Appendix I

Initial Site Assessment Report for Atlantic and Bandini Section 710-2

TABLE OF CONTENTS

Section **Page**

EXECUTIVE SUMMARY **ES-1**

1.0 INTRODUCTION **1-1**

1.1 Purpose 1-1
1.2 Scope of Services 1-1
1.3 ASTM Standard 1-1

2.0 SUBJECT PROPERTY DESCRIPTION **2-1**

2.1 Location and Legal Description 2-1
2.2 Physical Setting Analysis 2-1
2.2.1 Geologic Units 2-1
2.2.2 Aquifer Descriptions 2-1
2.2.3 Location and Use of Groundwater Monitoring Wells in the Subject Corridor Vicinity 2-1
2.3 Subject Site and Vicinity Characteristics 2-1
2.4 Descriptions of Subject Site Structures and Improvements 2-2
2.5 Current Uses of Subject Site 2-2
2.6 Past Uses of the Subject Site 2-2
2.7 Current and Past Uses of Adjoining Properties 2-2
2.8 Historical Use Information 2-3

3.0 RECORDS REVIEW – STANDARD ENVIRONMENTAL RECORDS SOURCES **3-1**

3.1 Federal 3-1
3.2 State 3-3
3.3 Local 3-4
3.4 Private 3-5
3.5 Local Agency Visits 3-5

4.0 INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS **4-1**

4.1 Site Reconnaissance and Interviewed Personnel 4-1
4.2 Hazardous Substances in Connection with Identified Uses 4-1
4.3 Unidentified Substances, Containers, Staining or Stressed Vegetation 4-1
4.4 Storage Tanks 4-1
4.4.1 Underground Storage Tanks (USTs) 4-1
4.4.2 Aboveground Storage Tanks (ASTs) 4-1
4.5 Indications of Polychlorinated Biphenyls (PCBs) 4-1
4.6 Indications of Solid Waste Disposal 4-1
4.7 Any Other Areas of Concern 4-1

5.0 FINDINGS AND CONCLUSIONS **5-1**

TABLE OF CONTENTS

TABLES

Table I-1: Local Agency Contacts

FIGURES

Figure I-1: Site Vicinity Map
Figure I-2: Site Location Map

APPENDICES

Appendix I-I: Site Photographs
Appendix I-II: Historic Aerial Photographs
Appendix I-III: Environmental Database Report
Appendix I-IV: RWQCB Records
Appendix I-V: Los Angeles County Department of Public Works, California Army National Guard
Appendix I-VI City of Vernon Environmental Health Department, De Witt Facility
Appendix I-VII City of Vernon Environmental Health Department, Watkins Facility

EXECUTIVE SUMMARY

Several Initial Site Assessment (ISA) studies were conducted for as part of the Infiltration Basin Site Selection Study. The ISA studies were conducted on properties that have been identified as potential sites for infiltration basins within the Departments right-of way. The ISA studies are to be incorporated into the secondary site screening process of the Infiltration Site Selection Study. The ISA reports have been completed on individual sites. This report presents the findings for a site located at the 710 Freeway and Atlantic/Bandini Interchange within the City of Vernon, Los Angeles County, California. The following is a summary of our findings, based on the scope of services presented in the Caltrans Infiltration Basin Site Selection

The subject site is comprised of three separate sections within the 710 Freeway Atlantic/Bandini Interchange, identified as 710-2-a, 710-2-b and 710-2-c. The three sections, 710-2-a, 710-2-b and 710-2c, are located within the on- and off-ramps of the 710 Freeway at the Atlantic/Bandini Interchange. Recognized Environmental Conditions (RECs), as defined by ASTM Practice, were not observed during the site reconnaissance.

Review of historical data indicated that sections 710-2-a and 710-2-b were undeveloped at the time of the 710 Freeway construction in the early 1950s. Section 710-2-c was historically developed as a large commercial facility with an associated parking lot from at least 1947 until at least 1952. The large commercial facility was demolished for the construction of the 710 Freeway. Recognized Environmental Conditions (RECs) were not noted in the historical documents reviewed with one exception, a possible junkyard with surface staining was observed in the 1947 aerial photograph, to the north of the northeastern proposed infiltration basin (710-2-c).

A review of the environmental database report indicates no listing of the site for environmental conditions. RECs were not noted in the agency database report review.

This Executive Summary is not intended to be a "stand-alone" document, but a summary of our findings as described in the following report. It is intended to be used in conjunction with the scope of services and limitations described therein.

1.0 INTRODUCTION

1.1 Purpose

The purpose of the Initial Site Assessment (ISA) was to gather information regarding site 710-2 (Atlantic/Bandini Interchange) in order to evaluate whether features and conditions of potential environmental concern exist in association with the subject sites and the adjoining properties.

1.2 Scope of Services

The original scope of work for this ISA was described in the Contract 43A00, Task Order #31, and amended by for Priority 4 (I-710 sites) and Priority 5 (I-405 sites), as defined in the Caltrans Infiltration Site Selection Study. Based on the Scope of Services, the ISA specifically did not include testing for asbestos, lead-based paint, radon gas, or lead in drinking water; sampling or testing of soil or groundwater; or evaluation of wetlands or cultural resources. In addition, this ISA did not include a compliance audit.

1.3 ASTM Standard

This report was prepared in general conformance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Standard E 1527-00). This standard defines a Recognized Environmental Condition (REC) as: "The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

2.0 SUBJECT PROPERTY DESCRIPTION

2.1 Location and Legal Description

The subject sites are located at the 710 Freeway Atlantic/Bandini Interchange (710-2), within the City of Vernon, Los Angeles County, California. The subject sites are comprised of three separate sections within the 710 Atlantic/Bandini Interchange, currently identified as 710-2-a, 710-2-b and 710-2-c. The three sections, 710-2-a, 710-2-b and 710-2-c, are located within the on- and off-ramps of the 710 Freeway at the Atlantic/Bandini Interchange.

2.2 Physical Setting Analysis

The sites are located within the north-central portion of the Los Angeles Coastal Plain within a physiographic feature known as the Downey Plain. The Downey Plain is a depositional feature formed by coalescing alluvial fans deposited by the Los Angeles River and Rio Hondo-San Gabriel Rivers systems and slopes gently to the south. The subject sites are located on the U.S.G.S. South Gate topographic map, R12W, T2S, Section 18 (photorevised 1981). The ground surface in the area slopes to the south at an approximate gradient of 10 feet per mile.

2.2.1 Geologic Units

Recent sediments in the area are generally coarse and unconsolidated (e.g. sand and sandy gravel), although fine-grained silts and clays are also very common. These sediments are mainly river deposits that were laid down prior to channelization of the Los Angeles River. The recent sediments are underlain by alluvial and flood plain deposits that comprise the Lakewood Formation.

2.2.2 Aquifer Descriptions

The sites are located in the Central Basin Pressure Area of the Central Basin groundwater basin (California Department of Water Resources, 1961). This area is called a "pressure area" because of the aquifers within it are confined by aquicludes or relatively impermeable layers of clay and silt over most of the area. The recent alluvium covers most of the Central Basin Pressure Area and reaches a maximum depth near the city of Bellflower of approximately 200 feet. It contains the semi perched aquifer consists of sands and gravels 20 to 60 feet thick overlying the Bellflower aquiclude. The Bellflower aquiclude is composed mainly of clay and silt, ranges from a few feet to 160 feet in thickness, and reaches a maximum depth below ground surface of 200 feet. There are many areas where is consists mainly of clayey sands and gravels where its effectiveness as an aquiclude is limited. The Gaspur Aquifer consists of coarse sand and gravel, ranges in thickness from 40 to 100 feet, and reaches a maximum depth of approximately 190 feet.

2.2.3 Location and Use of Groundwater Monitoring Wells in the Subject Corridor Vicinity

Depth to groundwater measurements made by the Los Angeles Department of Public Works, Hydrologic Records section on November 15, 2001 indicate that depth to groundwater from well #2829C was approximately 43.8 meters (143.5 feet) below ground surface (bgs), located approximately 0.4 km (0.25 miles) west of the subject sites. Regional direction of groundwater flow is generally to the south-southwest.

2.3 Subject Site and Vicinity Characteristics

Observations and evaluations of adjoining properties were limited to features and conditions that were visible from public rights-of-way. The following observations were made:

North: Industrial properties including the Ford L.A. Parts Distribution Center and a rail yard.

South: A commercial property including Box USA and the Los Angeles River.

East: Commercial and industrial properties including a government facility with the Patton U.S. Army Recruiting Center and a distribution center for the U.S. Post Office.

West: Industrial properties including Impaxx, Watkins Motor Lines, and a Los Angeles County Fire Station.

The vicinity of the subject sites is primarily industrial and commercial properties. Residential properties are located approximately 0.75 km (0.5 miles) northeast of the sites.

2.4 Descriptions of Subject Site Structures and Improvements

The subject sites include three interior portions of freeway on- and off-ramps. There are no structures located within the subject sites. The three sites are landscaped with trees. Section 710-2-c was marked with three soil boring locations identified as Atlantic 1, Atlantic 2, and Atlantic 3, uniformly spaced. Section 710-2-a was marked with one soil boring location within the center portion identified as Bandini 1. Section 710-2-b was marked with three soil boring locations, uniformly spaced, identified as Bandini 2, Bandini 3, and Bandini 4, and had one drainage feature located within the northeast portion. Site photographs are included in Appendix I-I.

2.5 Current Uses of Subject Site

The subject sites include three catchment areas within freeway on- and off-ramps.

2.6 Past Uses of the Subject Site

Prior to the construction of the 710 Freeway, Section 710-2-c was occupied with a large industrial property. Historical aerial photographs indicate that a large commercial facility and an associated parking lot from at least 1947 until at least 1952. The large commercial facility was demolished for the construction of the 710 Freeway. The remaining sections, 710-2-a and 710-2-b appeared to have been undeveloped, vacant land.

2.7 Current and Past Uses of Adjoining Properties

Current and past uses of adjoining properties were determined during the site inspection as well as through reviews of historic and current aerial photographs (Appendix I-II).

YEAR	DIRECTION FROM SITE	DESCRIPTION
1928	North	Site appears undeveloped with vacant graded land present to the north. An early configuration of Atlantic Boulevard crosses the site. The vicinity is a mixture of agriculture and vacant graded land.
1928	South	Undeveloped land and unimproved roads cross the site. A natural surface water drainage is located beyond.
1928	East	Vacant graded land.
1928	West	The surface water drainage is present to the northwest.
1947	North	The northeast portion (Section 710-2-c) of the site is occupied by two commercial structures and a material storage yard. A large area of staining and a possible junkyard are present to the north of the northern portion of

YEAR	DIRECTION FROM SITE	DESCRIPTION
		the site with a rail yard located beyond. Bandini Boulevard crosses the site east to west.
1947	South	Vacant land and sparse commercial development is present to the south.
1947	East	Sparse commercial development is present adjacent to the east with increased commercial/industrial development located beyond.
1947	West	Vacant graded land with small-unimproved roads.
1952	North	The two commercial structures remain present. Construction of the 710 Freeway is evident to the north of the site over the rail yard. The possible junkyard and stained area are no longer present.
1952	South	The subject site remains relatively unchanged from the previous photo.
1952	East	Significant changes were not observed at the site, adjacent properties, or the site vicinity to the east.
1952	West	Significant changes were not observed at the site, adjacent properties, or the site vicinity to the west.
1965	North	The subject site appears as configured at present. The 710 Freeway over Atlantic Boulevard and Bandini Boulevard. Commercial development previously located at the site has been removed.
1965	South	Vacant land is located between the 710 Freeway and Atlantic Boulevard to the south with a large commercial structure and the Los Angeles River located beyond.
1965	East	Increased commercial/industrial development is present to the east of the site.
1965	West	Increased commercial/industrial development is present to the west of the site.
1976	Site	Significant changes were not observed to the site, adjacent properties or site vicinity.
1989	Site	Significant changes were not observed to the site, adjacent properties or site vicinity.
1994	Site	Significant changes were not observed to the site, adjacent properties or site vicinity.

2.8 Historical Use Information

Features of an environmental concern were not observed on the historical aerial photographs of the site with one exception. A possible junkyard with surface staining was observed in the 1947 aerial photograph, to the north of the northeastern proposed (710-2-c) infiltration basin.

3.0 RECORDS REVIEW – STANDARD ENVIRONMENTAL RECORDS SOURCES

Information was gathered and reviewed from environmental databases. The databases include the most recent federal, State, and local lists of registered and contaminated sites, as well as sites using hazardous substances. These sites were examined for evidence of recognized environmental conditions in connection with the subject site. It should be noted that this information is reported as it is provided in various government databases. It is not possible to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. A copy of the database report and a map showing the relative locations of reported site are presented in Appendix I-III.

3.1 Federal

U.S. EPA National Priority List (NPL): Sites with significant risk to human health and the environment which are qualified to receive remedial funding under the Superfund provision of the Comprehensive Environmental Response Conservation and Liability Act (CERCLA). Minimum search distance = 1.6 kilometer (km) (1 mile).

- None of the subject sites were listed as an NPL site.
- One current NPL site, PemaCo, Inc., was identified at 5050 East Slauson Avenue, approximately 1.27 km (0.79 miles) south of the subject sites.

Due to its regulatory status and distance from the subject sites, the potential for this facility to have created a REC at the site appears low.

U.S. EPA Comprehensive Emergency Response, Compensation and Liability Information System (CERCLIS) and No Further Remedial Action Planned Report (NFRAP): Information in this database is used to report official Superfund progress and to help EPA regional and headquarter managers evaluate the status and progress of site cleanup action. The NFRAP is also known as the CERCLIS Archive, containing sites that have been removed from the CERCLIS database. Minimum search distance = 0.8 km (0.5 miles).

- None of the subject sites were listed as a CERCLIS and/or NFRAP site.
- One current CERCLIS site, OMS #6, was identified at 5300 Bandini Boulevard, approximately 0.06 km (0.04 miles) east of the subject sites.

Due to its regulatory status, the potential for this facility to have created a REC at the sites appears low.

U.S. EPA Federal Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS): This list contains information concerning RCRA facilities that have conducted, or are currently conducting a corrective action. Minimum search distance = 1.6 km (1 mile).

- No RCRA CORRACTS facilities were reported for the subject sites or adjoining properties.

U.S. EPA Federal RCRA Treatment, Storage and Disposal Facility (TSD) CORRACTS Facilities: This list contains hazardous waste TSD facilities regulated under RCRA for which facilities that have conducted, or are currently conducting a corrective action. Minimum search distance = 1.6 km (1 mile).

- No RCRA TSD CORRACTS facilities were reported for the subject sites.

- Two current RCRA TSD CORRACTS sites; 1) Van Waters Rogers, was identified at 5353 Jillson Street, approximately 1.2 km (0.75 miles) east of the subject sites; and 2) Lumidor Mfg. Co., was identified at 4770 East 50th Street, approximately 1.31 km (0.82 miles) west of the subject sites.

Due to the regulatory status and relative distances from the sites, the potential for these facilities to have created a REC at the site appears low.

U.S. EPA Federal RCRA List of Hazardous Waste TSD Facilities: This list contains hazardous waste TSD facilities regulated under RCRA for which no violations have been reported by the U.S. EPA. Minimum search distance = 0.8 km (0.5 miles).

- No RCRA TSD facilities were reported for the subject sites or adjoining properties.

U.S. EPA Federal Resources Conservation and Recovery Act Information System (RCRIS) Violations Report: The RCRIS identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRIS Violations report contains information concerning facilities that have been cited for violations of RCRA, as well as any enforcement actions taken against the facility. Minimum search distance = 0.4 km (0.25 miles).

- No RCRIS Violation facilities were reported for the subject sites or adjoining properties.

U.S. EPA Toxic Release Inventory System (TRIS): All facilities that manufacture, process, or import toxic chemicals in quantities in excess of 25,000 pounds per year are required to register with the EPA under Superfund Amendments and Reauthorization Act (SARA) Title III of 1986. Minimum search distance = 0.4 km (0.25 miles).

- No TRIS facilities were reported for the subject sites or adjoining properties.

U.S. EPA Emergency Response Notification System (ERNS): ERNS is a national database that is used to store information on the sudden and/or accidental release of hazardous substances. The ERNS database contains preliminary information on the specific release(s), including the location, substance released, and the responsible party. Minimum search distance = 0.4 km (0.25 miles).

- No ERNS sites were reported for the subject sites or adjoining properties.

U.S. EPA Generators (Large and Small Quantity Generator): The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. RCRA Large Quantity Generators are facilities that generate at least 1,000 kg/month of non-acutely hazardous waste (or 1kg/month of acutely hazardous waste). RCRA Small Quantity Generators are facilities that generate less than 1,000 kg/month of non-acutely hazardous waste. Minimum search distance = 0.4 km (0.25 miles).

- No Large and Small Quantity Generators were reported for the subject sites.
- Three sites within the vicinity are listed as large/small quantity generators; 1) OMS #6 (large quantity), was identified at 5300 Bandini Boulevard, approximately 0.6 km (0.04 miles) east of the subject sites; 2) Command Packaging (small quantity), was identified at 5300 Lindbergh Lane, approximately 0.1 km (0.16 miles) southeast of the subject sites; and 3) DeWitt Trans Storage (small quantity), was identified at 4528 Bandini Boulevard, approximately 0.17 km (0.11 miles) northwest of the subject sites.

Due to the regulatory status, the potential for these facilities to have created a REC at the site appears low.

U.S. EPA RCRIS Notifiers: The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRIS Notifiers contains information on formerly regulated RCRA sites with more complete historical information. Minimum search distance = 0.4 km (0.25 miles).

- No RCRIS Notifiers were reported for the subject sites or adjoining properties.

3.2 State

Cal EPA State Priority List (SPL) (aka: Annual Work Plan): A list of sites managed by Cal EPA which are qualified to receive state funds for cleanup under the California Health and Safety Code. This list is sometimes referred to as the "State Superfund" list. Minimum search distance = 1.6 km (1 mile).

- No SPL sites were reported for the subject sites or adjoining properties.

Cal EPA CalSites (aka: State equivalent to the CERCLIS List (SCL)): A database provided by the Department of Toxic Substances Control (DTSC) of potentially hazardous waste sites discovered through file searches and visual reconnaissance. Cal EPA has determined that many of these sites require no further action, and that many sites pose no significant threat to the public or the environment. Minimum search distance = 0.8 km (0.5 mile).

- No CalSites were reported for the subject sites or adjoining properties.

Deeds Restrictions List (aka: Border Zone Property List): A database of agreements with property owners who propose building residences, school, hospitals, or day care centers on property that is on or within 2,000 feet of a potentially hazardous waste site. Minimum search distance = 0.8 km (0.5 mile).

- No Deed Restriction sites were reported for the subject sites or adjoining properties.

Cortese List: A historical database provided by the Office of Environmental Protection, Office of Hazardous Materials. The Cortese List is a published list of potential and confirmed hazardous waste sites within California from 14 different databases. Minimum search distance = 0.8 km (0.5 mile).

- No Cortese sites were reported for the subject sites.
- Four sites within the vicinity are listed as Cortese sites; 1) United States Government, was identified at 5300 Bandini Boulevard, approximately 0.6 km (0.04 miles) east of the subject sites; 2) Watkins Motor Lines, was identified at 4500 Bandini Boulevard, approximately 0.2 km (0.13 miles) west of the subject sites, 3) Kop Coat, Inc., was identified at 5431 District Boulevard, approximately 0.62 km (0.39 miles) south of the subject sites, and 4) Certified Coatings Prod. Co., was identified at 2414 South Conner Avenue, approximately 0.75 km (0.43 miles) north of the subject sites.

Due to the regulatory status and/or the relative distances of these sites, the potential for these facilities to have created a REC at the sites appears low.

Toxic Pits: A historical database provided by the Water Quality Control Board, Division of Loans and Grants. Minimum search distance = 0.8 km (0.5 mile).

- No Toxic Pit sites were reported for the subject sites or adjoining properties.

Spill, Leaks, and Industrial Cleanups (SLIC): A historical database provided by the Water Quality Control Board, Division of Loans and Grants. Minimum search distance = 0.8 km (0.5 mile).

- No SLIC sites were reported for the subject sites.
- One current SLIC site, Kop Coat, Inc., was identified at 5431 District Boulevard, approximately 0. 6 km (0.4 miles) south of the subject sites.

Due to the regulatory status and/or the relative distances of this site, the potential for this facility to have created a REC at the sites appears low.

3.3 Local

Leaking Underground Storage Tanks (LUST): A database provided by the Regional Water Quality Control Board (RWQCB). Minimum search distance = 0.8 km (0.5 mile).

- No LUST sites were reported for the subject sites.
- Several LUST sites were identified within one-half mile from the sites, up-gradient and cross-gradient sites are identified as follows: 1) United States Government, was identified at 5300 Bandini Boulevard, approximately 0. 06 km (0.04 miles) east of the subject sites; 2) DeWitt Trans Storage, 4528 East Bandini Boulevard is approximately 0.17 km (0.11 miles) northwest of the sites; 3) U.S. Army (Gen. Geo. S. Patton Jr.), was identified at 5340 Bandini Boulevard, approximately 0.19 km (0.12 miles) east of the subject sites; 4) Watkins Motor Lines was identified at 4500 Bandini Boulevard, approximately 0.2 km (0.13 miles) west of the subject sites; 5) City of Commerce Refuse, was identified at 2535 Sheila Street, approximately 0.62 km (0.39 miles) north of the subject sites; and 6) Certified Coating Prod. Co., was identified at 2414 South Conner Avenue, approximately 0.7 km (0.43 miles) north of the subject sites.

Due to the regulatory status of these sites, the potential for these facilities to have created a REC at the sites appears low.

Solid Waste Landfills (SWLF): Databases provided by the Integrated Waste Management Board and Los Angeles County Solid Waste Management Program. Minimum search distance = 0.8 km (0.5 mile).

- No SWLF sites were reported for the subject sites.
- One SWLF site was identified within one-half mile from the sites, Flour Corporation, was identified at 2500 South Atlantic Boulevard, approximately 0.75 km (0.5 miles) northeast of the subject sites.

Due to the regulatory status of these sites, the potential for these facilities to have created a REC at the sites appears low.

3.4 Private

Munger Map Book California – Alaska Oil and Gas Fields: the 1999 Munger Map book (pages W-64 and 166 (Bandini Wellfield)) was checked for any historic or current oil wells for the site and the site vicinity. The Munger Book revealed one exploratory well within the Flour Corporation property, approximately 0.75 km (0.5 miles) northeast of the subject sites.

3.5 Local Agency Visits

Local agency data was requested for the known problem sites, which included the Patton US Army Reserve Center (PUSARC), Office of Adjutant General, California Army National Guard site, DeWitt Trans Storage, and Watkins Motor Lines.

Los Angeles Regional Water Quality Control Board (LARWQCB)

Files reviewed at the RWQCB included the Underground Storage Tank (UST) Case Closure at the Patton US Army Reserve Center (PUSARC) located at 5340 Bandini Boulevard in Bell, California. Two USTs were removed from the site in 1991 and 1992 from the property and soil sampling from the two areas revealed minor soil contamination to 10 feet below ground surface (bgs) at one of the UST locations. Recommendations for no further action (NFA) due to the predominantly fine-grained nature of site soils and a groundwater depth of approximately 100 feet bgs, the heavy, relatively immobile and insoluble petroleum hydrocarbons were likely to degrade as a result of natural microbiological activity in the soil, and was unlikely to pose any threat to groundwater. The RWQCB issued a "Case Closure-No Further Action" letter to the PUSARC on November 4, 1996 (see Appendix I-IV). Records for the United States Government site at 5300 Bandini Boulevard were not available for review from the RWQCB.

Los Angeles County Department of Public Works (LACDPW)

The LACDPW records for the Office of Adjutant General, California Army National Guard site, located at 5300 Bandini Boulevard were reviewed. The California Army National Guard received correspondence from the LACDPW dated April 29, 1993. The LACDPW stated that they had reviewed the files for the subject site and found that the site was put into the Underground Storage Tank (UST) Local Oversight Program (LOP) due to an accidental misfiling of documents which led their staff to believe that USTs had been removed from the site revealing evidence of a petroleum release. The file was rejected from the UST LOP. One 550-gallon waste oil tank removed from the site in 1994. Soil samples were analyzed and the results were provided to the LACDPW on February 23, 1994. Soil contamination was not evident; however, a tank closure permit was not issued to the site. Two USTs (one 4,000-gallon and one 8,000-gallon USTs) remain at the site and both USTs have received a California Upgrade Compliance Certificate (No. 21981). The most recent UST inspection on file with the LACDPW was dated January 11, 2002 (see Appendix I-V).

The LACDPW records for the Patton US Army Reserve Center (PUSARC) located at 5340 Bandini Boulevard included a copy of the RWQCB "No Further Action" (NFA) letter to the PUSARC on November 4, 1996 (see Appendix I-IV).

California Department of Toxic Substances Control (DTSC)

The DTSC has no records for the requested sites, United States Government, DeWitt Trans Storage, U.S. Army (Gen. Geo. S. Patton Jr.), or Watkins Motor Lines.

City of Vernon, Environmental Health Department (VEHD)

Records were reviewed from the VEHD for DeWitt Trans Storage. In a March 14, 1991 correspondence from the City of Vernon to Morgan, Lewis, & Bockius regarding the DeWitt property, VEHD states that in a Final Tank Removal/Geologic Report dated 1/10/91 submitted by PIC Environmental Services (PIC), the site no longer contains any soil known to be contaminated with any hazardous material and PIC recommended closure of the site. The VEHD stated that the City of Vernon considers the site assessment and remediation complete and concurred with the site closure recommendation made by PIC. A UST Closure Letter was not retrieved within the VEHD file made available. VEHD employee (Charla Duncan) reported that Closure Letters are not always issued (see Appendix I-VI).

Records were reviewed from the VEHD for Watkins Motor Lines. A UST Closure Letter issued for removal of seven USTs was issued on September 27,1993. A UST Closure Letter issued for removal of four USTs on September 1, 1999 (see Appendix I-VII).

4.0 INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS

4.1 Site Reconnaissance and Interviewed Personnel

The site reconnaissance was conducted by Patrick Corsinita and Janet Tentler on March 28, 2002. Site reconnaissance was performed by walking each individual site. All site observations were made on public land from public thoroughfares.

4.2 Hazardous Substances in Connection with Identified Uses

Hazardous substances were not identified in connection with the historic use of the subject sites. No current uses appear likely to involve the use and storage of reportable quantities of hazardous materials or wastes.

4.3 Unidentified Substances, Containers, Staining or Stressed Vegetation

Unidentified substances, containers, significant stains, or stressed vegetation was not observed on or adjoining the subject sites during the site reconnaissance.

4.4 Storage Tanks

4.4.1 Underground Storage Tanks (USTs)

No indications of underground fuel storage tanks (UST), such as vent lines or fill pipes, were observed during the site reconnaissance.

4.4.2 Aboveground Storage Tanks (ASTs)

Aboveground storage tanks (ASTs) were not observed or reported on the subject property.

4.5 Indications of Polychlorinated Biphenyls (PCBs)

Pad-mounted transformers or underground were not observed within the subject sites.

4.6 Indications of Solid Waste Disposal

Evidence of active landfills or other solid waste disposal areas were not observed during the site reconnaissance.

4.7 Any Other Areas of Concern

Additional areas of concern were not identified at the time of site reconnaissance.

5.0 FINDINGS AND CONCLUSIONS

The Initial Site Assessment was performed in conformance with applicable portions of the scope and limitations of ASTM Practice E 1527-00 of the of the Interstate 710 Freeway Atlantic/Bandini Interchange (710-2), within the City of Vernon, Los Angeles County, California. Exceptions to, or deletions from, this practice are described in the body of this report.

The subject site is comprised of three separate sections within the 710 Freeway Atlantic/Bandini Interchange, currently identified as 710-2-a, 710-2-b and 710-2-c. The three sections, 710-2-a, 710-2-b and 710-2-c, are located within the on- and off-ramps of the 710 Freeway at the Atlantic/Bandini Interchange. Recognized Environmental Conditions (RECs), as defined by ASTM Practice, were not observed during the site reconnaissance.

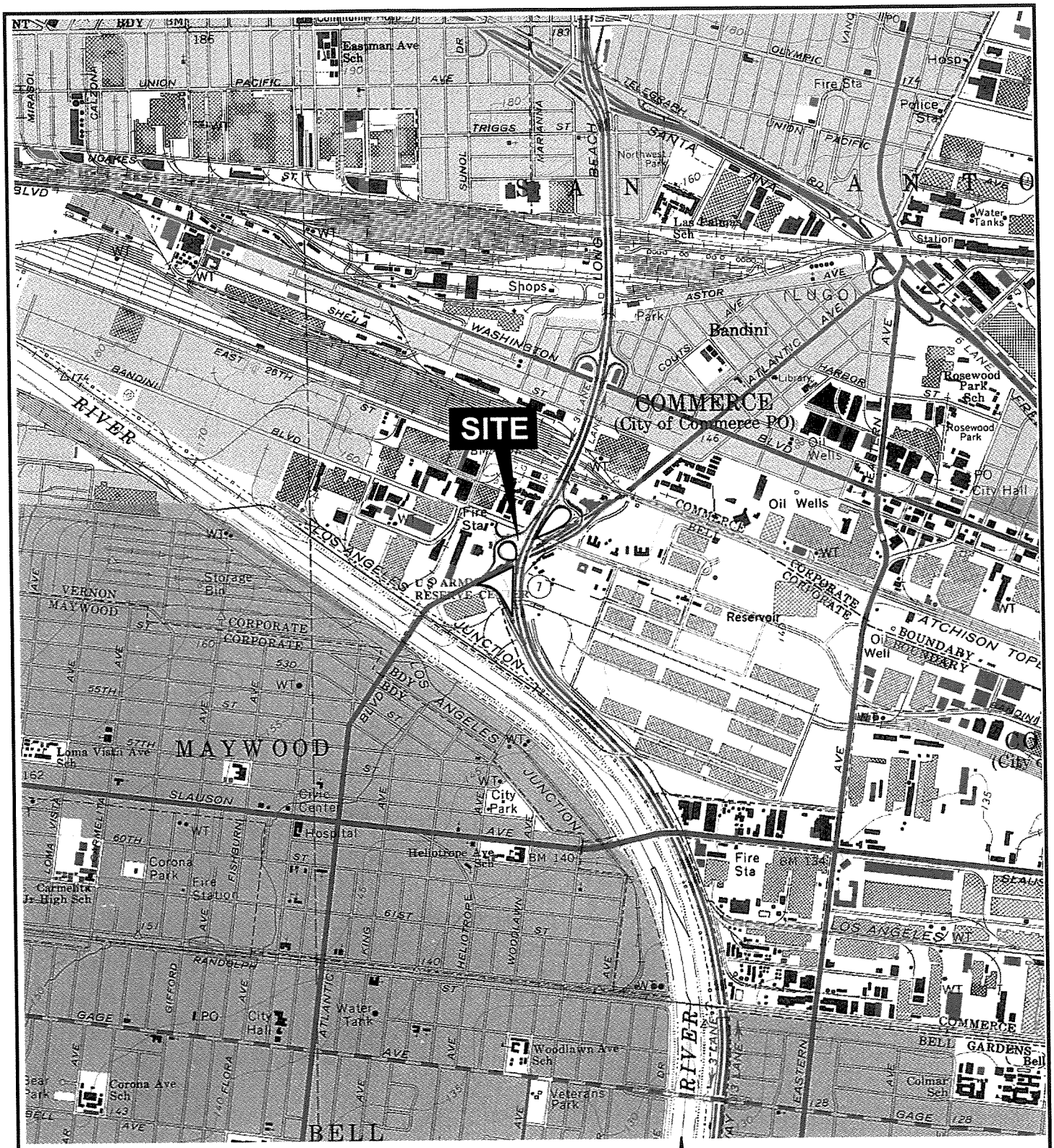
Review of historical data indicated that sections 710-2-a and 710-2-b were undeveloped at the time of the freeway construction in the early 1950s. Section 710-2-c was historically developed as a large commercial facility and an associated parking lot from at least 1947 until at least 1952. The large commercial facility was demolished for the construction of the 710 Freeway. Recognized Environmental Conditions (RECs) were not noted in the historical documents reviewed with one exception, a possible junkyard with surface staining was observed in the 1947 aerial photograph, to the north of the northeastern possible (710-2-c) infiltration basin.

A review of the environmental database report indicates no listing of the site for environmental conditions. RECs were not noted in the agency database report review.

TABLE 1 – LOCAL AGENCY CONTACTS

	Regional Water Quality Control Board –Los Angeles Region (RWQCB-LAR)	City of Vernon Environmental Health Department (VEHD)	California Department of Toxic Substances Control (DTSC) - Regions 3/4	Los Angeles County Department of Public Works (LACDPW)
710-2				
U.S. Army Reserve Center (Geo. Patton), 5340 Bandini, LA (Appendix D)	11/4/96 – UST Closure Letter Issued	NR	NR/NR	NR
US Government (Postal Service), 5300 Bandini, Bell (Appendix E)	Unable to locate records	NA	NR/NR	UST The California Army National Guard received correspondence from the LACDPW dated April 29, 1993. The LACDPW stated that they had reviewed the files for the subject site and found that the site was put into the Underground Storage Tank (UST) Local Oversight Program (LOP) due to an accidental misfiling of documents which led their staff to believe that USTs had been removed from the site revealing evidence of a petroleum release. The file was rejected from the UST LOP. One 550-gallon waste oil tank removed from the site in 1994. Soil samples were analyzed and the results were provided to the LACDPW on February 23, 1994. Soil contamination was not evident; however, a tank closure permit was not issued to the site. Two USTs (one 4,000-gallon and one 8,000-gallon USTs) remain at the site and both USTs have received a California Upgrade Compliance Certificate (No. 21981). The most

FIGURES



SOURCE: U.S.G.S. 7.5 MINUTE TOPOGRAPHIC MAPS,
LOS ANGELES, CA and SOUTH GATE, CA QUADS,
PHOTOREVISED 1981.

