY FOUNDRY
Location: PARKER ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: MAC BEATH HARDWARE
Location: 930 ASHBY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: LAWRENCE BERKELEY LABORATORY
Location: 1 CYCLOTRON RD
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: KORMAN & NG/NEWBERRY STATION
Location: 2929 SHATTUCK
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: KEITH PROPERTY
Location: 2598 SACRAMENTO
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: KAPLAN PROPERTY
Location: 2234 SAN PABLO
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: KALMAR PROPERTY
Location: 2036 BLAKE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: JACK RIPSTEEN PROJECT
Location: 3170 COLLEGE AVE.
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: HERRICK HOSPITAL & HEALTH CARE
Location: 2001 DWIGHT WAY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: GRING PEST CONTROL
Location: 741 FOLGER ST.
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: GARY STEEL CO./DUCOMMUN METALS
Location: 2560 7TH ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: FRANK'S TIRE SERVICE
Location: 820 GILMAN ST.
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: FIRESTONE
Location: 1974 UNIVERSITY AVE.
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: FERREIRA PLUMBING
Location: 1724 SAN PABLO AVENUE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: EYCHNER
Location: 1120 2ND
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: EXTRA OIL CO. SERV. STATION
Location: 1201 THE ALAMEDA
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: ERNIES VAN AND STORAGE
Location: 1650 6TH STREET
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: EAST BAY REGIONAL PARK
Location: TILDEN PARK
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: DURKEE-WAREHAM
Location: 700 HEINZ
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: DON & REINHARDS, INC.
Location: 1917 ADDISON ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: DINWIDDIE CONSTRUCTION COMPANY
Location: 1201 8TH ST.
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: DE SOTO
Location: 4TH & CEDAR
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CUTTER LABORATORIES
Location: 7TH & PARKER
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: COBURN CONSTRUCTION
Location: 1006 PARDEE ST.
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CHRONICLE DEPOT
Location: 2817 7TH ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 3048 ASHBY STREET
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 2996 TELEGRAPH
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 2500 MARTIN LUTHER KING
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1797 SHATTUCK AVE.
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1500 UNIVERSITY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1300 SAN PABLO
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1101 UNIVERSITY AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CHASE PROPERTY
Location: 2366-78 SAN PABLO AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: SOUTHSIDE PLAZA
Location: 2399 SHATTUCK AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CALTRANS
Location: 6TH/GROVE&JEFFERSON
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: CA. SCHOOL PROF. PSYCHOLOGY
Location: 1900 ADDISON
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Alameda County

Site: BLOCK PROPERTY
Location: 651 ADDISON
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY WAREHOUSE DRAYAGE
Location: 636 UNIVERSITY AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY WAREHOUSE
Location: 1920 2ND ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY VILLAGE
Location: 1663 SHATTUCK AVE.
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY LINCOLN MERCURY
Location: 2352 SHATTUCK
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY HYDRAULIC SERVICE
Location: 2734 SAN PABLO AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY HOUSING AUTHORITY
Location: ROSE & MARTIN L KING
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY GLASS
Location: 2011 ADDISON
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BERKELEY BUSINESS CENTER
Location: 2900 SAN PABLO AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BENZ SHOP(FORMER NAME)
Location: 3170 COLLEGE AVE.
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BEACON
Location: 1900 MARTIN LUTHER KING
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: BAY EXPORT SERVICES
Location: 717 POTTER ST
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: AUTOMOTIVE UNLIMITED
Location: 2020 ADDISON
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: ATLAS WELDING SUPPLY
Location: 1224 6TH STREET
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 3000 SHATTUCK AVE
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: ALTA BATES HOSPITAL
Location: 3001 COLBY STREET
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: ALL FOREIGN AUTO
Location: 1475 EASTSHORE HWY
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: ADDISON STREET PROP.
Location: 2040 ADDISON
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: AAQA MEATS/ALLSTAR STEAKS
Location: 1411 SAN PABLO
City: BERKELEY
Source: WRCB Problem: TANK LEAK

Site: AUTO REPAIR - BERKELEY
Location: 2378/2366 SAN PABLO AVENUE
City: BERKELEY Zip: 94702
Source: DHS5

Site: BERKELEY LANDFILL
Location: BERKELEY MARINA
City: BERKELEY Zip: 94710
Source: DHS1

Site: ELECTRO-COATING, INC. PLANT #21
Location: 893 CARLETON ST.
City: BERKELEY Zip: 94710
Source: DHS1

Site: BERKELEY INDUSTRIAL COURT
AKA: AIRCO, INC
Location: 729 HEINZ AVE
City: BERKELEY Zip: 94710
Source: DHS1

IMPACT CITY: CASTRO VALLEY

Site: CASTRO VALLEY CAR WASH
Location: 3098 CASTRO VALLEY BLVD
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 2691 CASTRO VALLEY BLVD
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: DEPT. OF TRANS./CASTRO VALLEY
Location: 21195 CENTER ST.
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: STROBRIDGE/CAST.VLY
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: THRIFTY OIL
Location: 2504 CASTRO VALLEY BLVD
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 3940 CASTRO VALLEY RD
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: SAL'S FOREIGN CAR SERVICE
Location: 20845 WILBEAM
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: OLYMPIC SERVICE STATION
Location: UNKNOWN
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: ODS SITE #2
Location: CASTRO VALLEY BLVD
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: ODS SITE #1
Location: CASTRO VLY & FOOTHIL
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: HANSON PROPERTY
Location: 10250 CROW CANYON RD
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 5269 CROW CANYON RD.
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 19201 CENTER ST.
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: REDWOOD & GROVE
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: BEACON
Location: 22315 REDWOOD RD.
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 2770 CASTRO VALLEY RD
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 22141 CENTER ST
City: CASTRO VALLEY
Source: WRCB Problem: TANK LEAK

IMPACT CITY: * DUBLIN

Site: UNOCAL
Location: 7375 AMADOR VALLEY RD
City: DUBLIN
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 7194 AMADOR VALLEY BLVD
City: DUBLIN
Source: WRCB Problem: TANK LEAK

Site: SCOTSMAN CO.
Location: 6055 SCARLET CT
City: DUBLIN
Source: WRCB Problem: TANK LEAK

Site: PUBLIC STORAGE
Location: 11828 DUBLIN BLVD
City: DUBLIN
Source: WRCB Problem: TANK LEAK

Site: LUCKY STORES
Location: 6300 CLARK AVE
City: DUBLIN
Source: WRCB Problem: TANK LEAK

Site: DSRSD FIRE STATION #1
Location: 7494 DONOHUE DR.
City: DUBLIN
Source: WRCB Problem: TANK LEAK

Site: CHEVROLET-CROWN
Location: 7544 DUBLIN BOULEVARD
City: DUBLIN
Source: WRCB Problem: TANK LEAK

IMPACT CITY: * EMERYVILLE

Site: OAKLAND NATIONAL ENGRAVING
Location: 1001 42ND ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: GROW GROUP
Location: 41ST ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: GETZ CONSTRUCTION COMPANY
Location: 1351 OCEAN AVE
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: CITY OF EMERYVILLE
Location: SHELLMOUND AT POWELL
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: HENRY HORN AND SONS
Location: 1301 65TH ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: SHELL DEVELOPMENT CO.
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 4250 HORTON
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: SCHWABACKER-FREY
Location: 5733 PELLEDEAU
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: RANSOME COMPANY
Location: 4030 HOLLIS ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: PIE NATIONWIDE PROPERTY
Location: 5500 EASTSHORE FREEWAY
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: PFIZER PIGMENTS, INC.
Location: 4650 SHELLMOUND ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: PETERSON MANUFACTURING CO.
Location: 1600 63RD ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: NIELSEN PROPERTY
Location: 5800 SHELLMOUND ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: MICHEL & PELTON
Location: 5743 LANDREGAN ST.
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: KAISER ENGINEERS
Location: 1140 45TH ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: HOLLIS STREET PROJECT
Location: 6050 HOLLIS ST.
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: HFH, LIMITED
Location: 6400 HOLLIS ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: GARRETT FREIGHT LINE
Location: 64TH & LACOSTE
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: EMERYVILLE MARKET PLAZA
Location: 64TH & LACOSTE ST.
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: EMERYVILLE BAYFRONT/US POSTAL
Location: 1650 65TH
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: DEL MONTE PLANT #35
Location: 1250 PARK AVE
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: CITY OF EMERYVILLE
Location: 1420 45TH ST
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: BERKELEY FARMS
Location: 4550 SAN PABLO AVE
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: BERKELEY FARMS
Location: 1313 53RD AVE
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: BAY CENTER PROJECT
Location: 65TH & CHRISTIE
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: A.C. TRANSIT
Location: 45TH & SAN PABLO
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: A.C. TRANSIT
Location: 47TH & SAN PABLO
City: EMERYVILLE
Source: WRCB Problem: TANK LEAK

Site: WESTINGHOUSE ELECTRIC COMPANY - EMERYVILLE
Location: 5899 PELADEAU STREET
City: EMERYVILLE Zip: 94608
Source: DHS5

Site: PACIFIC GAS AND ELECTRIC - EMERYVILLE
Location: 4525 HOLLIS STREET
City: EMERYVILLE Zip: 94608
Source: DHS5

Site: CHROMEX
AKA: DIVISION OF CHARLES LOWE CO.
Location: 1400 PARK AVE
City: EMERYVILLE Zip: 94608
Source: DHS1

Site: RANSOME COMPANY
Location: 4030 HOLLIS STREET
City: EMERYVILLE Zip: 94608
Source: DHS1

Site: ELECTRO-COATINGS
Location: 1421 PARK AVENUE
City: EMERYVILLE Zip: 94617
Source: DHS5

IMPACT CITY: * FREMONT

Site: FREMONT RESIDENCE INN
Location: 880 MOWRY AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 40077 MISSION BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: FREMONT DODGE
Location: 3909 THORNTON AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: BEDFORD PROPERTIES
Location: 48870 KATO RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: AUTOBRITE CAR WASH
Location: 37063 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: FOOD & LIQUOR STORE #5
Location: 4050 ALDER AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: EXXON
Location: 43250 GRIMMER RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: EXXON
Location: 46494 MISSION BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: BRADFORD PROPERTIES
Location: 48870 KATO RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: EL CAMINO CROP SUPPLY CO.
Location: 37343 BLACOW RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: TEMPGLASS
Location: 48999 KATO RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: FLEMING FOODS
Location: 48811 WARM SPRINGS BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Alameda County

Site: FLEMING FOODS
Location: 5900 STEWART
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: EMCO DIST.
Location: 48900 MILMONT DR
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: WASTE MANAGEMENT - N. YARD
Location: DURHAM RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CENTURY INSULATION
Location: 37345 BLACOW RD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: OGAWA-MUNE NURSERY
Location: 123 MAYHEW RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: ECONO LINE EXPRESS
Location: 42600 BOYCE RD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: XEROX
Location: 901 PAGE AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: PACIFIC LUMBER
Location: 43962 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: WASHINGTON HOSPITAL
Location: 2000 MOWRY AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 5301 MOWRY AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 5100 MOWRY AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 47011 WARM SPRING BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 43411 GRIMMER
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: PERALTA & JOSEPH
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: PASEO PADRE & SPRR
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: JONCE THOMAS CONSTRUCTION
Location: 3390 SELDON CT
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 43600 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 4004 MOWRY AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 377 MOWRY AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: SUPER-7
Location: 38010 MISSION BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: SUPER-7
Location: 35015 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: SOUTHERN PACIFIC
Location: 37516 NILES BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: SOLOMON & SOLOMON
Location: 37250 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CALIFORNIA FLORIDA PLANT CO.
Location: 5600 STEVENSON BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 5505 STEVENSON BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 4695 THORNTON AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 41700 GRIMMER BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: SCHOOL FOR THE DEAF
Location: 39350 GALLAUDET DR
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: QUIK STOP MARKET #98
Location: 1848 WASHINGTON BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: QUICK STOP
Location: 38995 FARWELL DR
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: PG&E
Location: 37465 JOSEPH ST
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: PACIFIC BELL
Location: 5275 CENTRAL AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: OAKLAND SCAVENGER CO.
Location: 7010 DURHAM RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: NIELSON AIRCRAFT
Location: 1501 DIXON LANDING RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: NEW UNITED MOTORS
Location: 45500 FREMONT
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 46840 WARM SPRINGS
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 4111 MISSION BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 37810 NILES BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 37630 BLACOW
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: MISSION VALLEY EQUIPMENT RENTL
Location: 41655 OSGOOD RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: MELROSE METALS
Location: 44533 GRIMMER BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: LIFETILE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: LIBERTY STATION
Location: 36389 MISSION BLVD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: L&M AUTO REPAIR
Location: 37822 NILES BLVD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: KENNEDY HIGH SCHOOL
Location: 39999 BLACOW
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: KELLY'S CONCRETE
Location: 4430 OLD WARM SPRINGS RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: KAL GAS
Location: 41093 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: IRVINGTON HIGH SCHOOL
Location: 41800 BLACOW RD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: INTERLOCKING ROOF/CALIF. TERR.
Location: 500 KING ST
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: HYSTER COMPANY
Location: 47132 KATO RD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: HOWARD'S BACKHOE RENTAL
Location: 41875 OSGOOD RD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: HERITAGE VILLAGE
Location: 38050 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: GRADE WAY CONSTRUCTION
Location: 438012 OSGOOD RD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: GM-FREMONT
Location: ADJACENT TO NUMMI
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: FREMONT UNIFIED SCHOOL DISTR.
Location: 38442 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: FREMONT UNIFIED SCHOOL DIST.
Location: WAREHOUSE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: FREMONT UNIFIED SCHOOL DIST.
Location: 43770 GRIMMER BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: ROTTEN ROBBIE/FREMONT SHOPPING
Location: 40575 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: FREMONT HUB
Location: 39201 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: FEE CONSTRUCTION
Location: 42000 OSGOOD RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: EXXON
Location: 4995 MOWRY AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: EXXON
Location: 39990 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: ECONO/KAYO
Location: 41100 ROBERTS AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CITY OF FREMONT: CORP. YARD
Location: 37350 SEQUOIA RD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CITY OF FREMONT FIRE STN. #1
Location: 4200 MOWRY ST
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 5300 MOWRY AVE.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 2020 DRISCOLL
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CENTRAL CHEVROLET
Location: 4949 THORNTON AVE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CBI SERVICES INC.
Location: 41777 BOYCE RD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CATALINA TRUCKING
Location: 185 KING AVENUE
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: CALIFORNIA LIFETILE
Location: 45111 INDUSTRIAL DR
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: BORDEN INDUSTRIAL
Location: 41100 BOYCE RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: BEACON
Location: 47700 WARM SPRINGS BLVD.
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: BEACON
Location: 42245 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: BEACON
Location: 41100 WASHINGTON BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: BEACON
Location: 40500 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: BAY AREA CONCRETES, INC.
Location: 43055 OSGOOD RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: AUTOWEST MITSUBISHI
Location: 37156 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 43500 GRIMMER
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 40055 BLACOW RD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 35900 FREMONT BLVD
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: 7-ELEVEN
Location: 3868 DELAWARE STREET
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: 7-ELEVEN
Location: NILES CYN/MISSION BV
City: FREMONT
Source: WRCB Problem: TANK LEAK

Site: AMCHEM PRODUCTS, INC.
Location: 37899 NILES BOULEVARD
City: FREMONT Zip: 94536
Source: DHS5

Site: PACIFIC CEMENT & AGGREGATES
Location: 35171 SEQUOIA ROAD
City: FREMONT Zip: 94536
Source: DHS1

IMPACT CITY: * HAYWARD

Site: OAKLAND FENCE CO
Location: 1580 W WINTON AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: BEACON
Location: 29705 MISSION BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 1015 A ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 528 JACKSON ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: GOODYEAR TIRE & RUBBER CO
Location: 1051 A ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: BAY FORD TRACTORS
Location: 975 INDUSTRIAL PKWY W
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: HAYWARD CORPORATION YARD
Location: 3050 WINTON AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MUNSON,WARREN
Location: 21011 MONTGOMERY AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: J.C. PENNY
Location: 21105 CABOT BLVD.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SMISER FRIEGHT
Location: 2340 INDUSTRIAL PARKWAY W
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Alameda County

Site: LAURA SCUDDERS
Location: 27751 INDUSTRIAL BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 2492 WHIPPLE AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 365 JACKSON ST.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: YELLOW FREIGHT SYSTEM
Location: 25555 CLAWITER
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: WILMAC METALS
Location: 529 C ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: WEYERHAEUSER COMPANY
Location: 3495 BREAKWATER CT
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: WESTERN DRUMS, INC.
Location: 21301 CLOUD WAY
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: WALKER'S CONCRETE
Location: 1844 W WINTON AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: VIC HUBBARD
Location: 411 W A ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: VALLEY PET SUPPLY
Location: 30845 HUNTWOOD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: VALLEY PET SUPPLY
Location: 1200 ZEPHYR AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 3500 BREAKWATER AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 2701 EAST AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 25995 MISSION BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: TENNYSON & HUNTWOOD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: UNITED CAN COMPANY
Location: UNKNOWN
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: TOSCANO BAKING COMPANY
Location: 2227 NATIONAL AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: THRIFTY OIL
Location: 25225 MISSION BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: THRIFTY OIL
Location: 207 A ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: THRIFTY OIL
Location: 20200 HESPERIAN BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SUPER STRUCTURES/WENDLAND TRKG
Location: 24200 CLAWITER RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SUNSET HIGH SCHOOL
Location: 22100 PRINCETON
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SOUTHERN PACIFIC
Location: CABOT RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 27501 LOYOLA
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 2408 WHIPPLE RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 138 JACKSON
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 1097 W TENNYSON
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SERVOMATION
Location: 2331 TRIPALDI WAY
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: SEARS AUTOMOTIVE CENTER
Location: 660 W WINTON
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: S & J DETAIL
Location: 352 A ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: RUNNELS INDUSTRIES
Location: 3590 ENTERPRISE AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ROTTEN ROBBIE
Location: 720 W TENNYSON
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ROTTEN ROBBIE
Location: 27814 HESPARIAN BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ROHMN & HAAS CALIFORNIA, INC.
Location: 25500 WHITESELL ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: REYNOLDS ALMNM-S.F. CAN PLANT
Location: 2425 WHIPPLE RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: REGIONAL OCCUPATIONAL CENTER
Location: 26316 HESPERIAN BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: REGAL
Location: 193 WINTON AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: REDCO
Location: 1975 NATIONAL AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: RED TOP ELECTRIC
Location: 24967 HUNTWOOD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: PRECISION METALS
Location: 3402 ENTERPRISE AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: PG&E
Location: 24300 CLAWITER RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: PESTANA PROPERTY
Location: 29234 MISSION BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: PACIFIC DISTRIBUTION CENTER
Location: 21001 CHABOT RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: OLIVER DE SILVA
Location: 22991 CLAWITER RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: NORPAK
Location: 20550 CORSAIR BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: NATURE'S FARM
Location: 2707 MCCONE AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 525 W. A ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 494 ROUSSEAU ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 486 A ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 404 W HARDER RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 210 W JACKSON ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 1974 W TENNYSON
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 1109 W TENNYSON RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: COTTER WAY
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MILLER'S ALUMINUM
Location: 25362 CYPRESS AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MERVYN'S DEPT. STORE
Location: 22301 FOOTHILL BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MCDONALD CONSTRUCTION
Location: 3500 ENTERPRISE AVE.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MC CULLOUGH CHEVROLET-HAY-WARD
Location: 22645 WATKINS ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: MAURY COX VANS
Location: 25700 MISSION BLVD.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: LEW'S DIESEL REPAIR
Location: 29318 PACIFIC ST.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: LAWRENCE DAIRY
Location: 23555 SAKLAN AVE.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: KAYO
Location: 438 W TENNYSON ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: STONETREE TOWNHOUSES/JAMES PRP
Location: 811 D ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: J.R. TRUCKING
Location: 2001 CHABOT ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: J&R WAREHOUSE
Location: 31281 WIEGMAN DR.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: INTERN'L WINDOW
Location: 30526 SAN ANTONIO
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: HUTCH'S CAR WASH
Location: 1367 A ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: HORMEL CO.
Location: 30611 SAN ANTONIO ST.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: HOLY SEPULCHRE CEMETERY
Location: 26320 MISSION BLVD.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: HOLLAND OIL
Location: 789 FLETCHER LN
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: HERRINGER PROPERTY
Location: 22701 WATKINS AVE.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: HERRICK CORP.
Location: 25450 CLAWITER RD.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: HAYWARD UNIFIED SCHOOL DIST.
Location: 2440 AMADOR
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: HAYWARD DODGE, INC.
Location: 24773 MISSION BLVD.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: GRUNOW PROPERTY
Location: 19483 WESTERN BLVD.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: GI TRUCKING
Location: 30542 SAN ANTONIO
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: G.I. TRUCKING
Location: 22300 FOOTHILL BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: FUJIIS PLANT OUTLET
Location: 24949 SOTO RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: FOODMAKER INC.
Location: 2395 AMERICAN AVE.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: FIRE FAB INC.
Location: 23315 CONNECTICUT
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: FARRER PROPERTY
Location: 944 W WINTON
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: FAIRBANKS SCALES
Location: 3494 INVESTMENT BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: EXXON
Location: 26115 HESPERIAN BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: DUNCAN & SON PETROLEUM
Location: 29303 PACIFICA ST.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: DREWRY PHOTCOLOR CORPORATION
Location: 27105 INDUSTRIAL BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: DINO'S FURNITURE
Location: 21564 MISSION BLVD.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: DIAMOND BATHURST
Location: 22302 HATHWAY AVE.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: DEXTER CORP.-MIDLAND DIVISION
Location: 31500 HAYMAN ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CRESCENT TRUCK LINES
Location: 2480 WHIPPLE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: COREMARK INC.
Location: 31300 MEDALLION ST.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CONTINENTAL WHITE CAP, INC.
Location: 22493 CLAWITER RD.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CON-WAY EXPRESS
Location: 2200 CLAREMONT CT
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CLEMENTINA LTD
Location: 31823 HAYMAN ST.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CITGO
Location: 660 W WINTON AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 24086 MISSION BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 21995 FOOTHILL BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Alameda County

Site: CHEVRON
Location: 2ND & B ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CHAPEL OF THE CHIMES MEM. PARK
Location: 32992 MISSION BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CHABOT COLLEGE
Location: 25555 HESPERIAN BLVD.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CASSARO PROPERTY
Location: 593 W HARDER
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CALIFORNIA AIR NATIONAL GUARD
Location: 1525 W WINTON AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CALIF. STATE UNIV. HAYWARD
Location: MISSION BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: CAL TRANS PROPERTY
Location: 25030 MISSION BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: C.C. ENDOWMENT BOARD
Location: 1609 WHIPPLE RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: BEECHCRAFT WEST
Location: 19990 SKYWEST DRIVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: BEACON
Location: 392 W HARDER RD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: BAY CITY AUTO AUCTION
Location: INDUSTRIAL WAY
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: AT&T
Location: 100 ORCHARD AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 17601 HESPERIAN BLVD
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: AMERICAN PIPE PROCESSING
Location: 29901 INDUSTRIAL PKWY
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ALLIED SYSCO, INCORPORATED
Location: 30977 SAN ANTONIO STREET
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ALLGOOD INDUSTRIES
Location: 3466 ENTERPRISE AVE
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ALHAMBRA HAYWARD
Location: 22990 CLAWITER
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ALAMEDA COUNTY BUILDING MAINT.
Location: 951 TURNER COURT
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ADN CORPORATION
Location: 29001 HOPKINS STREET
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: ABC SERVICES
Location: 31845 HAYMAN ST
City: HAYWARD
Source: WRCB Problem: TANK LEAK

Site: A & J ELECTRIC CABLE COMPANY
Location: 30608 SAN ANTONIO ST.
City: HAYWARD
Source: WRCB Problem: TANK LEAK

IMPACT CITY: * LIVERMORE

Site: DE PAOLI EQUIPMENT
Location: 4001 N VASCO RD
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: FIRE STATION #1
Location: 4550 EAST AVE
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: MILL SPRINGS PARK APARTMENTS
Location: RAILROAD AVE/S.L&S.P
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: DUPERLY PROPERTY
Location: 10057 TESLA RD.
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 900 S LIVERMORE AVE
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 930 SPRINGTOWN
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 1175 CATALINA DR
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 1155 PORTOLA AVE
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: SANDIA NATIONAL LABORATORIES
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: PACIFIC BELL
Location: 2324 2ND ST
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 4707 1ST ST
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: LIVERMORE DISPOSAL
Location: 5175 S. FRONT RD.
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: LAWRENCE LIVERMORE LAB
Location: 7000 EAST AVE
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: LAWRENCE LIVER. NL-SW CORN
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: LAWRENCE LIVER. NL-BLDG 403
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 2008 1ST ST
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 4904 S. FRONT
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1925 BARCELONA ST.
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1334 W 1ST ST
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: CALTRANS
Location: 6153 S FRONT ST
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 899 RINCON AVE
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: RICHMOND TANK CAR
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: INTEL LIVERMORE FAB. PLANT III
Location: 250 N MINES RD
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: HEXCEL COMPST. MTRL. MFG. PLT.
Location: TREVANO RD.
City: LIVERMORE
Source: WRCB Problem: TANK LEAK

Site: HEXEL CORPORATION
Location: 10 TREVARNO ROAD
City: LIVERMORE Zip: 94550
Source: DHS1

IMPACT CITY: * NEWARK

Site: SHELL
Location: 6005 JARVIS
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: THORO SYSTEM PRODUCTS
Location: 38403 CHERRY ST
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: SUMMERHILL COMMON
Location: 26840 CHERRY ST
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: M. LA FLEUR MACHINERY
Location: 8025 ENTERPRISE DR
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 38083 CHERRY
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: UNION SANITARY DISTRICT (WWTP)
Location: 8700 THORNTON AVE
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: TWO COUNT COMPANY
Location: 37532 SYCAMORE ST
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: TNT INC.
Location: 38201 CHERRY ST
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 7275 THORNTON AVE
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 5489 THORNTON AVE
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: REGAL/EXXON
Location: 6788 THORNTON
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: PETERBILT MOTORS
Location: 38801 CHERRY ST
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: MORTON SALT
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: LESLIE SALT CO.
Location: 7200 CENTRAL AVENUE
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: JONES-HAMILTON CO.
Location: 8400 ENTERPRISE DR.
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: HOLLAND OIL FACILITY
Location: 8130 ENTERPRISE DR.
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: H. FULLER CO.
Location: 6925 CENTRAL AVE.
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: FOSTER CHEMICAL CORPORATION
Location: 37445 WILLOW ST.
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: EMPIRE TRACTOR CO.
Location: 38600 CEDAR BLVD
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 6104 JARVIS BLVD
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: CERRO METALS
Location: 6707 MOWRY AVE.
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: BAY CITIES METAL PRODUCTS, INC
Location: 6756 CENTRAL AVE.
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: ASHLAND CHEMICAL
Location: 8600 ENTERPRISE DR
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: A.O. SMITH FACILITY
Location: 37171 SYCAMORE
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: A.C. TRANSIT-CLOSED BUS GARAGE
Location: 37560 SYCAMORE STREET
City: NEWARK
Source: WRCB Problem: TANK LEAK

Site: LESLIE SALT
Location: ENTERPRISE DRIVE
City: NEWARK Zip: 94560
Source: DHS5

Site: ABE OIL INC
HOLLAND OIL
Location: 8130 ENTERPRISE DRIVE
City: NEWARK Zip: 94560
Source: DHS1

Site: JONES-HAMILTON CO
AKA: J-H CO
Location: 8400 ENTERPRISE DRIVE
City: NEWARK Zip: 94560
Source: DHS1

IMPACT CITY: * OAKLAND

Site: AMERICAN INK PRODUCTS
Location: 630 E 10TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: EAST BAY FORD TRUCK
Location: 333 FILBERT
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 10600 MACARTHUR BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 7307-F EDGEWATER DR
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: FORDOM PARK
Location: 5725 E 14TH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: LEARNER
Location: 768 46TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: COLLINS PROPERTY
Location: 2452 MAGNOLIA ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: QUICK STOP MARKET
Location: 363 GRAND AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: OLD OAKLAND TRIBUNE GARAGE
Location: VALDEZ & 13TH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: BELOUS PROPERTY
Location: 3423 HARLAN
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: U.S. COLD STORAGE
Location: 3925 ALAMEDA AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: NABISCO BRANDS,INC
Location: 1267 14TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MCILRAITH PROPERTY/CHEVRON
Location: 3614 SAN LEANDRO ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PAT PATTERSON CADILLAC
Location: 230 BAY PLACE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: OAKLAND REDEVLOPMENT AGENCY
Location: 1330 MARTIN LUTHER KING
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: PORT OF OAKLAND
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SOUTHERN PACIFIC
Location: 721 CEDAR ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SOUTHERN PACIFIC
Location: PRIVATE RD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SOUTHERN PACIFIC-DESERT YARD
Location: 515 BAY ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARATEX SERVICES
Location: 958 28TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 2681 FRUITVALE AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PARKING STRUCTURE
Location: 7TH & JEFFERSON ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ALCOPARK GARAGE
Location: 165 13TH ST.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 510 E 14TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 2800 TELEGRAPH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ACE RECYCLERS ENTERPRISES
Location: 830 69TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: YOUNG'S FOOD & LIQUOR
Location: 4193 PIEDMONT AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: WESTERN EXTERMINATOR
Location: 901 76TH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: WEST COAST WIRE ROPE & RIGGING
Location: 597 85TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 4710 BANCROFT AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 401 HIGH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: BANCROFT & 98TH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 6200 SAN PABLO
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 4299 PIEDMONT AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 3234 GRAND AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 1581-89 MACARTHUR BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 11TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: E 14TH ST/HAVEN CT
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: TRANSAMERICA DE LAVAL, INC.
Location: 550 85TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: THRIFTY OIL
Location: 6125 TELEGRAPH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: THRIFTY OIL
Location: 3400 SAN PABLO AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 9331 E 14TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: STOP-N-GO
Location: 4100 FOOTHILL BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: STATE ARCHITECT-BAY BRIDGE
Location: BAY BRIDGE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: STANDARD BRANDS PAINT COMPANY
Location: 2445 E 14TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SOUTHERN PACIFIC
Location: 1726 MIDDLE HARBOR RD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SOUTHERN PACIFIC
Location: PINE ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SIMMONS OIL CORPORATION
Location: 315 DERBY AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SIMAS BROS.
Location: 4013 TELEGRAPH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHEREX CHEMICAL COMPANY, INC.
Location: 1401 MIDDLE HARBOR RD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 230 W MACARTHUR BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 2101 PARK BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: TERMINAL FACILITY
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: BROADWAY & TAFT
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: RAND & LAKESHORE AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: ARMSTRONG/WHITE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SHATTUCK IMPORTS
Location: 6562 SHATTUCK AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: SAFETY-KLEEN CORP.
Location: 404 MARKET
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: RODRIGUES MANUEL
Location: 1009 89TH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: RHODES-JAMIESON BATCH PLANT
Location: 333 KENNEDY ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: REGILLUS CONDOMINIUMS
Location: 200 LAKESHORE DR
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: R.D. MINER CO.
Location: 750 37TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PORT OF OAKLAND
Location: 7101 EDGEWATER DR
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PORT OF OAKLAND
Location: JACK LONDON SQUARE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PIONEER PACKING
Location: 1025 98TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PG&E
Location: 4930 COLLISEUM WAY
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PG&E
Location: 4801 OAKPORT
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PG&E
Location: 2121 PERALTA ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PATTERSON PROPERTY
Location: 27TH & HARRISON
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PACIFIC WESTERN SHIPPING
Location: 1221 3RD ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PACIFIC SUPPLY
Location: 1735 24TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PACIFIC DRY DOCK
Location: 5TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: PACIFIC BELL
Location: 8259 HOLLY ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: OWENS-ILLINOIS
Location: 3600 ALAMEDA AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: OLIVER
Location: 1200 65TH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: OAKLAND SCAVENGER
Location: 156 98TH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: OAKLAND NATIONAL ENGRAVING
Location: 1001 42ND ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: OAK KNOLL NAVAL HOSPITAL
Location: 8750 MOUNTAIN BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: NAVAL HOSPITAL
Location: MOUNTAIN BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: NATIONAL AIROMOTIVE
Location: EARHART RD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MOUIS DRAZAGE CO.
Location: 190 96TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 5425 GROVE ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 3315 HIGH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 3201 35TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 2220 98TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 160 14TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: PETROLEUM ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: MARINE TERMINALS CORP.
Location: 333 MARKET ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: LONGVIEW FIBER CO.
Location: 8511 BLAINE ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: LAKE POINT TOWERS LTD
Location: 17TH & LAKESIDE DR
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: LA MANCHA DEVELOPMENT COMPANY
Location: 4299 PIEDMONT AVE.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: KRAGEN AUTO SUPPLY
Location: 4200 MACARTHUR
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: KELLEY AUTO PARTS
Location: 4400 TELEGRAPH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: KAISER REGIONAL PARKING
Location: 1901 FRANKLIN ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: JOHNSTON & SONS
Location: 801 3RD AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: IMO DELAVAL ENGINE MFG.
Location: 550 85TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: HANG LUNG PLASTICS
Location: 1960 ADELINE ST.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: GTE TELEPHONE COMPANY
Location: 670 9TH STREET
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: GREYHOUND
Location: 7TH & BUSH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: GIVENS INVESTMENT COMPANY
Location: 6398 TELEGRAPH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: GERBER PRODUCT CO.
Location: 9401 SAN LEANDRO BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: GENERAL TIRE
Location: 240 HEGENBERGER RD.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: GARCIA PROPERTY
Location: 431 WAYNE AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: FYNE PROPERTY
Location: 774 W GRAND AVE.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: FABCO
Location: 1249 67TH ST.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: F&K INVESTMENT CO.
Location: 1259 48TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: EXXON
Location: 720 HIGH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ERNIE'S AUTOMOTIVE
Location: 2400 E 12TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: EKO-TEK
Location: 4200 ALAMEDA AVENUE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: EBMUD
Location: 2127 ADELINE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: EBMUD
Location: OAKPORT RD.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: EAST BAY REGIONAL PARK DIST.
Location: 7867 REDWOOD RD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: E. OAKLAND YOUTH CENTER
Location: 8200 E 14TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: E-Z-REST PRODUCTS
Location: 2528 ADELINE ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: E&R AUTO WRECKERS
Location: 3230 ETTIE ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: DUNNE QUALITY PAINTS
Location: 1007 41ST ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Alameda County

Site: DREISBACH ASSOCIATES
Location: 8410 AMELIA ST.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: DEL MONTE PLANT #37
Location: 2980 E 9TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CONTINENTAL VOLVO
Location: 4030 E 14TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CITY'S AUTO REPAIR
Location: 330 WEBSTER ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CITY OF OAKLAND
Location: 9801 SAN LEANDRO ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CITY OF OAKLAND
Location: 816 98TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CITY OF OAKLAND
Location: 1417 CLAY ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHINATOWN REDEVELOPMENT PROJ.
Location: 11TH & WEBSTER
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON ASPHALT TERMINAL
Location: 4525 SAN LEANDRO ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 850 WEST GRAND AVE.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 609 OAK
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 4265 FOOTHILL BOULEVARD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 3701 BROADWAY
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 3026 LAKESHORE BOULEVARD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1911 TELEGRAPH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1395 7TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 17TH & HARRISON
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: OAKLAND INTERN'L AIR
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 23RD AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 7TH & CYPRESS
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: BYRD'S AUTO SERVICE
Location: 3055 35TH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: BROCKWAY GLASS
Location: 8717 G ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: BRAMALEA PACIFIC
Location: 12TH & CLAY
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: BOLIN'S SERVICE GARAGE
Location: 6335 SAN PABLO AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: BLUE PAINT SERVICE COMPANY
Location: 1700 JEFFERSON
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: BAYOX
Location: 1171 OCEAN AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: BART
Location: 601 S. 8TH ST.
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ASHLAND OIL
Location: FERRY & PETROLEUM
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 889 W GRAND AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 731 W MACARTHUR
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 71 MACARTHUR
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 6407 TELEGRAPH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 566 HEGENBERGER RD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: TELEGRAPH & ALCATRAZ
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: MOUNTAIN & MERCED
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 34TH & PARK BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ANGELO PARDISO
Location: 1031 98TH
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: AMERICAN CONTRACTING SERVICES
Location: 3229 SAN LEANDRO ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: AMERICAN CAN COMPANY
Location: 3801 E 8TH ST
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: AMERICAN BRASS AND FOUNDRY
Location: 7825 SAN LEANDRO
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: ABF FREIGHT SYSTEMS
Location: 4575 TIDEWATER
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: AAA EQUIPTMENT CO.
Location: 745 50TH AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: A.C. TRANSIT
Location: 1100 SEMINARY AVE
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: 7-ELEVEN
Location: 4100 BROADWAY
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: 7-ELEVEN
Location: 10501 FOOTHILL BLVD
City: OAKLAND
Source: WRCB Problem: TANK LEAK

Site: GENERAL ELECTRIC COMPANY
Location: 5441 EAST 14TH ST.
City: OAKLAND Zip: 94601
Source: DHS1

Site: ESPOSITO PLATING AKA: ESPOSITE PLATING & POSLISHING CORP.
Location: 2904-2908 CHAPMAN ST
City: OAKLAND Zip: 94601
Source: DHS1

Site: FERRO-ENAMELING CO
Location: 1100 57TH AVE / P.O. BOX 2246
City: OAKLAND Zip: 94601
Source: DHS1