0 2,000 4,000

Scale, feet

SITE VICINITY MAP

Date: APRIL 2003	Project: INTERSTATE 710/ATLANTIC/BANDINI INTERCHANGE	Figure: I-1

L:/Caltrans/janet/atlantic site.cdr

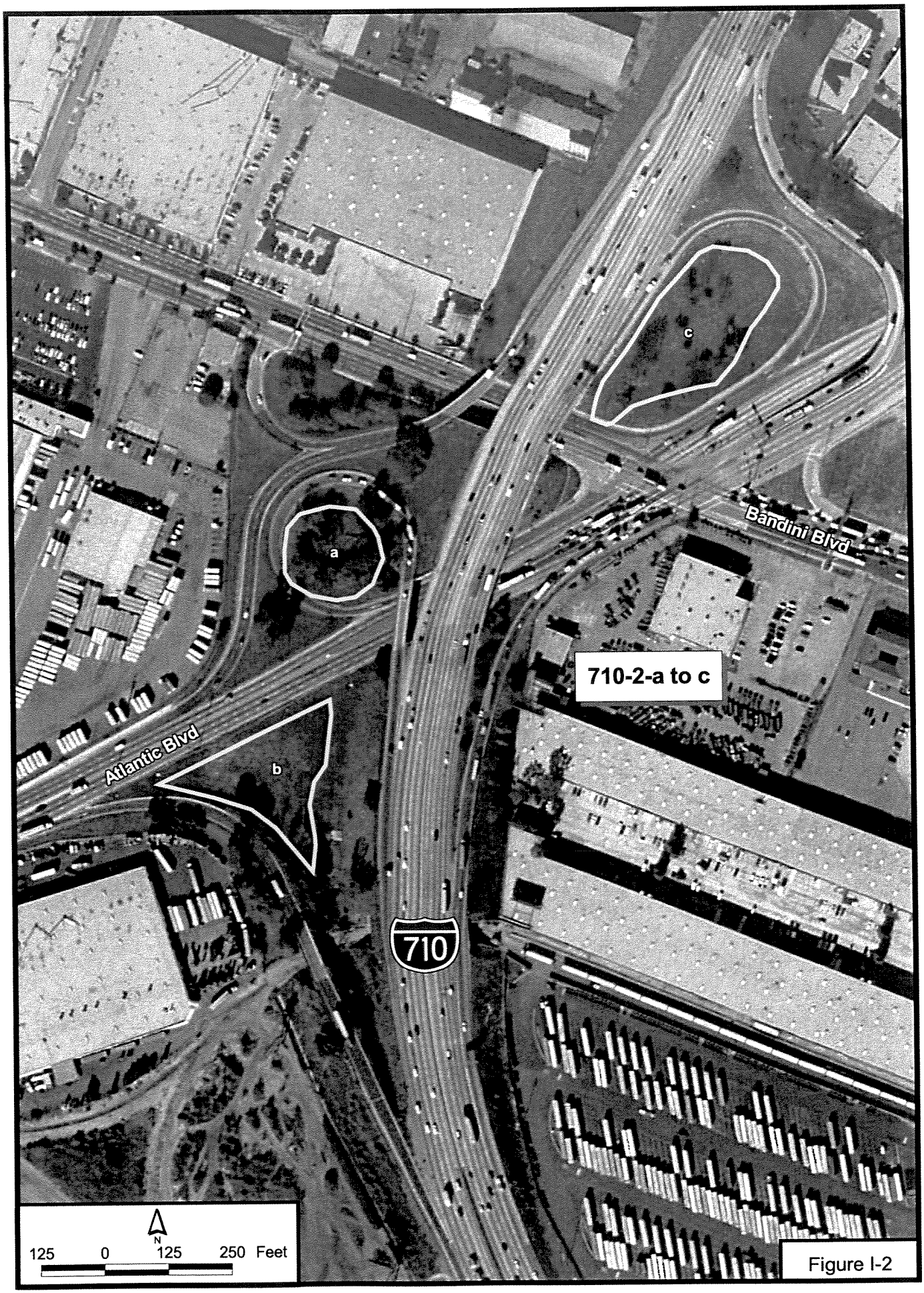
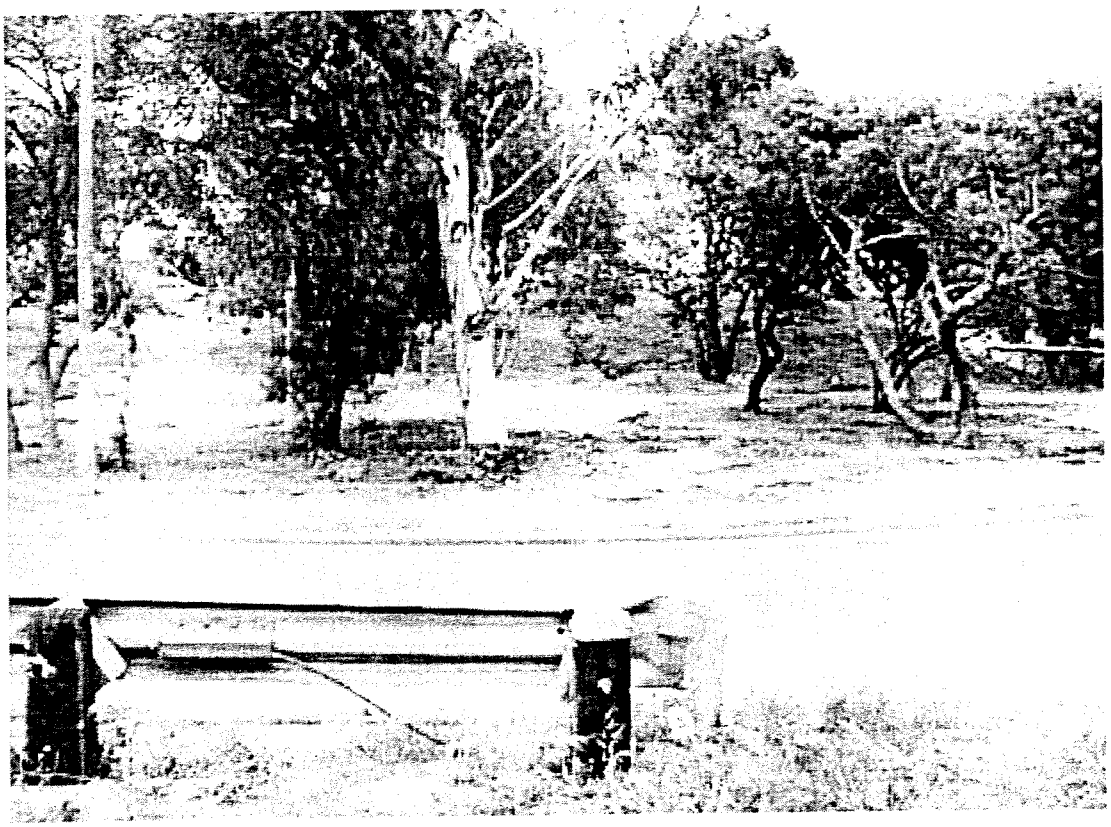

a
b
c
Bandini Blvd
Atlantic Blvd
710
710-2-a to c
N
125 0 125 250 Feet

Figure I-2

Appendix I-I

Site Photographs

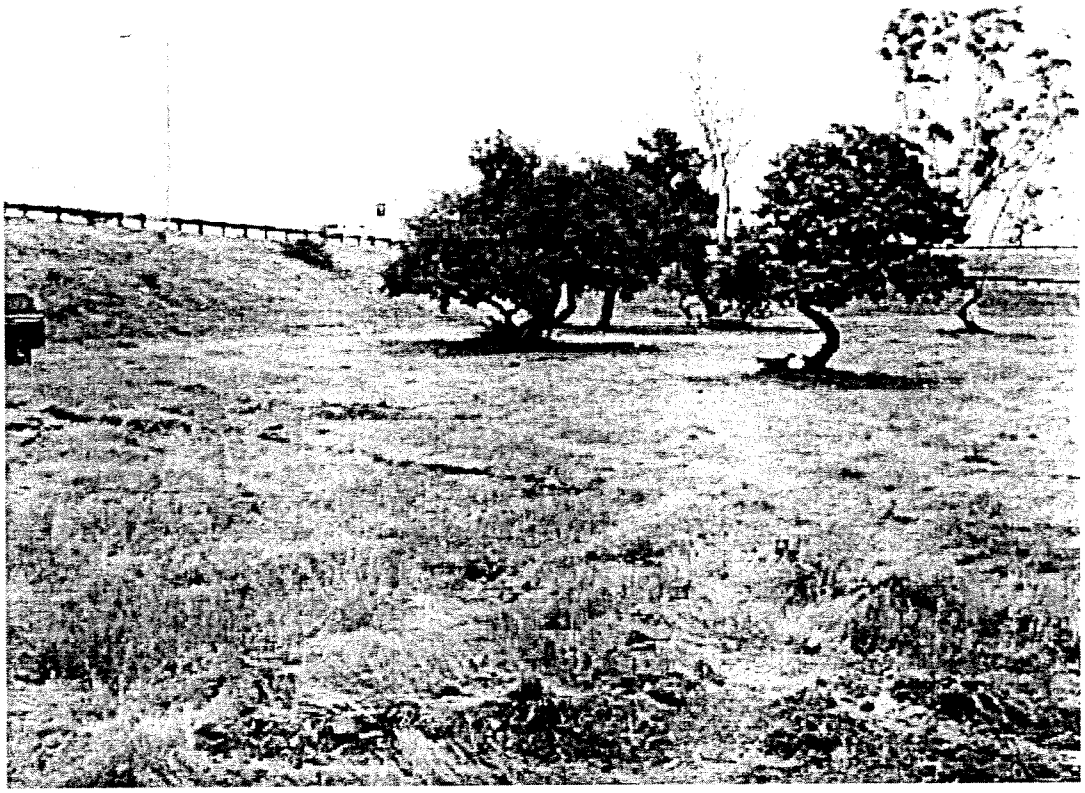


Photograph No. 1: Atlantic/Bandini Interchange, Section 710-2-a. Photo taken looking north.

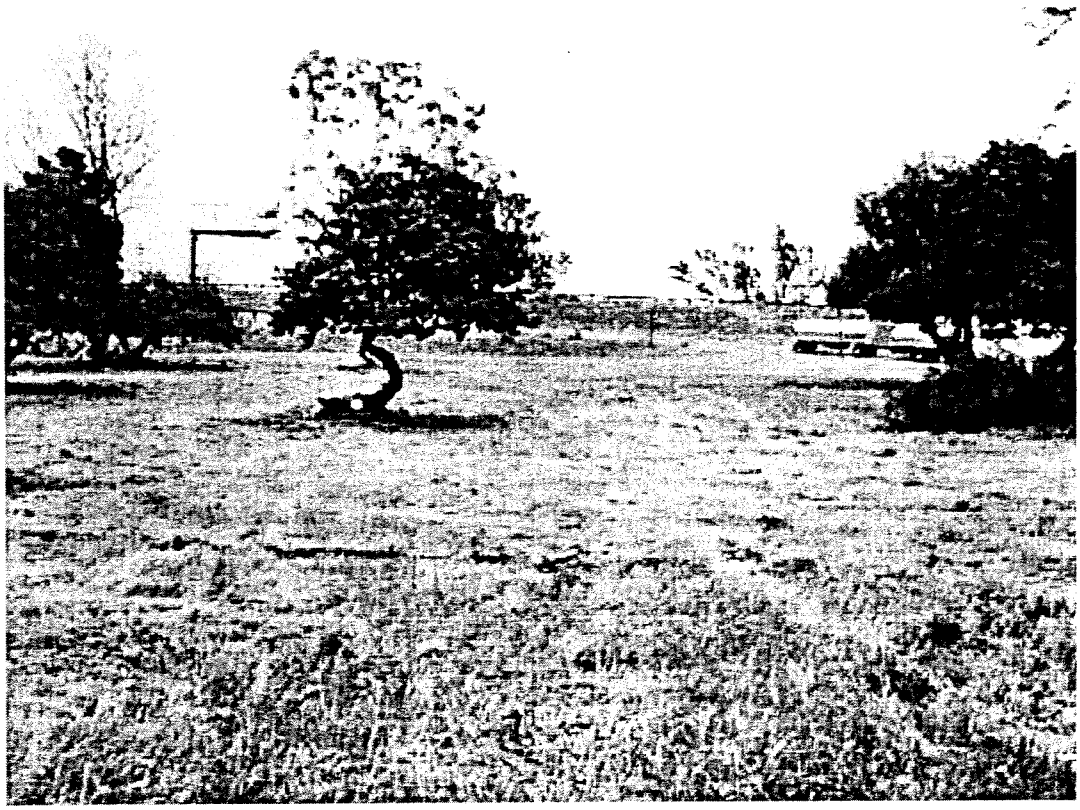
Photograph No. 2: Atlantic/Bandini Interchange, Section 710-2-a. Marker indicating proposed soil boring. Photo taken looking north.

Photograph No. 3: Atlantic/Bandini Interchange, Section 710-2-b. Photo taken looking northeast.

Photograph No. 4: Atlantic/Bandini Interchange, Section 710-2-b. Photo taken looking northwest.



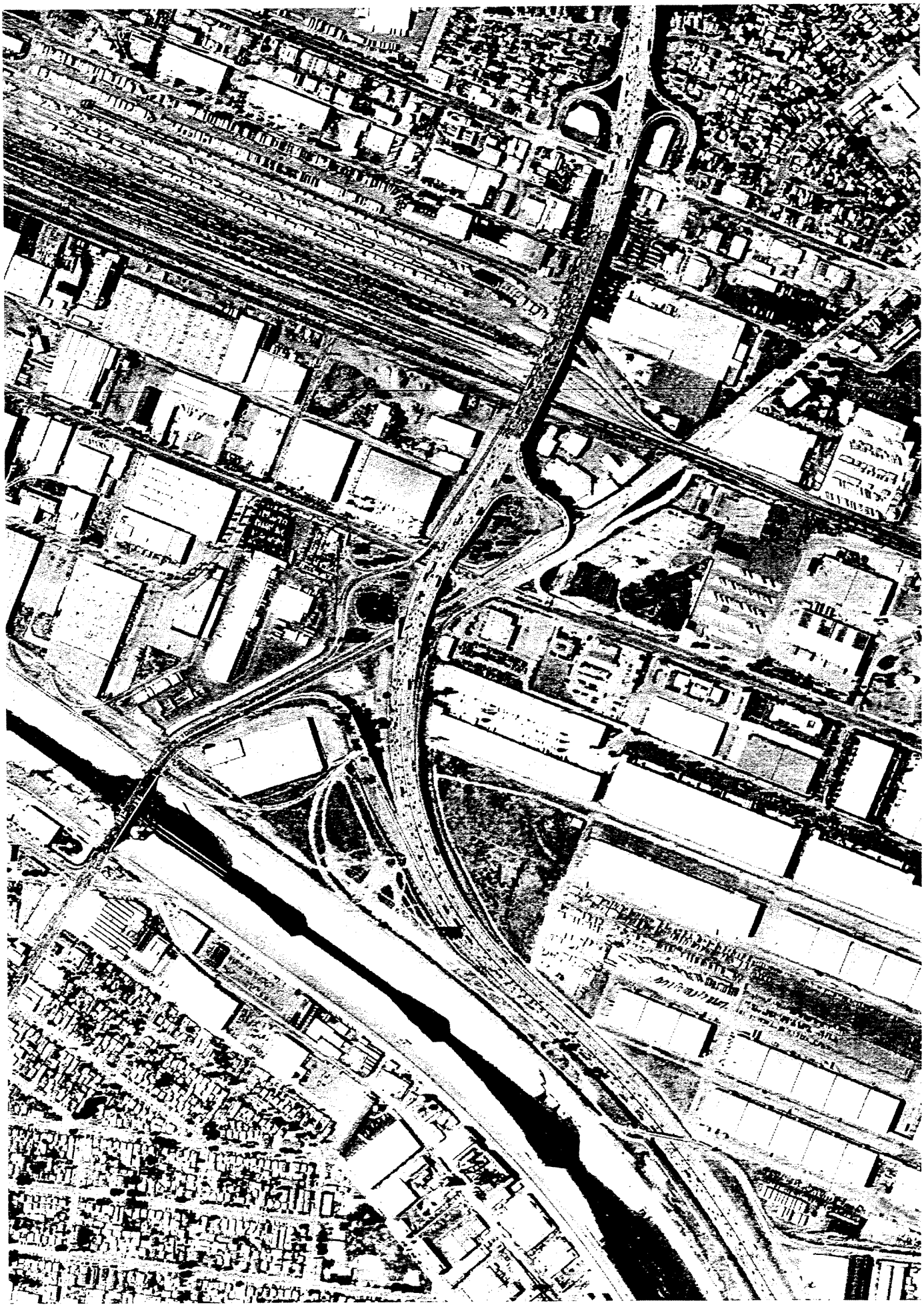
Photograph No. 5: Atlantic/Bandini Interchange, Section 710-2-c. Marker in foreground indicating proposed soil boring. Photo taken looking north.



Photograph No. 6: Atlantic/Bandini Interchange, Section 710-2-c. Marker in foreground indicating proposed soil boring. Photo taken looking north.

Appendix I-II

Historic Aerial Photographs



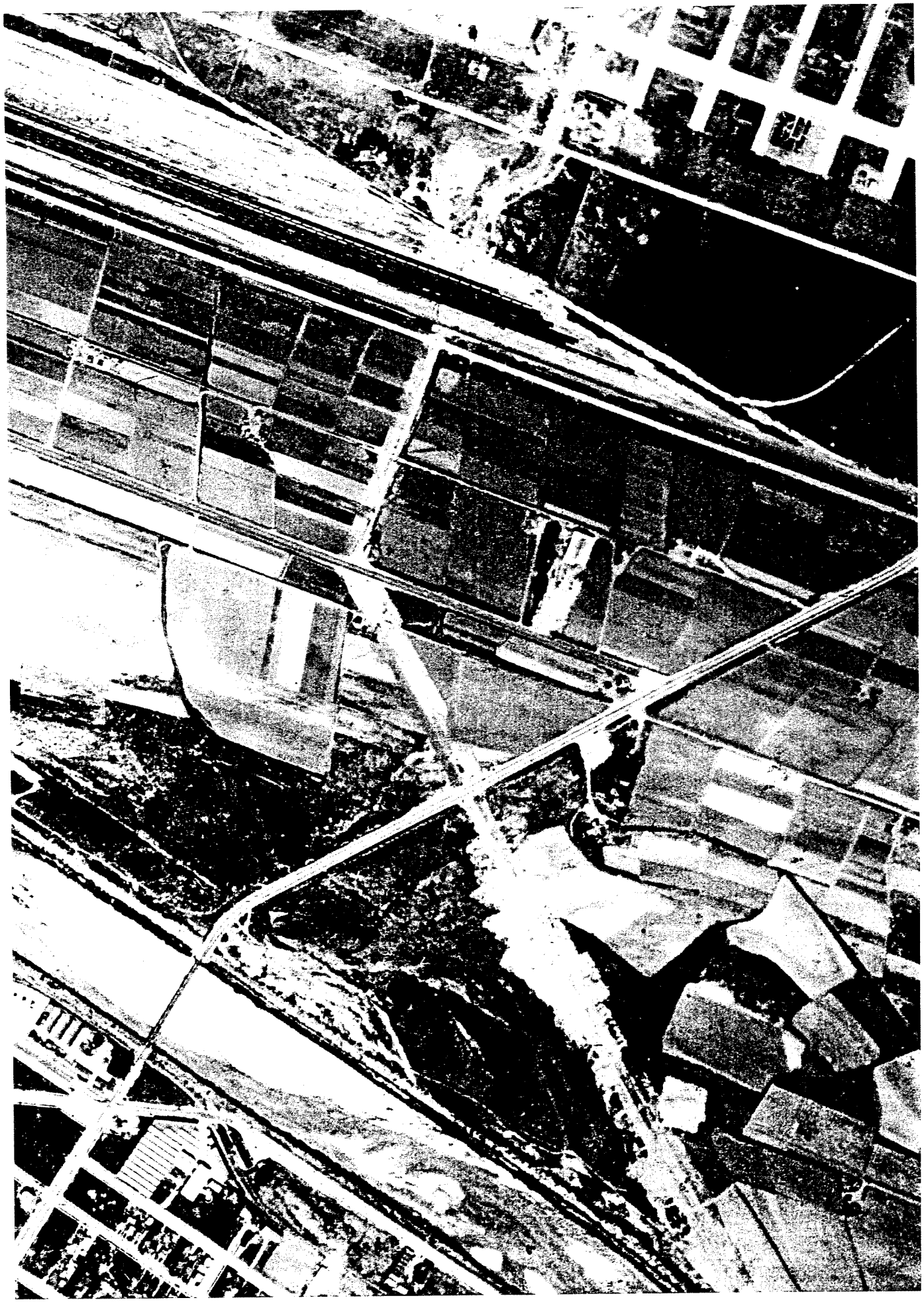
Inquiry # 750124

Year: 1994

Flyer: USGS

Scale: 1"=666'

N



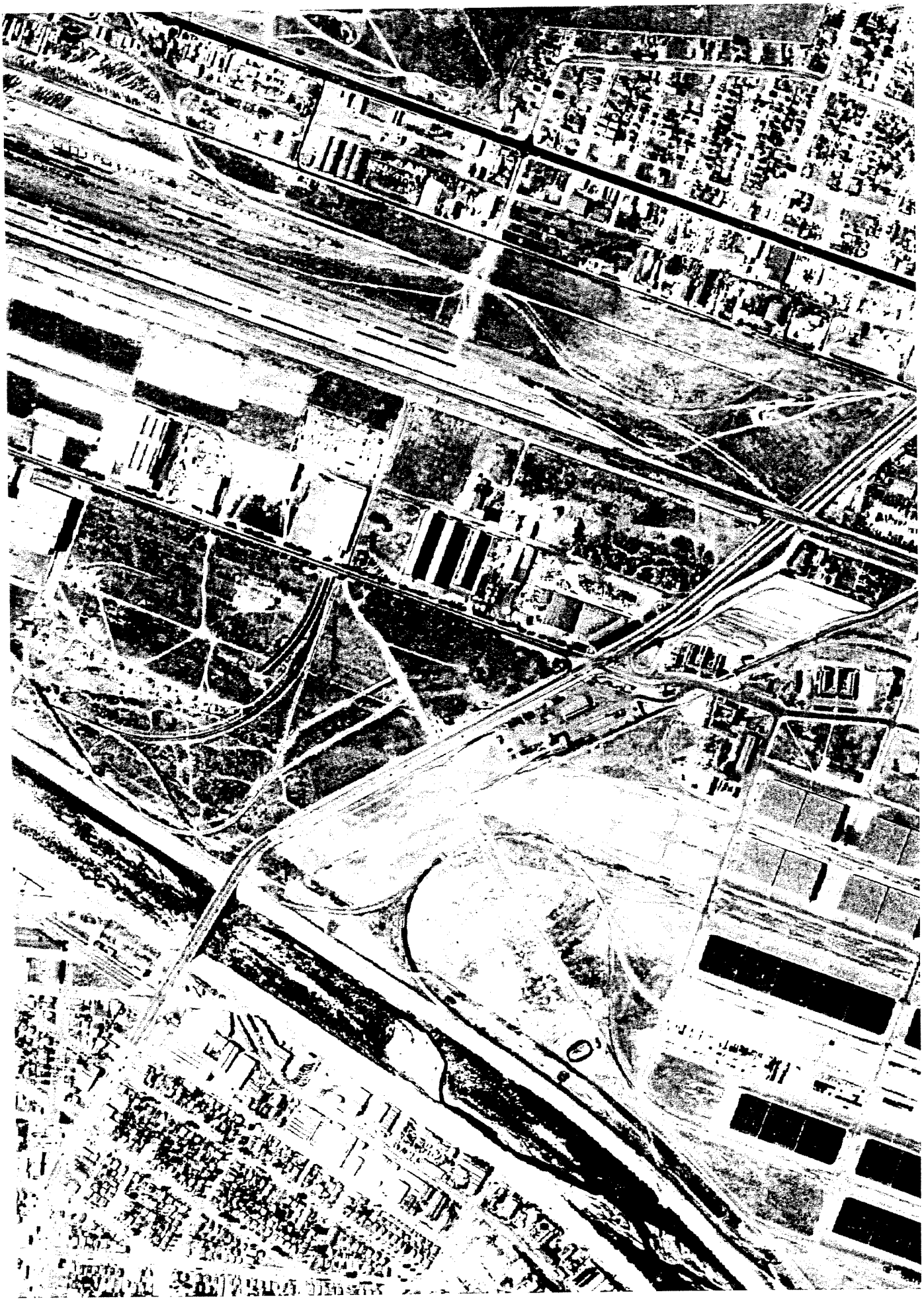
INQUIRY# 750104

YEAR: 1928

FLYER: Fairchild

SCALE: 1"=500'

N



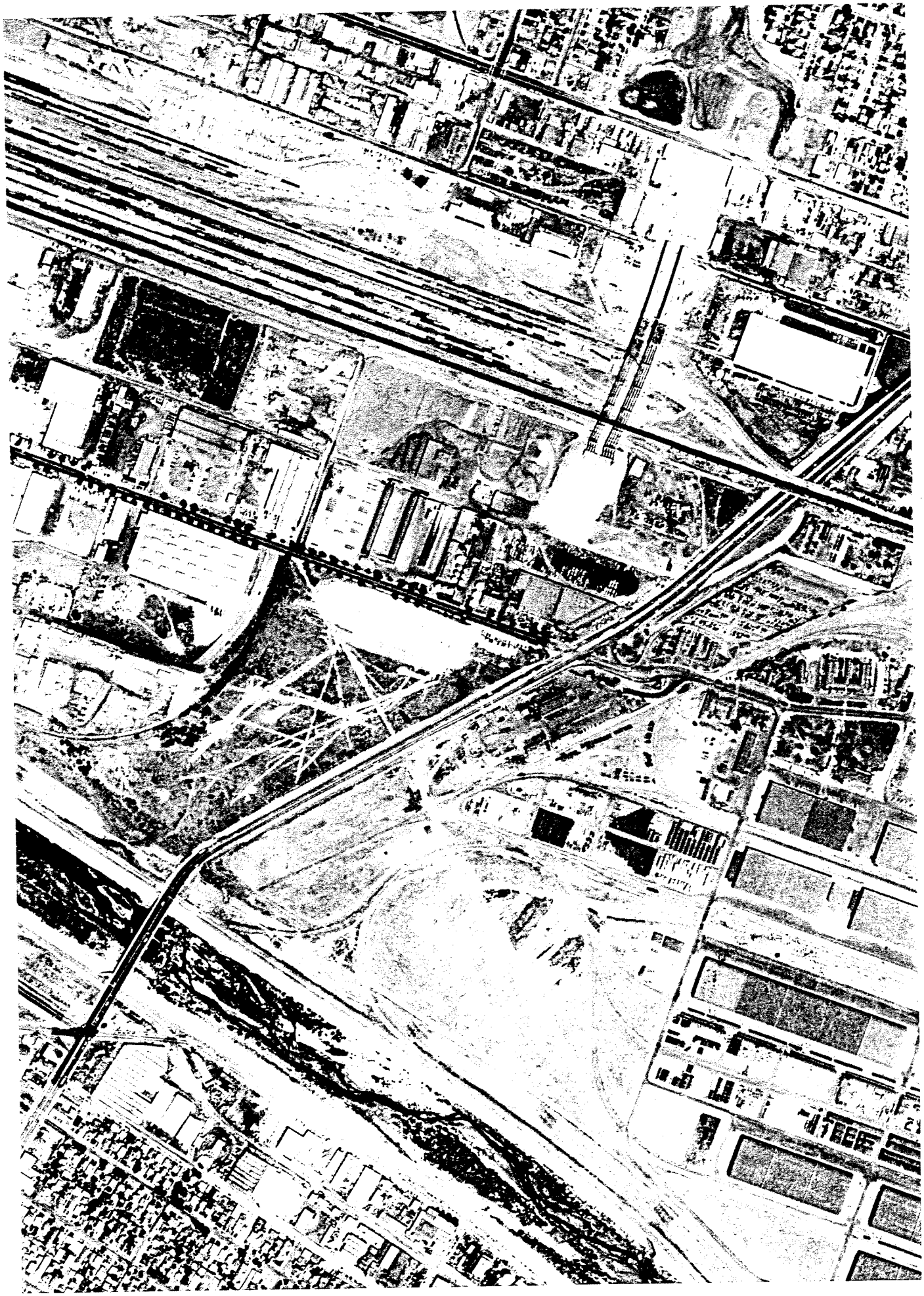
Inquiry # 750104

Year: 1947

Flyer: Fairchild

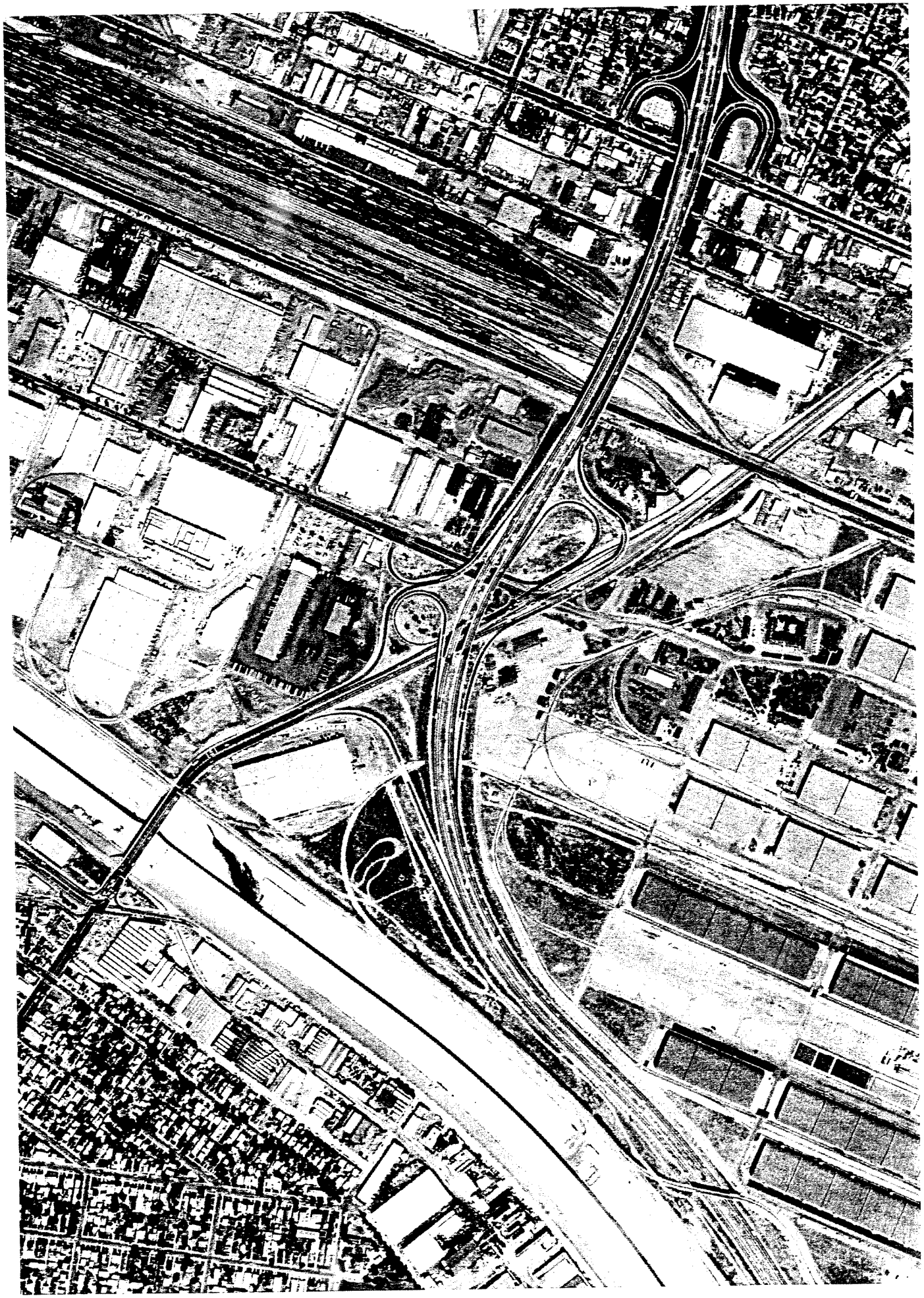
Scale: 1"=666'

N



INQUIRY # 7 5 0 1 0 4 ·
YEAR: 1952
FLYER: PACIFIC AIR
SCALE: 1"=555'

N ↑



Inquiry # 750102

Year: 1965

Flyer: Fairchild

Scale: 1"=600'

N

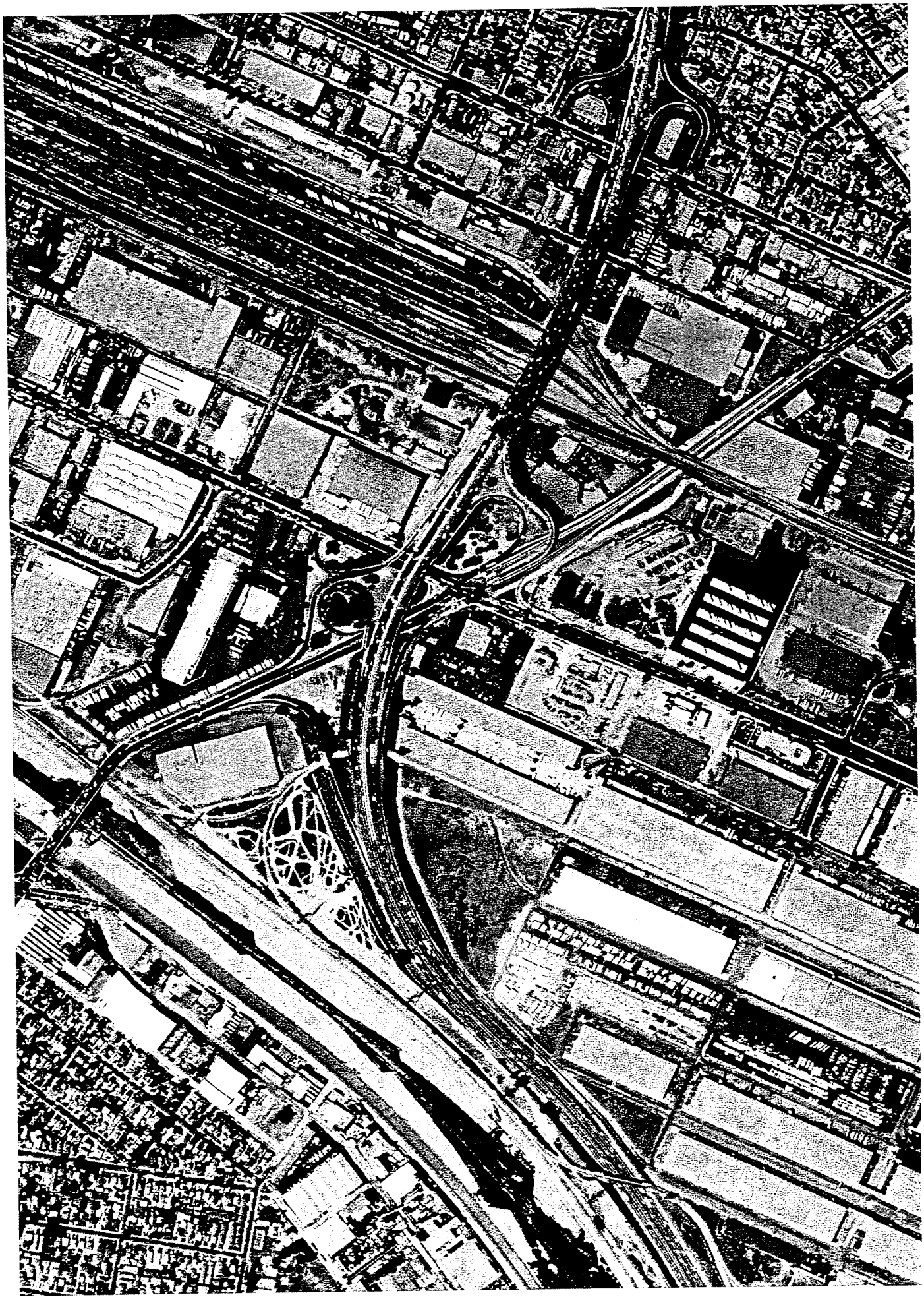
Inquiry #

Year: 1976

Flyer: Teledyne

Scale: 1"=666'

N



INQUIRY # 750104

YEAR: 1989

FLYER: USGS

SCALE: 1" = 666'

N

Appendix I-III

Environmental Database Report

SITE ASSESSMENT PLUS REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: 710-2 710/Atlantic/Bandini Atlantic/Bandini Vernon, CA Latitude/Longitude: (33.998037, 118.175698)	

Site Distribution Summary Agency / Database - Type of Records			within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
A) Databases searched to 1 mile:						
US EPA	NPL	National Priority List	0	0	0	1
US EPA	CORRACTS	RCRA Corrective Actions (w/o TSD)	0	0	0	0
US EPA	TSD CORRACTS	RCRA Corrective Actions and associated TSD	0	0	0	2
STATE	SPL	State equivalent priority list	0	0	0	0
B) Databases searched to 1/2 mile:						
STATE	SCL	State equivalent CERCLIS list	0	0	0	-
US EPA	CERCLIS / NFRAP	Sites currently or formerly under review by US EPA	1	0	0	-
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	-
STATE REG CO	LUST	Leaking Underground Storage Tanks	3	1	3	-
STATE/ REG/CO	SWLF	Permitted as solid waste landfills, incinerators, or transfer stations	0	0	2	-
STATE	DEED RSTR	Sites with deed restrictions	0	0	0	-
STATE	CORTESE	State index of properties with hazardous waste	1	1	2	-
STATE	TOXIC PITS	Toxic Pits cleanup facilities	0	0	0	-
USGS/STATE	WATER WELLS	Federal and State Drinking Water Sources	0	0	0	-
STATE	SPILLS	State spills list	0	0	1	-

Site Distribution Summary

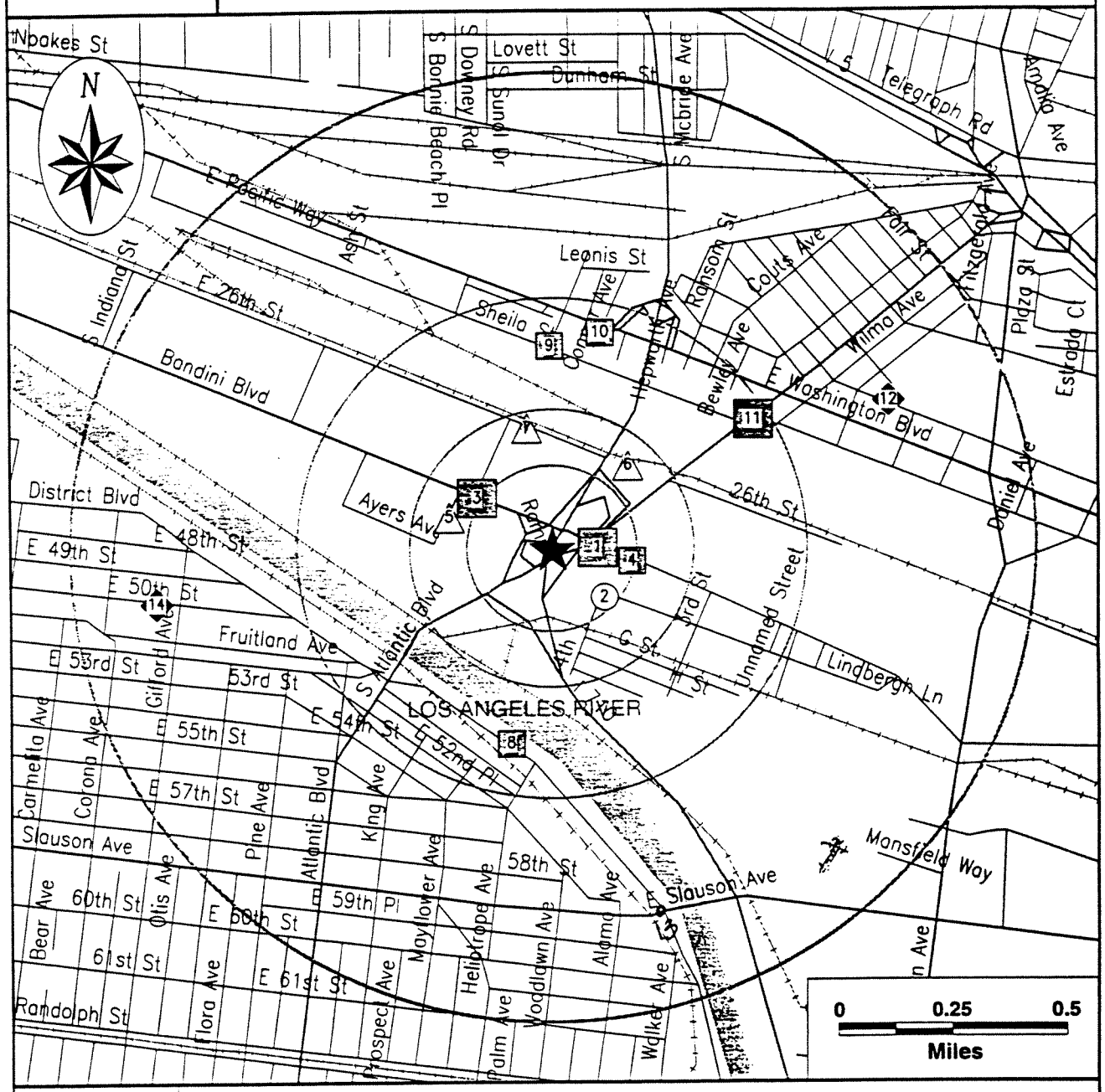
Agency / Database - Type of Records			within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
C) Databases searched to 1/4 mile:						
US EPA	RCRA Viol	RCRA violations/enforcement actions	0	0	-	-
US EPA	TRIS	Toxic Release Inventory database	0	0	-	-
STATE	UST/AST	Registered underground or aboveground storage tanks	5	6	-	-
COUNTY	UNIQUE CO	Unique county databases	0	0	-	-
D) Databases searched to 1/8 mile:						
US EPA	ERNS	Emergency Response Notification System of spills	0	-	-	-
US EPA	GNRTR	RCRA registered small or large generators of hazardous waste	3	-	-	-
US EPA	NOTIFIER	RCRIS Notifiers	0	-	-	-

This report meets the ASTM standard E-1527 for standard federal and state government database research in a Phase I environmental site assessment. A (-) indicates a distance not searched because it exceeds these ASTM search parameters.