Site: PACO PUMPS
Location: 845 92ND AVE
City: OAKLAND Zip: 94604
Source: DHS1

Site: EKOTEK LUBE
Location: 4200 ALAMEDA AVENUE
City: OAKLAND Zip: 94605
Source: DHS5

Site: PORT OF OAKLAND - EMBARCADERO COVE
Location: DENNISON AND EMBARCADERO STREET
City: OAKLAND Zip: 94606
Source: DHS5

Site: SHEREX CHEMICAL COMPANY MIDDLE HARBOR ROAD
Location: 1401 MIDDLE HARBOR ROAD
City: OAKLAND Zip: 94607
Source: DHS1

Site: SMILO CHEMICAL COMPANY
Location: 500 KIRKHAM ST
City: OAKLAND Zip: 94607
Source: DHS1

Site: LAKESIDE NON-FERROUS
Location: 412 MADISON
City: OAKLAND Zip: 94607
Source: DHS1

Site: ZERO WASTE SYSTEMS INC
Location: 1450 32ND ST
City: OAKLAND Zip: 94608
Source: DHS1

Site: TRANSAMERICA DELAVAL MORRIS TRANSPORTATION PLOT A
Location: 550 85TH AVENUE
City: OAKLAND Zip: 94621
Source: DHS1

Site: OAKLAND NAVAL SUPPLY CENTER
Location: 7TH & MARITIME
City: OAKLAND Zip: 94625
Source: DHS1

IMPACT CITY: * PIEDMONT

Site: PIEDMONT CITY HALL
Location: 120 VISTA AVE
City: PIEDMONT
Source: WRCB Problem: TANK LEAK

Site: SMITH PROPERTY
Location: 63 LINCOLN AVE
City: PIEDMONT
Source: WRCB Problem: TANK LEAK

Site: LEWIS CONSTRUCTION COMPANY
Location: 1345 GRAND AVE
City: PIEDMONT
Source: WRCB Problem: TANK LEAK

IMPACT CITY: * PLEASANTON

Site: SHELL
Location: 1801 SANTA RITA
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 4226 FIRST AVE
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 3790 HOPYARD& LAS POSITAS
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: SANTA RITA REHABILITATION CTR
Location: SANTA RITA RD
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: REEVE TRUCKING
Location: END OF VALLEY RD
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: INDUSTRIAL ASPHALT
Location: 1645 STANLEY BLVD
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: EXXON
Location: 2991 HOPYARD & VALLEY
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1797 SANTA RITA RD.
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: ARCO/ARMOUR OIL CO./GAS N SAVE
Location: 4191 1ST ST.
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: ALAMEDA COUNTY FAIRGROUNDS
Location: 4501 PLEASANTON AVE.
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: NUODEX
Location: 5555 SUNOL BLVD
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: NUCLEPORE CORPORATION
Location: 7035 COMMERCE CIRCLE
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: KAISER ALUMINUM & CHEM. CORP.
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: INDUSTRIAL ASPHALT FACILITY
City: PLEASANTON
Source: WRCB Problem: TANK LEAK

Site: TENNECO CHEMICALS INC
Location: 5555 SUNOL BLVD.
City: PLEASANTON Zip: 94566-0060
Source: DHS1

IMPACT CITY: * SAN LEANDRO

Site: SAN LEANDRO RENTAL SERVICE
Location: 14273 WASHINGTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 600 SUTTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: S&S BLDG SUPPLY
Location: 701 FREMONT AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: NOHR'S IMPORTS
Location: 2089 E 14TH ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: GARCIA PROPERTY
Location: 12051 BANCROFT
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: DEPT OF TRANS,SAN LEANDRO
Location: 600 LEWELLING
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: ARCO
Location: 1401 GRAND AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SUPERIOR LIFT TRUCK, INC.
Location: 14315 WASHINGTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: AMERICAN TRACTOR
Location: 9131 98TH AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: WALSH PROPERTY
Location: 844 DOLITTLE DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: HOHENER MEAT COMPANY, INC.
Location: 2500 DAVIS ST.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: WORLD SAVINGS
Location: 800 DAVIS ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: WM CONCRETE
Location: 851 PERALTA
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: WESTGATE PROJECT
Location: 1933 DAVIS ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: WEST COAST TANK TESTING
Location: 390 DOOLITTLE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: WASHINGTON SQUARE PROPERTY
Location: 14400 WASHINGTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: W.R. GRACE & COMPANY
Location: 2140 DAVIS ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: VIJON LABORATORIES
Location: 2055 ADAMS AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 500 BANCROFT
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Alameda County

Site: UNOCAL
Location: 846 MARINA DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 1903 DOOLITTLE DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 699 LEWELLING BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SVOCO GAS
Location: 15120 HESPERIAN BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: STELLA D'ORO BISCUIT CO.
Location: 1000 MONTAGUE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: STEELFORM CONTRACTING CO.
Location: 14340 WASHINGTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 15275 WASHINGTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SERVICE PLASTERING
Location: 1090 139TH
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SEARS
Location: 2003 WEST AVE & 140TH ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SCHMITZ MEAT
Location: 410 HESTER
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SAN LEANDRO VIII
Location: THORTON & ALVARADO
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SAN LEANDRO SCHOOLS
Location: 1145 ALADDIN DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SAN LEANDRO CHRYSLER
Location: 232 E 14TH ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SAFEWAY MILK PLANT
Location: 2000 ADAMS
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: SAAG'S WAREHOUSE/S.F. NEWSPAPE
Location: 1799 FACTOR AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: ROUSE & ASSOCIATES
Location: 1555 DOOLITTLE DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: ROBINSON AUTO WORKS
Location: 1860 ALVARADO ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: REYNOLDS AND BROWN
Location: 2565 MERCED
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: PUBLIC STORAGE
Location: 15285 HESPERIAN BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: PRODUCTION PATTERN AND FOUNDRY
Location: 700 MARINA BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: PRESCOLITE
Location: 1251 DOOLITTLE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: PETERSON TRACTOR COMPANY
Location: 955 MARINA BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: PENHALL
Location: 13750 CATALINA ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: PARADISO CONSTRUCTION COMPANY
Location: 990 BEECHER ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: PACKAGING INDUSTRIES, INC.
Location: 2450 ALVARADO
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: PACIFIC ELECTRIC SUPPLY
Location: 1906 REPUBLIC AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: NOR CAL WASTE EQUIPMENT
Location: 299 PARK ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: MOORE BUSINESS FORMS
Location: 528 WHITNEY ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: MONTGOMERY WARD
Location: 3000 ALVARADO
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 15199 WASHINGTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 14994 E 14TH ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: MILNE TRUCK LINES
Location: 1750 ADAMS AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: MIDDLETON WELDERS SUPPLY
Location: 1771 TIMOTHY DRIVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: MERCURY ELECTRIC
Location: 2553 NICHOLSON
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: LUCKY DISTRIBUTION
Location: 1701 MARINA BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: LSW
Location: 1880 SAN LEANDRO SUITE200
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: LMC CONSTRUCTION
Location: 1400 E 14TH
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: LIKIT WINDOW
Location: 888 DOOLITTLE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: LEUTENEKER INC.
Location: 476 WHITNEY ST.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: LARSON BROTHERS LUMBER
Location: 14200 WASHINGTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: KERRY & ASSOCIATES
Location: 14180 E 14TH ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: KAYO
Location: 1088 MARINA BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: KANTOZ PROPERTY
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: KAISER ALUMINUM
Location: 1937 DAVIS ST.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: K-MART
Location: 250 FLORESTA
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: HESTER STREET
Location: 425 HESTER ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: GREENHOUSE PLAZA
Location: 699 WASHINGTON AVE.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: GOLDENBERG PROPERTY
Location: 1791 NEPTUNE DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: GOLDEN GRAINS
Location: 1111 139TH AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: GELCO TRUCK LEASING
Location: 2709 TEA GARDEN
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: GASCO
Location: 15201 WASHINGTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: FARIA BROTHERS HARDWARE
Location: 519 MANOR BLVD.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: FAIRMONT HOSPITAL
Location: 15400 FOOTHILL DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: FABRICATED METALS
Location: 2410 MERCED ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: EVERGREEN
Location: 797 MONTAGUE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: EUROCAL
Location: 863 PERALTA
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: EDWARDS HEAT TREATING
Location: 642 MCCORMICK ST.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: ED CHOVANES FORD, INC.
Location: 13889 E 14TH ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: DON DEL CO.
Location: 15636-40 USHER ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: DEL MONTE
Location: 850 THORNTON AVE.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CROWN ZELLERBACH
Location: 2101 WILLIAMS ST.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CRAIN PACIFIC
Location: 2451 POLVOROSA DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CONCRETE WALL SAWING
Location: 14468 WICKS BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: COCA-COLA
Location: 2080 PIKE ST.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: COAST CRANE CO.
Location: 14951 CATALINA
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CINTAS CORPORATION
Location: 777 139TH ST
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 16304 FOOTHILL BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 15002 HESPERIAN BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 13700 DOOLITTLE DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CHERRY BLOSSOM INN/PALMA PROP.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CERT. ENGR. & TESTING
Location: 1997 PIKE ST.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CASE POWER & LIGHTING
Location: 13880 CATALNA
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: CALTRANS - SHOP#4
Location: 1993 MARINA BLVD
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: C.G.A. CORP.
Location: 14100 DOLITTLE DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: C & H DEVELOPMENT
Location: 150TH & E 14TH
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: BEACON
Location: 14798 WASHINGTON AVE
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: BAYFAIR MALL
Location: 248 BAYFAIR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: BAY COUNTY PROPERTIES
Location: 900 DOOLITTLE DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: ATLAS FREIGHT CO.
Location: 993 BEECHER
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: ALL COUNTIES EXPRESS
Location: 863 PERALTA
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: AERVOE PACIFIC
Location: 2420 MERCED ST.
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: ADITOR FARMS
Location: 1400 DOOLITTLE DR
City: SAN LEANDRO
Source: WRCB Problem: TANK LEAK

Site: TROJAN POWDER WORKS COMPANY
Location: 2205 LEWELLING
City: SAN LEANDRO Zip: 94579
Source: DHS1

IMPACT CITY: SAN LORENZO

Site: CUT & READY FOODS
Location: 16505 WORTHLEY DR
City: SAN LORENZO
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 376 LEWELLING BLVD
City: SAN LORENZO
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: NIELSON & GRANT
City: SAN LORENZO
Source: WRCB Problem: TANK LEAK

Site: SHERMAN TRUCKING
Location: 1000 RAILROAD
City: SAN LORENZO
Source: WRCB Problem: TANK LEAK

Site: SAN LORENZO VILLAGE HOMES ASS.
Location: 427 PASEO GRANDE
City: SAN LORENZO
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 15884 HESPERIAN BLVD
City: SAN LORENZO
Source: WRCB Problem: TANK LEAK

Site: KAYO
Location: 44 LEWELLING BLVD
City: SAN LORENZO
Source: WRCB Problem: TANK LEAK

Site: GALLO
Location: 2411 BAUMANN
City: SAN LORENZO
Source: WRCB Problem: TANK LEAK

Site: CROWN METAL MANUFACTURING
Location: 16525 WORTHLEY DR.
City: SAN LORENZO
Source: WRCB Problem: TANK LEAK

IMPACT CITY: SUNOL

Site: SF WATER DEPT/PUBLIC WORKS
Location: 8653 CALAVERAS RD
City: SUNOL
Source: WRCB Problem: TANK LEAK

Site: S.F. WATER DEPARTMENT
Location: 505 PALOMA WAY
City: SUNOL
Source: WRCB Problem: TANK LEAK

Site: LOUTHAN PROPERTY
Location: 11930 MAIN ST
City: SUNOL
Source: WRCB Problem: TANK LEAK

Alameda County

Site: EAST BAY REGIONAL PARK DIST.
Location: GEARY RD
City: SUNOL
Source: WRCB Problem: TANK LEAK

IMPACT CITY: * UNION CITY

Site: J.A.M. COMPANY
Location: 29899 UNION CITY BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: A AND H STEEL
Location: 1000 WHIPPLE ROAD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: MASONIC HOMES OF CALIF
Location: 34300 MISSION BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: ORSETTI PROPERTY
Location: 29990 UNION CITY BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: DYER & ALVARADO BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: CITY OF UNION CITY/CORP. YARD
Location: 34900 ALVARADO-NILES RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: YOUNG'S MARKET COMPANY
Location: 1600 WHIPPLE RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: WINCHELL'S DONUTS
Location: 30150 AHEARN ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: VANDERSON CONSTRUCTION
Location: N DYER TRIANGLE
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: UNOCAL
Location: 34000 ALVARADO-NILES RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: UNKNOWN
Location: 34200 7TH ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 33365 MISSION
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: UNITED STATES PIPE
Location: 1295 WHIPPLE RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: UNION CITY TEEN CENTER
Location: 33623 MISSION BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: THIELS TIRE SERVICE
Location: 1147 ATLANTIC AVE
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 2601 DECOTO RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: TEXACO
Location: 1998 W WHIPPLE RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 32187 ALVARADO-NILES RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 31889 ALVARADO BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 31301 ALVARADO-NILES BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: SHELL
Location: 2001 DECOTO RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: SAN LEANDRO DISTRIBUTION CNTR
Location: 33300 DOWE AVE
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: SAN FRANCISCO NEWSPAPER AGENCY
Location: 1550 PACIFIC ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: S.T.M., INC.
Location: 33395 RAILROAD AVE
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: RAPID STEEL CO.
Location: 30113 UNION CITY BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: RANDY'S FROZEN MEATS
Location: 30593 UNION CITY BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: PEN BULLET EXPRESS
Location: 1143 PACIFIC ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: PACIFIC CROWN DISTRIBUTORS
Location: 30022 AHERN ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: PAC BELL
Location: 118 E ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: ORCON CORPORATION
Location: 1570 ATLANTIC ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: NEW HAVEN UNIFIED SCHOOL DSTR.
Location: 3636 SMITH ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 94544 MISSION BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 31901 ALVARADO BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: MOBIL
Location: 31300 ALVARADO-NILES RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: MISSION UNIFORM & LINEN SERVIC
Location: 30305 UNION CITY BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: MISSION LINEN SERVICE
Location: 33000 UNION CITY BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: MEEK'S CAMPERS
Location: 33503 MISSION BLVD.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: MCKESSON CHEMICAL CO.
Location: 33950 7TH ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: MARKSTEIN BEVERAGE COMPANY
Location: 2900 VOLPEY WAY
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: LINCOLN PROPERTY
Location: 1200 WHIPPLE RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: LIBERTY SERVICE STATION
Location: 967 H ST.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: KITAYAMA BROS.
Location: 2324 ABREU RD.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: JOHNSON INVESTMENT CORP
Location: 33379 RAILROAD AVE
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: J&G UNION CITY GLASS
Location: 3992 HORNER ST.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: J&B FERTILIZER CO.
Location: 32650 ALMADEN BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: INDUSTRIAL PALLET
Location: 31278 VEASY ST.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: HIRAMINE NURSERY
Location: 32727 ALVARADO-NILES BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: HIGGINS LUMBER
Location: 600 DAGGETT
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: GUTHMILLER TRUCKING
Location: 30700 DYER ST.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: FLORSTONE PRODUCTS
Location: 4700 HORNER
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: FICKES TRUCKING
Location: 30319 UNION CITY BLVD.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: DISTILLERS COMPANY LTD.
Location: 1350 ATLANTIC
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: CONTINENTAL CAN CO.
Location: 33280 CENTRAL AVE
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: CITY OF UNION CITY/CIVIC CENT.
Location: 34009 ALVARADO-NILES RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 31890 ALVARADO BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1990 DECOTO RD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: CHEVRON
Location: 1790 WHIPPLE ROAD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: CHEMESCO
Location: 1 TARA CT
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: CFS CONTINENTAL
Location: 30315 UNION CITY BLVD.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: BOLDEMANN CHOCOLATE COMPANY
Location: 1515 PACIFIC ST
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: BEMIS BAG
Location: 30300 UNION CITY BLVD.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: ALVARADO WASTEWATER TREATMENT
Location: 5072 BENSON RD
City: UNION CITY

Site: ALVARADO PLAZA
Location: 32655 ALVARADO BLVD
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: ALL COUNTIES EXPRESS
Location: 30664 DYER ST.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: AJM BUILDING MATERIALS, INC.
Location: 30100 UNION CITY BLVD.
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: WESTERN PACIFIC/IT CORP.
Location: 33063 WESTERN AVE
City: UNION CITY
Source: WRCB Problem: TANK LEAK

Site: U. S. PIPE AND FOUNDRY COMPANY
Location: 1295 WHIPPLE ROAD
City: UNION CITY Zip: 94587
Source: DHS5

Site: PACIFIC STATES STEEL
Location: 35124 ALVARADO-NILES ROAD
City: UNION CITY Zip: 94587
Source: DHS5

Site: R. J. CHASE COMPANY
Location: 4000 TARA COURT
City: UNION CITY Zip: 94587
Source: DHS1

Site: FOREMOST-MCKESSON CO
Location: 33950 SEVENTH ST.
City: UNION CITY Zip: 94587
Source: DHS1

APPENDIX D

STATE WATER RESOURCES CONTROL BOARD REPORT ON RELEASES OF HAZARDOUS SUBSTANCES FROM UNDERGROUND STORAGE TANKS CITY OF ALAMEDA SECTION

TABLE 4 - YEARLY REPORT FOR UNDERGROUND STORAGE TANK LEAKS
JANUARY 1, 1989

REGION	FACILITY/SITE	ADDRESS	CITY	SUBSTANCE	GALS LOST	DATE REPORTED	DATE OF LAST UPDATE	CASE TYPE	STATUS	REMEDIAL ACTION CODES	LEAD AGENCY
** COUNTY ALAMEDA											
02	ALAMEDA NAVAL AIR STATION		ALAMEDA	MISC MVF		/ /	/ /	U	N	NT	U
02	NCPA/TODD SHIPYARD		ALAMEDA	MISC MVF		07/28/88	/ /	G	N	NT	U
02	US NAVY: ALAMEDA AIR STATION		ALAMEDA	NOT REPORTED		/ /	/ /	U	N		U
02	NAS GAS STATION	ATLANTIC & MAIN	ALAMEDA	GASOLINE		08/04/86	/ /	U	N	NT	U
02	ALPHA BETA	BLANDING/BROADWAY	ALAMEDA	NOT REPORTED		/ /	/ /	U	N		U
02	PARADISO CONSTRUCITON COMPANY	2100 CENTRAL AVE	ALAMEDA			08/07/86	/ /	U	N	NT	U
02	AUTOMOTIVE AUTO REPAIR	2425 CENTRAL AVE.	ALAMEDA	NOT REPORTED		/ /	/ /	U	N		U
02	ALAMEDA MUNICIPAL GOLF COURSE	CLUBHOUSE MEMORIAL R	ALAMEDA	WASTE OIL		/ /	/ /	U	N	ET	U
02	FERMA CORPORATION	DAVIS/SAN LEANDRO	ALAMEDA	NOT REPORTED		08/27/87	/ /	U	N	NT	U
02	CHEVRON	FERNSIDE/GIBBONS	ALAMEDA	NOT REPORTED		/ /	/ /	U	N		U
02	PENNZOIL GAS STATION	2015 GRAND AVE	ALAMEDA	GASOLINE		/ /	/ /	G	I	UK	U
02	ALAMEDA FIRE STATION #3	1703 GRAND ST.	ALAMEDA	DIESEL		/ /	/ /	G	N	NT	U
02	ENCINAL MARINA	2051 GRANT ST.	ALAMEDA	GASOLINE		08/03/87	/ /	G	I	NT	U
02	TEXACO	1357 HIGH ST	ALAMEDA	NOT REPORTED		/ /	/ /	U	N		U
02	TRACT 5716	INDEPENDENCE WAY	ALAMEDA	NOT REPORTED		/ /	/ /	U	N		U
02	NORTHERN CALIFORNIA POWER	2900 MAIN	ALAMEDA	GASOLINE		07/01/85	/ /	U	N	NT	U
02	NORMANDY PROJECT	MECARTNEY RD	ALAMEDA	GASOLINE		04/15/87	/ /	G	N	NT	U
02	ALAMEDA POLICE DEPARTMENT	1555 OAK ST	ALAMEDA	DIESEL		/ /	/ /	G	N	NT	U
02	ARCO	1260 PARK	ALAMEDA	WASTE OIL		07/02/87	/ /	U	R	ED	U
02	GOOD CHEVROLET	1630 PARK	ALAMEDA	GASOLINE		05/21/87	/ /	G	I	NT	U
02	BIG O TIRE	1200 PARK ST	ALAMEDA	NOT REPORTED		/ /	/ /	U	N		U
02	MOBIL	1541 PARK ST	ALAMEDA	NOT REPORTED		/ /	/ /	U	N		U
02	REGAL/EXXON	1725 PARK ST	ALAMEDA	GASOLINE		08/09/88	/ /	G	I	NT	U
02	ALAMEDA COLLISION	1911 PARK ST	ALAMEDA	GASOLINE		07/29/88	/ /	G	N	NT	U
02	MERRITT TIRE	2501 SANTA CLARA ST.	ALAMEDA	GASOLINE		05/25/88	/ /	U	N	NT	U
02	ALAMEDA MARINA VILLAGE	2051 SHERMAN RD	ALAMEDA	DIESEL		09/20/88	/ /	G	P	ET	U
02	MARINA VILLAGE	2051 SHERMAN ROAD	ALAMEDA	GASOLINE		09/28/88	/ /	U	R	RS	U
02	SOUTHSHORE CARWASH	2351 SHORELINE DR	ALAMEDA	NOT REPORTED		01/11/85	/ /	U	N		U
02	HOUSING AUTHORITY-ALAMEDA	1916 WEBSTER STREET	ALAMEDA	GASOLINE		02/26/87	/ /	G	I	ET	U
02	ALCAN POWDERS & PIGMENTS	2ND ST.	ALBANY	NOT REPORTED		/ /	/ /	U	N		R
02	ARCO	1001 SAN PABLO AVE	ALBANY	MISC MVF		05/03/88	/ /	U	N	NT	U
02	MEYER SOUND	2832 SAN PABLO AVE	BERKELEY	NOT REPORTED		/ /	/ /	U	N		R

APPENDIX B

GEOPHYSICAL REPORT

RESULTS OF THE GEOPHYSICAL INVESTIGATIONS CONDUCTED AT THE PARKING LOT AT 1700 WEBSTER STREET IN ALAMEDA, CALIFORNIA

Date of Investigation: January 2, 1991

Contents

SPECTRUM E.S.L.
Environmental Geophysics

RESULTS OF THE GEOPHYSICAL INVESTIGATION CONDUCTED AT THE PARKING LOT LOCATED AT 1700 WEBSTER STREET IN ALAMEDA, CALIFORNIA

Introduction On January 2, 1991 Spectrum Environmental Services, Inc. conducted a magnetics and ground penetrating radar (GPR) investigation of the parking area located at 1700 Webster Street in Alameda, California. The purpose of the investigation was to identify areas where underground storage tanks (USTs) may be buried.

Methods Our approach to this investigation was to conduct a total field magnetics investigation of the area of interest (as delineated by ERCE personnel) for significant magnetic anomalies that may be the result of USTs (see Figure One). East to west traverses spaced 10 feet apart were established by Spectrum with magnetics data collected at 10 foot intervals along each traverse. The background magnetic field strength was measured at about 49,500 gammas with generally good data repeatability. GPR was utilized to investigate the significant anomalies in an effort to determine their source.

The equipment used in this investigation included a proton precession magnetometer, standard line location techniques, and a GPR unit with a 500 MHz antenna.

Results Two significant magnetics anomalies were noted; an approximately 2,000 gamma anomaly located in the southern portion of the investigated area and an approximately 2,500 gamma in the northwestern corner (see Figures One and Two).

The GPR investigation of the southernmost anomaly produced very strong evidence of a 500 gallon UST buried approximately 4 feet deep. Five proposed exploratory boring sites around this suspected UST were investigated for detectable obstructions to drilling using both GPR and standard line location techniques.

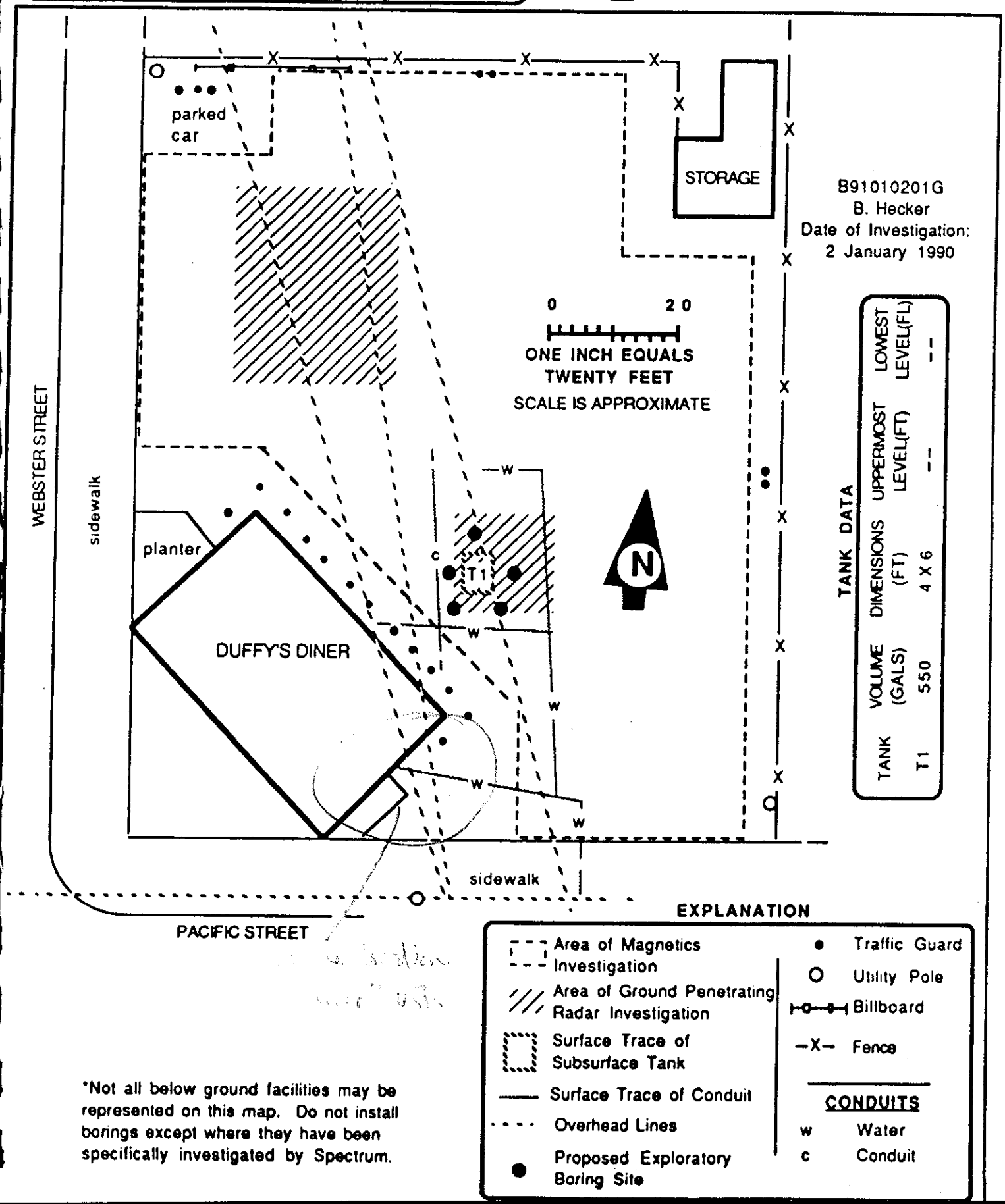
The northernmost anomaly did not produce GPR data consistent with an UST although the data did suggest the existence of reinforced concrete just below the surface in this area. This reinforced concrete could account for the anomaly noted in the magnetics data in this area.

R. Allan Payne
California Reg. Geophysicist #GP 940
Northern California Office Manager

FIGURE ONE

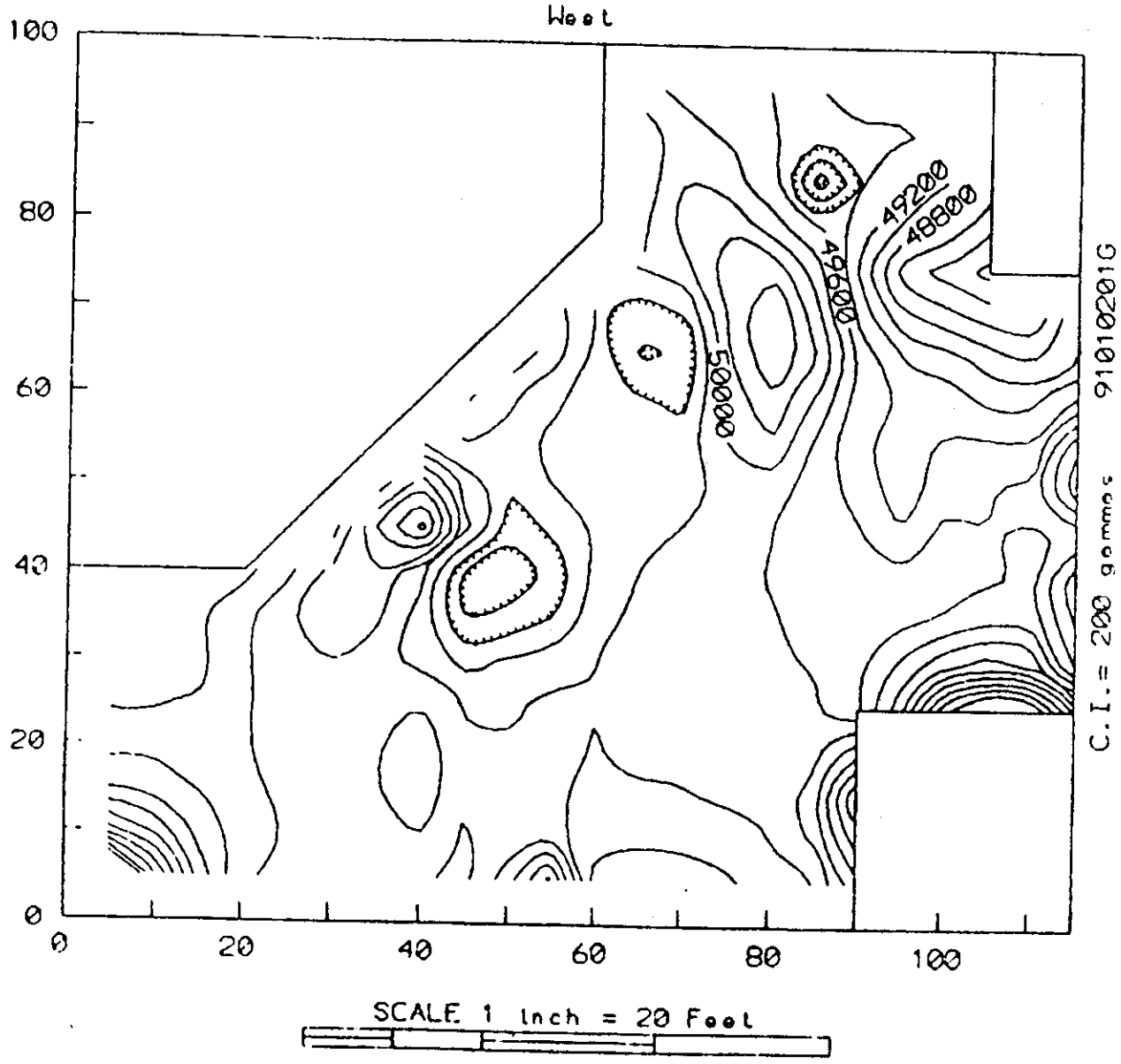
AREA OF GEOPHYSICAL INVESTIGATIONS ON A PORTION OF THE PROPERTY AT 1700 WEBSTER STREET, ALAMEDA, CALIFORNIA*

SPECTRUM E.S.I.
Environmental Geophysics



*Not all below ground facilities may be represented on this map. Do not install borings except where they have been specifically investigated by Spectrum.

Figure Two Magnetics Contour Map



APPENDIX C

CLOSURE PERMIT APPLICATION

PLUMBING & MECHANICAL PLANS
APPROVED
4-10-91
Donald J. Rodrigues
Donald J. Rodrigues,
Sr. Plbg. & Mech. Insp.

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

CITY OF ALAMEDA
PLANNING DEPARTMENT
ZONING REGULATIONS
☒ approved
☐ disapproved
☐ approved with conditions
date 4-10-91

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

1. **Business Name** Ryder Service Corporation

   Business Owner Same

2. **Site Address** 1700 Webster St.

   City Alameda **Zip** 94501 **Phone** 212 868-5412 none

3. **Mailing Address** Facilities and Planning Services Two Pennsylvania Plaza

   City New York, New York **Zip** 10121 **Phone** _____

4. **Land Owner** Same as Above

   Address _____ **City, State** _____ **Zip** _____

5. **EPA I.D. No.** CAC000565568

6. **Contractor** Placer Tractor Service

   Address P.O. Box 170

   City Loomis, CA 95650 **Phone** 916 652-5535

   License Type A **ID#** 68-0022375

7. **Consultant** E.R.C.E.

   Address 210 Sears Street, Suite 1660

   City San Francisco, CA 94105 **Phone** 415 227-4376

The Department must witness ... ground Tanks, and all State and ... must be met.
By [signature] Date 4-10-91

Project # US923356
Paid $432.00
2/27/91

ALL WORK MUST BE INSPECTED
BY THE PLUMBING/MECHANICAL DIVISION
Call 748-4553 8:30 AM to 10:00 AM
24 Hours in Advance

8. Contact Person for Investigation

Name Al Oesterling of Placer Tractor Title Supervisor

Phone 916-652-5535

9. Total No. of Tanks at facility 1

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

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name Evergreen Environmental EPA I.D. No. CAD980695761

Address 6880 Smith Avenue

City Newark State CA Zip 94560

b) Rinsate Transporter

Name Placer Tractor Service EPA I.D. No. CAD 982040206

Address P.O. Box 170

City Loomis State CA Zip 95650

c) Tank Transporter

Name Placer Tractor Service EPA I.D. No. CAD 982040206

Address P.O. Box 170

City Loomis State CA Zip 95650

d) Tank Disposal Site

Name Erickson Inc. EPA I.D. No. CA

Address 255 Parr Blvd, Richmond, CA 94801

City Richmond State CA Zip 94801

e) Contaminated Soil Transporter

Name Placer Tractor Service EPA I.D. No. CAD 982040206

Address P.O. Box 170

City Loomis State CA Zip 95650

Sample Collector

Name ~~XXXXXXXXX~~ Eugenio Diaz

Company E.R.C.E.

Address 210 Spars Street, Suite 1660

City San Francisco State CA Zip 94105 Phone 415 227-4370

13. Sampling Information for each tank or area

Tank or Area		Material sampled	Location & Depth
Capacity	Historic Contents (past 5 years)		
550 gal	Waste Oil	soil	Center or Fill End no more than 2', below ~~tank~~ native soil backfill interface

* One soil sample must be collected for every 20 feet of piping removed.

* A groundwater sample must be collected should groundwater be present in the excavation.

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

If yes, describe. _____

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

If yes, describe. Dry ice

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

16. Laboratories

Name Analytical Technologies, Inc.

Address 5550 Morehouse Drive

City San Diego State CA Zip 92121

State Certification No. 1229 ~~#####~~ Unknown

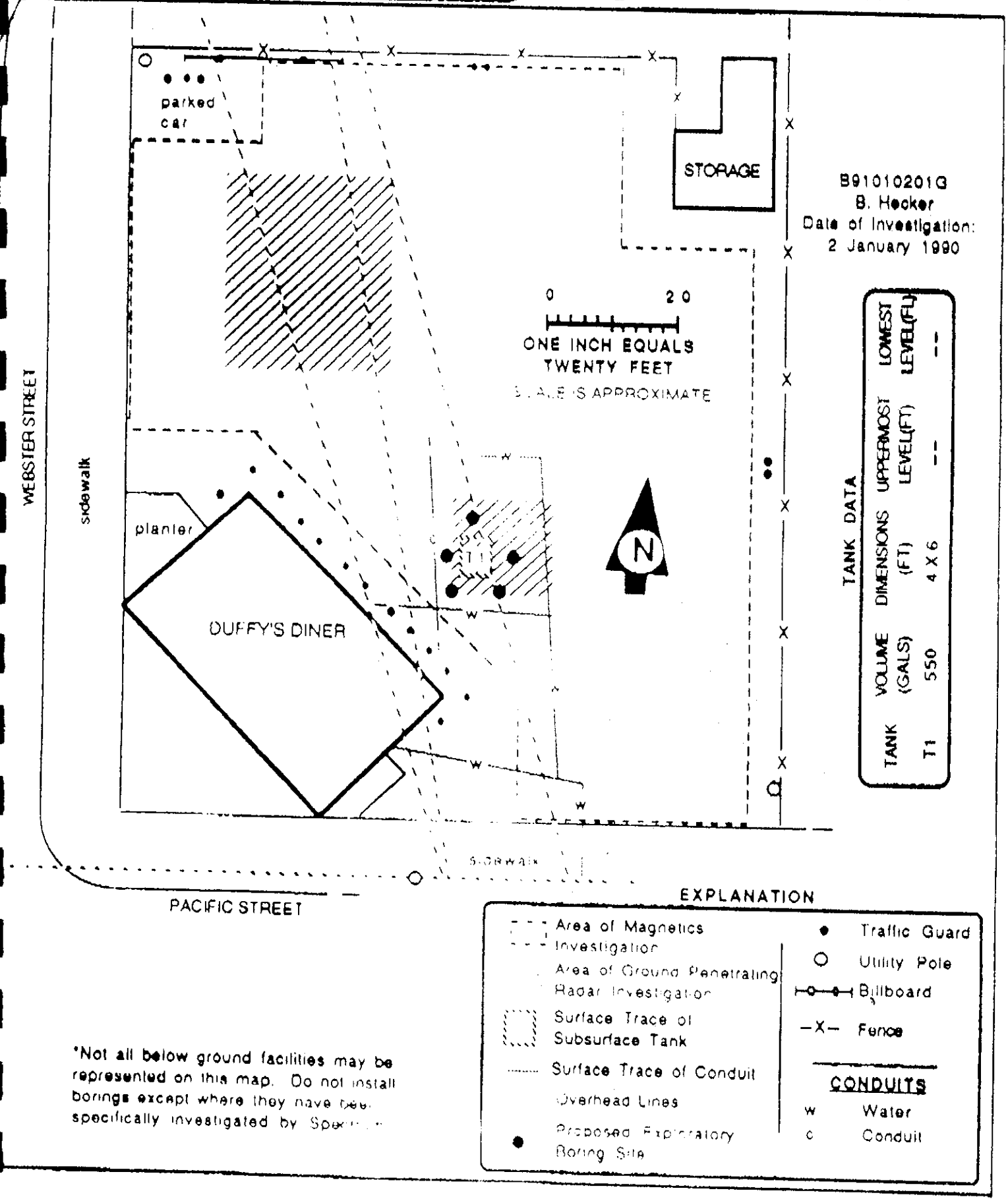
* Before tanks are pumped out, all accessible piping must be flushed out into the tank. All accessible exposed piping must then be removed. Inaccessible piping must be plugged.