NOTES

SITE ASSESSMENT PLUS REPORT

Map of Sites within One Mile

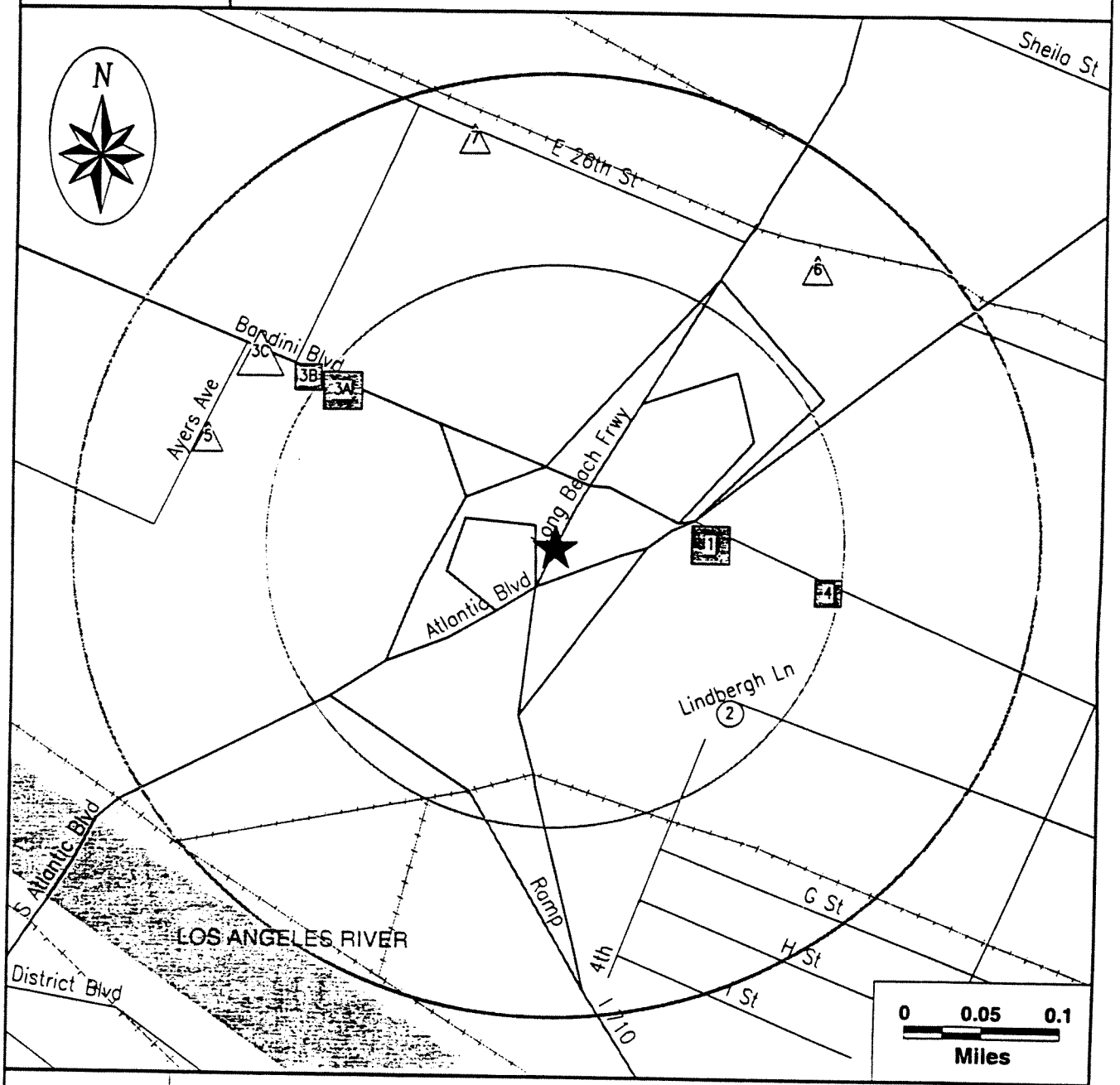


Subject Site	Category:	A	B	C	D
★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	▣	△	○
	Multiple Sites	◆	▣	△	○
Highways and Major Roads Roads Railroads Rivers or Water Bodies Utilities		NPL, SPL, CORRACTS (TSD)	CERCLIS\ NFRAP,WELLS TSD, LUST, SWLF, SCL	RCRA VIOL, TRIS, UST	ERNS, GENERATORS

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

SITE ASSESSMENT PLUS REPORT

Map of Sites within Quarter Mile



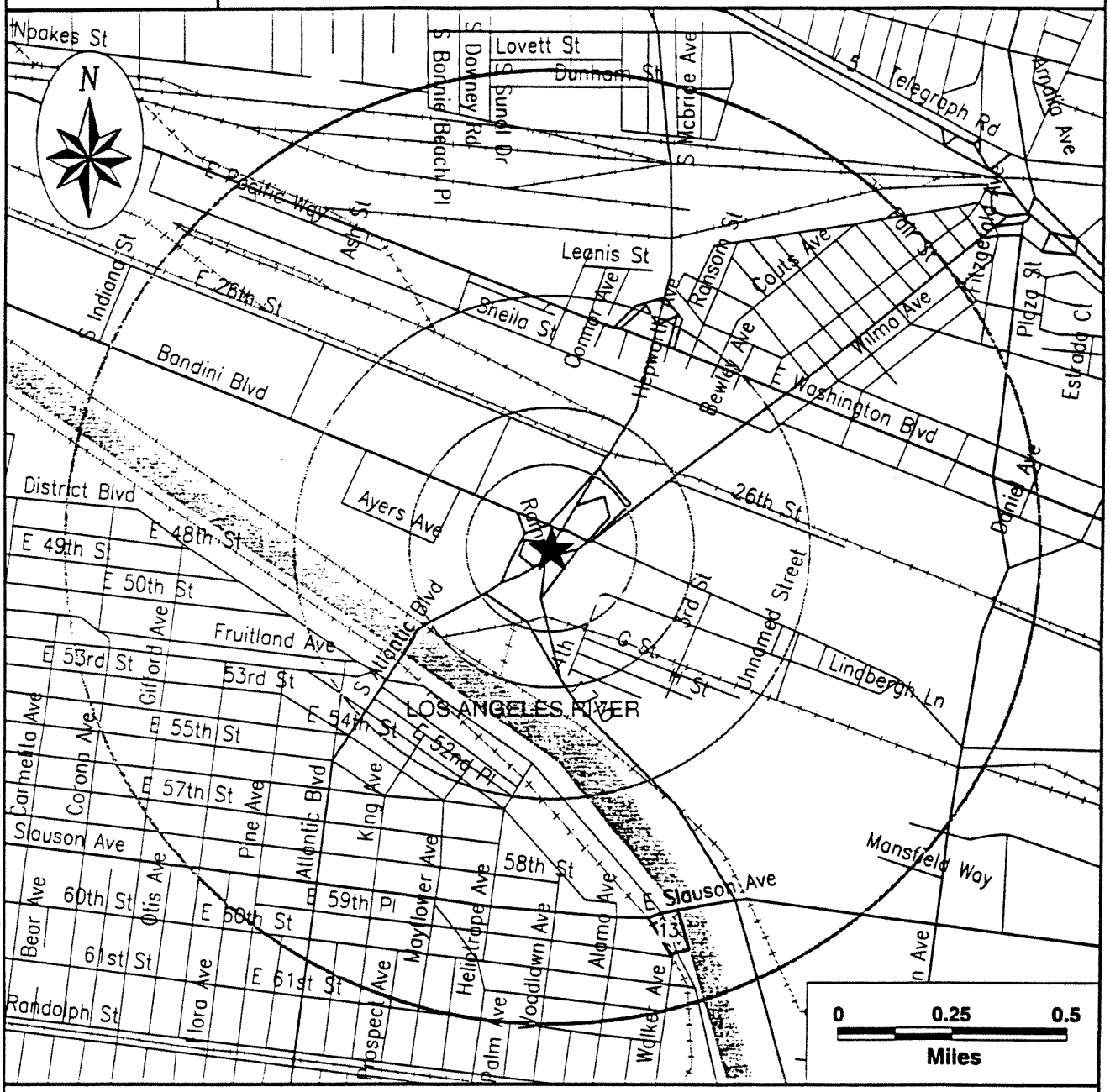
Subject Site	Category:	A	B	C	D
★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	▣	△	○
	Multiple Sites	◆	▣	△	○
		NPL, SPL, CORRACTS (TSD)	CERCLIS\ NFRAP,WELLS TSD, LUST, SWLF, SCL	RCRA VIOL, TRIS, UST	ERNS, GENERATORS

Highways and Major Roads
Roads
Railroads
Rivers or Water Bodies
Utilities

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

SITE ASSESSMENT PLUS REPORT

Sites Represented as Polygons

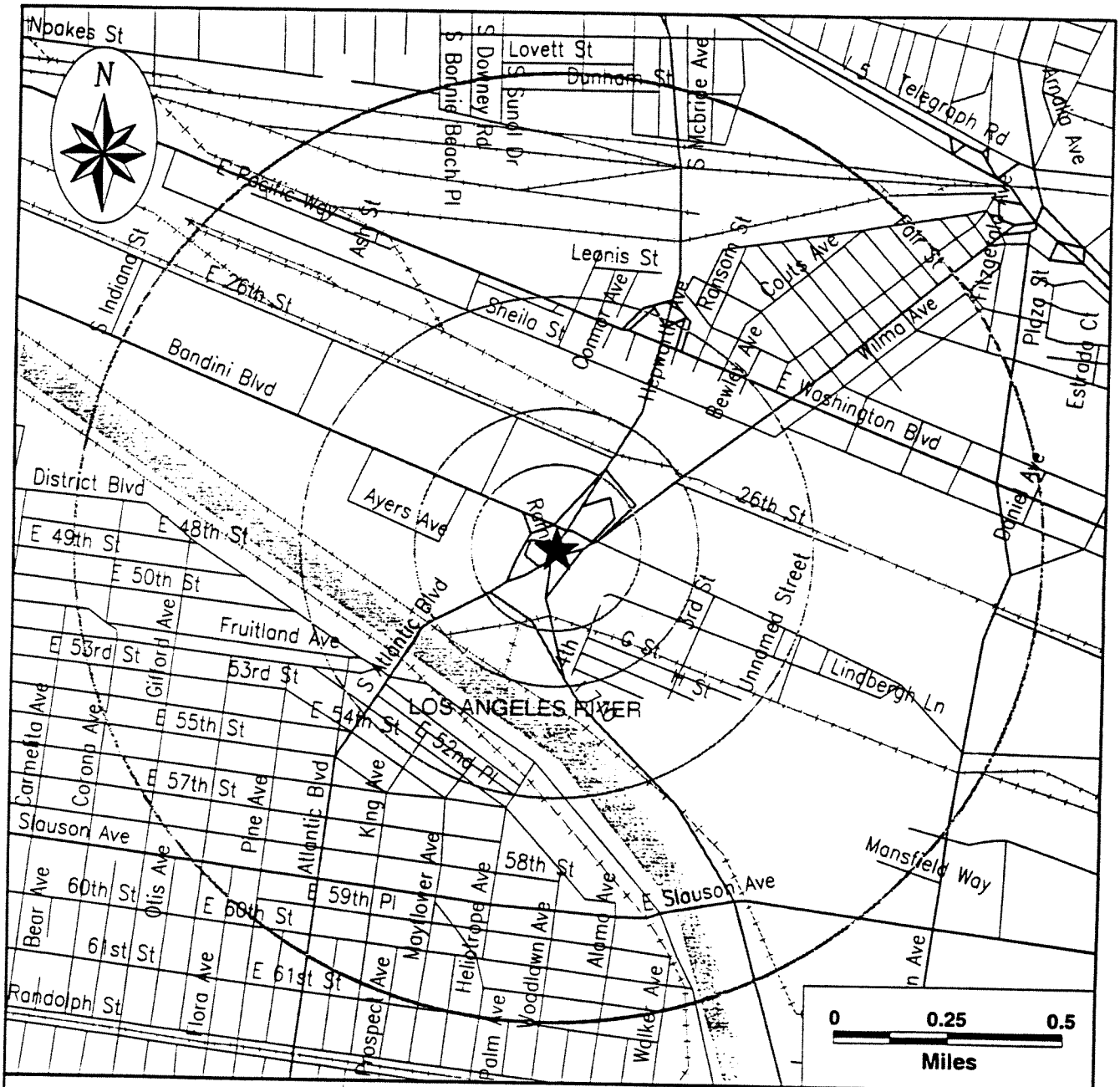


These boundaries are approximated from agency records or other sources such as published maps. They may represent property boundaries, impact zones, or study areas. For more information contact the agency referenced by source number in the site listing.

★ Subject Site	Highways and Major Roads Roads Railroads Rivers or Water Bodies Utilities

SITE ASSESSMENT PLUS REPORT

Street Map



Subject Site ★

Highways and Major Roads
Roads
Railroads
Rivers or Water Bodies
Utilities

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	DISTANCE DIRECTION	A				B										C				D		
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	SPILLS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR	NOTIFIERS
3C	PFIZER, INC 2800 AYERS LOS ANGELES, CA 90023	3192290 0.17 MI NW																	X				
5	RANDALL FOODS INC 2900 AYERS AVE LOS ANGELES, CA 90023	1600660 0.17 MI W																	X			•	
6	TENANT- ALLWAYS EXPRESS CO 4730 E 26TH LOS ANGELES, CA 90058	1245880 0.19 MI NE																	X				
7	AGRASHELL, INC. 4560 E 26TH LOS ANGELES, CA 90040	8007 0.21 MI N																	X				

MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	DISTANCE DIRECTION	A				B										C				D		
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	SPILLS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR	NOTIFIERS
8	KOP COAT INC 5431 DISTRICT BLVD LOS ANGELES, CA 90040	231992 0.39 MI S								X			X			X	•	•	•	•		•	
9	CITY OF COMMERCE REFUSE 2535 SHEILA ST LOS ANGELES, CA 90040	1194608 0.39 MI N								X													
10	CERTIFIED COATINGS PROD CO 2414 S CONNER AVE LOS ANGELES, CA 90040	1194798 0.43 MI N								X			X						•			•	
11	FLUOR CORP 2500 S ATLANTIC AVE LOS ANGELES, CA 90040	1582680 0.46 MI NE									X												
11	FLOUR CORPORATION-COMMERCE 2500 SOUTH ATLANTIC BOULVARD LOS ANGELES, CA 90040	4824051 0.47 MI NE									X												

SITE ASSESSMENT PLUS REPORT

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	DISTANCE DIRECTION	A				B										C				D		
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	SPILLS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR	NOTIFIERS
1	OFFICE OF ADJUTANT GENERAL 5300 E BANDINI BLVD BELL, CA 90201	6669333 0.04 MI E																	X				
1	UNITED STATES GOVERNMENT 5300 BANDINI BELL, CA 90201	3077495 0.04 MI E								X			X						X				
1	OMS #6 5300 BANDINI BLVD BELL, CA 90201	6848292 0.04 MI E						X														X	
2	COMMAND PACKAGING 5300 LINDBERGH LN BELL, CA 90201	3198254 0.10 MI SE																				X	
3A	CITY OF VERNON #4 4530 BANDINI LOS ANGELES, CA 90058	4019997 0.11 MI NW																	X				
3A	DE WITT TRANS STORAGE 4528 E BANDINI LOS ANGELES, CA 90023	120743 0.11 MI NW								X									X			X	
4	GEN GEO S PATTON JR US ARMY 5340 BANDINI BELL, CA 90201	321532 0.12 MI E								X									X				

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	DISTANCE DIRECTION	A				B										C				D		
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	SPILLS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR	NOTIFIERS
3B	WATKINS MOTOR LINES INC 4500 BANDINI BLVD LOS ANGELES, CA 90040	4019996 0.13 MI NW								X			X						X			•	
3C	FORTIFIBER CORPORATION 4489 BANDINI BLVD LOS ANGELES, CA 90023	1191640 0.16 MI NW																	X			•	

UNMAPPED SITES	A				B										C				D		
	NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	SPILLS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR	NOTIFIERS
UPRR/ATSFRR 7033165 E WASHINGTON BL LOS ANGELES, CA 90040																		X			
DOMINIC CASTRO DUMP 68246628 4830 54 EASTERN AVE 6081 85 RICKENBACHE COMMERCE, CA 0									X												
ATSF RAILROAD R/W 65397420 FRUITLAND AVENUE LOS ANGELES, CA 90058														X							
ALAMEDA ST 65504532 29005 ALAMEDA ST VERNON, CA 0									X												

MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	DISTANCE DIRECTION	A				B										C				D		
			NPL	CORRACTS	TSD CORRACTS	SPL	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	WATER WELLS	SPILLS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR	NOTIFIERS
12	VAN WATERS ROGERS COMMERCE 5353 JILLSON ST LOS ANGELES, CA 90040	64736923 0.75 MI E			X												•			•		•	
13	PEMACO INC 5050 E SLAUSON MAYWOOD, CA 90270	323762 0.79 MI	X							•			•						•		•	•	
14	LUMIDOR MFG CO 4770 E 50TH ST LOS ANGELES, CA 90058	251952 0.82 MI W			X			•															

SITE ASSESSMENT PLUS REPORT

DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

Address*:	OFFICE OF ADJUTANT GENERAL 5300 E BANDINI BLVD BELL, CA 90201	ID#:	6669333	Map ID
		Distance/Direction:	0.04 MI / E	1
		Plotted as:	Point	
County UST - County Underground Storage Tank / SRC# 142		Agency ID:	009525	

Agency Address:	*SAME AS ABOVE*
Facility ID #:	*009525*
Facility Name:	*OFFICE OF ADJUTANT GENERAL*
Facility Address:	*5300 E BANDINI BLVD* *BELL, CA* *90201*
Facility County:	*LOS ANGELES*
Total Underground Tanks:	*1*
Total Aboveground Tanks:	*NOT REPORTED*
Total Tanks Removed:	*0*
File ID #:	*009341*
Facility Status:	*PERMIT*
Permit #:	*00003565T*
Permit Status:	*TANK INTERIM PERMIT*
Permit Category:	*TANKS*
Permit Type:	*TANK OPERATING PERMIT*

Address*:	UNITED STATES GOVERNMENT 5300 BANDINI BELL, CA 90201	ID#:	3077495	Map ID
		Distance/Direction:	0.04 MI / E	1
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	

Agency Address:	*SAME AS ABOVE*
Facility Name:	*UNITED STATES GOVERNMENT*
Facility Address:	*5300 BANDINI* *BELL, CA* *90201*
Facility County:	*19000*
Total Underground Tanks:	*3*
Total Aboveground Tanks:	*NOT REPORTED*
Total Tanks Removed:	*0*
Tank ID #:	*T001U*
Tank Contents:	*UNKNOWN*
Tank Age:	*0*
Tank Capacity:	*0* *GALLONS*

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank Status:	*ACTIVE/IN SERVICE*
Leak Monitor:	*MONITOR PRESENT*
Piping Type:	*UNKNOWN*
Tank Material:	*UNKNOWN*
Tank ID #:	*T001U*
Tank Contents:	*UNKNOWN*
Tank Age:	*0*
Tank Capacity:	*0 GALLONS*
Tank Status:	*ACTIVE/IN SERVICE*
Leak Monitor:	*MONITOR PRESENT*
Piping Type:	*UNKNOWN*
Tank Material:	*UNKNOWN*
Tank ID #:	*T001U*
Tank Contents:	*UNKNOWN*
Tank Age:	*0*
Tank Capacity:	*0 GALLONS*
Tank Status:	*ACTIVE/IN SERVICE*
Leak Monitor:	*MONITOR PRESENT*
Piping Type:	*UNKNOWN*
Tank Material:	*UNKNOWN*

CORTESE / SRC# 53 — EPA/Agency ID: N/A

Agency Address:	*US GOVERNMENT 5300 BANDINI BELL CA 90040*
Agency ID:	*030992-08*
Facility Name:	*US GOVERNMENT*
Facility Address:	*5300 BANDINI*
Facility City:	*BELL*
Facility State:	*CA*
Facility Zip:	*90040*
Facility County:	*19*
Tracking Program:	*LEAKING TANK*
Site ID:	*030992-08*
Fields Not Reported by the Source Agency for this Site:	*Epa ID(1), Is Sites(1)*

STATE LUST - State Leaking Underground Storage Tank / SRC# 121 — EPA/Agency ID: N/A

Agency Address:	*US GOVERNMENT 5300 BANDINI BLVD BELL CA 90201*
Site Name:	*US GOVERNMENT*
Site Address:	*5300 BANDINI BLVD*
Site City:	*BELL*
Site State:	*CA*
Site Zip:	*90201*
MTBE Tested:	*ND*
MTBE Date:	*6/28/1999*

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Case ID #:	I-09341
Report Date:	1/22/1992
Reported By:	AGAHI, SIMIN
Local Agency ID #:	19000
Substance Leaked:	GASOLINE
Discovery Date:	9/25/1991
How was the Leak Discovered:	TANK CLOSURE
How was Leak Stopped:	CLOSE TANK
Source of Leak:	UNKNOWN
Cause of Leak:	UNKNOWN
Lead Agency:	LOCAL AGENCY LEAD
Case Type:	SOIL ONLY
Remediation Status:	POLLUTION CHARACTERIZATION
Status Date:	1/22/1992
	(CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED)
Date Preliminary Site Assessment Began:	1/22/1992
Date Pollution Characterization Began:	6/28/1999
Local Agency Name:	COUNTY OF LOS ANGELES
Local Agency ID #:	19000
Contact Person:	CARL SJOBERG
Title:	CHIEF
Department:	INDUST. WASTE PLAN CONTROL
Address:	P. O. BOX 1460
City State Zip:	ALHAMBRA, CA 91802-1460
Fields Not Reported by the Source Agency for this Site:	Substance Quantity (G)(1), How was the Leak Discovered(1), Date Leak was Stopped(1), Source of Leak(1), Cause of Leak(1), Remediation Status(1), Abatement Method(1), Funding(1)

STATE LUST - State Leaking Underground Storage Tank / SRC# 164 | EPA/Agency ID: | N/A

Agency Address:	US GOVERNMENT 5300 BANDINI BLVD BELL, CA 90201
Site Name:	US GOVERNMENT
Site Location:	5300 BANDINI BLVD BELL CA 90201-
Site County:	LOS ANGELES
Water Quality Control Board Region:	04
Case ID #:	I-09341
Media Affected:	SOIL ONLY
Lead Agency:	LOCAL AGENCY LEAD
Remediation Status:	POLLUTION CHARACTERIZATION
Substance Leaked:	GASOLINE

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

	CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED
How was Leak Discovered:	TANK CLOSURE
How was Leak Stopped:	CLOSE TANK
MTBE Tested:	MTBE DETECTED
Program Type:	LOCAL IMPLEMENTING AGENCY UST
Repsonsible Party:	UNITED STATES GOVERNMENT
Cause of Leak:	UNKNOWN
Source of Leak:	UNKNOWN
Longitude:	33.9973427
Latitude:	-118.1728774
Summary:	REMEDIAL TO BE WITHIN ONE YEAR PENDING AVAILABILITY OF FUNDS(2/94)
Date Preliminary Site Assessment Began:	1/22/92
Date Pollution Characterization Began:	6/28/99
Date Leak was Discovered:	9/25/91
MTBE Date:	6/28/99
Reported Date:	1/22/92
Fields Not Reported by the Source Agency for this Site:	Cross Street(1), Local Case ID #(1), Remediation Status(1), Abatement Method(1), Enforcement Type(1), Funding By(1), How was Leak Discovered(1), Substance Quantity Leaked (G)(1), Cause of Leak(1), Source of Leak(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Remediation Plan Submitted(1), Date Remedial Action Underway(1), Date Post Remedial Action Monitoring Beg(1), Date Case was Closed(1), Date of Enforcement Action(1), Date Leak was Stopped(1)

Address*:	**OMS #6** **5300 BANDINI BLVD** **BELL, CA 90201**	ID#: Distance/Direction: Plotted as:	6848292 0.04 MI / E Point	Map ID **1**
RCRA-LgGen - RCRA-Large Generator / SRC# 16		EPA ID:	CAD981368913	

Agency Address:	SAME AS ABOVE
EPA Handler ID:	CAD981368913
Handler Name:	OMS #6
Handler Address:	5300 BANDINI BLVD BELL CA 90201
Land Type:	NOT ON INDIAN LAND, OTHERWISE UNKNOWN
County:	LOS ANGELES
Latitude:	NOT REPORTED
Longitude:	NOT REPORTED
Mailing Address:	5300 BANDINI BLVD BELL CA 90201 -
Acknowledgement Generated:	19910331
State District:	3
Sequence No:	1
Receipt Date:	19960901
Source Description:	EPA INSPECTION

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Generator Regulatory Status:	RCRA REGULATED
Generator Indicator:	LARGE QUANTITY GENERATOR
Owner/Operator Indicator:	CURRENT OWNER
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	CALIFORNIA ARMY NATIONAL GUARD
Phone:	(415) 555-1212
Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Indicator:	CURRENT OPERATOR
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	NOT REQUIRED
Phone:	(415) 555-1212
Address:	NOT REQUIRED NOT REQUIRED ME 99999
Type of Information:	NOTIFICATION
Contact Name:	ENVIRONMENTAL MANAGER
Contact Title:	ENVIRO MANAGER
Contact Phone:	9169206505
Contact Address:	5300 BANDINI BLVD BELL CA 90201 -
Large Quantity Generator:	YES
Fields Not Reported by the Source Agency for this Site:	(2)

CERCLIS / SRC# 17	Agency ID:	0905336

Agency Address:	BELL ORGANIZATIONAL MAINTENANCE SHOP #6 5300 BANDINI BOULEVARD BELL CA 90201
EPA ID:	CAD981368913
Site ID:	0905336
EPA Region:	09
USGS Hydrologic Unit Code:	18070105
Ownership Type:	UNKNOWN
Federal Facility Indicator:	FEDERAL FACILITY
NPL Status:	NOT ON THE NPL
Hazardous Waste Docket Flag:	NOT ON THE HAZARDOUS WASTEDOCKET
Action:	DISCOVERY
Action Lead:	FEDERAL FACILITIES
Scheduled Completion Date:	JUNE 30, 1995
Actual Completion Date:	APRIL 11, 1995
Action:	PRELIMINARY ASSESSMENT
Action Qualifier:	HIGH
Action Lead:	FEDERAL FACILITIES
Scheduled Completion Date:	SEPTEMBER 30, 1997

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Actual Completion Date:	SEPTEMBER 30, 1997
Operable Unit ID:	00
Operable Unit Name:	SITEWIDE
Fields Not Reported by the Source Agency for this Site:	Financial Management System ID(1), Site Incident Category Description(1), Action Qualifier(1), Scheduled Start Date(2), Actual Start Date(2), Description(1), (1), (1), (1)

Address*:	**COMMAND PACKAGING** **5300 LINDBERGH LN** **BELL, CA 90201**	ID#: Distance/Direction: Plotted as:	3198254 0.10 MI / SE Point	Map ID **2**
RCRA-SmGen - RCRA-Small Generator / SRC# 15		EPA ID:	CAD983614934	

Agency Address:	SAME AS ABOVE
EPA Handler ID:	CAD983614934
Handler Name:	COMMAND PACKAGING
Handler Address:	5300 LINDBERGH LN BELL, CA 90201
Land Type:	PRIVATE
County:	LOS ANGELES
Latitude:	NOT REPORTED
Longitude:	NOT REPORTED
Mailing Address:	5300 LINDBERGH LN BELL, CA 90201 -
Acknowledgement Generated:	19920716
State District:	2
Sequence No:	1
Receipt Date:	19911216
Source Description:	NOTIFICATION
Generator Regulatory Status:	RCRA REGULATED
Generator Indicator:	SMALL QUANTITIY GENERATOR
Owner/Operator Indicator:	CURRENT OWNER
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	ALBERT HALIMI
Phone:	(213) 260-4800
Address:	5300 LINDBERGH LN BELL CA 90201 6415
SIC Sequence No:	0001
Primary SIC Indicator:	PRIMARY
SIC Code Source:	REPORTED BY FACILITY
SIC Code and Description:	2671 - MANUFACTURING - PAPERCOATED AND LAMINATED, PACKAG
Type of Information:	NOTIFICATION
Contact Name:	ALBERT HALIMI
Contact Title:	VICED PRES
Contact Phone:	2132604800

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Contact Address:	5300 LINDBERGH LN BELL, CA 90201 -
Small Quantity Generator:	YES
Fields Not Reported by the Source Agency for this Site:	(1)

Address*:	CITY OF VERNON #4 4530 BANDINI LOS ANGELES, CA 90058	ID#:	4019997	Map ID
		Distance/Direction:	0.11 MI / NW	3A
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	

Agency Address:	CITY OF VERNON #4 4530 BANDINI VERNON, CA 90058
Facility Name:	CITY OF VERNON #4
Facility Address:	4530 BANDINI VERNON, CA 90058
Facility County:	19039FIRE
Total Underground Tanks:	1
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	0
Tank ID #:	007U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	500 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL

Address*:	DE WITT TRANS STORAGE 4528 E BANDINI LOS ANGELES, CA 90023	ID#:	120743	Map ID
		Distance/Direction:	0.11 MI / NW	3A
		Plotted as:	Point	
RCRA-SmGen - RCRA-Small Generator / SRC# 15		EPA ID:	CAD982036378	

Agency Address:	DE WITT TRANS STORAGE 4528 E BANDINI LOS ANGELES, CA 90040
EPA Handler ID:	CAD982036378
Handler Name:	DE WITT TRANS STORAGE
Handler Address:	4528 E BANDINI LOS ANGELES, CA 90040
Land Type:	NOT ON INDIAN LAND, OTHERWISE UNKNOWN
County:	LOS ANGELES
Latitude:	NOT REPORTED
Longitude:	NOT REPORTED
Mailing Address:	4528 E BANDINI

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

	LOS ANGELES, CA 90040 -
Acknowledgement Generated:	19910331
State District:	3
Sequence No:	1
Receipt Date:	19960901
Source Description:	EPA INSPECTION
Generator Regulatory Status:	RCRA REGULATED
Generator Indicator:	SMALL QUANTITIY GENERATOR
Owner/Operator Indicator:	CURRENT OWNER
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	DE WITT MAIL
Phone:	(415) 555-1212
Address:	NOT REQUIRED
	NOT REQUIRED ME 99999
Owner/Operator Indicator:	CURRENT OPERATOR
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	NOT REQUIRED
Phone:	(415) 555-1212
Address:	NOT REQUIRED
	NOT REQUIRED ME 99999
Type of Information:	NOTIFICATION
Contact Name:	ENVIRONMENTAL MANAGER
Contact Title:	ENVIRO MANAGER
Contact Phone:	2132654335
Contact Address:	4528 E BANDINI
	LOS ANGELES, CA 90040 -
Small Quantity Generator:	YES
Fields Not Reported by the Source Agency for this Site:	(2)

STATE UST - State Underground Storage Tank / SRC# 45	EPA/Agency ID:	N/A

Agency Address:	DE WITT TRANSFER 4528 BANDINI VERNON, CA 90023
Facility Name:	DE WITT TRANSFER
Facility Address:	4528 BANDINI
	VERNON, CA 90023
Facility County:	19039ROSE
Total Underground Tanks:	3
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	3
Tank ID #:	T001U
Tank Contents:	UNLEADED GAS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank Age:	0
Tank Capacity:	1000 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	T001U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	550 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	T001U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	12000 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL

STATE LUST - State Leaking Underground Storage Tank / SRC# 121	EPA/Agency ID:	N/A

Agency Address:	DEWITT MAIL SERVICE 4528 BANDINI BLVD VERNON, CA 90023
Site Name:	DEWITT MAIL SERVICE
Site Address:	4528 BANDINI BLVD
Site City:	VERNON
Site State:	CA
Site Zip:	90023
MTBE Tested:	NT
Case ID #:	900230225
Report Date:	12/20/1990
Reported By:	POZZEBON, LEWIS
Local Agency ID #:	19039
Substance Leaked:	DIESEL
Discovery Date:	8/7/1990
How was the Leak Discovered	TANK CLOSURE
Date Leak was Stopped	8/7/1990
How was Leak Stopped:	CLOSE TANK
Source of Leak	PIPING
Cause of Leak	UNKNOWN
Lead Agency:	LOCAL AGENCY LEAD
Case Type:	SOIL ONLY

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Remediation Status	*CASE CLOSED*
	(CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED)
Date Remedial Action Underway:	*12/20/1990*
Date Case was Closed:	*1/1/2000*
Local Agency Name:	*CITY OF VERNON*
Local Agency ID #:	*19039*
Contact Person:	*NORMAN J. MICHIELS*
Title:	*HEALTH OFFICER*
Department:	*ENVIRONMENTAL HEALTH*
Address:	*4305 SANTA FE AVENUE*
City State Zip:	*VERNON, CA 90058*
Fields Not Reported by the Source Agency for this Site:	*MTBE Date(1), Substance Quantity (G)(1), How was the Leak Discovered(1), Cause of Leak(1), Remediation Status(1), Status Date(1), Abatement Method(1), Funding(1)*

STATE LUST - State Leaking Underground Storage Tank / SRC# 164	EPA/Agency ID:	N/A

Agency Address:	*DEWITT MAIL SERVICE* *4528 BANDINI BLVD* *VERNON, CA 90023*
Site Name:	*DEWITT MAIL SERVICE*
Site Location:	*4528 BANDINI BLVD* *VERNON CA 90023-*
Site County:	*LOS ANGELES*
Water Quality Control Board Region:	*04*
Case ID #:	*900230225*
Media Affected:	*SOIL ONLY*
Lead Agency:	*LOCAL AGENCY LEAD*
Remediation Status	*CASE CLOSED*
Substance Leaked:	*DIESEL*
	CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED
How was Leak Discovered	*TANK CLOSURE*
How was Leak Stopped:	*CLOSE TANK*
MTBE Tested:	*NOT REQUIRED TO BE TESTED*
Program Type:	*LOCAL IMPLEMENTING AGENCY UST*
Repsonsible Party:	*DEWITT TRANSFER STORAGE*
Cause of Leak	*UNKNOWN*
Source of Leak	*PIPING*
Longitude:	*33.9994147*
Latitude:	*-118.1789536*
Summary:	*SEE HARD COPY FOR STATUS 9*
Date Remedial Action Underway	*12/20/90*
Date Case was Closed	*1/1/00*

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Date Leak was Discovered:	*8/7/90*
Reported Date:	*12/20/90*
Date Leak was Stopped	*8/7/90*
Fields Not Reported by the Source Agency for this Site:	*Cross Street(1), Local Case ID #(1), Remediation Status(1), Abatement Method(1), Enforcement Type(1), Funding By(1), How was Leak Discovered(1), MTBE Tested(1), Substance Quantity Leaked (G)(1), Cause of Leak(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Preliminary Site Assessment Began(1), Date Pollution Characterization Began(1), Date Remediation Plan Submitted(1), Date Post Remedial Action Monitoring Beg(1), Date of Enforcement Action(1), MTBE Date(1)*

1ST Address*:	**GEN GEO S PATTON JR US ARMY** **5340 BANDINI** **BELL, CA 90201**	ID#: Distance/Direction: Plotted as:	321532 0.12 MI / E Point	Map ID **4**
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	

Agency Address:	*SAME AS ABOVE*
Facility Name:	*GEN GEO S PATTON JR US ARMY*
Facility Address:	*5340 BANDINI* *BELL CA* *90201*
Facility County:	*19000*
Total Underground Tanks:	*1*
Total Aboveground Tanks:	*NOT REPORTED*
Total Tanks Removed:	*0*
Tank ID #:	*T001U*
Tank Contents:	*EMPTY*
Tank Age:	*0*
Tank Capacity:	*600* *GALLONS*
Tank Status:	*ACTIVE/IN SERVICE*
Leak Monitor:	*MONITOR PRESENT*
Piping Type:	*UNKNOWN*
Tank Material:	*UNKNOWN*

STATE LUST - State Leaking Underground Storage Tank / SRC# 121	EPA/Agency ID:	N/A

Agency Address:	*PATTON U.S. ARMY RESERVE CTR* *5340 BANDINI BLVD* *BELL CA 90201*
Site Name:	*PATTON U.S. ARMY RESERVE CTR*
Site Address:	*5340 BANDINI BLVD*
Site City:	*BELL*
Site State:	*CA*
Site Zip:	*90201*
MTBE Tested:	*NT*
Case ID #:	*I-16836*
Report Date:	*4/27/1993*
Reported By:	*IYER, RANI V.*
Local Agency ID #:	*19000*
Substance Leaked:	*DIESEL*
Discovery Date:	*12/9/1992*
How was the Leak Discovered	*TANK CLOSURE*

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

How was Leak Stopped:	OTHER MEANS
Source of Leak	UNKNOWN
Cause of Leak	UNKNOWN
Lead Agency:	REGIONAL BOARD LEAD
Case Type:	SOIL ONLY
Remediation Status	CASE CLOSED
Status Date	11/4/1996
	(CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED)
Date Case was Closed:	11/4/1996
Local Agency Name:	COUNTY OF LOS ANGELES
Local Agency ID #:	19000
Contact Person:	CARL SJOBERG
Title:	CHIEF
Department:	INDUST. WASTE PLAN CONTROL
Address:	P. O. BOX 1460
City State Zip:	ALHAMBRA, CA 91802-1460
Fields Not Reported by the Source Agency for this Site:	MTBE Date(1), Substance Quantity (G)(1), How was the Leak Discovered(1), Date Leak was Stopped(1), How was Leak Stopped(1), Source of Leak(1), Cause of Leak(1), Remediation Status(1), Abatement Method(1), Funding(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Preliminary Site Assessment Began(1), Date Pollution Characterization Began(1), Date Remediation Plan Submitted(1), Date Remedial Action Underway(1), Date Post Remedial Action Monitoring Beg(1), Enforcement Type(1), Enforcement Date(1)

County UST - County Underground Storage Tank / SRC# 142 | Agency ID: 015542

Agency Address:	PATTON US ARMY RESERVE CENTER 5340 E BANDINI BLVD BELL, CA 90201
Facility ID #:	015542
Facility Name:	PATTON US ARMY RESERVE CENTER
Facility Address:	5340 E BANDINI BLVD BELL, CA 902016499
Facility County:	LOS ANGELES
Total Underground Tanks:	1
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	1
File ID #:	016836
Facility Status:	REMOVED
Permit #:	0000T6317
Permit Status:	CLOSURE BY REMOVAL
Permit Category:	TANKS
Permit Type:	TANK OPERATING PERMIT

STATE LUST - State Leaking Underground Storage Tank / SRC# 164 | EPA/Agency ID: N/A

Agency Address:	PATTON U.S. ARMY RESERVE CTR 5340 BANDINI BLVD BELL, CA 90201
Site Name:	PATTON U.S. ARMY RESERVE CTR

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Site Location:	5340 BANDINI BLVD BELL CA 90201-
Site County:	LOS ANGELES
Water Quality Control Board Region:	04
Case ID #:	I-16836
Media Affected:	SOIL ONLY
Lead Agency:	REGIONAL BOARD LEAD
Remediation Status	CASE CLOSED
Substance Leaked:	DIESEL CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED
How was Leak Discovered	TANK CLOSURE
How was Leak Stopped:	OTHER MEANS
MTBE Tested	NOT REQUIRED TO BE TESTED
Program Type:	RB LEAD UNDERGROUND STORAGETANK
Repsonsible Party:	AFRD-ACA-EN, DEPT OF ARMY
Cause of Leak	UNKNOWN
Source of Leak	UNKNOWN
Longitude:	33.9972597
Latitude:	-118.1726134
Date Case was Closed	11/4/96
Date Leak was Discovered:	12/9/92
Reported Date:	4/27/93
Fields Not Reported by the Source Agency for this Site:	Cross Street(1), Local Case ID #(1), Remediation Status(1), Abatement Method(1), Enforcement Type(1), Funding By(1), How was Leak Discovered(1), How was Leak Stopped(1), MTBE Tested(1), Substance Quantity Leaked (G)(1), Cause of Leak(1), Source of Leak(1), Summary(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Preliminary Site Assessment Began(1), Date Pollution Characterization Began(1), Date Remediation Plan Submitted(1), Date Remedial Action Underway(1), Date Post Remedial Action Monitoring Beg(1), Date of Enforcement Action(1), MTBE Date(1), Date Leak was Stopped(1)

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

Address*:	**WATKINS MOTOR LINES INC** **4500 BANDINI BLVD** **LOS ANGELES, CA 90040**	ID#: Distance/Direction: Plotted as:	4019996 0.13 MI / NW Point	Map ID **3B**
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	

Agency Address:	WATKINS MOTOR LINES 4500 BANDINI VERNON, CA 90058
Facility Name:	WATKINS MOTOR LINES
Facility Address:	4500 BANDINI VERNON, CA 90058
Facility County:	19039JAMES

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Total Underground Tanks:	11
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	7
Tank ID #:	007U
Tank Contents:	OIL(NOT SPECIFIED)
Tank Age:	0
Tank Capacity:	1000 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	007U
Tank Contents:	OIL(NOT SPECIFIED)
Tank Age:	0
Tank Capacity:	1000 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	007U
Tank Contents:	OIL(NOT SPECIFIED)
Tank Age:	0
Tank Capacity:	500 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	007U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	10000 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	007U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	10000 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Tank ID #:	007U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	12000 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	007U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	12000 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	007U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	50000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	007U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	50000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	007U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	50000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL
Tank ID #:	007U
Tank Contents:	DIESEL
Tank Age:	0

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Tank Capacity:	50000 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	BARE STEEL
Tank Material:	BARE STEEL

CORTESE / SRC# 53	EPA/Agency ID:	N/A

Agency Address:	WATKINS MOTOR LINES INC. 4500 BANDINI VERNON, CA 90040
Agency ID:	052493-07
Facility Name:	WATKINS MOTOR LINES INC.
Facility Address:	4500 BANDINI
Facility City:	VERNON
Facility State:	CA
Facility Zip:	90040
Facility County:	19
Tracking Program:	LEAKING TANK
Site ID:	052493-07
Fields Not Reported by the Source Agency for this Site:	Epa ID(1), Is Sites(1)

STATE LUST - State Leaking Underground Storage Tank / SRC# 121	EPA/Agency ID:	N/A

Agency Address:	WATKINS MOTOR LINES, INC. 4500 BANDINI BLVD VERNON, CA 90040
Site Name:	WATKINS MOTOR LINES, INC.
Site Address:	4500 BANDINI BLVD
Site City:	VERNON
Site State:	CA
Site Zip:	90040
MTBE Tested:	NT
Case ID #:	900400134
Report Date:	3/3/1993
Reported By:	BLACK, SUE
Local Agency ID #:	19039
Substance Leaked:	GASOLINE
Discovery Date:	4/4/1993
How was the Leak Discovered	TANK CLOSURE
How was Leak Stopped	OTHER MEANS
Source of Leak	OTHER
Cause of Leak	OVERFILL
Lead Agency:	LOCAL AGENCY LEAD
Case Type:	SOIL ONLY
Remediation Status	REMEDIAL ACTION UNDERWAY
Status Date	3/3/1993
Abatement Method	ET

	(CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED)
Date Remedial Action Underway	3/3/1993
Local Agency Name:	CITY OF VERNON
Local Agency ID #:	19039
Contact Person:	NORMAN J. MICHIELS
Title:	HEALTH OFFICER
Department:	ENVIRONMENTAL HEALTH
Address:	4305 SANTA FE AVENUE
City State Zip:	VERNON, CA 90058
Fields Not Reported by the Source Agency for this Site:	MTBE Date(1), Substance Quantity (G)(1), How was the Leak Discovered(1), Date Leak was Stopped(1), How was Leak Stopped(1), Cause of Leak(1), Remediation Status(1), Funding(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Preliminary Site Assessment Began(1), Date Pollution Characterization Began(1), Date Remediation Plan Submitted(1), Date Post Remedial Action Monitoring Beg(1), Date Case was Closed(1), Enforcement Type(1), Enforcement Date(1)

STATE LUST - State Leaking Underground Storage Tank / SRC# 164	EPA/Agency ID:	N/A

Agency Address:	WATKINS MOTOR LINES, INC. 4500 BANDINI BLVD VERNON, CA 90040
Site Name:	WATKINS MOTOR LINES, INC.
Site Location:	4500 BANDINI BLVD VERNON CA 90040-
Site County:	LOS ANGELES
Water Quality Control Board Region:	04
Case ID #:	900400134
Media Affected:	SOIL ONLY
Lead Agency:	LOCAL AGENCY LEAD
Remediation Status	REMEDIAL ACTION UNDERWAY
Substance Leaked:	GASOLINE
Abatement Method	ET
	CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED
How was Leak Discovered	TANK CLOSURE
How was Leak Stopped	OTHER MEANS
MTBE Tested	SITE NOT TESTED FOR MTBE
Program Type:	LOCAL IMPLEMENTING AGENCY UST
Repsonsible Party:	WATKINS MOTOR LINES, INC.
Cause of Leak	OVERFILL
Source of Leak	OTHER
Longitude:	33.9997007
Latitude:	-118.1795276
Date Remedial Action Underway	3/3/93

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Date Leak was Discovered:	*4/4/93*
Reported Date:	*3/3/93*
Fields Not Reported by the Source Agency for this Site:	*Cross Street(1), Local Case ID #(1), Remediation Status(1), Enforcement Type(1), Funding By(1), How was Leak Discovered(1), How was Leak Stopped(1), MTBE Tested(1), Substance Quantity Leaked (G)(1), Cause of Leak(1), Summary(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Preliminary Site Assessment Began(1), Date Pollution Characterization Began(1), Date Remediation Plan Submitted(1), Date Post Remedial Action Monitoring Beg(1), Date Case was Closed(1), Date of Enforcement Action(1), MTBE Date(1), Date Leak was Stopped(1)*

Address*:	**FORTIFIBER CORPORATION** **4489 BANDINI BLVD** **LOS ANGELES, CA 90023**	ID#:	1191640	Map ID
		Distance/Direction:	0.16 MI / NW	**3C**
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	

Agency Address:	*FORTIFIBER CORP* *4489 BANDINI* *VERNON, CA 90023*
Facility Name:	*FORTIFIBER CORP*
Facility Address:	*4489 BANDINI* *VERNON, CA* *90023*
Facility County:	*19039BRUCE*
Total Underground Tanks:	*1*
Total Aboveground Tanks:	*NOT REPORTED*
Total Tanks Removed:	*1*
Tank ID #:	*T001U*
Tank Contents:	*LEADED GAS*
Tank Age:	*0*
Tank Capacity:	*12000* *GALLONS*
Tank Status:	*CLOSED REMOVED*
Leak Monitor:	*MONITOR PRESENT*
Piping Type:	*BARE STEEL*
Tank Material:	*BARE STEEL*

Address*:	**PFIZER, INC** **2800 AYERS** **LOS ANGELES, CA 90023**	ID#:	3192290	Map ID
		Distance/Direction:	0.17 MI / NW	**3C**
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	

Agency Address:	*PFIZER, INC* *2800 AYERS* *VERNON, CA 90023*
Facility Name:	*PFIZER, INC*
Facility Address:	*2800 AYERS* *VERNON, CA* *90023*
Facility County:	*19039*
Total Underground Tanks:	*1*
Total Aboveground Tanks:	*NOT REPORTED*
Total Tanks Removed:	*1*
Tank ID #:	*T001U*

Tank Contents:	UNLEADED GAS
Tank Age:	0
Tank Capacity:	1000 GALLONS
Tank Status:	CLOSED REMOVED
Leak Monitor:	MONITOR PRESENT
Piping Type:	UNKNOWN
Tank Material:	BARE STEEL

Address*:	RANDALL FOODS INC 2900 AYERS AVE LOS ANGELES, CA 90023	ID#: Distance/Direction: Plotted as:	1600660 0.17 MI / W Point	Map ID 5
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	

Agency Address:	GALLETTI BROS. FOODS 2900 AYERS VERNON, CA 90023
Facility Name:	GALLETTI BROS. FOODS
Facility Address:	2900 AYERS VERNON, CA 90023
Facility County:	19039TOM D
Total Underground Tanks:	2
Total Aboveground Tanks:	NOT REPORTED
Total Tanks Removed:	0

Tank ID #:	T001U
Tank Contents:	UNLEADED GAS
Tank Age:	0
Tank Capacity:	2011 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	FIBERGLASS
Tank Material:	BARE STEEL

Tank ID #:	T001U
Tank Contents:	DIESEL
Tank Age:	0
Tank Capacity:	7198 GALLONS
Tank Status:	ACTIVE/IN SERVICE
Leak Monitor:	MONITOR PRESENT
Piping Type:	FIBERGLASS
Tank Material:	BARE STEEL

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Address*:	TENANT- ALLWAYS EXPRESS CO 4730 E 26TH LOS ANGELES, CA 90058	ID#:	1245880	Map ID
		Distance/Direction:	0.19 MI / NE	6
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	

Agency Address:	*TENANT- ALLWAYS EXPRESS CO 4730 E 26TH VERNON, CA 90058*
Facility Name:	*TENANT- ALLWAYS EXPRESS CO*
Facility Address:	*4730 E 26TH VERNON, CA 90058*
Facility County:	*19039*
Total Underground Tanks:	*1*
Total Aboveground Tanks:	*NOT REPORTED*
Total Tanks Removed:	*1*
Tank ID #:	*T001U*
Tank Contents:	*DIESEL*
Tank Age:	*0*
Tank Capacity:	*10000 GALLONS*
Tank Status:	*CLOSED REMOVED*
Leak Monitor:	*MONITOR PRESENT*
Piping Type:	*UNKNOWN*
Tank Material:	*UNKNOWN*

Address*:	AGRASHELL, INC. 4560 E 26TH LOS ANGELES, CA 90040	ID#:	8007	Map ID
		Distance/Direction:	0.21 MI / N	7
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 45		EPA/Agency ID:	N/A	

Agency Address:	*AGRASHELL, INC. 4560 E 26TH VERNON, CA 90040*
Facility Name:	*AGRASHELL, INC.*
Facility Address:	*4560 E 26TH VERNON, CA 90040*
Facility County:	*19039G.D.*
Total Underground Tanks:	*1*
Total Aboveground Tanks:	*NOT REPORTED*
Total Tanks Removed:	*1*
Tank ID #:	*T001U*
Tank Contents:	*LEADED GAS*
Tank Age:	*0*
Tank Capacity:	*1000 GALLONS*
Tank Status:	*CLOSED REMOVED*
Leak Monitor:	*MONITOR PRESENT*
Piping Type:	*UNKNOWN*
Tank Material:	*BARE STEEL*

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

Address*:	KOP COAT INC 5431 DISTRICT BLVD LOS ANGELES, CA 90040	ID#:	231992	Map ID
		Distance/Direction:	0.39 MI / S	8
		Plotted as:	Point	

CORTESE / SRC# 53		EPA/Agency ID:	N/A
Agency Address:	KOPPERS COMPANY INC 5431 DISTRICT VERNON, CA 90040		
Agency ID:	900400070		
Facility Name:	KOPPERS COMPANY INC		
Facility Address:	5431 DISTRICT		
Facility City:	VERNON		
Facility State:	CA		
Facility Zip:	90040		
Facility County:	19		
Tracking Program:	LEAKING TANK		
Site ID:	900400070		
Fields Not Reported by the Source Agency for this Site:	Epa ID(1), Is Sites(1)		

State Spills / SRC# 107		EPA/Agency ID:	N/A
Agency Address:	KOPPERS COMPANY 5431 DISTRICT BOULEVARD VERNON, CA 90040		
Site Name:	KOPPERS COMPANY		
Site Address:	5431 DISTRICT BOULEVARD VERNON, CA 90040		
SLIC ID #:	0677		
Spilled Material(s):	VOCS UNKNOWN		
Air Release:	NOT REPORTED		
Facility Release:	NOT REPORTED		
Ground Release:	NOT REPORTED		
Land Release:	NOT REPORTED		
Water Release:	NOT REPORTED		
Other Release:	NOT REPORTED		
Source Agency:	NOT REPORTED		
Spill Date:	NOT REPORTED		
Fields Not Reported by the Source Agency for this Site:	Status(1)		

STATE LUST - State Leaking Underground Storage Tank / SRC# 121		EPA/Agency ID:	N/A
Agency Address:	KOPPERS COMPANY 5431 DISTRICT BLVD VERNON, CA 90040		
Site Name:	KOPPERS COMPANY		
Site Address:	5431 DISTRICT BLVD		
Site City:	VERNON		
Site State:	CA		
Site Zip:	90040		

MTBE Tested:	NT
Case ID #:	900400070
Report Date:	2/25/1985
Reported By:	LACDPW
Local Agency ID #:	19039
Substance Leaked:	SOLVENTS
Source of Leak	UNKNOWN
Cause of Leak	UNKNOWN
Lead Agency:	LOCAL AGENCY LEAD
Case Type:	OTHER GROUNDWATER
Remediation Status	REMEDIAL ACTION UNDERWAY
Status Date	1/27/1998
Abatement Method	VE (CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED)
Date Remediation Plan Submitted	4/18/1988
Date Remedial Action Underway	1/27/1998
Local Agency Name:	CITY OF VERNON
Local Agency ID #:	19039
Contact Person:	NORMAN J. MICHIELS
Title:	HEALTH OFFICER
Department:	ENVIRONMENTAL HEALTH
Address:	4305 SANTA FE AVENUE
City State Zip:	VERNON, CA 90058
Fields Not Reported by the Source Agency for this Site:	MTBE Date(1), Responsible Party(1), Responsible Party Contact(1), Responsible Party Address/City/State(1), Operator(1), Site Phone #(1), Substance Quantity (G)(1), Discovery Date(1), How was the Leak Discovered(1), Date Leak was Stopped(1), How was Leak Stopped(1), Source of Leak(1), Cause of Leak(1), Case Type(1), Remediation Status(1), Funding(1)

STATE LUST - State Leaking Underground Storage Tank / SRC# 164	EPA/Agency ID:	N/A

Agency Address:	KOPPERS COMPANY 5431 DISTRICT BLVD VERNON, CA 90040
Site Name:	KOPPERS COMPANY
Site Location:	5431 DISTRICT BLVD VERNON CA 90040-
Site County:	LOS ANGELES
Water Quality Control Board Region:	04
Case ID #:	900400070
Media Affected:	OTHER GROUNDWATER
Lead Agency:	LOCAL AGENCY LEAD
Remediation Status	REMEDIAL ACTION UNDERWAY
Substance Leaked:	SOLVENTS
Abatement Method	VE

	CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED
MTBE Tested	NOT REQUIRED TO BE TESTED
Program Type:	LOCAL IMPLEMENTING AGENCY UST
Repsonsible Party:	BLANK RP
Cause of Leak	UNKNOWN
Source of Leak	UNKNOWN
Longitude:	33.9927789
Latitude:	-118.1799735
Summary	*UNDER REVIEW BY BOARD STAFF. ; SOLVENT CASE PER EH 12/20/96 : REFER TO SLIC #677;THIS IS UNDER CITY OF VERNON ENVIRON. HEALTH DEPT 'S OVERSIGHT.
Date Remediation Plan Submitted	4/18/88
Date Remedial Action Underway	1/27/98
Reported Date:	2/25/85
Fields Not Reported by the Source Agency for this Site:	Cross Street(1), Local Case ID #(1), Media Affected(1), Remediation Status(1), Enforcement Type(1), Funding By(1), How was Leak Discovered(1), How was Leak Stopped(1), MTBE Tested(1), Substance Quantity Leaked (G)(1), Cause of Leak(1), Source of Leak(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Preliminary Site Assessment Began(1), Date Pollution Characterization Began(1), Date Post Remedial Action Monitoring Beg(1), Date Case was Closed(1), Date Leak was Discovered(1), Date of Enforcement Action(1), MTBE Date(1), Date Leak was Stopped(1)

Address*:	**CITY OF COMMERCE REFUSE** **2535 SHEILA ST** **LOS ANGELES, CA 90040**	ID#: Distance/Direction: Plotted as:	1194608 0.39 MI / N Point	Map ID **9**
STATE LUST - State Leaking Underground Storage Tank / SRC# 121		EPA/Agency ID:	N/A	

Agency Address:	CITY OF COMMERCE REFUSE 2535 SHEILA ST COMMERCE, CA 90040
Site Name:	CITY OF COMMERCE REFUSE
Site Address:	2535 SHEILA ST
Site City:	COMMERCE
Site State:	CA
Site Zip:	90040
MTBE Tested:	NT
Case ID #:	000298
Report Date:	2/21/1990
Reported By:	TIDEMANSON, T. A.
Local Agency ID #:	19000
Substance Leaked:	DIESEL
Lead Agency:	LOCAL AGENCY LEAD
Case Type	SOIL ONLY
Remediation Status	CASE CLOSED

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

	(CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED)
Date Case was Closed	11/27/1991
Local Agency Name:	COUNTY OF LOS ANGELES
Local Agency ID #:	19000
Contact Person:	CARL SJOBERG
Title:	CHIEF
Department:	INDUST. WASTE PLAN CONTROL
Address:	P. O. BOX 1460
City State Zip:	ALHAMBRA, CA 91802-1460
Fields Not Reported by the Source Agency for this Site:	Cross Street(1), MTBE Date(1), Substance Quantity (G)(1), Discovery Date(1), How was the Leak Discovered(1), Date Leak was Stopped(1), How was Leak Stopped(1), Source of Leak(1), Cause of Leak(1), Remediation Status(1), Status Date(1), Abatement Method(1), Funding(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Preliminary Site Assessment Began(1), Date Pollution Characterization Began(1), Date Remediation Plan Submitted(1), Date Remedial Action Underway(1), Date Post Remedial Action Monitoring Beg(1), Enforcement Type(1), Enforcement Date(1)

STATE LUST - State Leaking Underground Storage Tank / SRC# 164	EPA/Agency ID:	N/A

Agency Address:	CITY OF COMMERCE REFUSE 2535 SHEILA ST COMMERCE, CA 90040
Site Name:	CITY OF COMMERCE REFUSE
Site Location:	2535 SHEILA ST COMMERCE CA 90040-
Site County:	LOS ANGELES
Water Quality Control Board Region:	04
Case ID #:	000298
Media Affected	SOIL ONLY
Lead Agency:	LOCAL AGENCY LEAD
Remediation Status	CASE CLOSED
Substance Leaked:	DIESEL
	CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED
MTBE Tested	NOT REQUIRED TO BE TESTED
Program Type:	LOCAL IMPLEMENTING AGENCY UST
Repsonsible Party:	CITY OF COMMERCE
Longitude:	33.9958305
Latitude:	-118.1498566
Date Case was Closed	11/27/91
Reported Date:	2/21/90
Fields Not Reported by the Source Agency for this Site:	Cross Street(1), Local Case ID #(1), Remediation Status(1), Abatement Method(1), Enforcement Type(1), Funding By(1), How was Leak Discovered(1), How was Leak Stopped(1), MTBE Tested(1), Substance Quantity Leaked (G)(1), Cause of Leak(1), Source of Leak(1), Summary(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Preliminary Site Assessment Began(1)

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Address*:	CERTIFIED COATINGS PROD CO 2414 S CONNER AVE LOS ANGELES, CA 90040	ID#:	1194798	Map ID
		Distance/Direction:	0.43 MI / N	10
		Plotted as:	Point	

CORTESE / SRC# 53	EPA/Agency ID:	N/A

Agency Address:	CERTIFIED COATINGS PRODUC 2414 CONNER COMMERCE, CA 90040
Agency ID:	042590-14
Facility Name:	CERTIFIED COATINGS PRODUC
Facility Address:	2414 CONNER
Facility City:	COMMERCE
Facility State:	CA
Facility Zip:	90040
Facility County:	19
Tracking Program:	LEAKING TANK
Site ID:	042590-14
Fields Not Reported by the Source Agency for this Site:	Epa ID(1), Is Sites(1)

STATE LUST - State Leaking Underground Storage Tank / SRC# 121	EPA/Agency ID:	N/A

Agency Address:	CERTIFIED COATINGS PRODUCTS 2414 CONNOR AVE S COMMERCE, CA 90040
Site Name:	CERTIFIED COATINGS PRODUCTS
Site Address:	2414 CONNOR AVE S
Site City:	COMMERCE
Site State:	CA
Site Zip:	90040
MTBE Tested:	NT
Case ID #:	I-14795
Report Date:	2/28/1990
Reported By:	AMOAH, OFORI
Local Agency ID #:	19000
Substance Leaked:	ACETONE ETC.
Discovery Date	2/8/1990
How was the Leak Discovered	OTHER MEANS
How was Leak Stopped	REMOVE CONTENTS
Source of Leak	TANK
Lead Agency:	LOCAL AGENCY LEAD
Case Type	SOIL ONLY
Remediation Status	CASE CLOSED
Status Date	6/27/1991
	(CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED)
Date Preliminary Site Assessment Began	2/28/1990
Date Case was Closed	6/27/1991

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Local Agency Name:	COUNTY OF LOS ANGELES
Local Agency ID #:	19000
Contact Person:	CARL SJOBERG
Title:	CHIEF
Department:	INDUST. WASTE PLAN CONTROL
Address:	P. O. BOX 1460
City State Zip:	ALHAMBRA, CA 91802-1460
Fields Not Reported by the Source Agency for this Site:	Cross Street(1), MTBE Date(1), Operator(1), Substance Quantity (G)(1), How was the Leak Discovered(1), Date Leak was Stopped(1), How was Leak Stopped(1), Cause of Leak(1), Remediation Status(1), Abatement Method(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Pollution Characterization Began(1), Date Remediation Plan Submitted(1), Date Remedial Action Underway(1), Date Post Remedial Action Monitoring Beg(1), Enforcement Type(1), Enforcement Date(1)

STATE LUST - State Leaking Underground Storage Tank / SRC# 164 | EPA/Agency ID: N/A

Agency Address:	CERTIFIED COATINGS PRODUCTS 2414 CONNOR AVE S COMMERCE, CA 90040
Site Name:	CERTIFIED COATINGS PRODUCTS
Site Location:	2414 CONNOR AVE S COMMERCE CA 90040-
Site County:	LOS ANGELES
Water Quality Control Board Region:	04
Case ID #:	I-14795
Media Affected	SOIL ONLY
Lead Agency:	LOCAL AGENCY LEAD
Remediation Status	CASE CLOSED
Substance Leaked:	ACETONE ETC. CODE LOOKUP: CD-CAP SITE/CB-CONTAINMENT BARRIER/ED-EXCAVATE AND DISPOSE/ET-EXCAVATEAND TREAT/FP-REMOVE FREE PRODUCT/GT-PUMP AND TREATGW/RS-REPLACE SUPPLY/HU-TREATMENTAT HOOKUP/VS-VENT SOIL/VE-VACUUM EXTRACT/AS-AIR SPARGING/IT-ENHANCED BIODEGRADATION/OT-OTHER/NT-NO ACTION TAKEN/UK-UNKNOWN/NA-NO ACTION REQUIRED
Funding By	STATE FUNDS
How was Leak Discovered	OTHER MEANS
How was Leak Stopped	REMOVE CONTENTS
MTBE Tested	NOT REQUIRED TO BE TESTED
Program Type:	LOCAL IMPLEMENTING AGENCY UST
Repsonsible Party:	CERTIFIED COATING PRODUCTS
Source of Leak	TANK
Longitude:	34.0051234
Latitude:	-118.1743525
Summary	OLD CASE #042590-14
Date Preliminary Site Assessment Began	2/28/90
Date Case was Closed	6/27/91
Date Leak was Discovered	2/8/90
Reported Date:	2/28/90

Fields Not Reported by the Source Agency for this Site:	*Cross Street(1), Local Case ID #(1), Remediation Status(1), Abatement Method(1), Enforcement Type(1), How was Leak Discovered(1), How was Leak Stopped(1), MTBE Tested(1), Substance Quantity Leaked (G)(1), Cause of Leak(1), Date Leak was Confirmed(1), Date Preliminary Site Assessment Workpla(1), Date Pollution Characterization Began(1), Date Remediation Plan Submitted(1), Date Remedial Action Underway(1), Date Post Remedial Action Monitoring Beg(1), Date of Enforcement Action(1), MTBE Date(1), Date Leak was Stopped(1)*

Address*:	**FLUOR CORP** **2500 S ATLANTIC AVE** **LOS ANGELES, CA 90040**	ID#: Distance/Direction: Plotted as:	1582680 0.46 MI / NE Point	Map ID **11**
STATE SWLF - Solid Waste Landfill / SRC# 163		Agency ID:	19-AA-5375	

Agency Address:	*FLUOR CORP* *2500 S ATLANTIC AVE* *COMMERCE, CA 0*
SWIS No:	*19-AA-5375*
Site Name:	*FLUOR CORP*
Site Address:	*2500 S ATLANTIC AVE*
Site City:	*COMMERCE*
Site State:	*CA*
Site County:	*LOS ANGELES*
Owner Name:	*JOSE P. SANCHEZ CARLA V. SANCHEZ*
Owner Address:	*45935 VIA ESPERRANZA* *TEMECULA, CA* *92590*
Unit No:	*01*
Category:	*DISPOSAL*
Activity:	*SOLID WASTE DISPOSAL SITE*
Regulatory Status:	*TO BE DETERMINED*
Operational Status:	*CLOSED*
Inspection Frequency:	*QUARTERLY*
Throughput:	*0*
Capacity:	*0*
Acreage:	*0*
Disposal Acreage:	*0*
Remaining Capacity:	*0*
Last Tire Inspection Count:	*0*
Last Tire Inspection Count Date:	*0*
SWIS No:	*19-AA-5375*
Latitude:	*34*
Longitude:	*-118.15*
Facility Life:	*NOT REPORTED*
Fields Not Reported by the Source Agency for this Site:	*Owner Phone(1), Waste Type(s)(1), Closure Date(1), Closure Type(1), Original Tire Count(1), Original Tire Count Date(1), Surrounding Land Use(1), Operator Name(1), Operator Phone(1), Operator Address(1), Permit Date(1), Permit Status(1)*

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

Address*:	FLOUR CORPORATION-COMMERCE 2500 SOUTH ATLANTIC BOULVARD LOS ANGELES, CA 90040	ID#:	4824051	Map ID
		Distance/Direction:	0.47 MI / NE	11
		Plotted as:	Point	
WMUDS / SRC# 68		EPA/Agency ID:	N/A	

Agency Address:	*FLOUR CORPORATION-COMMERCE 2500 SOUTH ATLANTIC BOULVARD COMMERCE, CA 0*
Agency ID:	*4 190271NUR*
Facility Name:	*FLOUR CORPORATION-COMMERCE*
Facility Address:	*2500 SOUTH ATLANTIC BOULVARD*
Facility City:	*COMMERCE*
Facility State:	*CA*
Facility County:	*LOS ANGELES*
Facility Type:	*NOT REPORTED*
Waste Discharger System Flag:	*F*
Chapter 15 Facility Flag:	*F*
Solid Waste Assessment Flag:	*T*
Toxic Pits Flag:	*F*
RCRA Flag:	*F*
Open To Public:	*F*
Number of Waste Management Units:	*1*
Threat To Water:	*NOT REPORTED*
Complexity:	*NOT REPORTED*
Facility Status:	*NOT REPORTED*
Waste 1 Nature:	*"NOT REPORTED"*
Waste 1 Type:	*"NOT REPORTED"*
Waste 2 Nature:	*"NOT REPORTED"*
Waste 2 Type:	*"NOT REPORTED"*
Enforcements:	*N*
Violations:	*N*
Fields Not Reported by the Source Agency for this Site:	*Epa ID(1), Facility Zip(1), Swis ID(1), Department of Defense Flag(1), Rank(1)*

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

Address*:	VAN WATERS ROGERS COMMERCE 5353 JILLSON ST LOS ANGELES, CA 90040	ID#:	64736923	Map ID
		Distance/Direction:	0.75 MI / E	12
		Plotted as:	Point	
RCRA-TSD CORRACTS / SRC# 556		EPA ID:	CAD020745246	

Agency Address:	*VAN WATERS ROGERS COMMERCE 5353 JILLSON ST COMMERCE, CA 90040*
EPA Handler ID:	*CAD020745246*
Handler Name:	*VAN WATERS ROGERS COMMERCE*
Handler Address:	*5353 JILLSON ST*

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

	COMMERCE, CA 90040
Land Type:	PRIVATE
County:	LOS ANGELES
Latitude:	3400096
Longitude:	11809463
Mailing Address:	PO BOX 80019 CITY OF COMMERCE, CA 90040 -2115
Acknowledgement Generated:	19910331
State District:	3
Sequence No:	1
Receipt Date:	19960901
Source Description:	EPA INSPECTION
Generator Regulatory Status:	RCRA REGULATED
Transporter Indicator:	HANDLER TRANSPORTS WASTES, BUT COMMERCIAL STATUS IS UNKNOWN.
Transporter Regulatory Status:	RCRA REGULATED
Road Transportation Indicator:	TRANSPORTS BY ROAD
Generator Indicator:	SMALL QUANTITIY GENERATOR
Owner/Operator Indicator:	CURRENT OWNER
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	VAN WATERS ROGERS
Phone:	(206) 889-3400
Address:	PO BOX 34325 SEATTLE WA 98124
Owner/Operator Indicator:	CURRENT OPERATOR
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	FOREMOST MCKESSON
Phone:	(415) 983-7505
Address:	1600 NORTON BUILDING SEATTLE WA 98104
Env. Priority Rank Date:	19920827
Env. Priority Rank Status:	3
Type of Information:	NOTIFICATION
Contact Name:	NICK GARDNER
Contact Title:	ENVIRO MANAGER
Contact Phone:	2138817158
Contact Address:	5353 JILLSON ST COMMERCE, CA 90040 -2115
Permit Workload:	YES
Transporter:	YES
Subject to Inspection:	YES
Subject to Corrective Action:	YES

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Corrective Action Workload:	YES
Small Quantity Generator:	YES
Permit Progress:	YES
Storage:	YES
Area Sequence No:	1
Area Name:	ENTIRE FACILITY
Facility Wide:	YES
Regulated Unit:	NOT REPORTED
Area Sequence No:	2
Area Name:	PROPERTY AT 5353 JULLSON STREET
Facility Wide:	NO
Regulated Unit:	NOT REPORTED
Responsible Agency:	EPA
Authority Type:	OPERATING PERMIT
CA Event Sequence No:	1
Responsible Agency:	EPA
Event Date:	19841101
Event Description:	CA PRIORITIZATION-LOW CA PRIORITY
Permit Series Seq. No:	500
Series Name:	PERMIT1
Permit Event Seq. No:	1
Event Date:	19801119
Responsible Agency:	EPA
Event Code:	OP001IS
Event Description:	PART A RECEIVED-INITIAL SUBMITTAL
Permit Event Seq. No:	1
Event Date:	19921223
Responsible Agency:	EPA
Event Code:	OP002VE
Event Description:	PART A DETERMINATION-VERIFIED BY INSPECTION TO EXIST
Permit Event Seq. No:	1
Event Date:	19830311
Responsible Agency:	STATE
Event Code:	OP010
Event Description:	PART B CALL-IN
Permit Event Seq. No:	1
Event Date:	19840229
Responsible Agency:	STATE
Event Code:	OP160DP
Event Description:	PUBLIC NOTICE-DRAFT PERMIT ISSUED
Permit Event Seq. No:	1
Event Date:	19840827
Responsible Agency:	STATE
Event Code:	OP200PI
Event Description:	FINAL DETERMINATION-RCRA PERMIT ISSUED, HSWA NOT APPLIC.