FIGURE ONE

REA OF GEOPHYSICAL INVESTIGATIONS ON A ORTION OF THE PROPERTY AT 1700 WEBSTER STREET, ALAMEDA, CALIFORNIA*

SPECTRUM E.S.I.

Environmental Geophysics



*Not all below ground facilities may be represented on this map. Do not install borings except where they have been specifically investigated by Spectrum.

17. Chemical Methods to be used for Analyzing Samples

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Number
See attached Table # 2. Waste oil analyses & explanation for required detection limits.		

18. Submit Site Safety Plan

19. Workman's Compensation: Yes [X] No [ ]

Copy of Certificate enclosed? Yes [X] No [ ]

Name of Insurer California Comp.

20. Plot Plan submitted? Yes [X] No [ ]

21. Deposit enclosed? Yes [X] No [ ]

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

a) Chain of Custody Sheets

b) Original Signed Laboratory Reports

c) TSD to Generator copies of wastes shipped and received

d) Attachment A summarizing laboratory results

RD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)
7-3-90

Mother Lode Insurance
P. O. Box 1310
Shingle Springs, CA 95682

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW

CODE SUB-CODE

SURED

Placer Tractor Service
7200 Walla Ave.
Loomis, CA 95650

COMPANIES AFFORDING COVERAGE

COMPANY LETTER A — Maryland Casualty
COMPANY LETTER B — Progressive
COMPANY LETTER C — California Compensation
COMPANY LETTER D
COMPANY LETTER E

OVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS IN THOUSANDS	
	GENERAL LIABILITY					
A	X COMMERCIAL GENERAL LIABILITY				GENERAL AGGREGATE	$ 2,000
	CLAIMS MADE X OCCUR.	02017085	6/9/90	6/9/91	PRODUCTS-COMP/OPS AGGREGATE	$ 2,000
	OWNER'S & CONTRACTOR'S PROT.				PERSONAL & ADVERTISING INJURY	$ 2,000
					EACH OCCURRENCE	$ 2,000
					FIRE DAMAGE (Any one fire)	$ 50
					MEDICAL EXPENSE (Any one person)	$ 5
	AUTOMOBILE LIABILITY					
	ANY AUTO	6422740	4/28/90	4/28/91	COMBINED SINGLE LIMIT	$ 1,000
BX	ALL OWNED AUTOS					
	SCHEDULED AUTOS				BODILY INJURY (Per person)	$
	HIRED AUTOS					
	NON-OWNED AUTOS				BODILY INJURY (Per accident)	$
	GARAGE LIABILITY					
					PROPERTY DAMAGE	$
	EXCESS LIABILITY				EACH OCCURRENCE	AGGREGATE
					$	$
	OTHER THAN UMBRELLA FORM					
	WORKER'S COMPENSATION				STATUTORY X	
C	AND	W0703818	7/17/89	7/17/91	$	(EACH ACCIDENT)
	EMPLOYERS' LIABILITY				$	(DISEASE—POLICY LIMIT)
	OTHER				$	(DISEASE—EACH EMPLOY

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/RESTRICTIONS/SPECIAL ITEMS

All California Operations

CERTIFICATE HOLDER

Insured

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

ORD 25-S (3/88)

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 Saftey and Health Administration) requirements concerning personnel and safety.

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

Signature of Contractor

Name (please type) Cathy Thomas

Signature C J Thomas

Date Feb. 20, 1991

Signature of Site Owner or Operator

Name (please type) Tim Cook

Signature Tim Cook - by DTS.

Date Feb. 20, 1991

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)

PLACER TRACTOR SERVICE

SITE SAFETY & UNDERGROUND FUEL TANK CLOSURE PLAN

Placer Tractor Service is pleased to submit this workplan for the Underground Fuel Tank Removal project listed below:

A. Project Name & Address: ODGEN SERVICE CORP.
Facilities & Planning Services
New York, N.Y. 10121

Job Location (if different)

Phone Number: 212-868-5412

B. Projected State Date: March 7, 1991

C. Project Manager: AL OESTERLING OR RODGER THOMAS

D. Site History:

Tank Size	Tank Contents	Fiberglass/Steel
550	Waste Oil	Steel

CONTINUED ON PAGE 2

SECTIONS;

I. Project Description

II. Task Risk Analysis and Safety & Health Plan
A) Underground fuel tank removal

III. Contractor Certification

IV. Emergency Response Plan

SECTION I; PROJECT DESCRIPTION

A) All product shall be removed from tanks prior to excavation. Any product remaining will be vacuumed out and manifested by Placer Tractor Service, EPA # CAD982040206, DOH # 2350. Disposal facility will be Evergreen Enviromental, EPA #CAD980695761 at 6880 Smith Ave., Newark, CA. 94560.

B) All vapors will be purged from tanks at least one - two hours prior to removal by using at least 30 pounds of carbon dioxide (dry ice) per 1,000 gallon tank capacity. A LEL meter will be on site to check the tank(s) for explosive levels before the tank is removed, in addition to two fire extinguishers. We also have an PID meter on site to measure Total Petroleum Hydrocarbons.

C) Tanks and associated piping will be removed by Placer Tractor Service. Customer will receive a Certified Disposal Receipt that tanks were cut up for scrap (if tanks were steel) or smashed and disposed of at a landfill (if tanks were fiberglass). Tanks that are disposed of as hazardous will be manifested to Erickson Inc. in Richmond, EPA # CAD009466392. The disposal site for non-hazardous tanks will be Schnitzer Steel, 12000 Folsom Blvd., Rancho Cordova, CA.

D) Clean excavated material will be stockpiled onsite for use in backfilling the excavation site.

CONTINUED ON PAGE 3

E) The local agencies have been notified of the removal date and will be present when the tank(s) are removed to make a visual inspection and determine what soil samples will be taken

F) Placer Tractor Service will arrange to have Alpha Analytical Laboratory take the required soil samples unless arrangements have been previously made by the owners. Alpha Analytical is State Certified (#124) for Hazardous Waste samples and results are usually received within five to seven working days, unless contract requires 24 - 48 hour results.

G) Onsite Personnel:

1) The following personnel are designated to carry out job functions as needed onsite. They all have been certified in Hazardous Waste and Safety Training and CPR.

Rodger Thomas	Cathy Thomas	Albert Oesterling
Ken Noel	Mac McConnell	Bill Teal
Lori Thomas	Danny Inman	Roger Brett
Ken Bolton	Lynn Selzer	

H) Local Agencies:

Alameda County Enviromental Health
City of Alameda Fire

SECTION II: RISK ANALYSIS & SAFETY AND HEALTH PLAN

1. Tasks Planned:

A. Underground Tank Removal - Excavation
B. Rinsing fuel tanks and inerting with dry ice
C. Soil Sampling
D Fill in excavation and resurface

CONTINUED ON PAGE 4

2. Hazardous Materials Anticipated:

A. Gasoline - Inhalation can cause headaches, blurred vision, dizziness and nausea.
B. Benzene - High energy component of gasoline, usually present in concentrations between 0.8 - 2.0%. Benzene is a known carcinogen.
C. Xylenes - Flammable and less toxic than benzene; may be narcotic in high concentrations.
D. Toluene - Flammable, may be narcotic in high concentrations and may cause mild macrocytic anemia.
E. Diesel and/or Waste Oil
F. TCE
G. Solvents

3. Personnel Protection Equipment:

A. Appropriate skin protection/clothing (tyvek suits if necessary)
B. Air purifying respirator
C. Hard hat and safety glasses
D. Gloves & Steel toed boots
E. Hearing protection (if necessary)
F. Eye wash and First Aid kits in trucks

4. Site Control:

A. A 7' cyclone fence will be installed around excavated area if found to be contaminated and cannot be backfiled. This may be responsibility of owner or Placer Tractor Service (please see contract).

5. Hazardous Waste Management:

A. This project will generate hazardous wastes (rinseate) which will be transported for recycling on a manifest. See Section 1A on Closure Plan.

CONTINUED ON PAGE 5

OCCUPATIONAL SAFETY AND HEALTH CERTIFICATION

PROJECT: ODGEN SERVICE CORP.
CONTRACTOR: PLACER TRACTOR SERVICE

Contractor certifies that the following personnel employed on the project above have met the following requirements of the OSHA Hazardous Waste Operations Standard (29 CFR 1910.120) and other applicable OSHA standards.

PERSONNEL	TRAINING	RESPIRATOR CERTIF.	MEDICAL EXAM
Al Oesterling	yes	yes	yes
Cathy Thomas	yes	yes	yes
Ken Noel	yes	yes	yes
Lori Thomas	yes	yes	yes
Rodger Thomas	yes	yes	yes
Bill Teal	yes	yes	yes
Mac McConnell	yes	yes	yes
Danny Inman	yes	yes	yes
Lynn Selzer	yes	yes	yes

All employees are current trained for CPR, Safety Training and Respirator Fit tested.

Contractor certifies that he/she has received a copy of the Site Safety and Health Plan and will ensure that its employees are informed and will comply with its requirements.

Contractor further certifies that it has read and understands and will comply with all provisions of its contractual agreement.

SIGNED: Cathy Thomas DATE: 2/19/91

CONTINUED ON PAGE 6

SECTION III: EMERGENCY RESPONSE PLAN

1. If an accident should occur, employees should first call 911 if it is an emergency. If it is not of emergency nature then the employee shall be brought to the nearest hospital (see attached page for map to hospital).

DIRECTIONS TO HOSPITAL

MERRITT HOSPITAL
350 HAWTHORNE
OAKLAND, CA. 94609

415-655-4000

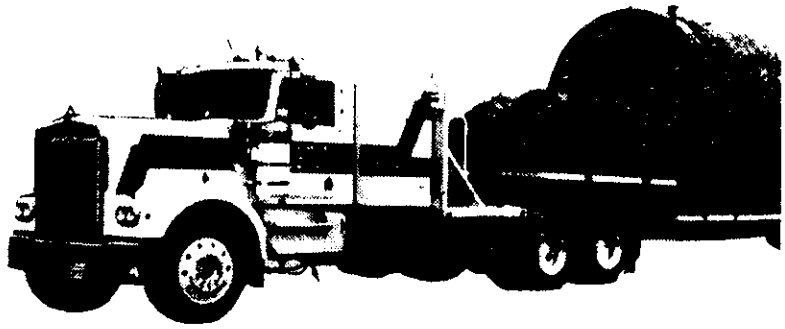
WEBSTER ST. NORTH TOWARDS LAKE MERRITT

WEBSTER RUNS INTO HAWTHORNE AT HOSPITAL

Placer Tractor Service
7200 Wells Avenue
Loomis, California 95650
(916) 652-5535 • FAX (916) 652-9624

EPA #CAD 982040206
A - General Engineering
B - 1 General Building
Contractors License #440591

DOH Hauler #2350
C - 2 Insulation
C - 10 Electrical
PUC #152608



PROCEDURES FOR UNDERGROUND TANK REMOVAL BY PLACER TRACTOR SERVICE

A. REMOVE ALL RESIDUAL COMBUSTIBLE/FLAMMABLE LIQUIDS FROM THE LINES AND TANKS

Placer Tractor Service will remove residual liquid in the tank with it's vacuum truck. Customer may be responsible for additional cost if not included in contract. All residual liquids removed are considered hazardous waste and will be manifested to a TSDF facility.

B. INITIAL EXCAVATION

1. Placer Tractor shall remove asphalt and/or concrete cover as necessary to expose storage tank and piping. Asphalt and/or concrete will be cut at right angles (90 degrees) to allow appropriate site restoration. Placer Tractor is responsible for disposal of all removed asphalt or concrete.

2. Placer Tractor shall remove sufficient backfill to expose the tank top, sides, and piping. The site inspector will investigate the excavated area for evidence of contamination.

C. DISCONNECT AND RINSE PIPING

All piping shall be rinsed and removed or capped.

D. INERT TANKS

1. Flammable vapors will be expelled by inserting a minimum of twenty pounds of solid carbon dioxide (dry ice) per 1000 gallons of tank volume.

2. All piping shall be disconnected from the tanks and all tank openings securely sealed. One 1/8 inch vent hole will be left open at the high point of the tank to allow flammable vapors to escape.

3. A minimum of two hours must be allowed for the vapors to expel once the dry ice has been introduced into the tank and the tank properly sealed.

4. A LEL meter will be on site to measure any oxygen/explosive levels as well as a PID meter to measure any Total Petroleum Hydrocarbons.

E. TANK AND PIPING REMOVAL

1. Soil suspected to contain hydrocarbons or any contaminates will be segregated and placed on visqueen. Placer Tractor Service will keep separate any suspected contaminated soil from clean soil.

2. The tanks shall be lifted from the excavation with a backhoe or excavator of sufficient weight capacity, and placed on smooth ground free of rocks and/or other foreign objects for inspection.

3. All piping shall be removed as practical. Piping that, in the judgment of Placer Tractor, cannot be removed must be brought to the attention of the site inspector who will have the final authority to allow piping to be left in place. All piping left in place must be capped off at all openings.

4. The pump island will be removed and disposed of by Placer Tractor if agreed to in contract.

F. TANKS ABANDONED IN PLACE

1. The underground storage tank will be pumped of all liquid or sludge. The tank will then be triple rinsed and filled with a two sack slurry concrete mix.

CONTINUED ON PAGE 3

2. A notice shall be placed in the deed of the property by the owner. The notice shall describe the exact location of the closed underground storage tank, the substance it contained and the closure method.

G. DECONTAMINATE TANKS

The interior of the tanks will be pressure washed per the specifications of NFPA 327. The equivalent of a triple rinse of water and degreasing solution generating a minimum of two percent of the tank volume.

H. DISPOSAL OF TANKS

Placer Tractor is responsible for removal and disposal of the tanks and all associated piping from the site, unless contract states other arrangements. A Certificate of Disposal will be supplied to the owner stating the final disposition of the tank(s). All of the tanks will be smashed or cut up for scrap.

If tanks are to be disposed of as hazardous they will be transported to Erickson, Inc. in Richmond on a manifest.

I. BACKFILLING TANK EXCAVATION

Placer Tractor will be responsible for providing additional clean backfill, free of foreign material or rocks greater than 3" in any dimension.

The backfill will be compacted in loose lifts not exceeding 8 inches in thickness. Backfill should be moisture conditioned to 1-3% over optimum moisture content, and compacted to 90 percent relative compaction to within 12 inches of subgrade in accordance with ASIM 1557-D. The remaining 12 inches must be compacted to a minimum of 90 percent relative compaction.

CONTINUED ON PAGE 4

J. ASPHALT/CONCRETE PAVING

The disturbed area shall be resurfaced with asphalt or concrete to a condition, thickness, and grade equivalent to the surrounding area unless contract specifies otherwise. Resurfacing finish grade shall match existing grade of the undisturbed area. Placer Tractor shall;

1. Cover excavated areas with a minimum compacted thickness of 10 inches of aggregrate base material. Base material will consist of Class 2 aggregate; a maximum of 1 1/2 inches in diameter. Base material will be compacted to 95 percent relative compaction. Surfaces to receive asphalt/concrete shall be dry and clean of loose material.

2. Placer Tractor shall apply three (3) inches of Type B asphalt. Asphalt binder shall be grade AR 2000 paving asphalt. Aggregate shall be 1 1/2 inch maximum, medium grade.

K. SOIL DISPOSAL REMEDIATION

Hydrocarbon impacted soils will either be shipped for disposal at a permitted disposal facility or remediated on-site. The remediation decision will be determined following removal of tanks, and will be based on actual quantity of excavated impacted soils, soil sample results, type of constituents, and requirements of the local County Department of Environmental Health.

1. Disposal: Placer Tractor Service will load, transport and dispose of hydrocarbon impacted soils in a permitted landfill facility. Placer Tractor Service has a current EPA Hazardous Waste Haulers permit (#2350) and our EPA #CAD982040206. Proper manifesting of wastes will be required before waste will be allowed to leave the site. All trucks are lined with visqueen and tarped.

CONTINUED ON PAGE 5

L. SITE INSPECTION

The site inspector will be designated by the County or City to oversee Placer Tractor's compliance with any contract. The inspector will specifically perform the following items;

1. Inspection of the tank and excavation for evidence of leakage following removal.

2. Examination of import fill, backfill compaction, and asphalting/or concreting to specifications.

3. Approval of manifest for waste disposal and/or rinse disposal.

4. Final site inspection for cleanup and completion of work tasks.

M. REMOVAL OF UNDERGROUND TANKS

The safe removal of underground tanks can be accomplished by taking the steps described below;

1. Drain and flush the piping into the tank.

2. Remove all liquids from the tank which can be pumped out with Placer Tractor's vacuum truck.

3. Dig down to the top of the tank and expose the sides.

4. Remove the fill tube. Disconnect the fill, gauge, product and vent lines. Cap or plug open ends of lines which are not to be used.

CONTINUED ON PAGE 6

5. Triple rinse the tank - see Section #G.

6. Remove flammable vapors. The tank will be conditioned by the method described in Section #G. The vapors will also be made inert by adding solid carbon dioxide (dry ice) in the amount of twenty pounds per 1000 gallons of tank capacity. The dry ice should be crushed or sliced and distributed evenly over the greatest area to secure rapid evaporation. Avoid skin contact with dry ice because it will produce burns. As the dry ice vaporizes flammable vapors will flow out of the tank and may surround the area. Observe all normal safety precautions regarding flammable vapors. Make sure that all of the dry ice has vaporized.