Permit Event Seq. No:	1
Responsible Agency:	JOINT
Event Code:	OP270
Event Description:	PERMIT EXPIRES
Permit Series Seq. No:	501
Series Name:	PERMIT2
Process Unit Seq. No:	1
Unit Name:	CONTAIN1
Process Unit Detail Seq. No:	1
Process Code Type:	STORAGE
Process Code Description:	CONTAINER
Process Status Effective Date:	19801119
Process Capacity:	5500 GALLONS
Total Units within Process Unit Group:	1
Capacity Type:	DESIGN
Legal Operating Status:	INTERIM STATUS - OPERATING,ACTIVELY MANAGING RCRA-REGULATED WASTE
Strange But True Flag:	NO
Subject To Inspection:	YES
Permit Progress:	YES
Permit Workload:	YES
Closure Workload:	NO
Post-Closure Workload:	NO
Subject To Corrective Action:	YES
Corrective Action Workload:	YES
Process Unit Detail Seq. No:	2
Process Code Type:	STORAGE
Process Code Description:	CONTAINER
Process Status Effective Date:	19840827
Process Capacity:	7920 GALLONS
Total Units within Process Unit Group:	1
Capacity Type:	DESIGN
Legal Operating Status:	PERMITTED - OPERATING, ACTIVELY MANAGING RCRA-REGULATEDWASTE
Strange But True Flag:	NO
Subject To Inspection:	YES
Permit Progress:	YES
Permit Workload:	YES
Closure Workload:	NO
Post-Closure Workload:	NO
Subject To Corrective Action:	YES
Corrective Action Workload:	YES
Evaluation Date:	19880613
Responsible Agency:	STATE
Evaluation Type:	CEI - COMPLIANCE EVALUATIONINSPECTION ON-SITE
Evaluation Date:	20000330

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Responsible Agency:	*STATE*
Evaluation Type:	*CEI - COMPLIANCE EVALUATIONINSPECTION ON-SITE*
Evaluation Date:	*19990525*
Responsible Agency:	*STATE*
Evaluation Type:	*OTH - OTHER EVALUATION*
Evaluation Date:	*19891017*
Responsible Agency:	*STATE*
Evaluation Type:	*FRR - FINANCIAL RECORD REVIEW*
Evaluation Date:	*19930222*
Responsible Agency:	*STATE*
Evaluation Type:	*FRR - FINANCIAL RECORD REVIEW*
Evaluation Date:	*19940209*
Responsible Agency:	*STATE*
Evaluation Type:	*CEI - COMPLIANCE EVALUATIONINSPECTION ON-SITE*
Evaluation Date:	*19960412*
Responsible Agency:	*STATE*
Evaluation Type:	*CEI - COMPLIANCE EVALUATIONINSPECTION ON-SITE*
Evaluation Date:	*19891023*
Responsible Agency:	*STATE*
Evaluation Type:	*CEI - COMPLIANCE EVALUATIONINSPECTION ON-SITE*
Evaluation Date:	*19880615*
Responsible Agency:	*STATE*
Evaluation Type:	*FRR - FINANCIAL RECORD REVIEW*
Fields Not Reported by the Source Agency for this Site:	*(2), Revocation Date(1), Repository(1), Event Date(1)*

				Map ID
Address*:	**PEMACO INC** **5050 E SLAUSON** **MAYWOOD, CA 90270**	ID#: Distance Plotted as:	323762 0.79 MI Polygon	**13**
NPL - National Priority List / SRC# 19		Agency ID:	0904950	

Agency Address:	*PEMACO MAYWOOD* *5050 SLAUSON BOULEVARD* *MAYWOOD, CA 90270*
EPA ID:	*CAD980737092*
Site ID:	*0904950*
Financial Management System ID:	*099K*
EPA Region:	*09*
Congressional District:	*33*
USGS Hydrologic Unit Code:	*18070105*
Lat/Long:	*+33.985417* *-118.171250*
Ownership Type:	*UNKNOWN*
Federal Facility Indicator:	*NOT A FEDERAL FACILITY*
NPL Status:	*CURRENTLY ON THE FINAL NPL*
Site Incident Category Description:	*ABANDONED*
Hazardous Waste Docket Flag:	*NOT ON THE HAZARDOUS WASTEDOCKET*
Action:	*ADMINISTRATIVE RECORD*

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Action Qualifier:	*ADMIN RECORD COMPILED FOR AREMOVAL EVENT*
Action Lead:	*EPA FUND-FINANCED*
Scheduled Start Date:	*FEBRUARY 3, 1994*
Scheduled Completion Date:	*FEBRUARY 3, 1994*
Actual Start Date:	*FEBRUARY 3, 1994*
Actual Completion Date:	*FEBRUARY 3, 1994*
Action:	*DISCOVERY*
Action Lead:	*EPA FUND-FINANCED*
Scheduled Completion Date:	*MARCH 31, 1995*
Actual Completion Date:	*FEBRUARY 10, 1995*
Action:	*EXPANDED SITE INSPECTION*
Action Qualifier:	*RECOMMENDED FOR HRS SCORING*
Action Lead:	*EPA FUND-FINANCED*
Scheduled Completion Date:	*MARCH 31, 1998*
Actual Completion Date:	*MARCH 16, 1998*
Action:	*HAZARD RANKING SCORE PACKAGE*
Action Lead:	*EPA FUND-FINANCED*
Scheduled Completion Date:	*SEPTEMBER 30, 1999*
Actual Completion Date:	*JUNE 25, 1999*
Action:	*FINAL LISTING ON NPL*
Action Lead:	*EPA FUND-FINANCED*
Scheduled Completion Date:	*JUNE 30, 1999*
Actual Completion Date:	*JANUARY 19, 1999*
Action:	*PROPOSED FOR THE NPL*
Action Lead:	*EPA FUND-FINANCED*
Scheduled Completion Date:	*SEPTEMBER 30, 1998*
Actual Completion Date:	*JULY 28, 1998*
Action:	*POTENTIALLY RESPONSIBLITY PARTY SEARCH*
Action Lead:	*FEDERAL ENFORCEMENT*
Actual Start Date:	*JULY 1, 1998*
Actual Completion Date:	*SEPTEMBER 30, 1999*
Action:	*PRELIMINARY ASSESSMENT*
Action Qualifier:	*HIGH*
Action Lead:	*EPA FUND-FINANCED*
Scheduled Completion Date:	*JUNE 30, 1995*
Actual Completion Date:	*JUNE 28, 1995*
Action Lead:	*FEDERAL ENFORCEMENT*
Scheduled Start Date:	*DECEMBER 17, 1993*
Scheduled Completion Date:	*SEPTEMBER 30, 1999*
Actual Start Date:	*DECEMBER 17, 1993*
Actual Completion Date:	*JUNE 30, 1998*
Action Qualifier:	*SEARCH COMPLETE, VIABLE PRPS*
Action Lead:	*FEDERAL ENFORCEMENT*
Scheduled Start Date:	*JULY 10, 1997*
Scheduled Completion Date:	*SEPTEMBER 30, 1997*

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Actual Start Date:	JULY 10, 1997
Actual Completion Date:	SEPTEMBER 30, 1997
Action:	REMOVAL ACTION
Action Qualifier:	CLEANED UP
Action Lead:	EPA FUND-FINANCED
Scheduled Start Date:	DECEMBER 14, 1993
Scheduled Completion Date:	DECEMBER 31, 1994
Actual Start Date:	DECEMBER 14, 1993
Actual Completion Date:	SEPTEMBER 29, 1994
Action:	REMOVAL ACTION
Action Qualifier:	STABILIZED
Action Lead:	EPA FUND-FINANCED
Scheduled Start Date:	SEPTEMBER 30, 1997
Scheduled Completion Date:	JUNE 30, 1999
Actual Start Date:	AUGUST 18, 1997
Actual Completion Date:	MARCH 3, 1999
Action:	SCREENING SITE INSPECTION
Action Qualifier:	HIGH
Action Lead:	EPA FUND-FINANCED
Scheduled Start Date:	JUNE 30, 1995
Scheduled Completion Date:	JUNE 30, 1995
Actual Start Date:	JUNE 1, 1995
Actual Completion Date:	JUNE 28, 1995
Site Description:	CHEMICAL WAREHOUSE DESTROYEDBY FIRE IN LOS ANGLES, CA.CHEMICAL WAREHOUSE DESTROYEDBY FIRE IN LOS ANGLES, CA.
Financial Transaction ID:	0001
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	APRIL 9, 1998
Amount:	$ 9,981.00
Financial Transaction ID:	0002
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	APRIL 20, 1998
Amount:	$ 1,202.00
Financial Transaction ID:	0003
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JUNE 30, 1998
Amount:	$ 42.00
Financial Transaction ID:	0004
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JULY 1, 1998
Amount:	$ 5.00
Financial Transaction ID:	0005
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JULY 16, 1998
Amount:	$ 1,861.00
Financial Transaction ID:	0006

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	OCTOBER 21, 1998
Amount:	$ 2,991.00
Financial Transaction ID:	0001
Transaction Type:	DEOBLIGATION
Transaction Date:	APRIL 9, 1998
Amount:	$ 9,981.00
Financial Transaction ID:	0006
Transaction Type:	DEOBLIGATION
Transaction Date:	OCTOBER 21, 1998
Amount:	$ 2,991.00
Financial Transaction ID:	0005
Transaction Type:	DEOBLIGATION
Transaction Date:	JULY 13, 1998
Amount:	$ 1,861.00
Financial Transaction ID:	0002
Transaction Type:	DEOBLIGATION
Transaction Date:	APRIL 20, 1998
Amount:	$ 1,202.00
Financial Transaction ID:	0003
Transaction Type:	DEOBLIGATION
Transaction Date:	JUNE 30, 1998
Amount:	$ 42.00
Financial Transaction ID:	0004
Transaction Type:	DEOBLIGATION
Transaction Date:	JULY 1, 1998
Amount:	$ 5.00
Financial Transaction ID:	0001
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	APRIL 9, 1998
Amount:	$ 9,981.00
Financial Transaction ID:	0002
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	APRIL 20, 1998
Amount:	$ 1,202.00
Financial Transaction ID:	0003
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JUNE 30, 1998
Amount:	$ 42.00
Financial Transaction ID:	0004
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JULY 1, 1998
Amount:	$ 5.00
Financial Transaction ID:	0005
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Transaction Date:	JULY 13, 1998
Amount:	$ 1,861.00
Financial Transaction ID:	0006
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	OCTOBER 21, 1998
Amount:	$ 2,991.00
Financial Transaction ID:	0001
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	FEBRUARY 18, 1999
Amount:	$ 1,130.00
Financial Transaction ID:	0001
Transaction Type:	DEOBLIGATION
Transaction Date:	FEBRUARY 18, 1999
Amount:	$ 1,130.00
Financial Transaction ID:	0001
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	FEBRUARY 18, 1999
Amount:	$ 1,130.00
Financial Transaction ID:	0001
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	AUGUST 19, 1998
Amount:	$ 522.00
Financial Transaction ID:	0001
Transaction Type:	DEOBLIGATION
Transaction Date:	AUGUST 19, 1998
Amount:	$ 522.00
Financial Transaction ID:	0001
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	AUGUST 19, 1998
Amount:	$ 522.00
Financial Transaction ID:	0001
Transaction Type:	OPEN COMMITMENT
Transaction Date:	AUGUST 15, 1995
Amount:	$ 50,000.00
Financial Transaction ID:	0001
Transaction Type:	COMMITMENT
Transaction Date:	AUGUST 15, 1995
Amount:	$ 50,000.00
Financial Transaction ID:	0001
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	DECEMBER 10, 1998
Amount:	$ 81.00
Financial Transaction ID:	0001
Transaction Type:	DEOBLIGATION
Transaction Date:	DECEMBER 10, 1998

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Amount:	$ 81.00
Financial Transaction ID:	0001
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	DECEMBER 10, 1998
Amount:	$ 81.00
Financial Transaction ID:	0008
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	OCTOBER 21, 1998
Amount:	$ 20,687.00
Financial Transaction ID:	0002
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	DECEMBER 30, 1993
Amount:	$ 50,000.00
Financial Transaction ID:	0003
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	NOVEMBER 21, 1997
Amount:	$ 9,117.00
Financial Transaction ID:	0004
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	DECEMBER 29, 1997
Amount:	$ 9,267.00
Financial Transaction ID:	0005
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JANUARY 28, 1998
Amount:	$ 27,777.00
Financial Transaction ID:	0006
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	FEBRUARY 23, 1998
Amount:	$ 13,587.00
Financial Transaction ID:	0007
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JUNE 30, 1998
Amount:	$ 11,733.00
Financial Transaction ID:	0001
Transaction Type:	COMMITMENT
Transaction Date:	DECEMBER 20, 1993
Amount:	$ 50,000.00
Financial Transaction ID:	0002
Transaction Type:	DEOBLIGATION
Transaction Date:	DECEMBER 29, 1997
Amount:	$ 9,267.00
Financial Transaction ID:	0003
Transaction Type:	DEOBLIGATION
Transaction Date:	JANUARY 28, 1998
Amount:	$ 27,777.00

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Financial Transaction ID:	*0004*
Transaction Type:	*DEOBLIGATION*
Transaction Date:	*FEBRUARY 23, 1998*
Amount:	*$ 13,587.00*
Financial Transaction ID:	*0005*
Transaction Type:	*DEOBLIGATION*
Transaction Date:	*JUNE 30, 1998*
Amount:	*$ 11,733.00*
Financial Transaction ID:	*0006*
Transaction Type:	*DEOBLIGATION*
Transaction Date:	*OCTOBER 21, 1998*
Amount:	*$ 20,687.00*
Financial Transaction ID:	*0001*
Transaction Type:	*DEOBLIGATION*
Transaction Date:	*NOVEMBER 21, 1997*
Amount:	*$ 9,117.00*
Financial Transaction ID:	*0001*
Transaction Type:	*DECOMMITMENT*
Transaction Date:	*DECEMBER 20, 1993*
Amount:	*$ 50,000.00*
Financial Transaction ID:	*0001*
Transaction Type:	*EXTRAMURAL OUTLAY (PAYMENT)*
Transaction Date:	*NOVEMBER 21, 1997*
Amount:	*$ 9,117.00*
Financial Transaction ID:	*0006*
Transaction Type:	*EXTRAMURAL OUTLAY (PAYMENT)*
Transaction Date:	*OCTOBER 21, 1998*
Amount:	*$ 20,687.00*
Financial Transaction ID:	*0005*
Transaction Type:	*EXTRAMURAL OUTLAY (PAYMENT)*
Transaction Date:	*JUNE 30, 1998*
Amount:	*$ 11,733.00*
Financial Transaction ID:	*0004*
Transaction Type:	*EXTRAMURAL OUTLAY (PAYMENT)*
Transaction Date:	*FEBRUARY 23, 1998*
Amount:	*$ 13,587.00*
Financial Transaction ID:	*0002*
Transaction Type:	*EXTRAMURAL OUTLAY (PAYMENT)*
Transaction Date:	*DECEMBER 29, 1997*
Amount:	*$ 9,267.00*
Financial Transaction ID:	*0003*
Transaction Type:	*EXTRAMURAL OUTLAY (PAYMENT)*
Transaction Date:	*JANUARY 28, 1998*
Amount:	*$ 27,777.00*
Financial Transaction ID:	*0019*

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	OCTOBER 1, 1999
Amount:	$ 83.00
Financial Transaction ID:	0012
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	MARCH 3, 1999
Amount:	$ 539.00
Financial Transaction ID:	0013
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	MARCH 3, 1999
Amount:	$ 2,176.00
Financial Transaction ID:	0014
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	APRIL 22, 1999
Amount:	$ 1,651.00
Financial Transaction ID:	0015
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	MAY 17, 1999
Amount:	$ 2,219.00
Financial Transaction ID:	0016
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JUNE 1, 1999
Amount:	$ 2,287.00
Financial Transaction ID:	0017
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JUNE 21, 1999
Amount:	$ 7,989.00
Financial Transaction ID:	0020
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	NOVEMBER 2, 1999
Amount:	$ 7,635.00
Financial Transaction ID:	0011
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JANUARY 26, 1999
Amount:	$ 1,932.00
Financial Transaction ID:	0018
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JULY 29, 1999
Amount:	$ 8,053.00
Financial Transaction ID:	0009
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	OCTOBER 22, 1998
Amount:	$ 1,142.00
Financial Transaction ID:	0008
Transaction Type:	ACTUAL OBLIGATION

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Transaction Date:	OCTOBER 21, 1998
Amount:	$ 986.00
Financial Transaction ID:	0007
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	OCTOBER 21, 1998
Amount:	$ 3,895.00
Financial Transaction ID:	0006
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	OCTOBER 5, 1998
Amount:	$ 1,958.00
Financial Transaction ID:	0005
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JULY 1, 1998
Amount:	$ 4,894.00
Financial Transaction ID:	0004
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JUNE 30, 1998
Amount:	$ 8,793.00
Financial Transaction ID:	0003
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	FEBRUARY 11, 1998
Amount:	$ 50,000.00
Financial Transaction ID:	0001
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	AUGUST 27, 1997
Amount:	$ 600,000.00
Financial Transaction ID:	0002
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	SEPTEMBER 24, 1997
Amount:	$ 500,000.00
Financial Transaction ID:	0021
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	NOVEMBER 17, 1999
Amount:	$ 246.00
Financial Transaction ID:	0010
Transaction Type:	ACTUAL OBLIGATION
Transaction Date:	JANUARY 26, 1999
Amount:	$ 2,186.00
Financial Transaction ID:	0001
Transaction Type:	COMMITMENT
Transaction Date:	AUGUST 1, 1997
Amount:	$ 600,000.00
Financial Transaction ID:	0002
Transaction Type:	COMMITMENT
Transaction Date:	SEPTEMBER 5, 1997

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Amount:	$ 500,000.00
Financial Transaction ID:	0003
Transaction Type:	COMMITMENT
Transaction Date:	NOVEMBER 13, 1997
Amount:	$ 50,000.00
Financial Transaction ID:	0034
Transaction Type:	DEOBLIGATION
Transaction Date:	JULY 29, 1999
Amount:	$ 4,043.00
Financial Transaction ID:	0025
Transaction Type:	DEOBLIGATION
Transaction Date:	APRIL 2, 1999
Amount:	$ 5,919.00
Financial Transaction ID:	0026
Transaction Type:	DEOBLIGATION
Transaction Date:	APRIL 22, 1999
Amount:	$ 1,651.00
Financial Transaction ID:	0027
Transaction Type:	DEOBLIGATION
Transaction Date:	MAY 3, 1999
Amount:	$ 21,310.00
Financial Transaction ID:	0041
Transaction Type:	DEOBLIGATION
Transaction Date:	APRIL 4, 2000
Amount:	$ 3,924.00
Financial Transaction ID:	0029
Transaction Type:	DEOBLIGATION
Transaction Date:	JUNE 1, 1999
Amount:	$ 2,287.00
Financial Transaction ID:	0024
Transaction Type:	DEOBLIGATION
Transaction Date:	MARCH 11, 1999
Amount:	$ 37,830.00
Financial Transaction ID:	0031
Transaction Type:	DEOBLIGATION
Transaction Date:	JUNE 2, 1999
Amount:	$ 3,212.00
Financial Transaction ID:	0032
Transaction Type:	DEOBLIGATION
Transaction Date:	JUNE 21, 1999
Amount:	$ 7,989.00
Financial Transaction ID:	0033
Transaction Type:	DEOBLIGATION
Transaction Date:	JULY 29, 1999
Amount:	$ 8,053.00

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Financial Transaction ID:	0035
Transaction Type:	DEOBLIGATION
Transaction Date:	AUGUST 25, 1999
Amount:	$ 880.00
Financial Transaction ID:	0036
Transaction Type:	DEOBLIGATION
Transaction Date:	AUGUST 25, 1999
Amount:	$ 8,941.00
Financial Transaction ID:	0037
Transaction Type:	DEOBLIGATION
Transaction Date:	AUGUST 30, 1999
Amount:	$ 7,162.00
Financial Transaction ID:	0038
Transaction Type:	DEOBLIGATION
Transaction Date:	OCTOBER 1, 1999
Amount:	$ 83.00
Financial Transaction ID:	0023
Transaction Type:	DEOBLIGATION
Transaction Date:	MARCH 11, 1999
Amount:	$ 12,654.00
Financial Transaction ID:	0040
Transaction Type:	DEOBLIGATION
Transaction Date:	FEBRUARY 1, 2000
Amount:	$ 7,276.00
Financial Transaction ID:	0028
Transaction Type:	DEOBLIGATION
Transaction Date:	MAY 17, 1999
Amount:	$ 2,219.00
Financial Transaction ID:	0042
Transaction Type:	DEOBLIGATION
Transaction Date:	APRIL 4, 2000
Amount:	$ 1,737.00
Financial Transaction ID:	0043
Transaction Type:	DEOBLIGATION
Transaction Date:	APRIL 5, 2000
Amount:	$ 40,179.00
Financial Transaction ID:	0044
Transaction Type:	DEOBLIGATION
Transaction Date:	JANUARY 8, 2001
Amount:	$ 2,612.00
Financial Transaction ID:	0045
Transaction Type:	DEOBLIGATION
Transaction Date:	AUGUST 30, 2001
Amount:	$ 477,669.00
Financial Transaction ID:	0039

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Transaction Type:	DEOBLIGATION
Transaction Date:	NOVEMBER 17, 1999
Amount:	$ 246.00
Financial Transaction ID:	0011
Transaction Type:	DEOBLIGATION
Transaction Date:	OCTOBER 5, 1998
Amount:	$ 1,958.00
Financial Transaction ID:	0022
Transaction Type:	DEOBLIGATION
Transaction Date:	MARCH 3, 1999
Amount:	$ 539.00
Financial Transaction ID:	0001
Transaction Type:	DEOBLIGATION
Transaction Date:	NOVEMBER 13, 1997
Amount:	$ 54,026.00
Financial Transaction ID:	0002
Transaction Type:	DEOBLIGATION
Transaction Date:	DECEMBER 2, 1997
Amount:	$ 118,041.00
Financial Transaction ID:	0003
Transaction Type:	DEOBLIGATION
Transaction Date:	JANUARY 22, 1998
Amount:	$ 90,252.00
Financial Transaction ID:	0004
Transaction Type:	DEOBLIGATION
Transaction Date:	FEBRUARY 17, 1998
Amount:	$ 22,721.00
Financial Transaction ID:	0005
Transaction Type:	DEOBLIGATION
Transaction Date:	APRIL 2, 1998
Amount:	$ 21,466.00
Financial Transaction ID:	0006
Transaction Type:	DEOBLIGATION
Transaction Date:	JUNE 30, 1998
Amount:	$ 8,793.00
Financial Transaction ID:	0007
Transaction Type:	DEOBLIGATION
Transaction Date:	JULY 1, 1998
Amount:	$ 4,894.00
Financial Transaction ID:	0008
Transaction Type:	DEOBLIGATION
Transaction Date:	SEPTEMBER 11, 1998
Amount:	$ 52,054.00
Financial Transaction ID:	0030
Transaction Type:	DEOBLIGATION

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Transaction Date:	JUNE 2, 1999
Amount:	$ 16,498.00
Financial Transaction ID:	0010
Transaction Type:	DEOBLIGATION
Transaction Date:	SEPTEMBER 11, 1998
Amount:	$ 68,924.00
Financial Transaction ID:	0012
Transaction Type:	DEOBLIGATION
Transaction Date:	OCTOBER 15, 1998
Amount:	$ 46,711.00
Financial Transaction ID:	0013
Transaction Type:	DEOBLIGATION
Transaction Date:	OCTOBER 21, 1998
Amount:	$ 3,895.00
Financial Transaction ID:	0014
Transaction Type:	DEOBLIGATION
Transaction Date:	OCTOBER 21, 1998
Amount:	$ 986.00
Financial Transaction ID:	0015
Transaction Type:	DEOBLIGATION
Transaction Date:	OCTOBER 22, 1998
Amount:	$ 1,142.00
Financial Transaction ID:	0016
Transaction Type:	DEOBLIGATION
Transaction Date:	NOVEMBER 3, 1998
Amount:	$ 2,027.00
Financial Transaction ID:	0017
Transaction Type:	DEOBLIGATION
Transaction Date:	DECEMBER 4, 1998
Amount:	$ 12,354.00
Financial Transaction ID:	0018
Transaction Type:	DEOBLIGATION
Transaction Date:	JANUARY 15, 1999
Amount:	$ 5,937.00
Financial Transaction ID:	0019
Transaction Type:	DEOBLIGATION
Transaction Date:	JANUARY 26, 1999
Amount:	$ 2,186.00
Financial Transaction ID:	0020
Transaction Type:	DEOBLIGATION
Transaction Date:	JANUARY 26, 1999
Amount:	$ 1,932.00
Financial Transaction ID:	0021
Transaction Type:	DEOBLIGATION
Transaction Date:	MARCH 3, 1999

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Amount:	$ 2,176.00
Financial Transaction ID:	0009
Transaction Type:	DEOBLIGATION
Transaction Date:	SEPTEMBER 11, 1998
Amount:	$ 11,278.00
Financial Transaction ID:	0001
Transaction Type:	EXTRAMURAL DEOUTLAY (CREDIT)
Transaction Date:	NOVEMBER 2, 1999
Amount:	$ 7,635.00
Financial Transaction ID:	0003
Transaction Type:	DECOMMITMENT
Transaction Date:	FEBRUARY 11, 1998
Amount:	$ 50,000.00
Financial Transaction ID:	0002
Transaction Type:	DECOMMITMENT
Transaction Date:	SEPTEMBER 24, 1997
Amount:	$ 500,000.00
Financial Transaction ID:	0001
Transaction Type:	DECOMMITMENT
Transaction Date:	AUGUST 27, 1997
Amount:	$ 600,000.00
Financial Transaction ID:	0035
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	AUGUST 25, 1999
Amount:	$ 880.00
Financial Transaction ID:	0024
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	MARCH 11, 1999
Amount:	$ 37,830.00
Financial Transaction ID:	0025
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	APRIL 2, 1999
Amount:	$ 5,919.00
Financial Transaction ID:	0026
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	APRIL 22, 1999
Amount:	$ 1,651.00
Financial Transaction ID:	0027
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	MAY 3, 1999
Amount:	$ 21,310.00
Financial Transaction ID:	0028
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	MAY 17, 1999
Amount:	$ 2,219.00

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Financial Transaction ID:	0029
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JUNE 1, 1999
Amount:	$ 2,287.00
Financial Transaction ID:	0030
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JUNE 2, 1999
Amount:	$ 16,498.00
Financial Transaction ID:	0031
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JUNE 2, 1999
Amount:	$ 3,212.00
Financial Transaction ID:	0032
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JUNE 21, 1999
Amount:	$ 7,989.00
Financial Transaction ID:	0034
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JULY 29, 1999
Amount:	$ 4,043.00
Financial Transaction ID:	0036
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	AUGUST 25, 1999
Amount:	$ 8,941.00
Financial Transaction ID:	0037
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	AUGUST 30, 1999
Amount:	$ 7,162.00
Financial Transaction ID:	0038
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	OCTOBER 1, 1999
Amount:	$ 83.00
Financial Transaction ID:	0039
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	NOVEMBER 17, 1999
Amount:	$ 246.00
Financial Transaction ID:	0040
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	FEBRUARY 1, 2000
Amount:	$ 7,276.00
Financial Transaction ID:	0041
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	APRIL 4, 2000
Amount:	$ 3,924.00
Financial Transaction ID:	0042

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	APRIL 4, 2000
Amount:	$ 1,737.00
Financial Transaction ID:	0043
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JANUARY 8, 2001
Amount:	$ 2,612.00
Financial Transaction ID:	0014
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	OCTOBER 21, 1998
Amount:	$ 986.00
Financial Transaction ID:	0023
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	MARCH 11, 1999
Amount:	$ 12,654.00
Financial Transaction ID:	0033
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JULY 29, 1999
Amount:	$ 8,053.00
Financial Transaction ID:	0005
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	APRIL 2, 1998
Amount:	$ 21,466.00
Financial Transaction ID:	0002
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	DECEMBER 2, 1997
Amount:	$ 118,041.00
Financial Transaction ID:	0022
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	MARCH 3, 1999
Amount:	$ 539.00
Financial Transaction ID:	0004
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	FEBRUARY 17, 1998
Amount:	$ 22,721.00
Financial Transaction ID:	0006
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JUNE 30, 1998
Amount:	$ 8,793.00
Financial Transaction ID:	0007
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JULY 1, 1998
Amount:	$ 4,894.00
Financial Transaction ID:	0008
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Transaction Date:	SEPTEMBER 11, 1998
Amount:	$ 68,924.00
Financial Transaction ID:	0009
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	SEPTEMBER 11, 1998
Amount:	$ 52,054.00
Financial Transaction ID:	0010
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	SEPTEMBER 11, 1998
Amount:	$ 11,278.00
Financial Transaction ID:	0011
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	OCTOBER 5, 1998
Amount:	$ 1,958.00
Financial Transaction ID:	0013
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	OCTOBER 21, 1998
Amount:	$ 3,895.00
Financial Transaction ID:	0016
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	NOVEMBER 3, 1998
Amount:	$ 2,027.00
Financial Transaction ID:	0015
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	OCTOBER 22, 1998
Amount:	$ 1,142.00
Financial Transaction ID:	0001
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	NOVEMBER 13, 1997
Amount:	$ 54,026.00
Financial Transaction ID:	0017
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	DECEMBER 4, 1998
Amount:	$ 12,354.00
Financial Transaction ID:	0018
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JANUARY 15, 1999
Amount:	$ 5,937.00
Financial Transaction ID:	0003
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JANUARY 22, 1998
Amount:	$ 90,252.00
Financial Transaction ID:	0019
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JANUARY 26, 1999

Amount:	$ 2,186.00
Financial Transaction ID:	0020
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	JANUARY 26, 1999
Amount:	$ 1,932.00
Financial Transaction ID:	0021
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	MARCH 3, 1999
Amount:	$ 2,176.00
Financial Transaction ID:	0012
Transaction Type:	EXTRAMURAL OUTLAY (PAYMENT)
Transaction Date:	OCTOBER 15, 1998
Amount:	$ 46,711.00
Operable Unit ID:	01
Operable Unit ID:	00
Operable Unit Name:	SITEWIDE
Alias ID:	101
Alias Name:	PEMACO MAYWOOD
Address:	5040 SLAUSON BLVD. MAYWOOD CA 90270
Alias ID:	102
Alias Name:	PEMACO MAYWOOD
Address:	5050 SLAUSON BOULEVARD MAYWOOD CA 90270
Fields Not Reported by the Source Agency for this Site:	Action Qualifier(2), Scheduled Start Date(7), Actual Start Date(6), Action Qualifier(3), Scheduled Completion Date(1), Action(2), Action Qualifier(1), (1), Operable Unit Name(1)

Address*:	LUMIDOR MFG CO 4770 E 50TH ST LOS ANGELES, CA 90058	ID#: Distance/Direction: Plotted as:	251952 0.82 MI / W Point	Map ID 14
RCRA-TSD CORRACTS / SRC# 556		EPA ID:	CAD008256208	

Agency Address:	SAME AS ABOVE
EPA Handler ID:	CAD008256208
Handler Name:	LUMIDOR MFG CO
Handler Address:	4770 E 50TH ST LOS ANGELES, CA 90058
Land Type:	PRIVATE
County:	LOS ANGELES
Latitude:	3359480
Longitude:	11811250

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Mailing Address:	4770 E 50TH ST LOS ANGELES, CA 90058 -
Acknowledgement Generated:	19910331
State District:	4
Owner/Operator Indicator:	CURRENT OWNER
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	NATHAN SMOOKE
Phone:	(213) 624-8361
Address:	405 MATEO ST LOS ANGELES CA 90013 2219
Owner/Operator Indicator:	CURRENT OPERATOR
Owner/Operator Type:	PRIVATE
Owner/Operator Name:	LUMIDOR MFG
Phone:	(213) 588-9121
Address:	4770 E 50TH ST CITY NOT REPORTED CA 99999
SIC Sequence No:	0004
Primary SIC Indicator:	SECONDARY
SIC Code Source:	REPORTED BY FACILITY
SIC Code and Description:	3469 - MANUFACTURING - METALSTAMPINGS, NEC
SIC Sequence No:	0001
Primary SIC Indicator:	PRIMARY
SIC Code Source:	REPORTED BY FACILITY
SIC Code and Description:	2542 - MANUFACTURING - PARTITIONS AND FIXTURES, EXCEPT WO
SIC Sequence No:	0002
Primary SIC Indicator:	SECONDARY
SIC Code Source:	REPORTED BY FACILITY
SIC Code and Description:	2599 - MANUFACTURING - FURNITURE AND FIXTURES, NEC
SIC Sequence No:	0003
Primary SIC Indicator:	SECONDARY
SIC Code Source:	REPORTED BY FACILITY
SIC Code and Description:	3429 - MANUFACTURING - HARDWARE, NEC
Env. Priority Rank Date:	19920827
Env. Priority Rank Status:	3
Type of Information:	NOTIFICATION
Contact Name:	ENVIRONMENTAL MANAGER
Contact Title:	ENVIRO MANAGER
Contact Phone:	2135889121
Contact Address:	4770 E 50TH ST LOS ANGELES, CA 90058 -
Closure Workload:	YES

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Permit Progress:	YES
Subject to Corrective Action:	YES
Storage:	YES
Area Sequence No:	1
Area Name:	ENTIRE FACILITY
Facility Wide:	YES
Regulated Unit:	NOT REPORTED
CA Event Sequence No:	1
Responsible Agency:	EPA
Event Date:	19910915
Event Description:	CA PRIORITIZATION-LOW CA PRIORITY
CA Event Sequence No:	2
Responsible Agency:	EPA
Event Date:	19920327
Event Description:	CA PRIORITIZATION-LOW CA PRIORITY
CA Event Sequence No:	1
Responsible Agency:	EPA
Event Date:	19920327
Event Description:	STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLETO STABILIZATION
Permit Series Seq. No:	500
Series Name:	PERMIT1
Permit Event Seq. No:	1
Event Date	19801119
Responsible Agency:	EPA
Event Code:	OP001IS
Event Description:	PART A RECEIVED-INITIAL SUBMITTAL
Process Unit Seq. No:	1
Unit Name:	CONTAIN1
Process Unit Detail Seq. No:	1
Process Code Type:	STORAGE
Process Code Description:	CONTAINER
Process Status Effective Date:	19801119
Process Capacity:	1000 GALLONS
Total Units within Process Unit Group:	1
Capacity Type:	DESIGN
Legal Operating Status:	INTERIM STATUS - OPERATING.ACTIVELY MANAGING RCRA-REGULATED WASTE
Strange But True Flag:	NO
Subject To Inspection:	YES
Permit Progress:	YES
Permit Workload:	YES
Closure Workload:	NO
Post-Closure Workload:	NO
Subject To Corrective Action:	YES
Corrective Action Workload:	YES
Process Unit Detail Seq. No:	2

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Process Code Type:	STORAGE
Process Code Description:	CONTAINER
Process Status Effective Date:	19870610
Process Capacity:	1000 GALLONS
Total Units within Process Unit Group:	1
Capacity Type:	DESIGN
Legal Operating Status:	INTERIM STATUS - CONVERTED BUT NOT RCRA CLOSED
Strange But True Flag:	NO
Subject To Inspection:	NO
Permit Progress:	YES
Permit Workload:	NO
Closure Workload:	YES
Post-Closure Workload:	YES
Subject To Corrective Action:	YES
Corrective Action Workload:	NO
Process Unit Seq. No:	2
Unit Name:	TANKSTR1
Process Unit Detail Seq. No:	1
Process Code Type:	STORAGE
Process Code Description:	TANK STORAGE
Process Status Effective Date:	19801119
Process Capacity:	3600 GALLONS
Total Units within Process Unit Group:	1
Capacity Type:	DESIGN
Legal Operating Status:	INTERIM STATUS - OPERATING,ACTIVELY MANAGING RCRA-REGULATED WASTE
Strange But True Flag:	NO
Subject To Inspection:	YES
Permit Progress:	YES
Permit Workload:	YES
Closure Workload:	NO
Post-Closure Workload:	NO
Subject To Corrective Action:	YES
Corrective Action Workload:	YES
Process Unit Detail Seq. No:	2
Process Code Type:	STORAGE
Process Code Description:	TANK STORAGE
Process Status Effective Date:	19870610
Process Capacity:	3600 GALLONS
Total Units within Process Unit Group:	1
Capacity Type:	DESIGN
Legal Operating Status:	INTERIM STATUS - CONVERTED BUT NOT RCRA CLOSED
Strange But True Flag:	NO
Subject To Inspection:	NO
Permit Progress:	YES

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile) CONT.

Permit Workload:	NO
Closure Workload:	YES
Post-Closure Workload:	YES
Subject To Corrective Action:	YES
Corrective Action Workload:	NO
Fields Not Reported by the Source Agency for this Site:	(2)

UNMAPPED SITES

Address*:	DOMINIC CASTRO DUMP 4830 54 EASTERN AVE 6081 85 RICKENBACHE COMMERCE, CA 0		68246628

STATE SWLF - Solid Waste Landfill / SRC# 163 — Agency ID: 19-AA-5576

Agency Address:	SAME AS ABOVE
SWIS No:	19-AA-5576
Site Name:	DOMINIC CASTRO DUMP
Site Address:	4830 54 EASTERN AVE 6081 85RICKENBACHE
Site City:	COMMERCE
Site State:	CA
Site County:	LOS ANGELES
Owner Name:	SEVERAL LAND OWNERS (HOME OWNERS)
Unit No:	01
Category:	DISPOSAL
Activity:	SOLID WASTE DISPOSAL SITE
Regulatory Status:	TO BE DETERMINED
Operational Status:	CLOSED
Inspection Frequency:	QUARTERLY
Throughput:	0
Capacity:	0
Acreage:	0
Disposal Acreage:	0
Remaining Capacity:	0
Last Tire Inspection Count:	0
Last Tire Inspection Count Date:	0
SWIS No:	19-AA-5576
Latitude:	34
Longitude:	-118.15
Facility Life:	NOT REPORTED
Fields Not Reported by the Source Agency for this Site:	Owner Address(1), Owner Phone(1), Waste Type(s)(1), Closure Date(1), Closure Type(1), Original Tire Count(1), Original Tire Count Date(1), Surrounding Land Use(1), Operator Name(1), Operator Phone(1), Operator Address(1), Permit Date(1), Permit Status(1)

Address*:	ATSF RAILROAD R/W FRUITLAND AVENUE LOS ANGELES, CA 90058	ID#:	65397420

State Spills / SRC# 107 — EPA/Agency ID: N/A

Agency Address:	ATSF RAILROAD R/W FRUITLAND AVENUE LOS ANGELES CO., CA 90058
Site Name:	ATSF RAILROAD R/W
Site Address:	FRUITLAND AVENUE LOS ANGELES CO., CA 90058
SLIC ID #:	0479

UNMAPPED SITES CONT.

Status	9
Spilled Material(s):	TPH
	UNKNOWN
Air Release:	NOT REPORTED
Facility Release:	NOT REPORTED
Ground Release:	NOT REPORTED
Land Release:	NOT REPORTED
Water Release:	NOT REPORTED
Other Release:	NOT REPORTED
Source Agency:	NOT REPORTED
Spill Date:	NOT REPORTED

Address*:	ALAMEDA ST 29005 ALAMEDA ST VERNON, CA 0	ID#:	65504532
STATE SWLF - Solid Waste Landfill / SRC# 163		Agency ID:	19-DE-0004

Agency Address:	SAME AS ABOVE
SWIS No:	19-DE-0004
Site Name:	ALAMEDA ST
Site Address:	29005 ALAMEDA ST
Site City:	VERNON
Site State:	CA
Site County:	LOS ANGELES
Owner Name:	L.A. BY-PRODUCTS
Owner Address	1820 E. 25TH STREET
	VERNON, CA 90058
Owner Phone	2132334175
Unit No:	01
Category:	DISPOSAL
Activity:	SOLID WASTE DISPOSAL SITE
Regulatory Status:	PRE-REGULATIONS
Operational Status:	CLOSED
Inspection Frequency:	NONE
Closure Date	12/30/1950
Closure Type	ESTIMATED
Throughput:	0
Capacity:	0
Acreage:	0
Disposal Acreage:	0
Remaining Capacity:	0
Last Tire Inspection Count:	0
Last Tire Inspection Count Date:	0
SWIS No:	19-DE-0004
Latitude:	34.00139
Longitude:	-118.23028

UNMAPPED SITES CONT.

Facility Life:	*NOT REPORTED*
Fields Not Reported by the Source Agency for this Site:	*Waste Type(s)(1), Original Tire Count(1), Original Tire Count Date(1), Surrounding Land Use(1), Operator Name(1), Operator Phone(1), Operator Address(1), Permit Date(1), Permit Status(1)*

SITE ASSESSMENT PLUS REPORT

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL a database search to identify all sites within 1 mile of your property.
SRC#: 19 **The agency release date for National Priorities List was December, 2001.**

The NPL Report is the US EPA's registry of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980.

SPL a database search to identify all sites within 1 mile of your property.
SRC#: 113 **The agency release date for CalSites Database was October, 2000.**

This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control. The agency may be contacted at: 916-323-3400.

CORRACTS a database search to identify all sites within 1 mile of your property.
SRC#: 14 **The agency release date for RCRIS Corrective Action Sites was August, 2001.**

The CORRACTS database contains information concerning RCRA facilities that have conducted, or are currently conducting a corrective action. A Corrective Action Order is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may also be imposed as a requirement of receiving and maintaining a TSDF permit.

RCRIS-TSDC a database search to identify all sites within 1 mile of your property.
SRC#: 556 **The agency release date for RCRIS TSDs Subject to Corrective Action was August, 2001.**

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDCs are treatment, storage and/or disposal facilities that are subject to corrective action under RCRA.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS
SRC#: 17

a database search to identify all sites within 1/2 mile of your property.
The agency release date for Comprehensive Environmental Response, Compensation and Liability Information Sys was December, 2001.

The CERCLIS database is a comprehensive listing of known or suspected uncontrolled or abandoned hazardous waste sites. These sites have either been investigated, or are currently under investigation by the U.S. EPA for the release, or threatened release of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation, and ultimately placed on the National Priorities List (NPL).

NFRAP
SRC#: 18

a database search to identify all sites within 1/2 mile of your property.
The agency release date for No Further Remedial Action Planned was December, 2001.

The No Further Remedial Action Planned Report (NFRAP), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS database. NFRAP sites may be sites where, following an initial investigation, either no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

SCL
SRC#: 112

a database search to identify all sites within 1/2 mile of your property.
The agency release date for CalSites Database was October, 2000.

This database is provided by the Department of Toxic Substances Control. Two- thirds of these sites have been classified, based on available information, as needing "No Further Action" (NFA) by the Department of Toxic Substances Control. The remaining sites are in various stages of review and remediation to determine if a problem exists at the site. Several hundred sites have been remediated and are considered certified. Some of these sites may be in long term operation and maintenance.

RCRIS-TSD
SRC#: 12

a database search to identify all sites within 1/2 mile of your property.
The agency release date for RCRIS Treatment, Storage and Disposal Facilities was August, 2001.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

SWLF
SRC#: 23

a database search to identify all sites within 1/2 mile of your property.
The agency release date for USGS Solid Waste Landfills was December, 1991.

This database is provided by the United States Geological Survey. The agency may be contacted at: 703-648-5613.

SWLF-CO
SRC#: 51

. a database search to identify all sites within 1/2 mile of your property.
The agency release date for Los Angeles County Soild Waste Landfills Transfer Stations was February, 1998.

This database is provided by the Los Angeles County Department of Health Services, Solid Waste Management Program. The agency may be contacted at: 323-881-4151.

SWLF-CO
SRC#: 70

a database search to identify all sites within 1/2 mile of your property.
The agency release date for City of Los Angeles Landfills Transfer Stations was April, 1999.

This database is provided by the City of Los Angeles, Environmental Affais Department. The agency may be contacted at: 213-580-1070.

SWLF
SRC#: 163

a database search to identify all sites within 1/2 mile of your property.
The agency release date for Solid Waste Inventory System was February, 2002.

This database is provided by the Integrated Waste Management Board. The agency may be contacted at: 916-255-4021.

WMUDS
SRC#: 68

a database search to identify all sites within 1/2 mile of your property.
The agency release date for Waste Management Unit Data System was February, 1999.

This historical database is provided by the State Water Resources Control Board. The agency may be contacted at: 530-892-0323. This is used for program tracking and inventory of waste management units. This system contains information from: Facility, Waste Management Unit, SWAT Program and Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA and RCRA Program Information, Closure Information; also some information from the WDS (Waste Discharge System).

SPILLS
SRC#: 107

a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region 4 SLIC Site List was September, 2001.

This database is provided by the Regional Water Quality Control Board, Region #4. The agency may be contacted at: 323-266-7576.

LUST-REG
SRC#: 108

a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region 6 Leaking Underground Storage Tanks was July, 2001.

This database is provided by the Lahontan Region Six South Lake Tahoe. The agency may be contacted at: 530-542-5400.

LUST-REG
SRC#: 121

a database search to identify all sites within 1/2 mile of your property.
The agency release date for Region 4 Leaking Underground Storage Tank was April, 2001.

This database is provided by the Regional Water Quality Control Board, Region #4. The agency may be contacted at: 323-266-7582.

LUST-REG a database search to identify all sites within 1/2 mile of your property.
SRC#: 128 **The agency release date for Region 6 Leaking Underground Storage Tanks was July, 2001.**

This database is provided by the Regional Water Quality Control Board, Region #6. The agency may be contacted at: 760-241-7365.

LUST a database search to identify all sites within 1/2 mile of your property.
SRC#: 164 **The agency release date for Leaking Underground Storage Tank Information System was October, 2001.**

This database is provided by the California Environmental Protection Agency. The agency may be contacted at: 916-341-5740.

CORTESE a database search to identify all sites within 1/2 mile of your property.
SRC#: 53 **The agency release date for Cortese List - Hazardous Waste Substance Site List was April, 1998.**

This historical database is provided by the Office of Environmental Protection, Office of Hazardous Materials. The agency may be contacted at: 916-445-6532. The California Governor's Office of Planning and Research annually publishes a listing of potential and confirmed hazardous waste sites throughout the State of California under Government Code Section 65962.5. This database (CORTESE) is based on input from the following: (1)CALSITES-Department of Toxic Substances Control, Abandoned Sites Program Information Systems; (2)SARA Title III Section III Toxic Chemicals Release Inventory for 1987, 1988, 1989, and 1990; (3)FINDS; (4)HWIS-Department of Toxic Substances Control, Hazardous Waste Information System. Vista has not included one time generator facilities from Cortese in our database.; (5)SWRCB-State Water Resources Control Board; (6)SWIS-Integrated Waste Management Control Board (solid waste facilities); (7)AGT25-Air Resources Board, dischargers of greater than 25 tons of criteria pollutants to the air; (8)A1025-Air Resources Board, dischargers of greater than 10 and less than 25 tons of criteria pollutants to the air; (9)LTANK-SWRCB Leaking Underground Storage Tanks; (10)UTANK-SWRCB Underground tanks reported to the SWEEPS systems; (11)IUR-Inventory Update Rule (Chemical Manufacturers); (12)WB-LF- Waste Board - Leaking Facility, site has known migration; (13)WDSE-Waste Discharge System - Enforcement Action; (14)DTSCD-Department of Toxic Substance Control Docket.

BORDER-ZON a database search to identify all sites within 1/2 mile of your property.
SRC#: 46 **The agency release date for Deed Restriction Properties Report was January, 2002.**

The Deeds Restrictions list, also known as the Border Zone Property List, contains information concerning voluntary deed restriction. These agreements are made with owners of property who propose building residences, schools, hospitals, or day care centers on property that is on or within 2,000 feet of potentially hazardous waste site.

TOXICPITS a database search to identify all sites within 1/2 mile of your property.
SRC#: 49 **The agency release date for Toxic Pits was February, 1995.**

This historical database is provided by the Water Quality Control Board, Division of Loans Grants. The agency may be contacted at: 916-227-4396.

USGS-WELLS a database search to identify all sites within 1/2 mile of your property.
SRC#: 3 **The agency release date for USGS Water Wells was March, 1998.**

The Ground Water Site Inventory (GWSI) database was provided by the United States Geological Survey (USGS). The database contains information for over 1,000,000 wells and other sources of groundwater which the USGS has studied, used or documented during research.

C) DATABASES SEARCHED TO 1/4 MILE

RCRIS-VIOL a database search to identify all sites within 1/4 mile of your property.
SRC#: 11 **The agency release date for RCRIS Facilities with Violations was August, 2001.**

The Resource Conservation and Recovery Act Information System (RCRIS) identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRIS Violations report contains information concerning facilities that have been cited for violations of RCRA, as well as any enforcement actions taken against the facility.

UST a database search to identify all sites within 1/4 mile of your property.
SRC#: 45 **The agency release date for Underground Storage Tanks was January, 1994.**

This historical database is provided by the State Water Resources Control Board, Office of Underground Storage Tanks. Please refer to the local level UST list for more current information. Be advised that some states do not require registration of heating oil tanks, especially those used for residential purposes.

UST-CO-LB a database search to identify all sites within 1/4 mile of your property.
SRC#: 56 **The agency release date for City of Long Beach Underground Storage Tanks was October, 1999.**

This database is provided by the City of Long Beach Fire Department. The agency may be contacted at: 562-570-2560. Be advised: Many states do not require registration of heating oil tanks, especially those used for residential purposes.

UST-ELSE a database search to identify all sites within 1/4 mile of your property.
SRC#: 86 **The agency release date for City of El Segundo Underground Storage Tanks was January, 2002.**

This database is provided by the City of El Segundo Fire Department. The agency may be contacted at: 310-524-2239. Be advised: Many states do not require registration of heating oil tanks, especially those used for residential purposes.

UST-TORR
SRC#: 101

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for City of Torrance Underground Storage Tanks was October, 2001.**

This database is provided by the City of Torrance Fire Prevention Division. The agency may be contacted at: 310-618-2973. Be advised: Many states do not require registration of heating oil tanks, especially those used for residential purposes.

UST-CO-LA
SRC#: 142

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for Los Angeles County UST Street Number Book was February, 2002.**

This database is provided by the Los Angeles County Department of Public Works, Environmental Programs. The agency may be contacted at: 626-458-4125. Be advised: Many states do not require registration of heating oil tanks, especially those used for residential purposes.

AST
SRC#: 60

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for Aboveground Storage Tanks was January, 2001.**

This database is provided by the State Water Resources Control Board. The agency may be contacted at: 916-227-4364.

LACO-SITE-
SRC#: 111

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for Los Angeles County Site Mitigation Complaint Control Log was August, 1999.**

This database is provided by the Department of Health Services, LA County Public Health Investigations. The agency may be contacted at: 323-890-7806.

TRIS
SRC#: 2

VISTA conducts a database search to identify all sites within 1/4 mile of your property. **The agency release date for Toxic Release Inventory System was February, 2001.**

All facilities that manufacture, process, or import toxic chemicals in quantities in excess of 25,000 pounds per year are required to register with the EPA under Section 313 of the Superfund Amendments and Reauthorization Act (SARA Title III) of 1986. Data contained in the TRIS system covers approximately 20,000 sites and 75,000 chemical releases.

D) DATABASES SEARCHED TO 1/8 MILE

ERNS
SRC#: 8

a database search to identify all sites within 1/8 mile of your property.
The agency release date for Emergency Response Notification System was December, 2000.

ERNS is a national computer database system that is used to store information on the sudden and/or accidental release of hazardous substances, including petroleum, into the environment. The ERNS reporting system contains preliminary information on specific releases, including the spill location, the substance released, and the responsible party.

RCRA-LQG
SRC#: 16

a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS Large Quantity Generators was August, 2001.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRIS-SQG
SRC#: 15

a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS Small Quantity Generators was August, 2001.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small Quantity Generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

RCRIS-NOTI
SRC#: 1298

a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS Notifiers was August, 2001.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal.The RCRIS Notifiers contains information on formerly regulated RCRA sites with more complete historical information.

End of Report

Appendix I-IV

RWQCB Records

Cal/EPA

Los Angeles Regional Water Quality Control Board

101 Centre Plaza Drive
Monterey Park, CA
91754-2156
(213) 266-7500
FAX (213) 266-7600

Pete Wilson
Governor

710-2

November 4, 1996

Ms. Diane Clark
Department of Army
AFRC-ACA-EN, Building #7
11200 Lexington Drive
Los Alamitos, CA 90720-5002

UNDERGROUND STORAGE TANK CASE CLOSURE
PATTON US ARMY RESERVE CENTER
5340 BANDINI BOULEVARD, BELL (FILE NO. I-16836)

Dear Ms. Clark:

This letter confirms the completion of the site investigation and remedial action for the underground storage tank(s) formerly located at the above-described location.

Based on the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e).

Please contact Yue Rong at (213) 266-7604 if you have any questions regarding this matter.

Sincerely,

ROBERT P. GHIRELLI, D. Env.
Executive Officer

DAVID G. DEANER
Acting Assistant Executive Officer
Underground Tanks Section

cc: Mr. Toru Okamoto, State Water Resources Control Board, Underground Storage Tank Cleanup Fund
Mr. Allan Patton, State Water Resources Control Board, Underground Storage Tank Program
Mr. Alfredo Cardenas, Water Replenishment District of Southern California
Mr. Carl Sjoberg, Los Angeles County Department of Public Works, Environmental Programs Division
Mr. Richard Haavisto, US Army Corps of Engineers
Mr. Donald Pape, Harding Lawson Associates

16836-2A

H

RB

DEPARTMENT OF THE ARMY

HEADQUARTERS 7th INFANTRY DIVISION (LIGHT) AND FORT ORD
FORT ORD, CALIFORNIA 93941-5000

July 20, 1993

REPLY TO
ATTENTION OF:

RVI/OTHR

710-2

Environmental and Natural
Resources Management Division

RECEIVED
JUL 28 1993
DEPARTMENT OF PUBLIC WORKS
WASTE MANAGEMENT DIVISION

C69501

Mr. Thomas A. Tidemanson, Director
Department of Public Works
County of Los Angeles
P.O. Box 1460
Alhambra, California 91802-1460

Dear Mr. Tidemanson:

This letter concerns the three former UST sites at Patton USARC, 5340 Bandini Blvd., Bell, California (your File WM-1, 16836-2A).

Site 1: Closure Application #51877 for removal of a 3,000 gallon fuel (gasoline/diesel) UST: The UST was removed February 12, 1992 by Time Environmental Corp., of Irvine, California, and our Closure Report was submitted to your office in March 1993. The excavation has not yet been backfilled.

In your letter of May 12, 1993, you requested additional information in connection with this UST removal. On June 8, 1993, Time Environmental Corporation transmitted two of the items requested: a copy of the completed manifest for rinsate, and a statement from the registered geologist who oversaw the work. At Enclosure 1 please find a copy of the letter and attachments prepared by the contractor, for your convenience.

The third and final item requested in your May 12 letter is soil analysis for diesel from the UST pit and piping excavation, and analysis for diesel and gasoline in the soil stockpile. We have completed this additional sampling and analysis and the results are found at Enclosure 2. Your office was notified by Barbara Schmitt of our Environmental Division prior to our sample collection, and the results were discussed with Mr. Ofo on July 1, 1993. It is our understanding that the excavation can now be backfilled and that no further work will be required.

Site 2: Permit Number 8168B, for removal of an 800 gallon heating fuel oil UST from Building 331 (a warehouse): This UST was removed in May 1991 in connection with the building demolition. Approximately 30 yards of hydrocarbon-contaminated soil was removed from the excavation and disposed of at McKitrick Landfill. The tank pit was backfilled and resurfaced.

Your Notice of Non-Compliance dated November 10, 1992 requested closure documentation for this site. Due to contracting and funding problems, we will be unable to provide this. As requested in our letter of March 8, 1993 (Enclosure 3), we would like to expedite the investigation of potential contamination at this site. Your assistance in referral of this project to your Local Oversight Program would be appreciated.

Site 3: Permit 8996B, for removal of a waste oil UST (600 gallons): This UST was removed in May 1992 from Building 321, a motor repair shop. The contractor for this project was American Processing Company and their project geologist was Mr. Steve Klibbe. Soil analysis data was faxed from us to your office on December 9, 1992, which showed soil contamination. However, the sampling was done prior to overexcavation of the site and confirmation sampling has not been done to determine whether the contaminated soil was completely removed.

Closure documentation required for this waste oil UST removal will not be available and we would like to expedite the investigation of potential contamination at this site. Please refer this project to your Local Oversight Program for oversight.

To initiate site assessment work at the sites discussed in sites (2) and (3) above, we have requested the assistance of Sacramento District, Corps of Engineers. The point of contact there will be Paul Townsend. We have asked the Corps to proceed with preparation of Draft Work Plans, which will be provided to your office for review, and a schedule for contracting of the field investigations.

Our site assessments will be conducted in accordance with L.A. County Public Works, Waste Management Division's "Guidelines for Report Submittals, Underground Storage Tank Local Oversight Program," dated March 1991. In general, the site assessments will consist of determining the nature and the vertical and horizontal extent of soil contamination at each site. One boring at each site will be drilled to a depth of 50 feet below the ground surface. The other two borings will be drilled to a depth of 25 feet. Soil samples will be collected at 5, 10, 15, 20, 30, 40 and 50 feet in depth or at changes in lithology. Investigation of possible ground water contamination is not expected, since the depth to the water table is believed to be about 100 feet and the contaminants of concern are not expected to migrate very deep.

So that we may proceed with the initiation of these two site characterization studies, please provide a letter indicating your

specific requirements. Should you have any questions, please contact Barbara Schmitt of the Environmental and Natural Resources Division at 408/242-2827. Your assistance with these projects is appreciated.

Sincerely

Bjorn Lundegard
Lieutenant Colonel, U.S. Army
Director, Engineering and
Housing

Enclosures -3

Copies Furnished:

L.A. Resident Office (Matt Shun), CESPL-CO-SL, P.O. Box 3157, Ontario, California 91761-0916
US Army Engineer District, Sacramento (Paul Townsend), CESPK-ED-EB, 1325 J. Street, Sacramento, 95814-2922
Commander, 63rd ARCOM (Attn: AFKC-ACA-EN, Richard Moore), AFRC Building 24, Los Alamitos, California 90720.
Patton USARC (Attn: Don Colson), 5340 Bandini Blvd., Bell, California 90201-6499.

Appendix I-V

Los Angeles County Department of Public Works
California Army National Guard

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENC
P.O.BOX 1460
ALHAMBRA, CALIFORNIA 91802-

April 29, 1993

IN REPLY PLEASE
REFER TO FILE:

I-9341

SFC DONALD MCGILL
OMS NO. 6
CALIFORNIA ARMY NATIONAL GUARD
5300 BANDINI BL
BELL CA 90201

Dear Mr. McGill:

CALIFORNIA ARMY NATIONAL GUARD
5300 BANDINI BOULEVARD, BELL

We have reviewed our files for the subject site and find that this site was put into the Underground Storage Tank (UST) Local Oversight Program (LOP) due to the accidental misfiling of documents which led our staff to believe that USTs had been removed at the site revealing evidence of a petroleum release. We apologize for the confusion this may have caused you. This file has been rejected from the UST LOP.

Please be advised, however, the Department of Public Works retains jurisdiction for any underground storage tank activity at this site including permitting, closure and maintenance of records.

Please contact Scott Small (818)458-3996 if you have any questions on the above.

Very truly yours,

T. A. TIDEMANSON
Director of Public Works

FSS
PD

Nader Ahmadian
for Pat A. Proano
Supervising Civil Engineer II
Waste Management Division

FSS:rm
WP\9341

cc: California Regional Water Quality Control Board
Ms. Donna Schimeck, State Water Resources Control Board

9341-2A

[illegible] FIELING, INC
8110 SOMERSET BLVD.
PARAMOUNT, CA [illegible]

TEL (310) 529-6460
FAX (310) 529-7036
LICENSE #[illegible] B and HA.

FAX TRANSMISSION COVER SHEET

[illegible] 23/94

[illegible]TION: [illegible] HASSAN

[illegible]Y: [illegible]

[illegible] (310) 4[illegible]

SENT BY: BOB FREELAND

PAGES INCLUDING THIS ONE: 3

MESSAGE: SOIL SAMPLE RESULTS
SEE WASTE OIL TANK [illegible]
[illegible] BANDAN
[illegible], CA
[illegible] NATIONAL [illegible]

FILE # I 9341
PERMIT # 86379

27489

Applied P & Ch Laboratory
[illegible] E. Mission Blvd., Pomona, CA 91765
(909) [illegible] Fax: (909) 322-3100

APCL Analytical Report

Submitted to:
The Ultimate Engineering Group Inc.
Attention: Alex Irshaid
254 N. Ott Street, Unit A
Corona, CA 91720
Tel: (714)734-3630 Fax: (714)734-3[illegible]

Service ID #: 801-[illegible]1525 Received : 02/18/94
Collected by: [illegible] Tested : 02/21/94
Collected on: [illegible] Reported : 02/21/94
Sample description:
Soil Samples from Tank Holes and Pipe Trench
Project: [illegible] National Guards / OMS#6

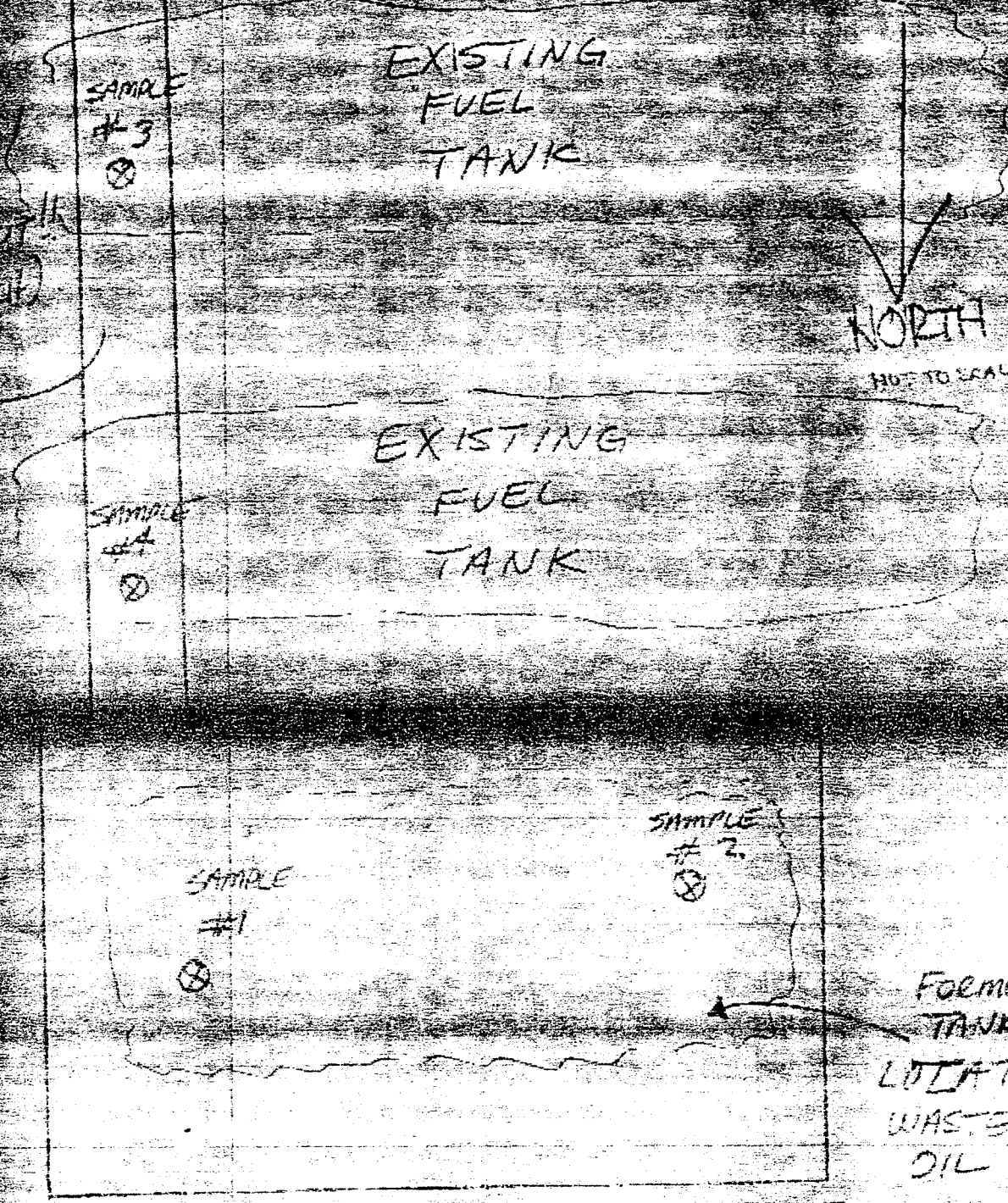
Analysis of TPVH in Soil

801-941525 Page 1 of 1

Component Analyzed	Method	Unit	PWD	Concentration #1 [illegible]	#2 [illegible]	#3 [illegible]	#4 [illegible]
TPH (Gasoline) + BTXE Distribution							
TPH (Gasoline)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N.D.	61
Benzene	[illegible]	µg/kg	[illegible]	348	N.D.	N.D.	57
Toluene	[illegible]	µg/kg	[illegible]	1,270	N.D.	N.D.	227
Ethylbenzene	[illegible]	µg/kg	[illegible]	1,330	[illegible]	N.D.	658
o-Xylene	[illegible]	µg/kg	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
m-Xylene/p-Xylene	[illegible]	µg/kg	[illegible]	[illegible]	[illegible]	N.D.	[illegible]
BTXE, Total	[illegible]	µg/kg	[illegible]	[illegible]	[illegible]	N.D.	[illegible]

PWD: [illegible] Quantitation Limit
N.D.: Not Detected or [illegible] than the [illegible] limit

CITY OF BELL


EXISTING
FUEL
TANK
SAMPLE
#3
NORTH
NOT TO SCALE
EXISTING
FUEL
TANK
SAMPLE
#4
SAMPLE
#2
SAMPLE
#1
FORMER
TANK
LOCATION
WASTE
OIL
13.4

Los Angeles County Department of Public Works
Environmental Programs Division
900 South Fremont Avenue, Annex 3rd floor
Alhambra, Ca 91303-1331
Telephone (626) 458-3517 - Fax (626) 458-3569

CA Cert. No. 21981

Underground Storage Tank Facility
UPGRADE COMPLIANCE CERTIFICATE

This upgrade compliance certificate is issued pursuant to Chapter 6.7, Section 25284(e), California Health and Safety Code.

File No: 009525 - 009341
Fac Name: OFFICE OF ADJUTANT GENERAL
Site add: 5300 E BANDINI BLVD
Site city: BELL
Site Zip: 90201
Area/City: (2A) BELL

DPW Permit No: 00003565T
CUPA NO: 011245
STATE ID: 19 000 009341

Certificate issued to:

STATE MILITARY DEPARTMENT
OTAG - ATTN: CAFE, #18
PO BOX 269101
SACRAMENTO, CA 958269101
Date: 08/18/1999

An upgrade compliance certificate has been issued in connection with the operating permit for the facility indicated below. The certificate number on this facsimile matches the number on the certificate displayed at the facility.

Motor Vehicle Fuel/Petroleum Tanks in Compliance:

DPW Tank No.	Owner's Tank No.	Size Gallons	Contents	Product/Fuel Type
1	01	4000	MOTOR VEHICLE FUEL	DIESEL
2	02	8000	MOTOR VEHICLE FUEL	DIESEL

TS/OTHR

E

9525-9341

TANK TEAM, INC.