7. Temporarily plug all tank openings, complete the excavation, and remove the tank, placing it in a secure location. Block the tank to prevent movement if needed.

8. After the tank has been freed of vapors and before the tank is removed from from the site, plug or cap all holes. Use boiler plugs to plug any corrosion leak holes. The plug should have a 1/8 inch vent hole to prevent the tank from being subjected to an excessive pressure differential caused by extreme temperature changes.

9. Finally the tank should be secured on a trailer for transportation to the disposal site. The tank should be secured so that the 1/8 inch vent hole is located at the uppermost point on the tank.

TABLE #2
RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND TANK LEAKS

HYDROCARBON LEAK	SOIL ANALYSIS	WATER ANALYSIS
Unknown Fuel	TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) TPH D GCFID(3510) BTX&E 602, 624 or 8260
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA ------Optional------- TEL DHS-LUFT EDB DHS-AB1803	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA TEL DHS-LUFT EDB DHS-AB1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602, 624 or 8260
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Chlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260	CL HC 601 or 624 BTX&E 602 or 624 CL HC AND BTX&E 8260
Non-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602 or 624 TPH and BTX&E 8260
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F BTX&E 8020 or 8240 CL HC 8010 or 8240	TPH G GCFID(5030) TPH D GCFID(3510 O & G 5520 C & F BTX&E 602, 624 or 8260 CL HC 601 or 624
	ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni METHOD 8270 FOR SOIL OR WATER TO DETECT: PCB* PCP* PNA CREOSOTE	 PCB PCP PNA CREOSOTE

* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.

2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.

3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.

4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.

5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.

6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).

7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).

8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. **Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.**

9. **PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:**

	SOIL PPM	WATER PPB
TPH G	1.0	50.0
TPH D	1.0	50.0
BTX&E	0.005	0.5
O & G	50.0	5,000.0

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE	MODIFIED PROTOCOL
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.

11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

    The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chromatogram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

12. REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal

from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

APPENDIX D

HAZARDOUS WASTE MATERIALS

State of California - Health and Welfare Agency
Form Approved OMB No 2050—0039 (Expires 9 30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

See Instructions on Back of Page 6 and Front of Page 7

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. C A C 0 0 0 5 6 5 3 6 8 — Manifest Document No 4 5 1 0 0

2. Page 1 of

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

GENERATOR

3. Generator's Name and Mailing Address
Ogden Services Corp.
1700 Webster Street Alameda, CA 94501
4. Generator's Phone (212) 868-5412

A. State Manifest Document Number 89745100
B. State Generator's ID

5. Transporter 1 Company Name: Placer Tractor Service
6. US EPA ID Number: C A D 9 8 2 0 4 0 2 0 6
C. State Transporter's ID 105489
D. Transporter's Phone 916-652-5535

7. Transporter 2 Company Name: Evergreen Environmental SERV
8. US EPA ID Number: C A D 9 8 0 6 9 5 7 6 1
E. State Transporter's ID 104168
F. Transporter's Phone 800-972-5284

9. Designated Facility Name and Site Address
Evergreen Environmental
6880 Smith Avenue
Newark, CA 94560
10. US EPA ID Number: C A D 9 8 0 6 9 5 7 6 1
G. State Facility's ID C A D 9 8 0 6 9 5 7 6 1
H. Facility's Phone 800-972-5284

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 No.
a. X Fuel petroleum oils-Nos, Combustable liquids NA1270	00	T T	010510	G	State 221 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
1-1 Fuel oil with undetermined amount of halogens
1-2 Waste Water

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

15. Special Handling Instructions and Additional Information
Wear Gloves Billing
Ogden Service Corp. (212) 868-5421
Facilities and Planning
Two Pennslyvania Plaza, New York, NY 10121
Attn: Vic Weisberg

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: EUGENIO DIAZ — Signature: Eugenio Diaz FOR OGDEN — Month Day Year: 04/12/91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Albert Oesterling — Signature: Albert Oesterling — Month Day Year: 04/12/91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: BOB Quick — Signature: Bob Quick — Month Day Year: 04/29/91

FACILITY

19. Discrepancy Indication Space: Box 9 = ALTERNATIVE TSDF = EVERGREEN ENVIRONMENTAL SERVICE
LORD 30 B
DAVIS CA 95616

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: BOB Quick — Signature: Bob Quick — Month Day Year: 05/20/91

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

Do Not Write Below This Line

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

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

Department of Health Servic
Toxic Substances Control Divis
Sacramento, Californ

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
CAD009454993			

3. Generator's Name and Mailing Address
Ogden Services Corp.
1700 Webster St. Alameda, CA 94501
4. Generator's Phone (212) 868-5412

A. State Manifest Document Number: 89745102
B. State Generator's ID:

5. Transporter 1 Company Name: Placer Tractor Service
6. US EPA ID Number: CAD981421401
C. State Transporter's ID: 105568
D. Transporter's Phone: 916-652-5535

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

9. Designated Facility Name and Site Address
Erickson Inc.
255 Parr Blvd.
Richmond, CA 94801
10. US EPA ID Number: CAD009466312
G. State Facility's ID: CAD009466312
H. Facility's Phone: 415-235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Non RCRA Hazardous Waste Solid Waste empty Storage Tank	1	TP	15010	P	State 512 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
Empty gas tank #1-4 iced with 20lbs dry ice.

K. Handling Codes for Wastes Listed Above
a. 0-1 b.
c. d.

15. Special Handling Instructions and Additional Information
Billing Ogden Service Corporation KAttn: Vic Weisberg
Facilities and Planning
Two Pennsylvania Plaza, NY, NY 10121 (212) 868-5422

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

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR,** if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	04	16	91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	04	16	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
[illegible]

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
[illegible]	[illegible]	04	16	91

DHS 8822 A (1/88)
EPA 8700—22
(Rev. 9/88) Previous editions are obsolete.

Do Not Write Below This Line

GREEN: HAULER RETAINS

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

89745102

GENERATOR — TRANSPORTER — FACILITY

APPENDIX E

NON-HAZARDOUS WASTE MANIFEST

PLACER TRACTOR SERVICE

Approval # 907081-2

NON-HAZARDOUS MANIFEST

GENERATOR

GENERATOR NAME Ogden Services Corp. GENERATING LOCATION SAME Duffy's Diner

ADDRESS 1700 Webster Street 1700 Webster St. Alameda, CA 94501

CITY, STATE & ZIP Alameda, CA 94501 PHONE # XXXXXXXX 415 227-4370

CONTAINERS: NO. 1 VOLUME _____ WEIGHT _____

TYPE: TANK TRUCK (DUMP TRUCK) DRUMS OTHER

WASTE DESCRIPTION: Contaminated soil GENERATING PROCESS Tank Removal

	DESCRIPTION OF WASTE	QUANTITY	TYPE
1.	On File	20 tons	Soil
2.			

PROPERTIES: PH _____ (SOLID) LIQUID SLUDGE SLURRY OTHER

HANDLING INSTRUCTIONS: Wear Appropriate clothing

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, AND HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS.

EUGENIO DIAZ [signature] 07-09-91

Typed or Printed Full Name and Signature — Date

FOR OGDEN SERV. CORP.

TRANSPORTER

26.31 TONS

NAME Placer Tractor Service TRUCK # 12

ADDRESS P.O. Box 170 DRIVER NAME GORDON SKEELS

CITY, STATE & ZIP Loomis, CA 95650 SERVICE ORDER # 4051831 4051857

PHONE (916) 652-5535

GORDON S SKEELS Gordon S Skeels 7-9-91

Typed or Printed Full Name and Signature — Date

DESTINATION

DISPOSAL FACILITY Gibson Refining Co. PHONE # 323-2178

ADDRESS End of Commercial Drive DISPOSAL METHOD

CITY, STATE & ZIP Bakersfield, CA 93301 (LANDFILL) (OTHER)

Theresa L. Brooks 07-09-91

Typed or Printed Full Name and Signature — Date

RECYCLE

DISCREPANCY: _____

APPENDIX F

ANALYTICAL LABORATORY REPORT

Analytical**Technologies,** Inc. Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D.: 104341

May 06, 1991

ERC ENVIRONMENTAL
201 SPEAR ST., SUITE 1660
SAN FRANCISCO, CA 94105

Project Name: DUFFY DINER
Project # : 30365.474

Attention: TIM COOK

Analytical Technologies, Inc. has received the following sample(s):

Date Received	Quantity	Matrix
April 19, 1991	2	SOIL

The sample(s) were analyzed with EPA methodology or equivalent methods as specified in the enclosed analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference table.

The results of these analyses and the quality control data are enclosed.

TIMOTHY J. FITZPATRICK
SENIOR PROJECT MANAGER

KENNETH WAHL
LABORATORY MANAGER

Analytical Technologies, Inc.

SAMPLE CROSS REFERENCE

Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

Report Date: May 06, 1991
ATI I.D. : 104341

ATI #	Client Description	Matrix	Date Collected
1	TANK EXCAVATION	SOIL	18-APR-91
2	PILE	SOIL	18-APR-91

---TOTALS---

Matrix	# Samples
SOIL	2

ATI STANDARD DISPOSAL PRACTICE

The sample(s) from this project will be disposed of in twenty-one (21) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

ANALYTICAL SCHEDULE

Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D.: 104341

Analysis	Technique/Description
EPA 413.2 (OIL & GREASE)	INFRARED SPECTROMETER
EPA 6010 (CADMIUM)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (CHROMIUM)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (LEAD)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (NICKEL)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (ZINC)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 8010 (HALOGENATED VOLATILE ORGANICS)	GC/ELECTROLYTIC CONDUCTIVITY DETECTOR
EPA 8020 (AROMATIC VOLATILE ORGANICS)	GC/PHOTO IONIZATION DETECTOR
EPA 8270 (GC/MS FOR SEMIVOLATILE ORGANICS)	GC/MASS SPECTROMETER
MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)	GC/FLAME IONIZATION DETECTOR

Analytical Technologies, Inc.

GENERAL CHEMISTRY RESULTS

Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D.: 104341

Sample #	Client ID	Matrix	Date Sampled	Date Received
1	TANK EXCAVATION	SOIL	18-APR-91	19-APR-91
2	PILE	SOIL	18-APR-91	19-APR-91

Parameter	Units	1	2
OIL AND GREASE	MG/KG	18700	1400

Analytical Technologies, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

DUP/MS

Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341

Parameters	REF I.D.	Units	Sample Result	Dup Result	RPD	Spiked Sample	Spike Conc	% Rec
OIL AND GREASE	104403-01	MG/KG	46	49	6	170	120	103

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Sample Result - Duplicate Result)*100/Average Result

Analytical Technologies, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

BLANK SPIKE

Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341

Parameters	Blank Spike ID#	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
OIL AND GREASE	12224	MG/KG	2	92	83	108

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Sample Result - Duplicate Result)*100/Average Result

Analytical Technologies, Inc.

METALS RESULTS

Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D.: 104341

Sample #	Client ID	Matrix	Date Sampled	Date Received
1	TANK EXCAVATION	SOIL	18-APR-91	19-APR-91

Parameter	Units	1
CADMIUM	MG/KG	2.4
CHROMIUM	MG/KG	48.9
NICKEL	MG/KG	39.9
LEAD	MG/KG	4.5
ZINC	MG/KG	28.6

METALS - QUALITY CONTROL

DUP/MS

Client : ERC ENVIRONMENTAL
Project # : 30365.474 ATI I.D. : 104341
Project Name: DUFFY DINER

Parameters	REF I.D.	Units	Sample Result	Dup Result	RPD	Spiked Sample	Spike Conc	% Rec
CADMIUM	104256-49	MG/KG	2.6	2.6	0	45.4	46.8	91
CHROMIUM	104256-49	MG/KG	10.1	9.6	5	51.6	46.8	89
LEAD	104256-49	MG/KG	4.7	5.0	6	48.3	46.8	93
NICKEL	104256-49	MG/KG	10.5	9.6	9	52.8	46.8	90
ZINC	104256-49	MG/KG	32.9	32.8	0	75.1	46.8	90

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Sample Result - Duplicate Result)*100/Average Result

Analytical Technologies, Inc.

METALS - QUALITY CONTROL

BLANK SPIKE

Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341

Parameters	Blank Spike ID#	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
CADMIUM	12188	MG/KG	<0.5	46.7	50.0	93
CHROMIUM	12188	MG/KG	<0.5	52.3	50.0	105
LEAD	12188	MG/KG	<1.5	46.3	50.0	93
NICKEL	12188	MG/KG	<1.0	61.4	50.0	123
ZINC	12188	MG/KG	0.9	46.5	50.0	91

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Sample Result - Duplicate Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : EPA 8010 (HALOGENATED VOLATILE ORGANICS)
Client : ERC ENVIRONMENTAL ATI I.D. : 104341
Project # : 30365.474
Project Name: DUFFY DINER

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
1	TANK EXCAVATION	SOIL	18-APR-91	25-APR-91	30-APR-91	1.00

Parameter	Units	1
BROMODICHLOROMETHANE	MG/KG	<0.01
BROMOFORM	MG/KG	<0.01
BROMOMETHANE	MG/KG	<0.01
CARBON TETRACHLORIDE	MG/KG	<0.01
CHLOROBENZENE	MG/KG	<0.025
CHLOROETHANE	MG/KG	<0.01
CHLOROFORM	MG/KG	<0.01
CHLOROMETHANE	MG/KG	<0.01
DIBROMOCHLOROMETHANE	MG/KG	<0.01
1,2-DICHLOROBENZENE	MG/KG	<0.025
1,3-DICHLOROBENZENE	MG/KG	<0.025
1,4-DICHLOROBENZENE	MG/KG	<0.025
DICHLORODIFLUOROMETHANE	MG/KG	<0.01
1,1-DICHLOROETHANE	MG/KG	<0.01
1,2-DICHLOROETHANE	MG/KG	<0.01
1,1-DICHLOROETHENE	MG/KG	<0.01
CIS-1,2-DICHLOROETHENE	MG/KG	<0.01
TRANS-1,2-DICHLOROETHENE	MG/KG	<0.01
1,2-DICHLOROPROPANE	MG/KG	<0.01
CIS-1,3-DICHLOROPROPENE	MG/KG	<0.01
TRANS-1,3-DICHLOROPROPENE	MG/KG	<0.01
METHYLENE CHLORIDE	MG/KG	<0.1
1,1,2,2-TETRACHLOROETHANE	MG/KG	<0.01
TETRACHLOROETHENE	MG/KG	0.025
1,1,1-TRICHLOROETHANE	MG/KG	<0.01
1,1,2-TRICHLOROETHANE	MG/KG	<0.01
TRICHLOROETHENE	MG/KG	<0.01
TRICHLOROFLUOROMETHANE	MG/KG	<0.1
VINYL CHLORIDE	MG/KG	<0.01
SURROGATES		
BROMOFLUOROBENZENE (ELCD)	%	96
BROMOFLUOROBENZENE (PID)	%	156*H

2.5 ppb (perc)

*H RESULT OUTSIDE OF LIMITS DUE TO SAMPLE MATRIX INTERFERENCE

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : EPA 8010/8020 (HALOGENATED/AROMATIC VOLATILES)
Blank I.D. : 11762
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341
Date Extracted: 25-APR-91
Date Analyzed : 26-APR-91
Dil. Factor : 1.00

Parameters	Units	Results
BROMODICHLOROMETHANE	MG/KG	<0.01
BROMOFORM	MG/KG	<0.050
BROMOMETHANE	MG/KG	<0.01
CARBON TETRACHLORIDE	MG/KG	<0.01
CHLOROBENZENE	MG/KG	<0.025
CHLOROETHANE	MG/KG	<0.01
CHLOROFORM	MG/KG	<0.01
CHLOROMETHANE	MG/KG	<0.01
DIBROMOCHLOROMETHANE	MG/KG	<0.01
1,2-DICHLOROBENZENE	MG/KG	<0.025
1,3-DICHLOROBENZENE	MG/KG	<0.025
1,4-DICHLOROBENZENE	MG/KG	<0.025
DICHLORODIFLUOROMETHANE	MG/KG	<0.050
1,1-DICHLOROETHANE	MG/KG	<0.01
1,2-DICHLOROETHANE	MG/KG	<0.01
1,1-DICHLOROETHENE	MG/KG	<0.01
CIS-1,2-DICHLOROETHENE	MG/KG	<0.01
TRANS-1,2-DICHLOROETHENE	MG/KG	<0.01
1,2-DICHLOROPROPANE	MG/KG	<0.01
CIS-1,3-DICHLOROPROPENE	MG/KG	<0.01
TRANS-1,3-DICHLOROPROPENE	MG/KG	<0.01
METHYLENE CHLORIDE	MG/KG	<0.1
1,1,2,2-TETRACHLOROETHANE	MG/KG	<0.01
TETRACHLOROETHENE	MG/KG	<0.01
1,1,1-TRICHLOROETHANE	MG/KG	<0.01
1,1,2-TRICHLOROETHANE	MG/KG	<0.01
TRICHLOROETHENE	MG/KG	<0.01
TRICHLOROFLUOROMETHANE	MG/KG	<0.1
VINYL CHLORIDE	MG/KG	<0.01
SURROGATES		
BROMOFLUOROBENZENE (ELCD)	%	87
BROMOFLUOROBENZENE (PID)	%	112

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

Test : EPA 8010/8020 (HALOGENATED/AROMATIC VOLATILES)
MSMSD # : 14049
Client : ERC ENVIRONMENTAL

Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341
Date Extracted: 25-APR-91
Date Analyzed : 26-APR-91
Sample Matrix : SOIL
REF I.D. : 104341-01

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
CHLOROBENZENE	MG/KG	<0.025	0.200	0.22	110	0.20	100	0
CHLOROFORM	MG/KG	<0.010	0.200	0.22	110	0.20	100	10
1,1-DICHLOROETHENE	MG/KG	<0.010	0.200	0.14	70	0.14	70	0
TETRACHLOROETHENE	MG/KG	0.025	0.200	0.23	103	0.21	93	9
TRICHLOROETHENE	MG/KG	<0.010	0.200	0.19	95	0.18	90	5

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : EPA 8010/8020 (HALOGENATED/AROMATIC VOLATILES)
Blank Spike #: 12306
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name : DUFFY DINER

ATI I.D. : 104341
Date Extracted: 25-APR-91
Date Analyzed : 29-APR-91
Sample Matrix : SOIL

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
CHLOROBENZENE	MG/KG	<0.025	0.20	0.200	100
CHLOROFORM	MG/KG	<0.010	0.21	0.200	105
1,1-DICHLOROETHENE	MG/KG	<0.010	0.16	0.200	80
TETRACHLOROETHENE	MG/KG	<0.010	0.18	0.200	90
TRICHLOROETHENE	MG/KG	<0.010	0.18	0.200	90