Contractors License No. 512835

2745 Sherwin Ave., Unit 8, Ventura, CA 93003
Phone: (805) 658-0067 Fax: (805) 658-0069

November 23, 2001

RECEIVED
DEC 19 2001
DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

Mr. Subodh Sinha
County of Los Angeles
Department of Public Works
Environmental Programs Division
900 S. Freemont Ave.
Alhambra, CA 91803-1331

Re: California Army National Guard, Bell OMS # 6, 5300 Bandini Road, Bell CA 90201

Tank Team Inc. will be performing an inspection of the Underground/Aboveground Fuel Storage Tank Leak Monitoring System at the above referenced site on January 11, 2002 between 11:30 and 4:00. You are welcome to witness the inspection. A copy of the report will be sent to you. We will be conducting additional inspections every three months and you will be notified again of the schedule. If you require a site visit at another time please call me to schedule one.

C3 1478

Best Regards,

Bernie Olson
Project Manager

TTi TANK TEAM, INC. Contractors License No. 512835

2745 Sherwin Ave., Unit 8, Ventura, CA 93003
Phone: (805) 658-0067 Fax: (805) 658-0069

November 23, 2001

Los Angeles County Department of Public Works
Waste Management Division
900 South Freemont Avenue
Alhambra, CA 91803-1331

Re: Quarterly Monitoring System Inspection
Bell OMS # 6

Mr. Subodh Sinha:

Please accept this quarterly monitoring system inspection report for the underground storage tanks (UST) at the above referenced site. The UST monitoring system was in compliance on the date inspected.

Inspection date:	November 23, 2001
Repairs performed:	None.
Site address:	Bell OMS # 6 5300 Bandini Road, Bell, CA 90201
Site contact:	SGT Chapula
Site phone:	1-323-264-1583
Site fax:	same
Armory phone:	1-323-262-8444
Shop chief:	WO-1 Carson
Regulator address:	County of Los Angeles Department of Public Works Waste Management Division 900 S. Fremont Ave. Alhambra, CA 91803-1331
Regulator contact:	Subodh Sinha
Regulator phone:	626-458-3515
Regulator fax:	626-458-3569
Permit number:	11245 (expires: 4-20-01)

Blue sticker No.	21981
Underground tanks:	
Tank # 1:	4,000 gallon JP-8 double walled fiberglass coated steel tank installed in 1986, with double walled fiberglass suction piping.
Tank # 2:	8,000 gallon JP-8 double walled fiberglass coated steel tank, installed in 1986, with double walled fiberglass suction piping.
Above ground tanks:	One waste oil in good condition.
Pump # 1:	New Gasboy model 9153A Serial # 484475.
Pump # 2:	New Gasboy model 9153S Serial # 484480.
Pump calibration:	OK
Monitoring system:	Veeder Root ILS 350, FORM NO. 0845090-001 SE NO. 41132258105019, system is functional.
Sensors:	Six tri-state liquid sensors.
Overspill boxes:	Boxes were cleaned, functional and 95% overfill valve equipped.
Seals:	A card with emergency contact information was posted on the monitoring panel.
Historical data:	Fuel use data sheets are not included.
Spill response plan:	Yes (adequate)
Emergency shutdown plan:	Yes (adequate)
Regulator on site:	None
TTI inspector on site:	Hector Galindo
CA ARNG staff on site:	WO-1 Carson

If I can provide you with any more information call me at 805-658-0067 or 806-432-0216 cell.

Best Regards,

Bernie L. Olson
Project Manager

9525-9341

RECEIVED

AUG 1 7 1999

DEPARTMENT OF PUBLIC WORKS
ENVIRONMENTAL PROGRAMS DIVISION

TTi **TANK TEAM, INC.**

Contractors License No. 512835

2745 Sherwin Ave., Unit 8, Ventura, CA 93003
Phone: (805) 658-0067 Fax: (805) 658-0069

August 12, 1999

Mr. Subodh Sinha
County of Los angeles
Department of Public Works
Environmental Programs Division
900 S. Freemont Ave.
Alhambra, CA 91803-1331

Re: California Army National Guard, 5300 Bandini Road, Bell, California.
Application Number 258587

Dear Mr. Sinha:

Please accept this letter as a request to issue a "Blue Sticker" to this facility. Enclosed are copies of the Electronic Leak Detection Certification performed by Tank Team and the Tank and Line Test results performed by Central Coast Tank Testing. If you need any more information please call 805-658-0067, 805-432-0218 cell or 805-662-8776 pager.

Best Regards,

Bernie Olson
Project Manager

C 265825

9525-9341 Page 1 of 2

UNDERGROUND TANK PROGRAM
ELECTRONIC LEAK DETECTION SYSTEM CERTIFICATION

Facility Name: California Army National Guard, Bell OMS

Site Name and Address: 5300 Bandini Rd

City: Bell, CA 90201 Certification Date: 5-27-99

Certified By: Bernie Olson 76641727 Telephone #: 805-658-0067

Co. Name and Address: Tank Team Inc, 2745 Sherwin Ave, Unit 8
Ventura, Ca 93003 FAX 805-658-0069
MFR Veeder Root ILS-350

FOR ALL TANK SYSTEMS

MONITORING DEVICE

Sensors are located for earliest leak detection — Yes X No___

The pump system shuts down automatically if the continuous monitoring system fails or is electrically disconnected (Failsafe). — Yes X No___

Circuit breaker panel switch for the monitoring system is properly identified. — Yes X No___

System meets manufacturer's certified performance standards. — Yes X No___

EMERGENCY SHUTOFF SWITCH NA 1

The emergency shutoff switch is properly labeled and functioning. — Yes X No___

FUEL TANKS

DOUBLE WALLED TANK(S) NA 2

Annular space sensor demonstrated positive pump shut down and activated both visual and audible alarms. — Yes X No___

SINGLE WALLED TANK(S) NA_____

Vadose or ground water monitoring sensor(s) demonstrated positive pump shut down and activated both visual and audible alarms in the presence of fuel vapors. The leak detection system is set to the maximum sensitivity possible without activating the alarm. — Yes___ No___

-OR-

Automatic tank gauging system demonstrated positive pump shut down and activate both audible and visual alarms. (Also required for continuous automatic tank gauging systems.) — Yes___ No___

Automatic tank gauging system is programmed to automatically test the tank(s) at least monthly and is capable of detecting a release of 0.2 gallons per hour. — Yes___ No___

*** CERTIFICATION COPY DUE WITHIN 30 DAYS OF CERTIFICATION DATE ***

California Army National Guard, Bell, CA

DOUBLE WALLED PIPING Suction X NA 2 Pressurized_____

The piping sump sensor demonstrated positive pump shut down and activated both audible and visual alarms. Yes X No__

-OR- Yes X No__

~~Piping trench low point sump sensor demonstrated positive pump shut down and activated both audible and visual alarms.~~ Yes X No__

Dispenser containment sensors or floats demonstrated positive pump shut down or dispenser shut down and activated both audible and visual alarm. Yes__ No__

SINGLE WALLED PIPING NA_____

Pressurized_____

Electronic line leak detection system demonstrated positive pump shut down and activated both audible and visual alarms during the 0.2 gallon per hour leak test. Yes__ No__

Suction_____

Suction pipelines functioned properly (i.e., they did not indicate the presence of air in the lines as evidenced by skipping or jumping of the meter display, failure to deliver fuel, drastic changes in pump speed, or erratic flow). Yes__ No__

WASTE OIL TANK

Remote fill/overfill alarm is set to alarm at 90%, and audible and visual alarms can be heard at remote fill point. Yes__ No__

SINGLE WALLED TANK NA_____

Automatic in tank gauging system is set to conduct monthly 0.2 gallon per hour tank tests and activates both audible and visual alarms. Yes__ No__

DOUBLE WALLED TANK NA_____

Both annular and sump sensors activated both visual and audible alarms. Yes__ No__

BACK-UP GENERATOR TANK

SINGLE WALLED TANK NA_____

Automatic in tank gauging system is set to conduct monthly 0.2 gallon per hour tank tests and activates both audible and visual alarms. Yes__ No__

-OR-

Vadose or ground water monitoring sensors activated both audible and visual alarms. Yes__ No__

DOUBLE WALLED TANK NA_____

Both annular and sump probes activated both visual and audible alarms. Yes__ No__

*** CERTIFICATION COPY DUE WITHIN 30 DAYS OF CERTIFICATION DATE ***

9525-9341

CCTT Central Coast Tank Testing

Division of Baseline Enterprises
Post Office Box 2155
Santa Barbara, CA 93120

Phone 805.687.6640
Fax 805.687.0883

COPY

August 10, 1999

Mr. Rich Maertz
Tank Team Inc.
2745 Sherwin Ave. #8
Ventura, CA 93003

Dear Mr. Maertz ,

The purpose of this letter is to report the testing results at California National Guard, 5300 Bandini, Bell, Ca. on Tuesday, August 10, 1999.

The system used to test this location is the UST 2000 Tank Testing System. This UST 2000 Tank Testing System meets current USEPA standards mandated in the California Underground Storage Tank Regulations. The quanitative rate obtained is an evaluation confidence tolerance, rather than a permissible leak rate. CCTT assumes no responsibility for product leakage. Our responsibility extends only to testing of tanks as tight or not tight,as of the date and levels tested.

Tank Data Test File #1279

	Tank #1	Tank #2	Tank #3	Tank #4
Product	Diesel 2	Diesel 2		
Tank Volume	4000	8000		
Product Level	73"	83"		
DiffVol (gal/in)	45.28	78.95		

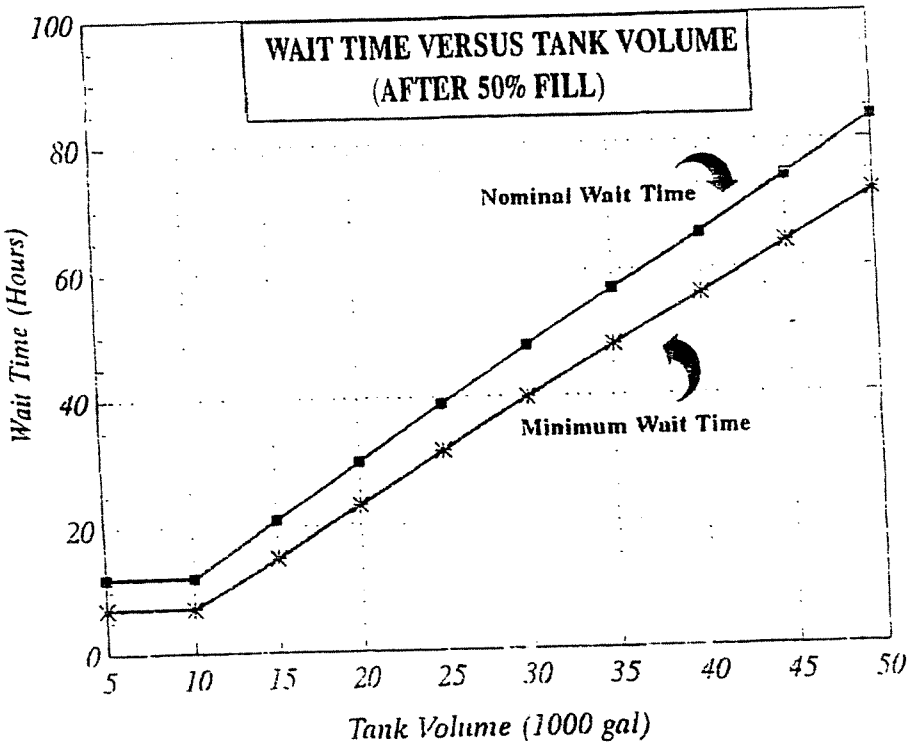
Test Data Results

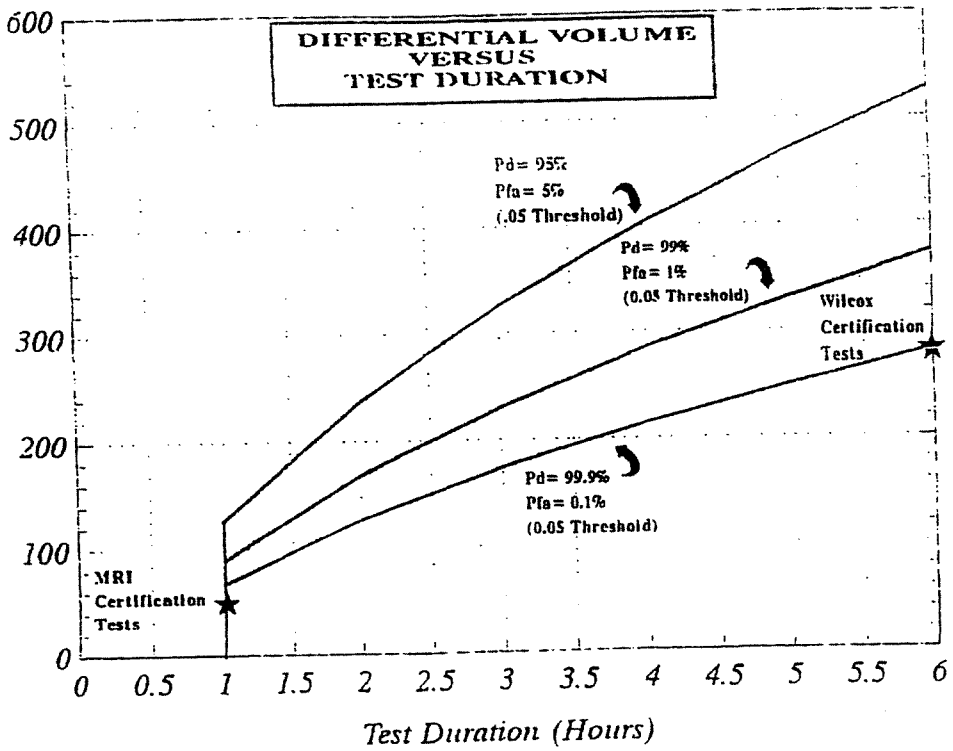
Tank #1 Wet portion tested Tight in State Compliance. Rate: -0.03010 gph
Line #1 tested within Petrotite criteria. Pass.

Tank #2 Wet portion tested Tight in State Compliance. Rate: +0.38797 gph
Line #2 tested within Petrotite criteria. Pass.

Respectfully submitted,
Robert P Hankenson
Robert P. Hankenson
Central Coast Tank Testing
CA90-1169

Charles Myers
Field Technician


WAIT TIME VERSUS TANK VOLUME
(AFTER 50% FILL)
Nominal Wait Time
Minimum Wait Time
Wait Time (Hours)
Tank Volume (1000 gal)
0
20
40
60
80
100
5
10
15
20
25
30
35
40
45
50


DIFFERENTIAL VOLUME
VERSUS
TEST DURATION
Pd= 95%
Pfa= 5%
(.05 Threshold)
Pd= 99%
Pfa= 1%
(0.05 Threshold)
Wilcox
Certification
Tests
Pd= 99.9%
Pfa= 0.1%
(0.05 Threshold)
MRI
Certification
Tests
Test Duration (Hours)
0
100
200
300
400
500
600
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
5.5
6

CENTRAL COAST TANK TESTING
P. O. BOX 2155, SANTA BARBARA, CA 93120
LINE TESTING FORM
SYSTEM USED: PetroTite

Date	8/10/00
Arrival Time	
Departure Time	
CC or WA #	

CUSTOMER INFORMATION		TEST SITE LOCATION
Name		California National Guard
Address		5300 Damini
City /State /Zip		Bell, CA
Contact Person		
Telephone		
Reason for Test/Requested by		Weather Conditions
Criteria: +/-0.01gph@1-1/2x or +/-0.025gph@15psimax		Tank Temps
Type of Pumps Gasboy suction		Driveway Surface/Burial Depths
Special Instructions		TESTING PERFORMED BY:
Purge/Lines/Precheck Calibration		Robert P Hanhenson

LINE	TIME	TEST LOG COMMENTS	PRESSURES BEFORE	PRESSURES AFTER	VOLUMES BEFORE	VOLUMES AFTER	NET CHG	REMARKS
								used manifold
DS11		Start Test	—	12	—	0270		
		#1	12	12	0270	0270	0000	
		#2	12+	12	0280	0290	+0010	+0045gph
		#3	14	12	0305	0320	+0015	meets criteria
		#4		12	0330	0350	+0020	
DS12		Start Test	—	12	—	0270		
		#1	12+	12	0270	0280	+0010	-0045gph
		#2	12+	12	0290	0305	+0015	meets criteria
		#3	12+	12	0310	0330	+0010	
		#4	12+	12	0350	0360	+0010	
		BB #1			0500	0720	+0220	RPBOX
		#2			0360	0500	+0140	

Appendix I-VI

City of Vernon Environmental Health Department, De Witt Facility

Converse Environmental Consultants California

67 West Bellevue Drive
Suite B
Pasadena, California 91105-2501

Telephone 818 / 796-8200

RECEIVED

MAR 02 '89

HEALTH AND ENVIRONMENTAL
CONTROL SECTION

EXPANDED ENVIRONMENTAL INVESTIGATION

DE WITT MAIL SERVICES FACILITY
4528 BANDINI BOULEVARD
VERNON, CALIFORNIA 90033

Prepared For

De Witt Mail Services
4528 Bandini Boulevard
Vernon, California 90033

CECC Project No. 87-41-266-01

February 23, 1989

A Wholly Owned Subsidiary of
The Converse Professional Group

Converse Environmental Consultants California

67 West Bellevue Drive
Suite B
Pasadena, California 91105-2501

Telephone 818 / 796-8200

RECEIVED

MAR 02 '89

HEALTH AND ENVIRONMENTAL CONTROL SECTION

February 23, 1989

De Witt Mail Services
4528 Bandini Boulevard
Vernon, California 90033

Attention: Mr. W. W. De Witt

Subject: EXPANDED ENVIRONMENTAL INVESTIGATION
De Witt Mail Services Facility
4528 Bandini Boulevard
Vernon, California
CECC Project No. 87-41-266-01

Enclosed is our report of the expanded environmental investigation of the above-referenced property. The investigation was conducted to assess the nature of soil contamination identified during a previous environmental assessment of the site conducted by Converse Environmental Consultants California (CECC). The scope of the investigation was structured pursuant to requirements set forth by the Vernon Health and Environmental Control Section in their July 19, 1988 letter.

Elevated levels of both fuel and petroleum hydrocarbons were detected in samples from borings BH-1 and BH-2. The underground storage tanks and associated piping adjacent to the borings appear to be the source of the contamination.

Elevated levels of total petroleum hydrocarbons were detected in the sample obtained at 5 feet in boring BH-5. Depth of chemical influence from surface spillage in this area is not expected to extend much greater than 5 feet.

Permitting procedures for closure of the clarifier have been initiated by CECC.

This opportunity to be of service is appreciated. Should you have any questions or comments regarding the enclosed report, please do not hesitate to call.

Sincerely,

CONVERSE ENVIRONMENTAL CONSULTANTS CALIFORNIA

Wm E. Pickens

William E. Pickens
Senior Geologist

Malcolm E. Cloyd
Vice President

WEP/MEC:87ii

TABLE OF CONTENTS

	Page
LIST OF ILLUSTRATIONS	i
PROFESSIONAL CERTIFICATION	ii
1.0 INTRODUCTION	1
2.0 SITE DESCRIPTION	1
3.0 PROJECT HISTORY	1
4.0 EXPLORATION AND SAMPLING	2
5.0 ANALYTICAL TESTS AND RESULTS	3
6.0 SUMMARY AND CONCLUSIONS	4

FIGURES

TABLES

APPENDIX A - BORING LOGS

APPENDIX B - ANALYTICAL RESULTS

LIST OF ILLUSTRATIONS

Figures	Title
1	Site Location Map
2	Site Plan and Boring Locations

Tables	Title
1	Analytical Results of BH-1 and BH-2

PROFESSIONAL CERTIFICATION

Prepared by CECC under the professional supervision of the person whose seal and signature appear hereon.

Lester J. LaFountain, Ph.D.
Vice President

This report has been prepared for the exclusive use of De Witt Mail Services as it pertains to the property at 4528 Bandini Boulevard, Vernon, California. Our services have been performed in accordance with applicable County ordinances and generally accepted practices in the geosciences. No other warranty, either express or implied, is made.

Converse Environmental Consultants California (CECC) is not responsible or liable for any claims or damages associated with interpretation of available information. This report should not be regarded as a guarantee that no further contamination, beyond that which was detected in our investigation, is present beneath the property. In the event that changes in the nature of the property occur or additional, relevant information about the property is brought to our attention, the conclusions and recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the conclusions of this report are modified or verified in writing.

1.0 INTRODUCTION

This report presents the findings of the expanded environmental investigation conducted on the property at 4528 Bandini Boulevard, Vernon, California. The purpose of the investigation was to assess the degree and nature of soil contamination identified during a previous environmental assessment of the site conducted by Converse Environmental Consultants California (CECC). The scope of expanded investigation has been structured pursuant to the requirements specified by the Vernon Health and Environmental Control Section in their July 19, 1988 letter.

2.0 SITE DESCRIPTION

The property is an "L" shaped parcel located on the south side of Bandini Boulevard, just west of the Long Beach Freeway in an industrial section of the City of Vernon, California (Figure 1). The site is essentially level, and situated at an elevation of approximately 152 feet above mean sea level.

The property is presently used as a truck storage and repair yard. Improvements at the site include office buildings, a parts storage building, and a covered vehicle repair area. The site also contains three underground fuel storage tanks, as well as above-ground oil, waste oil, and fuel oil tanks. Numerous 55-gallon steel drums are located at various areas about the property (see Figure 2).

3.0 PROJECT HISTORY

On August 28, 1987, CECC conducted a subsurface investigation as part of an underground storage tank monitoring program at the subject property. Four soil test borings were drilled adjacent to the underground fuel tanks and composite soil samples were analyzed as part of this investigation. Fuel hydrocarbon concentrations were detected in sample composites at levels up to 125 parts per million (ppm).

In response to an April 18, 1988 request by the city of Vernon, a preliminary environmental site assessment was performed by CECC to assess other areas of potential environmental concern on the property. Areas of concern identified in our June 10, 1988 report included soil contamination adjacent to the three underground tanks, an underground clarifier and areas of surficial spillage. A tentative program of expanded exploration was outlined in the report. At the client's request, the city of Vernon's Health and Environmental Control Section reviewed and approved CECC's site assessment report and included its own recommendations. Their recommendations included addressing the clarifier permit status in CECC's report and compositing the soil samples for pesticide and PCB analysis. This report presents the results of our investigation.

4.0 EXPLORATION AND SAMPLING

On December 6, 1988, eight borings were drilled using a hollow-stem auger at the locations shown on Figure 2. Borings BH-1 and BH-2 were drilled adjacent to underground storage tanks to depths of 40 feet and 45 feet, respectively. Boring BH-3 was drilled to a depth a 15 feet below grade adjacent to the clarifier. Five shallow borings, BH-4 through BH-8, were drilled to depths of 5 feet below grade. Samples were collected at 5 foot intervals in borings BH-1 through BH-3. In borings BH-4 through BH-8, samples were obtained at 6 inches and 5 feet below grade.

All samples were retrieved with a modified California Sampler using brass sleeves to retain soil. Samples were immediately capped with Teflon and refrigerated for transport to a state-certified laboratory following Environmental Protection Agency (EPA) protocol, including chain-of-custody protocol. Sampling equipment was cleaned with Alconox (TSP) and water between sampling locations to prevent possible cross-contamination.

All drilling and sampling operations were supervised by a Converse geologist who prepared logs of all borings (Appendix A). Soil cuttings were monitored in the field with an organic vapor analyzer (OVA).

Soils beneath the site consist primarily of gray and brown sand and silty sand with trace gravel. Organic vapors up to 50 parts per million (ppm) were measured in soil cuttings at 10 feet and 15 feet below grade in boring BH-1 and up to 5 ppm at 10 feet, 15 feet, and 20 feet in boring BH-2. Soil cuttings from borings BH-3 through BH-8 had OVA readings of less than 1 ppm.

5.0 ANALYTICAL TESTS AND RESULTS

Samples from borings BH-4 through BH-8 were discretely analyzed for total petroleum hydrocarbons by EPA Test Method 418.1. The 0.5 foot sample from boring BH-7 was also analyzed by EPA methods 8080 (pesticides and PCBs), 8240 (volatile organics), 8270 (semivolatile organics) and for California Administrative Code (CAC) metals. The 10 foot sample from boring BH-3, which was located adjacent to the clarifier, was analyzed by EPA methods 8015 (total fuel hydrocarbons), 8080 (pesticides and PCBs), 8240 (volatile organics), 8270 (semivolatile organics) and for CAC metals. Soil samples collected from borings BH-1 and BH-2, located adjacent to the underground storage tanks, were analyzed by EPA methods 8015 and 418.1 and total organic lead by an Inductively Coupled Plasma Mass Spectrometer.

Elevated levels of both fuel and petroleum hydrocarbons were detected in samples from borings BH-1 and BH-2 which were located adjacent to the underground tanks. A summary of the analytical results of BH-1 and BH-2 is shown on Table 1.

Laboratory testing of the 5 foot sample from boring BH-5 measured levels of total petroleum hydrocarbons of 3200 ppm. Low levels of CAC metals were detected in samples obtained at 10 feet in BH-3 and at 0.5 feet in BH-7. No contaminants were detected in the samples from borings BH-4, BH-6, and BH-8. See Appendix B for analytical data.

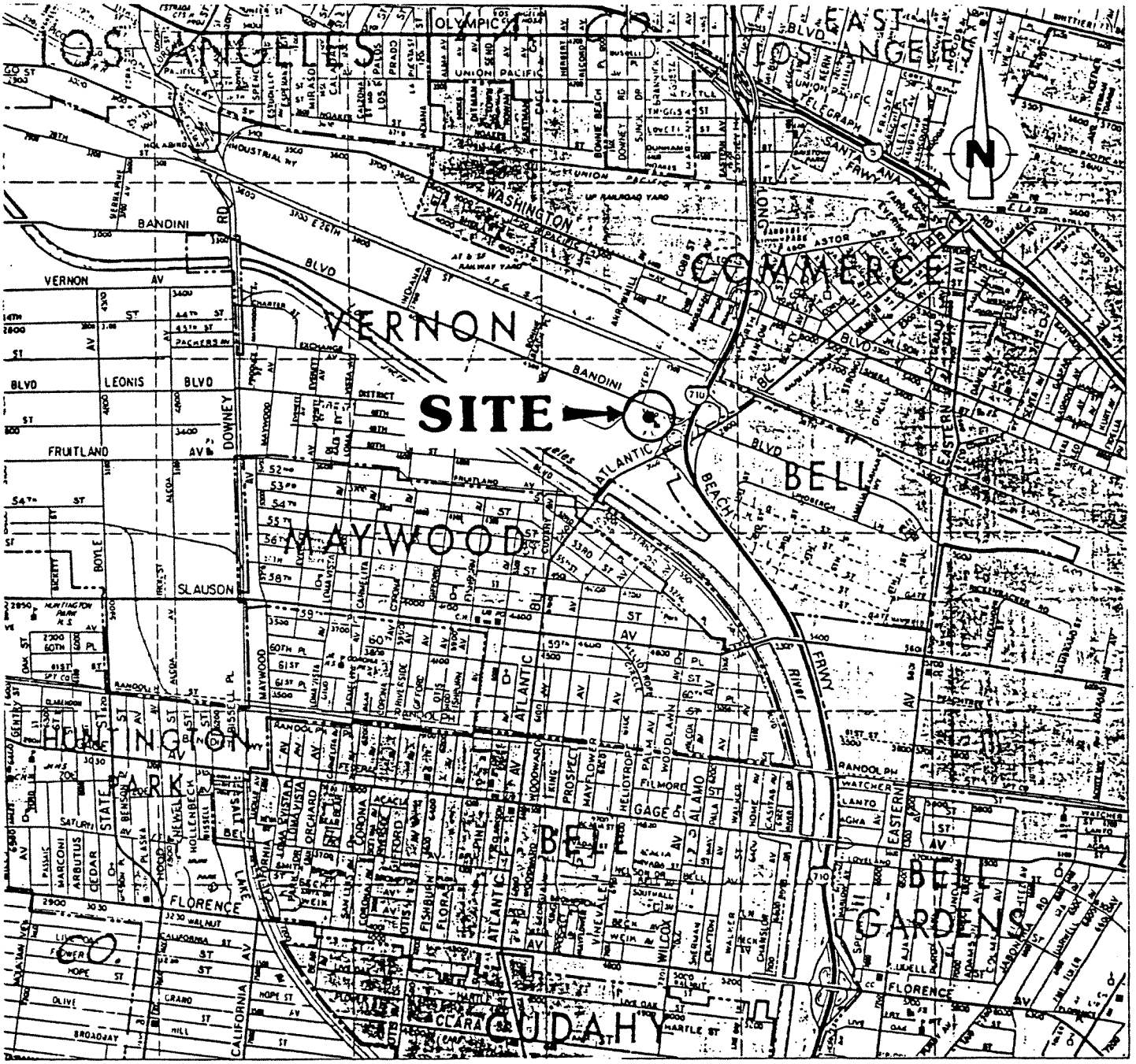
6.0 SUMMARY AND CONCLUSIONS

Elevated levels of both fuel and petroleum hydrocarbons were detected in samples from borings BH-1 and BH-2 located adjacent to underground tanks on the property. The underground fuel storage tanks and associated piping adjacent to the borings are most likely the source of the contamination. We recommend that the underground tanks and associated piping be inspected for structural integrity. Further, expanded exploration should be conducted to assess the lateral and vertical extent of contamination.

Stained surficial soils appear to be limited to the upper 6 inches except in the vicinity of boring BH-5. Oil contamination is not expected to extend much greater than 5 feet adjacent to boring BH-5. Oil contaminated soils should be segregated and disposed of in accordance with state and local regulations.

No subsurface contamination was detected adjacent to the subgrade clarifier. Permitting procedures for closure of the clarifier have been initiated by CECC.

FIGURES



REFERENCE:
Thomas Brothers Guide, Los Angeles County, 1987 edition, page 53.

0 0.5 1
SCALE IN MILES

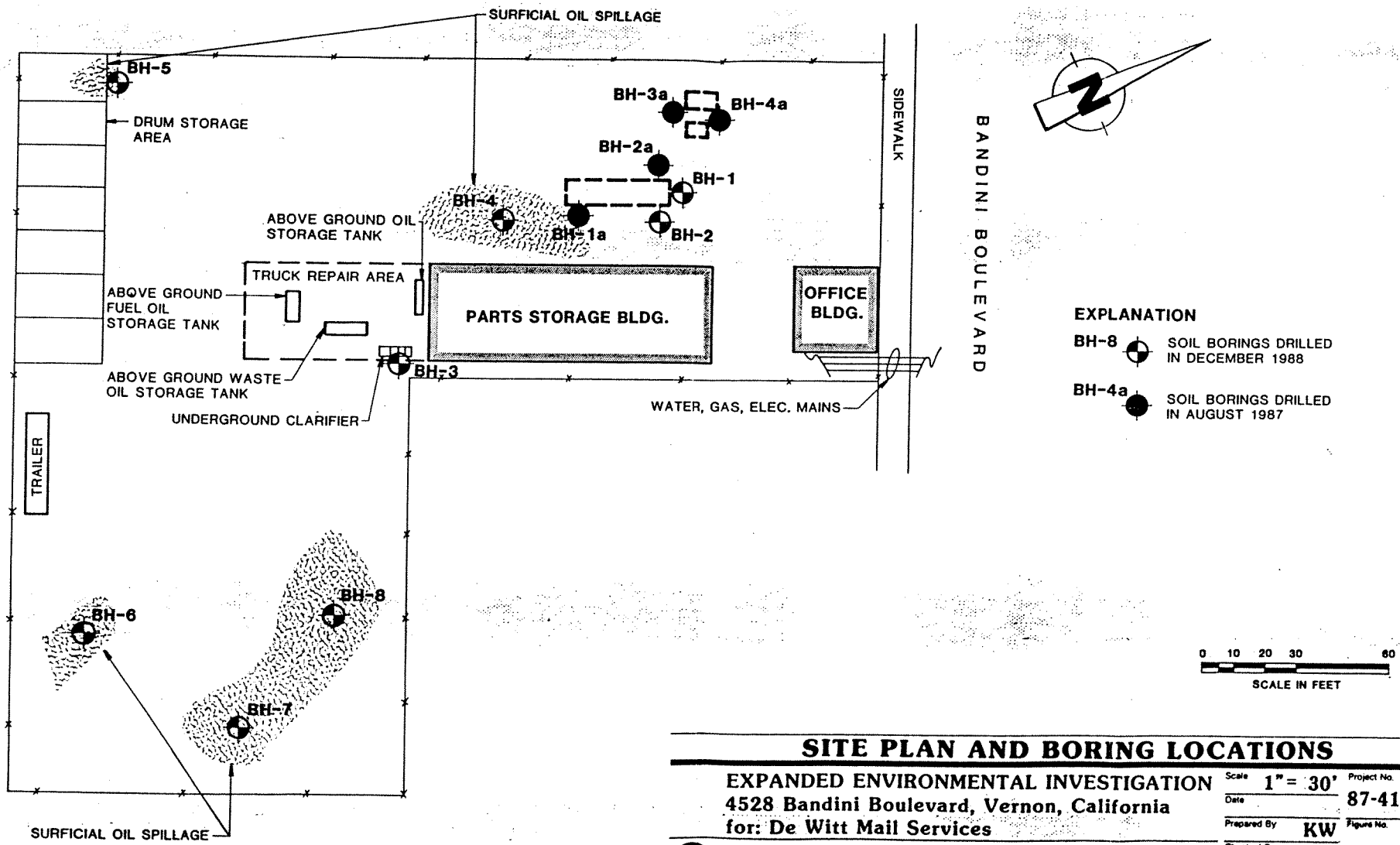
SITE LOCATION MAP

EXPANDED ENVIRONMENTAL INVESTIGATION
4528 Bandini Boulevard, Vernon, California
for: De Witt Mail Services

Project No.
87-41-266-01

Figure No.
1

Converse Environmental Consultants California



SITE PLAN AND BORING LOCATIONS

EXPANDED ENVIRONMENTAL INVESTIGATION
4528 Bandini Boulevard, Vernon, California
for: De Witt Mail Services

Converse Environmental Consultants California

Scale	1" = 30'
Date	
Prepared By	KW
Checked By	MKG
Approved By	WEP
Project No.	87-41-266-01
Figure No.	2

MODERN PASADENA BLUEPRINT / 99934

CITY COUNCIL

LEONIS C. MALBURG, *Mayor*
THOMAS A. YBARRA, *Mayor Pro-Tem*
Wm. "BILL" DAVIS
H. "LARRY" GONZALES
W. MICHAEL McCORMICK

TELEPHONES

CITY CLERK.....583-8811
POLICE DEPT.....587-5171
FIRE DEPT.....583-4821
BUILDING DEPT.....583-8811
PUBLIC WORKS DEPT.....583-8811
HEALTH DEPT.....583-8811

CITY HALL

OFFICERS

BRUCE V. MALKENHORST,
City Administrator/City Clerk

DAVID B. BREARLEY,
City Attorney

VICTOR H. VAITS,
Director of Community Services

LEWIS R. ADAMS,
Director of Water & Power

LARRY SPADT,
Fire Chief

AL ESPINOZA,
Police Chief

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058
HEALTH AND ENVIRONMENTAL CONTROL SECTION

In Reply Refer to:

CERTIFIED MAIL

DeW

NOTICE OF OFFICE HEARING

DATE: April 12, 1989

THE DISTRICT ATTORNEY'S OFFICE HAS SCHEDULED AN OFFICE HEARING REGARDING ALLEGATIONS OF CRIMINAL MISCONDUCT CITED BELOW:

ACCUSED: De Witt Mail Services, Inc.
W.W. De Witt

COMPLAINANT: City of Vernon

CRIME: Failure to comply with City of Vernon Ordinance #944, Underground Storage of Hazardous Substances
AT: 4528 Bandini Boulevard, Vernon CA

HEARING-DATE/TIME: May 16, 1989; Tuesday; 1:30 P.M.

LOCATION: District Attorney's Office
6544 Miles Avenue
2nd Floor, Police Building
Huntington Park, CA 90255

All parties are directed to appear at the hearing before the District Attorney's Hearing Officer to determine whether a criminal complaint should be issued.