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : EPA 8020 (AROMATIC VOLATILE ORGANICS)
Client : ERC ENVIRONMENTAL ATI I.D. : 104341
Project # : 30365.474
Project Name: DUFFY DINER

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
1	TANK EXCAVATION	SOIL	18-APR-91	23-APR-91	24-APR-91	1.00
2	PILE	SOIL	18-APR-91	23-APR-91	24-APR-91	1.00

Parameter	Units	1	2
BENZENE	MG/KG	<0.025	<0.025
TOLUENE	MG/KG	0.71	0.44
ETHYLBENZENE	MG/KG	0.026	<0.025
XYLENES (TOTAL)	MG/KG	0.22	<0.050
SURROGATES			
TRIFLUOROTOLUENE	%	103	108

quantitation reporting limits
BTX&E 0.005 ppm (5 ppb)

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : EPA 8020 (AROMATIC VOLATILE ORGANICS)
Blank I.D. : 11698
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341
Date Extracted: 23-APR-91
Date Analyzed : 23-APR-91
Dil. Factor : 1.00

Parameters	Units	Results
BENZENE	MG/KG	<0.025
TOLUENE	MG/KG	<0.025
ETHYLBENZENE	MG/KG	<0.025
XYLENES (TOTAL)	MG/KG	<0.050
SURROGATES		
TRIFLUOROTOLUENE	%	103

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

Test : EPA 8020 (AROMATIC VOLATILE ORGANICS)
MSMSD # : 13621
Client : ERC ENVIRONMENTAL

Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341
Date Extracted: 23-APR-91
Date Analyzed : 23-APR-91
Sample Matrix : SOIL
REF I.D. : 104319-09

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
BENZENE	MG/KG	<0.025	0.500	0.48	96	0.44	88	9
TOLUENE	MG/KG	<0.025	0.500	0.45	90	0.41	82	9

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : EPA 8020 (AROMATIC VOLATILE ORGANICS)
Blank Spike #: 12179
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name : DUFFY DINER

ATI I.D. : 104341
Date Extracted: 23-APR-91
Date Analyzed : 23-APR-91
Sample Matrix : SOIL

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
BENZENE	MG/KG	<0.025	0.57	0.500	114
TOLUENE	MG/KG	<0.025	0.52	0.500	104

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
Client : ERC ENVIRONMENTAL ATI I.D. : 104341
Project # : 30365.474
Project Name: DUFFY DINER

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
1	TANK EXCAVATION	SOIL	18-APR-91	23-APR-91	29-APR-91	1.00
2	PILE	SOIL	18-APR-91	23-APR-91	26-APR-91	1.00

Parameter	Units	1	2
FUEL HYDROCARBONS	MG/KG	640	92
HYDROCARBON RANGE		C6-C24+	C18-C24+
HYDROCARBONS QUANTITATED USING		DIESEL	DIESEL

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
Blank I.D. : 11691
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341
Date Extracted: 23-APR-91
Date Analyzed : 26-APR-91
Dil. Factor : 1.00

Parameters	Units	Results
FUEL HYDROCARBONS	MG/KG	<5.0
HYDROCARBON RANGE		-
HYDROCARBONS QUANTITATED USING		-

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
MSMSD # : 13594
Client : ERC ENVIRONMENTAL

Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341
Date Extracted: 23-APR-91
Date Analyzed : 26-APR-91
Sample Matrix : SOIL
REF I.D. : 104351-05

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
FUEL HYDROCARBONS	MG/KG	35	100	160	130	150	120	8

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS)
Blank Spike #: 12159
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name : DUFFY DINER

ATI I.D. : 104341
Date Extracted: 23-APR-91
Date Analyzed : 26-APR-91
Sample Matrix : SOIL

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
FUEL HYDROCARBONS	MG/KG	<5.0	128	100	128

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

GAS CHROMATOGRAPHY/MASS SPECTROSCOPY RESULTS

Test : EPA 8270 (GC/MS FOR SEMIVOLATILE ORGANICS)
Client : ERC ENVIRONMENTAL ATI I.D. : 104341
Project # : 30365.474
Project Name: DUFFY DINER

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
1	TANK EXCAVATION	SOIL	18-APR-91	24-APR-91	29-APR-91	10.00

Parameter	Units	1
ACENAPHTHENE	MG/KG	<1.7
ACENAPHTHYLENE	MG/KG	<1.7
ANILINE	MG/KG	<1.7
ANTHRACENE	MG/KG	<1.7
BENZOIC ACID	MG/KG	<8.5
BENZO(a)ANTHRACENE	MG/KG	<1.7
BENZO(a)PYRENE	MG/KG	<1.7
BENZO(b)FLUORANTHENE	MG/KG	<1.7
BENZO(g,h,i)PERYLENE	MG/KG	<1.7
BENZO(k)FLUORANTHENE	MG/KG	<1.7
BENZYL ALCOHOL	MG/KG	<1.7
BIS(2-CHLOROETHOXY)METHANE	MG/KG	<1.7
BIS(2-CHLOROETHYL)ETHER	MG/KG	<1.7
BIS(2-CHLOROISOPROPYL)ETHER	MG/KG	<1.7
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG	<1.7
4-BROMOPHENYL-PHENYLETHER	MG/KG	<1.7
BUTYLBENZYLPHTHALATE	MG/KG	<1.7
4-CHLOROANILINE	MG/KG	<1.7
4-CHLORO-3-METHYLPHENOL	MG/KG	<1.7
2-CHLORONAPHTHALENE	MG/KG	<1.7
2-CHLOROPHENOL	MG/KG	<1.7
4-CHLOROPHENYL-PHENYLETHER	MG/KG	<1.7
CHRYSENE	MG/KG	<1.7
DIBENZ(a,h)ANTHRACENE	MG/KG	<1.7
DIBENZOFURAN	MG/KG	<1.7
1,2-DICHLOROBENZENE	MG/KG	<1.7
1,3-DICHLOROBENZENE	MG/KG	<1.7
1,4-DICHLOROBENZENE	MG/KG	<1.7
3,3'-DICHLOROBENZIDINE	MG/KG	<3.4
2,4-DICHLOROPHENOL	MG/KG	<1.7
DIETHYLPHTHALATE	MG/KG	<1.7
2,4-DIMETHYLPHENOL	MG/KG	<1.7
DIMETHYLPHTHALATE	MG/KG	<1.7
DI-N-BUTYLPHTHALATE	MG/KG	<1.7
2-METHYL-4,6-DINITROPHENOL	MG/KG	<8.5
2,4-DINITROPHENOL	MG/KG	<8.5
2,4-DINITROTOLUENE	MG/KG	<1.7
2,6-DINITROTOLUENE	MG/KG	<1.7

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY/MASS SPECTROSCOPY RESULTS

Test : EPA 8270 (GC/MS FOR SEMIVOLATILE ORGANICS)
Client : ERC ENVIRONMENTAL ATI I.D. : 104341
Project # : 30365.474
Project Name: DUFFY DINER

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
1	TANK EXCAVATION	SOIL	18-APR-91	24-APR-91	29-APR-91	10.00

Parameter	Units	1
DI-N-OCTYLPHTHALATE	MG/KG	<1.7
FLUORANTHENE	MG/KG	<1.7
FLUORENE	MG/KG	<1.7
HEXACHLOROBENZENE	MG/KG	<1.7
HEXACHLOROBUTADIENE	MG/KG	<1.7
HEXACHLOROCYCLOPENTADIENE	MG/KG	<1.7
HEXACHLOROETHANE	MG/KG	<1.7
INDENO(1,2,3-cd)PYRENE	MG/KG	<1.7
ISOPHORONE	MG/KG	<1.7
2-METHYLNAPHTHALENE	MG/KG	<1.7
2-METHYLPHENOL	MG/KG	<1.7
4-METHYLPHENOL	MG/KG	<1.7
NAPHTHALENE	MG/KG	<1.7
2-NITROANILINE	MG/KG	<8.5
3-NITROANILINE	MG/KG	<8.5
4-NITROANILINE	MG/KG	<8.5
NITROBENZENE	MG/KG	<1.7
2-NITROPHENOL	MG/KG	<1.7
4-NITROPHENOL	MG/KG	<8.5
N-NITROSODIMETHYLAMINE	MG/KG	<1.7
N-NITROSO-DI-N-PROPYLAMINE	MG/KG	<1.7
N-NITROSODIPHENYLAMINE	MG/KG	<1.7
PENTACHLOROPHENOL	MG/KG	<8.5
PHENOL	MG/KG	<1.7
PHENANTHRENE	MG/KG	<1.7
PYRENE	MG/KG	<1.7
1,2,4-TRICHLOROBENZENE	MG/KG	<1.7
2,4,5-TRICHLOROPHENOL	MG/KG	<8.5
2,4,6-TRICHLOROPHENOL	MG/KG	<1.7
SURROGATES		
NITROBENZENE-D5	%	72
2-FLUOROBIPHENYL	%	64
TERPHENYL-D14	%	58
PHENOL-D6	%	60
2-FLUOROPHENOL	%	95
2,4,6-TRIBROMOPHENOL	%	134

Analytical Technologies, Inc.

ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

Method : EPA 8270 (GC/MS FOR SEMIVOLATILE ORGANICS)
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D.: 104341

	Sample Parameters	Units	Results
1	1300-2600 TOTAL EXTRACTABLE HYDROCARBONS C16-C28	MG/KG	1000

AnalyticalTechnologies,Inc.

GAS CHROMATOGRAPHY/MASS SPECTROSCOPY - QUALITY CONTROL

REAGENT BLANK

Test : EPA 8270 (GC/MS FOR SEMIVOLATILE ORGANICS)
Blank I.D. : 11774
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341
Date Extracted: 24-APR-91
Date Analyzed : 27-APR-91
Dil. Factor : 1.00

Parameters	Units	Results
ACENAPHTHENE	MG/KG	<0.17
ACENAPHTHYLENE	MG/KG	<0.17
ANILINE	MG/KG	<0.17
ANTHRACENE	MG/KG	<0.17
BENZOIC ACID	MG/KG	<0.85
BENZO(a)ANTHRACENE	MG/KG	<0.17
BENZO(a)PYRENE	MG/KG	<0.17
BENZO(b)FLUORANTHENE	MG/KG	<0.17
BENZO(g,h,i)PERYLENE	MG/KG	<0.17
BENZO(k)FLUORANTHENE	MG/KG	<0.17
BENZYL ALCOHOL	MG/KG	<0.17
BIS(2-CHLOROETHOXY)METHANE	MG/KG	<0.17
BIS(2-CHLOROETHYL)ETHER	MG/KG	<0.17
BIS(2-CHLOROISOPROPYL)ETHER	MG/KG	<0.17
BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG	<0.17
4-BROMOPHENYL-PHENYLETHER	MG/KG	<0.17
BUTYLBENZYLPHTHALATE	MG/KG	<0.17
4-CHLOROANILINE	MG/KG	<0.17
4-CHLORO-3-METHYLPHENOL	MG/KG	<0.17
2-CHLORONAPHTHALENE	MG/KG	<0.17
2-CHLOROPHENOL	MG/KG	<0.17
4-CHLOROPHENYL-PHENYLETHER	MG/KG	<0.17
CHRYSENE	MG/KG	<0.17
DIBENZ(a,h)ANTHRACENE	MG/KG	<0.17
DIBENZOFURAN	MG/KG	<0.17
1,2-DICHLOROBENZENE	MG/KG	<0.17
1,3-DICHLOROBENZENE	MG/KG	<0.17
1,4-DICHLOROBENZENE	MG/KG	<0.17
3,3'-DICHLOROBENZIDINE	MG/KG	<0.34
2,4-DICHLOROPHENOL	MG/KG	<0.17
DIETHYLPHTHALATE	MG/KG	<0.17
2,4-DIMETHYLPHENOL	MG/KG	<0.17
DIMETHYLPHTHALATE	MG/KG	<0.17
DI-N-BUTYLPHTHALATE	MG/KG	<0.17
2-METHYL-4,6-DINITROPHENOL	MG/KG	<0.85
2,4-DINITROPHENOL	MG/KG	<0.85
2,4-DINITROTOLUENE	MG/KG	<0.17
2,6-DINITROTOLUENE	MG/KG	<0.17
DI-N-OCTYLPHTHALATE	MG/KG	<0.17
FLUORANTHENE	MG/KG	<0.17
FLUORENE	MG/KG	<0.17
HEXACHLOROBENZENE	MG/KG	<0.17
HEXACHLOROBUTADIENE	MG/KG	<0.17
HEXACHLOROCYCLOPENTADIENE	MG/KG	<0.17
HEXACHLOROETHANE	MG/KG	<0.17
INDENO(1,2,3-cd)PYRENE	MG/KG	<0.17

GAS CHROMATOGRAPHY/MASS SPECTROSCOPY - QUALITY CONTROL

REAGENT BLANK

Test : EPA 8270 (GC/MS FOR SEMIVOLATILE ORGANICS)
Blank I.D. : 11774
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341
Date Extracted: 24-APR-91
Date Analyzed : 27-APR-91
Dil. Factor : 1.00

Parameters	Units	Results
ISOPHORONE	MG/KG	<0.17
2-METHYLNAPHTHALENE	MG/KG	<0.17
2-METHYLPHENOL	MG/KG	<0.17
4-METHYLPHENOL	MG/KG	<0.17
NAPHTHALENE	MG/KG	<0.17
2-NITROANILINE	MG/KG	<0.85
3-NITROANILINE	MG/KG	<0.85
4-NITROANILINE	MG/KG	<0.85
NITROBENZENE	MG/KG	<0.17
2-NITROPHENOL	MG/KG	<0.17
4-NITROPHENOL	MG/KG	<0.85
N-NITROSODIMETHYLAMINE	MG/KG	<0.17
N-NITROSO-DI-N-PROPYLAMINE	MG/KG	<0.17
N-NITROSODIPHENYLAMINE	MG/KG	<0.17
PENTACHLOROPHENOL	MG/KG	<0.85
PHENOL	MG/KG	<0.17
PHENANTHRENE	MG/KG	<0.17
PYRENE	MG/KG	<0.17
1,2,4-TRICHLOROBENZENE	MG/KG	<0.17
2,4,5-TRICHLOROPHENOL	MG/KG	<0.85
2,4,6-TRICHLOROPHENOL	MG/KG	<0.17
SURROGATES		
NITROBENZENE-D5	%	62
2-FLUOROBIPHENYL	%	65
TERPHENYL-D14	%	104
PHENOL-D6	%	52
2-FLUOROPHENOL	%	71
2,4,6-TRIBROMOPHENOL	%	81

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY/MASS SPECTROSCOPY - QUALITY CONTROL

REAGENT BLANK
ADDITIONAL COMPOUNDS (SEMI-QUANTITATED)

Test : EPA 8270 (GC/MS FOR SEMIVOLATILE ORGANICS)
Blank I.D. : 11774 ATI I.D. : 104341
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name: DUFFY DINER

Parameters	Units	Results
NONE DETECTED	N/A	N/A

GAS CHROMATOGRAPHY/MASS SPECTROSCOPY - QUALITY CONTROL

MSMSD

Test : EPA 8270 (GC/MS FOR SEMIVOLATILE ORGANICS)
MSMSD # : 13857
Client : ERC ENVIRONMENTAL

Project # : 30365.474
Project Name: DUFFY DINER

ATI I.D. : 104341
Date Extracted: 24-APR-91
Date Analyzed : 27-APR-91
Sample Matrix : SOIL
REF I.D. : 104359-06

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
ACENAPHTHENE	MG/KG	<0.20	4.0	2.4	60	2.6	65	8
4-CHLORO-3-METHYLPHENOL	MG/KG	<0.20	7.5	7.6	96	8.3	105	9
2-CHLOROPHENOL	MG/KG	<0.20	7.5	5.6	71	6.2	78	10
1,4-DICHLOROBENZENE	MG/KG	<0.20	4.0	2.8	70	3.0	75	7
2,4-DINITROTOLUENE	MG/KG	<0.20	4.0	3.5	88	3.7	92	19
4-NITROPHENOL	MG/KG	<1.0	15.8	14.2	90	17.2	109	19
N-NITROSO-DI-N-PROPYLAMINE	MG/KG	<0.20	4.0	2.8	70	2.8	76	0
PENTACHLOROPHENOL	MG/KG	<1.0	15.8	16.2	103	20.1	127	21
PHENOL	MG/KG	<0.20	7.9	6.1	77	6.4	81	5
PYRENE	MG/KG	<0.20	4.0	3.1	78	3.1	78	0
1,2,4-TRICHLOROBENZENE	MG/KG	<0.20	4.0	3.1	78	2.8	70	10

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

GAS CHROMATOGRAPHY/MASS SPECTROSCOPY - QUALITY CONTROL

BLANK SPIKE

Test : EPA 8270 (GC/MS FOR SEMIVOLATILE ORGANICS)
Blank Spike #: 12315
Client : ERC ENVIRONMENTAL
Project # : 30365.474
Project Name : DUFFY DINER

ATI I.D. : 104341
Date Extracted: 24-APR-91
Date Analyzed : 27-APR-91
Sample Matrix : SOIL

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
ACENAPHTHENE	MG/KG	<0.17	2.3	3.3	70
4-CHLORO-3-METHYLPHENOL	MG/KG	<0.17	6.3	6.6	95
2-CHLOROPHENOL	MG/KG	<0.17	5.1	6.6	77
1,4-DICHLOROBENZENE	MG/KG	<0.17	2.5	3.3	76
2,4-DINITROTOLUENE	MG/KG	<0.17	3.5	3.3	106
4-NITROPHENOL	MG/KG	<0.85	13.3	13.2	101

Analytical Technologies, Inc.
5550 Morehouse Drive ; San Diego, CA 92121-1709

Chain of Custody

DATE 4-18-91 PAGE 1 OF 1

PROJECT MANAGER: TIM COOK
COMPANY: ERCE
ADDRESS: 201 SPEAR ST. SUITE 1660
SAN FRANCISCO, CA 94105

BILL TO:
COMPANY: SAME AS ABOVE
ADDRESS:

SAMPLERS: (Signature)
(415) 227 4370 PHONE NUMBER

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons 418.1	Oil and Grease 413.2	Gasoline (MOD 8015/DOHS)	Diesel (MOD 8015/DOHS)	Gasoline/BTXE (MOD 8015/8020)	(C6-C25,MOD 8015)	BTXE (8020)	Chlorinated Hydrocarbons (8010)	Aromatic Hydrocarbons (8020)	Chlorinated/Aromatic Hydrocarbons (8010/8020)	Organic Pb		Pesticides/PCB (8080)	Base/NEU/Acid Cmpds GC/MS (8270)	Volatile Cmpds GC/MS (8240)	Polynuclear Aromatic (8310)	CCR Metals	Priority Pollutant Metals	Cd, Cr, Pb, Ni, Zn										Number of Containers
					1L (H_2SO_4)/100g	1L (H_2SO_4)/100g	4 oz (HCl)/50g	4 oz (HCl)/50g	4 oz (HCl)/50g	4 oz (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	500ml/50g		1L/50g	1L/100g	2X40ml (HCl)/100g	1L/100g	500ml/100g	500ml/100g											
T.E. (Tank Exc.)	4-18-91	12:00	SOIL	01	X			X	X			X						X					X									2
PILE	4-18-91	12:30	SOIL	02	X			X	X																							2

PROJECT INFORMATION	SAMPLE RECEIPT
PROJECT NUMBER: 30365474	TOTAL NUMBER OF CONTAINERS
PROJECT NAME: DUFFY DINER	CHAIN OF CUSTODY SEALS Y/N/NA
PURCHASE ORDER NUMBER:	INTACT? Y/N/NA
VIA: GRAYHOUND	RECEIVED GOOD COND./COLD
TAT: ☐ 24HR ☐ 48 HRS ☐ 1 WK ☒ 2 WKS	LAB NUMBER 10434

SAMPLE DISPOSAL INSTRUCTIONS
☒ ATI Disposal @ $5.00 each ☐ Return ☐ Pickup (will call)

Comments: RUN ANALYSES FOR THE FOLLOWING DETECTION LIMITS
TPH (G) = 1.0 PPM BTXE = 0.005 PPM
TPH (D) = 1.0 PPM

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: Time: 17:00	Signature: Time:	Signature: Time:
Printed Name: E. DIAZ Date: 4-18-91	Printed Name: Date:	Printed Name: Date:
Company: ERCE	Company:	Company:
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY: (LAB) 3.**
Signature: Time: 17:30	Signature: Time:	Signature: Time: 3:00 pm
Printed Name: Date: 4-18-91	Printed Name: Date:	Printed Name: J. Graham Date: 4/19/91
Company: GRAYHOUND	Company:	Analytical Technologies, Inc. ATI

ATI LABORATORIES: San Diego (619) 458-9141 • Phoenix (602) 438-1530 • Seattle (206) 228-8335 DISTRIBUTION: White, Canary - ANALYTICAL TECHNOLOGIES, INC. • Pink - ORIGINATOR

APPENDIX G

ANALYTICAL LABORATORY REPORT
SOIL PROFILE SAMPLE

Analytical**Technologies,** Inc. Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D.: 106520

July 01, 1991

ERC ENVIRONMENTAL
221 MAIN ST., SUITE 1400
SAN FRANCISCO, CA 94105

Project Name: DUFFY DINER
Project # : 30365.371

Attention: TIM COOK/EUGENIO DIAZ

Analytical Technologies, Inc. has received the following sample(s):

Date Received	Quantity	Matrix
June 28, 1991	1	SOIL

The sample(s) were analyzed with EPA methodology or equivalent methods as specified in the enclosed analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference table.

The results of these analyses and the quality control data are enclosed.

TIMOTHY J. FITZPATRICK
SENIOR PROJECT MANAGER

KENNETH WAHL
LABORATORY MANAGER

Analytical Technologies, Inc.

SAMPLE CROSS REFERENCE

Client : ERC ENVIRONMENTAL
Project # : 30365.371
Project Name: DUFFY DINER

Report Date: July 01, 1991
ATI I.D. : 106520

ATI #	Client Description	Matrix	Date Collected
1	S-1	SOIL	27-JUN-91

---TOTALS---

Matrix	# Samples
SOIL	1

ATI STANDARD DISPOSAL PRACTICE

The sample(s) from this project will be disposed of in twenty-one (21) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

ANALYTICAL SCHEDULE

Client : ERC ENVIRONMENTAL
Project # : 30365.371 ATI I.D.: 106520
Project Name: DUFFY DINER

Analysis	Technique/Description
EPA 6010 (ANTIMONY)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (BARIUM)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (BERYLLIUM)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (CADMIUM)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (CHROMIUM)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (COBALT)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (COPPER)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (LEAD)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (MOLYBDENUM)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (NICKEL)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (SILVER)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (VANADIUM)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 6010 (ZINC)	INDUCTIVELY COUPLED ARGON PLASMA
EPA 7060 (ARSENIC)	ATOMIC ABSORPTION/GRAPHITE FURNACE
EPA 7471 (MERCURY)	ATOMIC ABSORPTION/COLD VAPOR
EPA 7740 (SELENIUM)	ATOMIC ABSORPTION/GRAPHITE FURNACE
EPA 7841 (THALLIUM)	ATOMIC ABSORPTION/GRAPHITE FURNACE

Analytical Technologies, Inc.

METALS RESULTS

Client : ERC ENVIRONMENTAL
Project # : 30365.371 ATI I.D.: 106520
Project Name: DUFFY DINER

Sample #	Client ID	Matrix	Date Sampled	Date Received
1	S-1	SOIL	27-JUN-91	28-JUN-91

Parameter	Units	1
SILVER	MG/KG	<1.0
ARSENIC	MG/KG	<1.0
BARIUM	MG/KG	38.7
BERYLLIUM	MG/KG	<0.5
CADMIUM	MG/KG	0.6
COBALT	MG/KG	3.9
CHROMIUM	MG/KG	24.7
COPPER	MG/KG	9.3
MERCURY	MG/KG	2.1
MOLYBDENUM	MG/KG	<1.0
NICKEL	MG/KG	17.5
LEAD	MG/KG	17.1
ANTIMONY	MG/KG	<3.0
SELENIUM	MG/KG	<1.0
THALLIUM	MG/KG	<1.0
VANADIUM	MG/KG	15.5
ZINC	MG/KG	34.7

Analytical Technologies, Inc.

METALS - QUALITY CONTROL

DUP/MS

Client : ERC ENVIRONMENTAL
Project # : 30365.371 ATI I.D. : 106520
Project Name: DUFFY DINER

Parameters	REF I.D.	Units	Sample Result	Dup Result	RPD	Spiked Sample	Spike Conc	% Rec
ANTIMONY	106475-02	MG/KG	<12.0	<12.0	0	165	193	85
ARSENIC	106475-02	MG/KG	<4.0	<4.0	0	162	185	88
BARIUM	106475-02	MG/KG	<2.0	<2.0	0	361	386	94
BERYLLIUM	106475-02	MG/KG	<2.0	<2.0	0	179	193	93
CADMIUM	106475-02	MG/KG	<2.0	<2.0	0	152	193	79
CHROMIUM	106475-02	MG/KG	<2.0	<2.0	0	170	193	88
COBALT	106475-02	MG/KG	<4.0	<4.0	0	347	386	90
COPPER	106475-02	MG/KG	<4.0	<4.0	0	175	193	91
LEAD	106475-02	MG/KG	7.6	4.2	58	168	193	83
MERCURY	106520-01	MG/KG	2.1	2.2	5	4.2	2.3	91
MOLYBDENUM	106475-02	MG/KG	<4.0	<4.0	0	320	386	83
NICKEL	106475-02	MG/KG	<4.0	<4.0	0	170	193	88
SELENIUM	106475-02	MG/KG	<1.0	<1.0	0	34.6	28.7	121
SILVER	106475-02	MG/KG	<2.0	<2.0	0	152	193	79
THALLIUM	106475-02	MG/KG	<4.0	<4.0	0	188	185	102
VANADIUM	106475-02	MG/KG	<2.0	<2.0	0	342	386	89
ZINC	106475-02	MG/KG	7.7	5.3	37	152	193	75

Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Sample Result - Duplicate Result)*100/Average Result

Analytical Technologies, Inc.

METALS - QUALITY CONTROL

BLANK SPIKE

Client : ERC ENVIRONMENTAL
Project # : 30365.371
Project Name: DUFFY DINER

ATI I.D. : 106520

Parameters	Blank Spike ID#	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
ANTIMONY	14492	MG/KG	<3.0	41.6	50.0	83
ARSENIC	14528	MG/KG	<1.0	45.4	50.0	91
BARIUM	14492	MG/KG	<0.5	93.3	100	93
BERYLLIUM	14492	MG/KG	<0.5	46.1	50.0	92
CADMIUM	14492	MG/KG	<0.5	39.1	50.0	78
CHROMIUM	14492	MG/KG	<0.5	43.3	50.0	87
COBALT	14492	MG/KG	<1.0	88.5	100	89
COPPER	14492	MG/KG	<1.0	44.8	50.0	90
LEAD	14492	MG/KG	<1.5	42.9	50.0	86
MERCURY	14519	MG/KG	<0.25	2.4	2.5	96
MOLYBDENUM	14492	MG/KG	<1.0	82.4	100	82
NICKEL	14492	MG/KG	<1.0	43.5	50.0	87
SELENIUM	14507	MG/KG	<1.0	27.7	30.0	92
SILVER	14492	MG/KG	<1.0	38.9	50.0	78
THALLIUM	14510	MG/KG	<1.0	41.2	50.0	82
VANADIUM	14492	MG/KG	<0.5	87.9	100	88
ZINC	14492	MG/KG	9.4	38.5	50.0	58*N

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Sample Result - Duplicate Result)*100/Average Result

*N SPIKED SAMPLE RECOVERY NOT WITHIN CONTROL LIMITS

Analytical Technologies, Inc.
5550 MOREHOUSE DRIVE
SAN DIEGO, CA 92121-1709
(619) 458-9141

Chain of Custody

DATE 06-27-91 PAGE 1 OF 1

PROJECT MANAGER: TIM COOK / Eugenio Diaz
COMPANY: ERCE
ADDRESS: 221 MAIN ST. SUITE 1400
SAN FRANCISCO - CA 94105

BILL TO: SAME AS ABOVE
COMPANY:
ADDRESS:

SAMPLERS: (Signature)
(415) 227 4370
PHONE NUMBER

Recommended Quantity and Preservative (Provide triple volume on QC Samples)

SAMPLE ID	SAMPLE DATE	TIME	MATRIX	LAB ID
01 S-1	06/27/91	18:00	SOIL	

Petroleum Hydrocarbons 418.1	Oil and Grease 413.2	Gasoline (MOD 8015/DOHS)	Diesel (MOD 8015/DOHS)	Gasoline/BTXE (MOD 8015/8020)	MOD 8015 (Unknown)	BTXE (8020)	Chlorinated Hydrocarbons (8010)	Aromatic Hydrocarbons (8020)	Chlorinated/Aromatic Hydrocarbons (8010/8020)	Organic Pb	Pesticides/PCB (8080)	Base/NEU/Acid Cmpds GC/MS (8270)	Volatile Cmpds GC/MS (8240)	Polynuclear Aromatic (8310)	CCR Metals (17 Metals)	Priority Pollutant Metals	Number of Containers
1L (H2SO4)/100g	1L (H2SO4)/100g	4 oz (HCl)/50g	4 oz (HCl)/50g	4 oz (HCl)/50g		2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	500ml/50g	1L/50g	1L/100g	2X40ml (HCl)/100g	1L/100g	500ml/100g	500ml/100g	
															X	ALL	2

PROJECT INFORMATION

PROJECT NUMBER: 30365 371
PROJECT NAME: DUFFY DINER
PURCHASE ORDER NUMBER: 06-27-91
VIA: ~~GRAYHOUND~~ FX
TAT: ☐ 24HR ☒ 48HRS ☐ 72HRS ☐ 1WK ☐ 2WK

SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS	2
CHAIN OF CUSTODY SEALS Y/N/NA	N
SEALS INTACT? Y/N/NA	NA
RECEIVED GOOD COND./COLD	Y
LAB NUMBER	10620

SAMPLE DISPOSAL INSTRUCTIONS

☒ ATI Disposal @ $5.00 each ☐ Return ☐ Pickup

Comments: ADD 10% PROJECT DISCOUNT.
I NEED RECULTS ON MONDAY @ 15:00 hrs.

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
Signature: Time: 18:00	Signature: Time:	Signature: Time:	Signature: Time:
Printed Name: E. DIAZ Date: 06-27-91	Printed Name: Date:	Printed Name: Date:	Printed Name: Date:
Company: ERCE SFO.	Company:	Company:	Company:
RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2	RELINQUISHED BY: 3
Signature: Time: 20:00	Signature: Time: 0930	Signature: Time:	Signature: Time:
Printed Name: Date: 06-27-91	Printed Name: Michael Hallam Date: 6/28/91	Printed Name: Date:	Printed Name: Date:
Company: GRAYHOUND.	Company: ATI	Company:	Company: Analytical Technologies, Inc.

DISTRIBUTION: White, Canary - ANALYTICAL TECHNOLOGIES, INC. • Pink - ORIGINATOR

APPENDIX H

ANALYTICAL LABORATORY REPORT VERIFICATION SAMPLES

Analytical Technologies, Inc. Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D.: 107144

July 15, 1991

ERC ENVIRONMENTAL
221 MAIN ST., SUITE 1400
SAN FRANCISCO, CA 94105

Project Name: DUFFY DINER
Project # : 30365.371

Attention: TIM COOK

Analytical Technologies, Inc. has received the following sample(s):

Date Received	Quantity	Matrix
July 10, 1991	5	SOIL

The sample(s) were analyzed with EPA methodology or equivalent methods as specified in the enclosed analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. Please see the attached sheet for the sample cross reference table.

The results of these analyses and the quality control data are enclosed.

TIMOTHY J. FITZPATRICK
SENIOR PROJECT MANAGER

KENNETH WAHL
LABORATORY MANAGER

Analytical Technologies, Inc.

SAMPLE CROSS REFERENCE

Client : ERC ENVIRONMENTAL
Project # : 30365.371
Project Name: DUFFY DINER

Report Date: July 15, 1991
ATI I.D. : 107144

ATI #	Client Description	Matrix	Date Collected
1	S-2	SOIL	09-JUL-91
2	S-3	SOIL	09-JUL-91
3	S-4	SOIL	09-JUL-91
4	S-5	SOIL	09-JUL-91
5	S-6	SOIL	09-JUL-91

---TOTALS---

Matrix	# Samples
SOIL	5

ATI STANDARD DISPOSAL PRACTICE

The sample(s) from this project will be disposed of in twenty-one (21) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

ANALYTICAL SCHEDULE

Client : ERC ENVIRONMENTAL
Project # : 30365.371
Project Name: DUFFY DINER

ATI I.D.: 107144

Analysis	Technique/Description
MOD EPA 418.1 (PETROLEUM HYDROCARBONS)	INFRARED SPECTROMETER

Analytical Technologies, Inc.

GENERAL CHEMISTRY RESULTS

Client : ERC ENVIRONMENTAL
Project # : 30365.371
Project Name: DUFFY DINER

ATI I.D.: 107144

Sample #	Client ID	Matrix	Date Sampled	Date Received
1	S-2	SOIL	09-JUL-91	10-JUL-91
2	S-3	SOIL	09-JUL-91	10-JUL-91
3	S-4	SOIL	09-JUL-91	10-JUL-91
4	S-5	SOIL	09-JUL-91	10-JUL-91
5	S-6	SOIL	09-JUL-91	10-JUL-91

Parameter	Units	1	2	3	4	5
PETROLEUM HYDROCARBONS	MG/KG	<1	<1	<1	<1	<1

Analytical Technologies, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

DUP/MS

Client : ERC ENVIRONMENTAL
Project # : 30365.371
Project Name: DUFFY DINER

ATI I.D. : 107144

Parameters	REF I.D.	Units	Sample Result	Dup Result	RPD	Spiked Sample	Spike Conc	% Rec
PETROLEUM HYDROCARBONS	107039-07	MG/KG	<1	<1	0	160	130	123

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Sample Result - Duplicate Result)*100/Average Result

Analytical Technologies, Inc.

GENERAL CHEMISTRY - QUALITY CONTROL

BLANK SPIKE

Client : ERC ENVIRONMENTAL
Project # : 30365.371
Project Name: DUFFY DINER

ATI I.D. : 107144

Parameters	Blank Spike ID#	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
PETROLEUM HYDROCARBONS	14804	MG/KG	<1	110	120	92

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Sample Result - Duplicate Result)*100/Average Result

Analytical Technologies, Inc.
5550 Morehouse Drive • San Diego, CA 92121-1709

Chain of Custody

DATE 7-1-11 PAGE 1 OF 1

PROJECT MANAGER:	Tim Cook
COMPANY:	ERCE SF
ADDRESS:	221 MAIN ST. SUITE 1400 San FRANCISCO, CA - 94105
BILL TO:	Same as Above
COMPANY:	11
ADDRESS:	11
SAMPLERS: (Signature)	Eugenio Diaz
PHONE NUMBER	(415) 227-4370

SAMPLE ID	DATE	TIME	MATRIX	LAB ID
S-2	7-9-11	10:00	SOIL	01
S-3	11	10:00	11	02
S-4	11	10:00	11	03
S-5	11	10:00	11	04
S-6	11	11	11	05

Recommended Quantity and Preservative (Provide triple volume on QC Samples)																															
1L (H_2SO_4)/100g	1L (H_2SO_4)/100g	4 oz (HCl)/50g	4 oz (HCl)/50g	4 oz (HCl)/50g	4 oz (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	500ml/50g		1L/50g	1L/100g	2X40ml (HCl)/100g	1L/100g	500ml/100g	500ml/100g														Number of Containers
Petroleum Hydrocarbons 418.1	Oil and Grease 413.2	Gasoline (MOD 8015/DOHS)	Diesel (MOD 8015/DOHS)	Gasoline/BTXE (MOD 8015/8020)	(C6-C25, MOD 8015)	BTXE (8020)	Chlorinated Hydrocarbons (8010)	Aromatic Hydrocarbons (8020)	Chlorinated/Aromatic Hydrocarbons (8010/8020)	Organic Pb		Pesticides/PCB (8080)	Base/NEU/Acid Cmpds GC/MS (8270)	Volatile Cmpds GC/MS (8240)	Polynuclear Aromatic (8310)	CCR Metals	Priority Pollutant Metals													
X																															1
X																															1
X																															1
X																															1
X																															1

PROJECT INFORMATION	
PROJECT NUMBER:	30365371
PROJECT NAME:	DUFFY DINER
PURCHASE ORDER NUMBER:	
VIA:	FED EX
TAT:	☒ 24HR ☐ 48 HRS ☐ 1 WK ☐ 2 WKS

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	5
CHAIN OF CUSTODY SEALS Y/N/NA	N
INTACT? Y/N/NA	N/A
RECEIVED GOOD COND./COLD	Y
LAB NUMBER	107144

SAMPLE DISPOSAL INSTRUCTIONS

☒ ATI Disposal @ $5.00 each ☐ Return ☐ Pickup (will call)

Comments: Rush - Rush. We need results in 24 hrs. FAX them to Tim Cook in SF. 10% Project Discount.

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	Signature: Time:	Signature: Time:
Printed Name: E. DIAZ Date: 7-9-11	Printed Name: Date:	Printed Name: Date:
Company: ERCE SFO.	Company:	Company:
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY: (LAB) 3.**
Signature: Time: 13:00	Signature: Time:	Signature: Time:
Printed Name: Date: 7-9-11	Printed Name: Date:	Printed Name: Date:
Company: FEDEX	Company:	Analytical Technologies, Inc.

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