Please bring this notice and any documents or witnesses that you deem necessary to assist this office in reaching a determination in the matter.

IRA REINER
District Attorney

By

Jim Sciarra
Hearing Officer

MORGAN, LEWIS & BOCKIUS
COUNSELORS AT LAW
801 SOUTH GRAND AVENUE
TWENTY-SECOND FLOOR
LOS ANGELES, CALIFORNIA 90017-4615
TELEPHONE (213) 612-2500
FAX (213) 612-2554

PHILADELPHIA
LOS ANGELES
MIAMI
LONDON
FRANKFURT

WASHINGT
NEW YORK
HARRISBU
SAN DIEGC
BRUSSELS
TOKYO

ROSEANN C. STEVENSON
DIAL DIRECT (213) 612-2566

December 16, 1990

Mr. Dan Downing
City of Vernon
Health Department
4305 Santa Fe Avenue
Vernon, California 90058

Re: DeWitt Property
4528 East Bandini Boulevard
Vernon, California

Dear Mr. Downing:

This letter will confirm our recent conversation regarding the above-referenced property. As we discussed, our client, Watkins Motor Lines, Inc. ("Watkins") owns and operates the property adjoining the DeWitt parcel. Watkins is understandably concerned about potential contamination of its own property emanating from the DeWitt property given the substantial excavation undertaken to remove the underground storage tanks, clarifier, and hydrocarbon contamination at the DeWitt property.

As you advised me, and as the file appears to indicate, samples taken on the west side of the tank removal detected no hydrocarbons (except possibly for sample P18 or P1B.) This sample appears to contain over 2000 ppm TPH although the document copies I have are illegible in part. I have attached those copies and would appreciate your either confirming or correcting my reading.

Given the fact that the samples taken at the western edge of the tanks did not detect hydrocarbon contamination (with the possible exception of P18 or P1B) you have advised me that the Health Department had not required further sampling on that side as of the date we spoke, but that you might require a few samples on the west side to confirm lack of hydrocarbon migration. If in fact further samples have been taken on the west side of the DeWitt property, please advise me as I would like to obtain copies of the results.

It is further my understanding from our phone conversation that the investigation your department directed on the DeWitt property showed hydrocarbon contamination ceased at a level well above the groundwater at the site and, therefore, there is no present indication of groundwater contamination from the property.

As we discussed, Watkins is also concerned about potential hydrocarbon contamination emanating from the south and southwest areas of the DeWitt property, which have not yet been remediated. As the attached site plans show, these areas exhibit visible hydrocarbon staining, are currently being used for storage of contaminated excavation spoils, and were formerly used for drum storage. In fact, Watkins has previously complained to DeWitt about hydrocarbon spillage in those areas. In order to ensure that no contamination has migrated from the DeWitt property we strongly encourage, and hereby respectfully request, that adequate sampling be required during the planned cleanup of those areas sufficient to demonstrate no migration of contaminants.

We would also like confirmation from the Health Department that there is no indication of, or need to test for, anything other than hydrocarbon contamination at the DeWitt property. Finally, we would like to obtain a copy of the DeWitt Tank Closure Report when it is submitted and would appreciate if you will notify us when it becomes available.

Thank you very much for your continued assistance and courtesy and for your time and attention to the matters addressed herein.

Please feel free to contact me at (213) 612-2566.

Sincerely,

Roseann Stevenson

Roseann C. Stevenson

RCS/mm
Enclosures
cc: Tim Hyten
E. Sisco
J. Trytek

MORGAN, LEWIS & BOCKIUS
COUNSELORS AT LAW
801 SOUTH GRAND AVENUE
TWENTY-SECOND FLOOR
LOS ANGELES, CALIFORNIA 90017-4615
TELEPHONE: (213) 612-2500
FAX: (213) 612-2554

PHILADELPHIA
LOS ANGELES
MIAMI
LONDON
FRANKFURT

WASHINGTON
NEW YORK
HARRISBURG
SAN DIEGO
BRUSSELS
TOKYO

JOHN TRYTEK
DIAL DIRECT (213) 612-1180

RECEIVED
FEB 26 1991
HEALTH AND ENVIRONMENTAL CONTROL SECTION

February 25, 1991

28807.008

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Dan Downing
City of Vernon Health Department
4305 Sante Fe Avenue
Vernon, California 90058

Re: DeWitt Property
4528 East Bandini Boulevard
Vernon, California

Dear Mr. Downing:

We have obtained the most recent copies of environmental reports concerning the above-referenced property from the Community Services Office, the Fire Department, and the Health Department. As we discussed with you in our letter of December 16, 1990, we represent Watkins Motor Lines, Inc. ("Watkins") which owns and operates the property adjoining the DeWitt parcel. After reviewing the new environmental reports, we are still concerned about the potential migration of contamination from the DeWitt parcel to the Watkins property.

In our letter of December 16, 1990 we asked you to confirm and clarify several aspects of the contamination on the DeWitt property, including the following:

(1) That samples on the west side contained no hydrocarbons;

(2) Whether or not any additional testing was conducted on the west side of the property to determine whether any lateral migration had occurred;

(3) That none of the contamination on the DeWitt property had reached the groundwater;

(4) That contamination from the south and southwest areas of the DeWitt property was not migrating to the Watkins property;

(5) That DeWitt's previous dumping of oil and/or barrel rinseate on the southeast side of the property had not contaminated the Watkins property; and

(6) That TCE or PCE testing was performed under the clarifier located on the DeWitt property.

We have reviewed what appears to be the environmental tank closure report for the DeWitt property. The testing diagrams in that report seem to show an extensive series of tests being performed on the north and east side of the excavation (the side adjacent to the City's Fire Department property). However, we were disappointed to discover that it appears that no additional lateral testing was performed on the west side of the excavation which abuts the Watkins property.

We believe the testing in this regard is at best inconclusive, and does not demonstrate that DeWitt's contamination did not migrate in a westerly direction to the Watkins property. We are currently reviewing our options regarding this matter and strongly suggest that Mr. DeWitt be required to perform additional borings immediately adjacent to our client's property to determine whether or not the diesel contamination migrated in a westerly direction to the Watkins property. We are concerned that the omission of these tests in your required environmental assessment reports and the failure to take west side wall samples during the backfilling of the excavation avoided the possible discovery of contamination migration to the Watkins property. Please understand that should we discover any migration of the contamination from the DeWitt property to the Watkins property, we will seek to recover any remediation and testing costs from Mr. DeWitt or any future owners of the property.

For your convenience, I have attached a copy of our December 16, 1990 letter to you discussing our client's concerns regarding the property and

possible migration of contamination on the Watkins property. Since the copies of the environmental reports we have seem inconclusive, I would like to schedule a meeting with you to review the latest environmental reports. If you have any questions or comments regarding the above, please give me a call.

Very truly yours,

John E. Trytek

JET:jej
Enclosure

cc: Tim Hyten
Eric A. Sisco, w/o encl.
Roseann C. Stevenson, w/o encl.

RECEIVED
MAR 18 1991
AND ENVIRONMENTAL
NTROL SECTION

COPY

CITY COUNCIL

LEONIS C. MALBURG, *Mayor*
THOMAS A. YBARRA, *Mayor Pro-Tem*
Wm. "BILL" DAVIS
H. "LARRY" GONZALES
W. MICHAEL McCORMICK

TELEPHONES

CITY CLERK 583-8811
POLICE DEPT. 587-5171
FIRE DEPT. 583-4821
BUILDING DEPT. 583-8811
PUBLIC WORKS DEPT. 583-8811
HEALTH DEPT. 583-8811

CITY HALL

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058

OFFICERS

BRUCE V. MALKENHORST,
City Administrator/City Clerk

DAVID B. BREARLEY,
City Attorney

VICTOR H. VAITS,
Director of Community Services

LEWIS R. ADAMS,
Director of Water & Power

LARRY SPADT,
Fire Chief

LOUIS ROSENKRANTZ
Police Chief

In Reply Refer to:

March 14, 1991

John E. Trytek, Esq.
Morgan, Lewis & Bockius
801 South Grand Avenue, Twenty-Second Floor
Los Angeles, California 90017-4615

Re: DeWitt Property

Dear Mr. Trytek:

Your letter of February 25, 1991, to Mr. Dan Downing of the City of Vernon Health Department has been referred to this office for review and reply.

While we can understand and appreciate your client's concern as expressed in referenced letter, we believe the concern to be adequately addressed by the testing and documentation undertaken in connection with the subject site remediation.

The clean-up standards applied to the subject site were based on the State of California Leaking Underground Fuel Tank Document as well as past documentation of the existence of shallow ground water in the area. A standard of less than 100 parts per million total petroleum hydrocarbons was applied as a goal for the clean-up.

Over 100 soil samples were taken during the project. Many of the on-site sampling points were at the direction of, and witnessed by, members of Vernon's Health & Environmental Control Department. Both mobile and off-site permanent state certified laboratories performed laboratory testing. Reports of laboratory analyses were periodically submitted during the project to Vernon's Health & Environmental Control Department for review and approval.

The final tank removal/geologic report dated January 10, 1991, was submitted by PIC Engineering Services. The report is signed by J. T. Hersch, California registered geologist No. 4082 and includes the following conclusions:

1. The site no longer contains any soil known to be contaminated with any hazardous material.

2. PIC recommends closure of the site with no further action.

Your firm has been furnished with all applicable documentation concerning the subject site remediation efforts.

In summary, in the absence of any contrary technical evidence, the City of Vernon considers the site assessment and remediation complete and concurs with the closure recommendation submitted by PIC Engineering Services.

Should you have any questions concerning this matter, kindly contact me at your convenience.

Yours very truly,

David B. Brearley

David B. Brearley
City Attorney

DBB:RJE:nc

cc: Bruce V. Malkenhorst
City Administrator

Victor H. Vaits
Director of Community Services

Norman J. Michiels
Director of Health &
Environmental Control

BUREAU OF FIRE PREVENTION

WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.)

Policy No. 1002717-90

COMPANY STATE COMP FUND

Date 8-1-90 Applicant [signature]

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License No. 517723 Lic. Class A (426198

Contractor [signature] Date 8-1-90

☐ I am exempt from the licensing requirements as I am a licensed architect or a registered professional engineer acting in my professional capacity (Section 7051, Business and Professions Code).

Lic. or Reg. No. _____ Date _____

OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Section 7031.5, Business and Professions Code):

☐ I, as owner of the property, will do the work and the structure is not intended or offered for sale (Section 7044, Business and Professions Code). Complete Declaration on Back of This Sheet.

CONSTRUCTION LENDING AGENCY

I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____

Lender's Address _____

CERTIFICATION

I certify that I have read this application and state that the above information is correct. I agree to comply with all County ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

x [signature] x 8-1-90

Signature of Permittee Date

JOB ADDRESS: 4528 BANdini Blvd 264-7601

OCCUPANT: DE WITT TRUCKING PHONE NO.

OWNER'S NAME:

OWNER'S ADDRESS: 4528 BANdini Blvd CITY: VERNON ZIP: 90040-2095

REG. FIRE PROTECTION ENGR. STATE LIC. NO. PHONE

CONTRACTOR: B+B CONST. PHONE 805 257-4728

CONTRACTOR'S ADDRESS: 27625 FANTASTIC LANE CITY: CASTAIC ZIP: 91310

LAST PREVIOUS BLDG. USE PROPOSED BLDG. USE

DESCRIPTION OF WORK:
TANK REMOVAL
Diesel - waste oil
550, 1000, 1200 gallon
Finaling 1/23/91
Dave

REMARKS:
INTERSTATE Bldg 213-748-3000
Call Fire Prevention for all
tests and Inspections

VALUATION: $ 12730.00

SHALL BE THE TOTAL VALUE OF ALL WORK INCLUDING EQUIPMENT, MATERIAL AND LABOR.

Applicant [signature] Date 7-9-90

1) THIS FORM WHEN PROPERLY VALIDATED IS A PERMIT TO CALL FOR INSPECTION AND DOES NOT AUTHORIZE THE WORK DESCRIBED UNTIL APPROVED BY THE INSPECTOR.

2) EACH PERSON UPON WHOSE BEHALF THIS APPLICATION IS MADE AND EACH PERSON AT WHOSE REQUEST AND FOR WHOSE BENEFIT WORK IS PERFORMED UNDER OR PURSUANT TO ANY PERMIT ISSUED AS A RESULT OF THIS APPLICATION AGREES TO AND SHALL INDEMNIFY AND HOLD HARMLESS THE CITY OF VERNON, ITS OFFICERS, AGENTS AND EMPLOYEES IN ACCORDANCE WITH THE PROVISIONS OF SECTION 7.91 OF THE CODE OF THE CITY OF VERNON.

3) ANY PERMIT ISSUED AS A RESULT OF THIS APPLICATION BECOMES NULL AND VOID IF WORK IS NOT COMMENCED WITHIN ONE HUNDRED EIGHTY (180) DAYS FROM DATE OF ISSUANCE OF SUCH PERMIT.

PERMIT NUMBER: 001875 FI[illegible]ITH:

DATE: AUG 1 1990 DOUBLE FEE ☐ YES ☒ NO

EQUIPMENT TO INSPECT:	NUMBER
FIRE HYDRANTS ON-SITE	
FIRE LINE – UNDERGROUND	
FIRE SPRINKLERS – OVERHEAD	
O.H. – NO. OF HEADS	
MONITORING SYSTEM	
TANKS: ☒U.G. ☐A.G. ☐INST. ☒REM.	3
FUEL PIPING: ☐U.G. ☐A.G.	
HAZARDOUS SUBSTANCE PIPELINE	
LPG TANKS	
CHEMICAL EXTINGUISHING SYSTEMS	
☐SPRAY BOOTH ☐DIP TANK	
FIRE ALARM SYSTEM	
COMPRESSED GAS SYSTEM	
HOSE RACKS – HOSE LINES	
TANKS – OTHER	
CRYOGENS	
ROOF LOAD VERIFICATION	
OTHER – EXPLAIN	

PLAN CHECK FEE $

PERMIT FEE $ 158.—

PLANS APPROVED – FIRE: FWS 8/2/90 PLANS APPROVED – HEALTH: D Downing

APP. FOR PERMIT – FIRE DATE APP. FOR PERMIT – HEALTH: D Downing DATE 7-31-90

714/842-6331
714/842-6537 FAX

RECEIVED
JAN 16 1991
HEALTH AND ENVIRONMENTAL
CONTROL SECTION

TANK REMOVAL/EXCAVATION GEOLOGIC REPORT

FOR

DEWITT TRANSFER AND STORAGE COMPANY
4528 EAST BANDINI BLVD.
VERNON, CALIFORNIA

JANUARY 10, 1991

PIC ENVIRONMENTAL SERVICES
7261 MARS DRIVE
HUNTINGTON BEACH, CA 92647

TABLE OF CONTENTS

TEXT

Introduction.....1

Tank Removal Procedures.....2

Excavation Procedures.....4

Backfilling and Disposal Procedures.....9

Geology.....14

Laboratory Results.....14

Conclusions.....16

DISPLAYS

Figure 1: Site Location Map/U.S.G.S. Topographic Map

Figure 2: Site Sketch Map - Tank Removal

Figure 2A: Site Sketch Map - Excavation

Figure 2B: Cross Section

Figure 2C: Site Sketch Map - Backfill/Documentation Sampling

Figure 3: L.A.C.D.P.W. Groundwater Contour Map

Appendix A: Site Assessment Reports by Converse Environmental

Appendix B: Chain of Custody Record

Appendix C: Lab Data Documentation

Appendix D: Nonhazardous Waste Manifests

PIC ENVIRONMENTAL SERVICES
7261 MARS DRIVE, HUNTINGTON BEACH, CA 92647
714/842-6331 FAX: 714/842-6537

INTRODUCTION

Representatives from DeWitt Transfer and Storage Company contracted with Ben Hernandez of B and B Construction to remove from their property three (3) underground storage tanks (see Figure 1; Site Location Map). Tank removal operations were conducted Tuesday, August 7, 1990. Upon excavation, one (1) 12,000 gallon diesel tank, one (1) 1,000 gallon diesel tank, and one (1) 500 gallon waste oil/diesel tank were uncovered and removed from two separate tank pits (see Figure 2; Site Sketch Map). In addition, a clarifier located adjacent to and south of the mechanic shop was excavated and removed on August 6, 1990. In accordance with tank removal permit 001875, issued by the City of Vernon Fire Department, a total of seven (7) soil samples were recovered from under the tanks and clarifier. These samples were quantitatively analyzed to document the subsurface soil conditions. In addition, at the request of Mr. Lewis Pozzebon from the City of Vernon Health and Environmental Control Section, a total of seven duplicate soil samples were recovered as well. Because samples 1A, 1B, P1A, P1B and P1C measured elevated total petroleum hydrocarbons (TPH) concentrations of 2380 ppm, 866 ppm, 5708 ppm, 2318 ppm and 4943 ppm, respectively, excavation/deeper sampling operations began on August 8, 1990 and were terminated on November 20, 1990. A total of about 250 tons of excavated

soil were hauled to the BKK facility as nonhazardous waste under manifest conditions December 31, 1990 (Appendix D). The excavated pit has been backfilled with imported, unrestricted fill material.

Prior to tank removal operations, soil borings were drilled at this site by Converse Environmental Consultants. Please refer to Appendix A for background information provided by two Converse reports. PIC Environmental Services (PIC) was contracted (in-house job #E1714) to provide a geologist on site to: 1) conduct a visual inspection of lithology: 2) recover specified soil samples, 3) oversee subsequent laboratory testing of all soil samples; and 4) prepare this geologic report of tank removal and excavation operations. This report documents the field procedures and test results for soil samples recovered during tank removal, excavation, disposal, and backfilling operations conducted at this site between August 7, 1990 and January 2, 1991.

TANK REMOVAL PROCEDURES

Initial tank pit excavation was completed the afternoon of August 7, 1990. A backhoe was used to remove soil from above and beside three tanks (see Figure 2; Site Sketch Map- Tank Removal). After Lower Explosion Levels (LEL) registered below 10 percent in the tanks, onsite Vernon Fire Department Inspector, Francis "Walt" Sumner, allowed removal operations to continue. The tanks were loaded onto trucks by a crane and transported to an appropriate

tank disposal site. Data recovered from brass tags attached to the tanks provide the following:

SIZE	MFG	YEAR	CONTENTS	U.L. NO.
12,000 gal	N/A	N/A	Diesel	N/A
1,000 gal	N/A	N/A	Diesel	N/A
500 gal	National	1958	Diesel/ Waste Oil	497688

To facilitate transport and visual inspection for structural integrity, the sides and bottoms of the tanks were scraped to remove excess soil. All three tanks appeared in good condition with no obvious holes or cracks. Nevertheless, field evidence (visual and olfactory) indicated some petroleum hydrocarbon (diesel) contamination in the northern portion of 12000 gallon diesel tank pit. Due to the presence of a concrete slab under the 1000 gallon and 500 gallon diesel tanks, a backhoe was contracted to demolish the slab. No soil sampling was possible at this time under the two smaller tanks. After the tanks had been removed from the tank pits, PIC environmental geologist, Mr. Hamid Khorzani, recovered three (3) soil samples (P1A, P1B, P1C) from the larger pit walls at 11 feet below grade and two (2) soil samples (1A, 1B) at the depth of about 11 feet below grade under the former 12000 gallon diesel tank. In addition, two soil samples (P1, P2) were recovered at a depth of 4 feet below grade from the excavated clarifier located under a canopy (see figure 2). Each sample was collected in a glass jar, sealed with a teflon lined lid, placed on ice, and transported the following day to Geochem Laboratory for specified testing and analyses (see Appendix B; Chain of Custody). Additional soil sampling and

excavation operations were postponed to the following day.

Soil sampling and excavation resumed on August 8, 1990. Mr. Khorzani recovered four (4) soil samples (WS1-WS4) from the walls at approximately 11 feet below grade at the location of the 1000 gallon and 500 gallon diesel tanks. In addition, excavation proceeded in the southern portion of the 12000 gallon diesel tank pit. Soil sample 2B was recovered at 14' below grade (see Figure 2). All soil samples were recovered in glass jars, sealed with teflon lined lids and submitted to an onsite state certified mobile laboratory for quantitative analyses (see Appendix B: Chain of Custody). Excavation operations were terminated at 5:00 p.m.

EXCAVATION PROCEDURES

On August 9, 1990 Mr. Khorzani arrived on site to supervise excavation operations. Diesel contaminated soil was excavated from the bottom of the pit using a track-mounted "excavator" contracted from B and B Construction. Excavation continued in the southern portion of the former 12000 gallon diesel tank pit to a depth of 14 feet below grade. Soil at this depth exhibited no petroleum odor nor discoloration. Samples P1D, P1E, P1F and P1G were recovered from the bottom of the 12000 gallon tank pit at 14 feet below grade (see Figure 2A; Excavation Map). Excavation proceeded in the northern portion of the same pit to an approximate depth of 20 feet. Soil samples P2A, P2B and 2A were recovered at 20 feet below grade (see figure 2A). In addition,

soil sample D1 was recovered from under south end of the demolished mechanic shop and wall sample D2 from the southern portion of the clarifier pit at a depth of 3 feet below surface (see figure 2A). Each sample was collected in a glass jar, sealed with a teflon lined lid and delivered to an onsite state certified mobile laboratory for quantitative analyses (see Appendix B; Chain of Custody). Diesel contaminated soil was removed from the excavated areas, stockpiled on site and secured with plastic sheeting. Excavation operations were terminated at 5:00 p.m.

Because all contaminated soil had been removed from the southern portion of the 12000 gallon tank pit, a ramp was constructed to facilitate continued excavation in the northern portion of the pit with the truck-mounted excavator. On August 15, 1990 excavation resumed in the northern portion of the 12000 gallon tank pit. Mr. Khorzani again supervised further excavation of diesel contaminated soil. Wall samples WS5, WS6 were recovered at 13 feet below grade and wall sample WS7 was recovered at 10 feet below grade. Soil sample 3A was recovered from the bottom of the excavated pit at 23 feet below grade. In addition, wall samples WS8 and WS9 were recovered at a depth of 13 feet below grade (see Figure 2A). All six soil samples were delivered according to standard EPA chain of custody procedures to an onsite state certified mobile laboratory. Excavation operations proceeded to a depth of 33 feet and were terminated at 4:00 p.m.

Excavation operations resumed on August 28, 1990 and were again supervised by Mr. Khorzani. A total of five (5) soil samples were recovered from the excavated pit. Soil sample X1 was recovered at 21 feet below grade from the east wall and sample X2 was obtained at a depth of 28.5 feet below grade at the bottom of the pit. Excavation proceeded to 32 feet at which depth sample X3 was recovered. Soil at this depth exhibited dark olive green petroleum discoloration and a strong petroleum hydrocarbon (diesel) odor. Soil sample X4 was recovered from the northeast wall above sample location X1 at a depth of 16 feet below grade. Soil sample X5 was recovered from spoils within the pit area. Duplicate soil samples were also obtained for the City of Vernon. All soil samples were transported according to standard EPA chain of custody procedures to Terra Tech Labs for 24 hour turnaround results. Diesel contaminated soil was stockpiled south of the pit and secured with plastic. Due to persistence of lateral and vertical diesel contamination, additional excavation operations were necessary. Excavation operations proceeded intermittently under the direction of Mr. Ben Hernandez of B and B Construction. PIC was contacted periodically to conduct soil sampling operations and confirm the success of excavation operations. Sampling and excavation operations described below are limited to operations conducted while a PIC geologist was on site.

On August 30, 1990 five soil samples, X6-X10, were submitted to PIC by B and B Construction for quantitative analysis. The samples were recovered by B and B Construction from the excavated pit at depths ranging from 40 to 45 feet below grade. None of these sample locations are exactly known and are therefore not plotted on figure 2A.

Soil sampling and excavation operations resumed at 8:00 a.m. on Monday, October 8, 1990. Diesel contaminated soil was removed by excavator and loaded onto a truck and stockpiled near the southeast corner of the property. Excavation operations proceeded to a depth of 50 feet. Mr. Khorzani recovered one soil sample X11 at the bottom of the excavated pit. Soil at this depth exhibited petroleum discoloration and a strong petroleum hydrocarbon (diesel) odor. Additional wall samples W1-W4 were recovered at depths between 46 to 48 feet to document soil conditions laterally. At this point diesel contamination appeared limited to the north and northwest portion of the pit (see Figure 2A; for sample locations). At 1:00 p.m. five (5) soil samples (SP2-SP6) were recovered from the spoils to segregate noncontaminated from contaminated spoils. All soil samples were immediately submitted to the onsite mobile laboratory. Excavation operations were terminated at 4:00 p.m.

To help determine the extent of vertical soil contamination, Mr. Khorzani returned to the site on October 10, 1990, and hand augered from the bottom of the 50 feet deep pit to approximately

65 feet below grade. Soil samples HA-5', HA-10' and HA-15' were recovered at 55', 60' and 65' respectively (see Figure 2A). There was no field evidence (visual or olfactory) of petroleum hydrocarbon contamination at any of those depths. Soil samples recovered during hand augering operations were collected in glass jars, sealed with teflon lined lids, placed on ice, and transported the following day to Geochem Laboratory for specified testing and analyses (see Appendix B; Chain of Custody).

On October 24, 1990, PIC Registered Geologist, Mr. Tim Hersch, visited the site. Soil samples X12-X15 were recovered from the north and northeast portion of pit at depths of 48 to 56 below grade, respectively (see Figure 2A). All four soil samples were transported the following day according to standard EPA chain of custody to Enseco-CRL Laboratories for specified testing and analyses (see Appendix B: Chain of Custody). These laboratory results were used to identify remaining diesel contaminated soil which needed to be excavated.

On November 20, 1990 PIC environmental geologist, Mr. Stewart Graham, visited the site to supervise additional excavation of diesel contaminated soil and to monitor the work face. Sample X16, recovered from the bottom of pit at 58 feet below grade, and sample X17, recovered from the north wall at a depth of 50 feet below grade, were submitted for analyses. Because sample X17 measured elevated concentrations of total petroleum hydrocarbons, excavation proceeded to a depth of 55 feet below grade. Soil at

this depth exhibited no petroleum discoloration or odor. Wall samples X18 at 42' from the north wall, X19 at 50' from the east wall, X20 at 39' from the east wall and X21 at 31' deep from the north wall were recovered and submitted for analyses (see Figure 2A). As a result, the vertical and lateral extent of significant petroleum soil contamination was successfully determined and all apparent diesel contaminated soil was removed from the pit. Two spoil samples (SP22 and SP23) were recovered and held for possible future testing and analysis. All soil samples were immediately submitted to an onsite Enseco laboratory according to standard EPA chain of Custody procedures. Samples X16, X18, X19, X20, X21, X17A all tested noncontaminated, background concentrations documenting complete and successful excavation of all diesel contaminated soil. Approximately ±2,000 cubic yards of contaminated and noncontaminated soil were excavated and stockpiled near the south and southeast corner of the property and secured with plastic.

BACKFILL AND DISPOSAL PROCEDURES

B and B Construction was contracted to import unrestricted fill material which commenced December 4, 1990. Backfilling of the excavated pit was completed by December 7, 1990. PIC was contracted to conduct documentation soil sampling and testing for stockpiled spoils, the imported material, and native wall samples of the excavated pit (recovered during backfill operations). PIC conducted soil sampling operations of various types between

November 28, 1990 and January 2, 1991. The following discussion provides additional details of these operations. All samples were recovered, sealed, stored, transported, and analyzed under chain of custody procedures as described earlier in this report.

On November 28, 1990, Mr. Hamid Khorzani, recovered the following four soil samples.

1) WA at a depth of 53 feet from the east wall of the excavated pit.
2) SL1, SL2, and SL3 from stockpiled soil to verify noncontaminated conditions.

On November 30, 1990, Mr. Hamid Khorzani recovered the following three soil samples from the walls of the excavated pit.

1) WA2 at a depth of 43 feet from the east wall.
2) WA3 at a depth of 25 feet from the east wall.
3) WA4 at a depth of 25 feet from the north wall.

On December 4, 1990, Mr. Scott Hurst recovered the following 21 soil samples to verify soil conditions in imported backfill material recovered from arriving trucks, imported backfill material previously emplaced into the pit, and native material from the walls of the excavated pit:

1) BSF1A, BFS1B, BFS3, BFS4, BFS5, BFS6, BFS7, and BFS8 from imported, unrestricted fill material recovered prior to backfilling.

2) SL4, SL5, SL6, SL7, SL8, SL9 from imported fill material recovered after emplacement in the pit. These samples were recovered at about 25 feet below grade.

3) WA5, WA6, WA7, WA8, WA9, WA10 from native soil along the walls of the partially backfilled pit. Deptns below grade for the samples are 15', 15', 10', 14', 19', and 15', respectively. Most samples recovered December 4, 1990 were analyzed onsite via EPA method 418.1 for the benefit of rapid turnaround. Selected samples were also analyzed by method 8015 extraction to confirm a lack of diesel contamination in all samples.

On December 6, 1990 Hamid Khorzani recovered the following eight soil samples from stockpiled diesel contaminated spoils (SL10-SL13) and imported fill material already emplaced in the pit (SL14-SL17).

1) SL10, SL11, SL12, SL13 were recovered at representative locations throughout the stockpile of diesel contaminated soil excavated from the pit. The four samples were composite analyzed for a broad array of inorganic and organic contaminants (see Appendix C; Laboratory Results from Del Mar Analytical).

2) SL14, SL15, SL16, SL17 were recovered from imported fill material already emplaced in the partially backfilled pit at a depth of about 21 feet below grade.

On December 7, 1990 Hamid Khorzani recovered the following 15 soil samples, BFS9-BFS23, from imported,

unrestricted fill material. To expedite laboratory testing turnaround the samples were analyzed by method EPA 418.1. Selected samples exhibiting slightly elevated petroleum hydrocarbon concentrations were reanalyzed by method 8015 to verify a lack of diesel contamination. That is, some imported fill material was determined to contain varying concentrations of nonhazardous asphaltic debris.

On December 18, 1990 Mr. Hamid Khorzani recovered soil sample SL18 from composited, stockpiled, diesel contaminated soil for analysis by method 8015. The laboratory results (601 ppm) were used to document the residual, average TPH (diesel) concentration in stockpiled spoils for disposal purposes. Soil sample SL18 was the final sample recovered from soil excavated from or placed into the diesel contaminated pit.

All samples recovered after December 18, 1990 were analyzed at the request of Vernon Health Department to verify near surface soil conditions at locations unrelated to former underground storage tanks, piping, or dispensers.

On December 20, 1990 Hamid Khorzani recovered samples HA1-5' and HA1-10' via hand auger to confirm soil conditions with respect to possible heavy petroleum products (oil and grease). The boring was hand augered at the approximate location of boring 5 drilled by Converse in 1988. Converse had indicated some surficial oil contamination in Boring 5 located at the extreme southwest corner of the property. Both samples recovered by PIC tested

background concentrations for oil and grease below 10 ppm.

On December 31, 1990 about 250 tons of diesel contaminated soil was loaded and transported by B and B Construction to the BKK landfill in West Covina as nonhazardous petroleum waste (see Appendix D).

On January 2, 1991, Hamid Khorzani recovered eight soil samples from four hand augered borings (HA3, HA4, HA5, and HA6) at depths of three feet and six feet below surface. Three borings were located in the eastern portion of the property and one boring (HA6) was located near the former clarifier and former service building (now demolished). More specifically, HA6 was located near sample location D1 recovered August 9, 1990 which had tested an elevated TPH concentration. All four hand auger samples recovered at a depth of three feet, were analyzed for TPH by either EPA method 413.2 or 418.1. All four samples measured background TPH concentrations below 10 ppm.

In summary, all field operations at the DeWitt Transfer property were completed by January 2, 1991. All diesel contaminated soil had been excavated/removed from the site and the excavated pit had been backfilled with unrestricted, imported fill material.

GEOLOGY

A visual inspection of the stratigraphy exposed along the sides and bottom of the excavated pit revealed that the predominant soil type from ground surface to a depth of 50 feet consists of brown, moderately cohesive, fine-grained sandy silt, silty clay and clay with intermittent lenses of alluvial sand and gravel. In addition, the stratigraphy indicates rapid lithologic changes including discontinuous permeable zones consistent with alluvial deposition (see Figure 2B; Geologic Cross Section).

The elevation of the tank pit site is approximately 150 feet above sea level; the surrounding topography slopes southeast parallel to the nearby Los Angeles River (see Figure 1; U.S.G.S. Topographic Map). The groundwater contour map published by the L.A.C.D.P.W. shows the most likely direction of groundwater flow to be westerly (see Figure 3; Groundwater Map). Depth to the first principal aquifer approximates 150 feet as indicated by figure 3 and confirmed by recent measurement on April 30, 1990 from Los Angeles County Flood Control District Well #2829C, located approximately 1/2 mile west of the subject site.

LABORATORY RESULTS

A total of 119 soil samples were recovered and analyzed by PIC between August 7, 1990 and January 2, 1991. Chain of Custody records are provided in Appendix B for all recovered samples.

Appendix C contains all laboratory results and quality control documentation. For convenience, Appendix C is preceded by Tables I, II, III, and IV which provide a compilation of sample depths, dates of recovery, and analytical results. Table I compiles laboratory results for 12 samples recovered after tank removal operations. Figure 2: Site Sketch Map - Tank Removal illustrates the locations of these samples. All five samples measuring elevated TPH concentrations were located in the former 12,000 gallon diesel tank pit.

Table II compiles data for all samples recovered during excavation operations between August 9, 1990 and November 20, 1990. Excluding five spoils samples and D1/D2, a total of 42 samples were recovered at various depths from the pit during and after excavation operations. Of particular interest, six samples (X16, X18, X19, X20, X21, X17A) recovered November 20, 1990 confirm that all diesel contaminated soil appeared to be successfully and completely removed from the excavated pit. Figure 2A illustrates the location of these samples. Further, Figure 2B; Geologic Cross Section illustrates the location of critical soil samples in vertical profile.

Table III compiles data for all 52 samples recovered during backfilling operations. Figure 2C illustrates the locations of all ten soil samples recovered from the walls of the pit during backfilling operations as well as 18 samples of stockpiled spoils or imported fill material emplaced into the pit prior to

sampling. None of the locations for 24 BFS samples are illustrated on figure 2C since they were recovered from trucks prior to backfilling.

Table IV compiles data for six soil samples analyzed from hand augered locations to document near surface soil conditions at various locations. None of these samples were located in or near the former underground tanks, piping or dispensers. Figure 2C illustrates the locations of these hand augered borings. All six samples measured background TPH concentrations below 10 ppm. As a result, surficial soil contamination indicated in sample D1 recovered by PIC and boring B5 drilled in 1988 by Converse were shown to be incidental, shallow, and limited occurrences of apparent contamination.

CONCLUSIONS

Field evidence, excavation/backfilling operations, and laboratory results afford the following conclusions:

1) Diesel contaminated soil which had resulted from historic piping failure at the north end of a 12,000 gallon underground storage tank was completely and successfully excavated from the subject property. The maximum depth of diesel contamination was 55 feet. None of the soil contamination appeared to have migrated offsite.

2) Other than the diesel contamination discussed above, no other significant soil contamination by petroleum

hydrocarbons was encountered during excavation at this site.

3) Groundwater was not encountered during excavation operations and appears not to be impacted by the historic release of diesel fuel discussed above.

4) After segregating noncontaminated spoils, a total of 250 tons of diesel contaminated soil were transported to the BKK landfill as nonhazardous petroleum waste.

5) The site no longer contains any soil known to be contaminated with any hazardous materials.

6) PIC recommends closure of this site with no further action.

This report is proprietary and confidential, to be delivered to, and intended for the exclusive use of, the above named client only. Petroleum Industry Consultants, Inc. assumes no responsibility nor liability for the reliance herein or use hereof by anyone other than the above named client. In addition, all of the lab work cited in this report was prepared under the supervision of Lisa Newcombe-Dierl of Terra Tech Laboratories (Huntington Beach), George Tsai, of Geochem Environmental Laboratory (Huntington Beach) and Bob Sundberg of Enseco-CRL Laboratories (Garden Grove) and are solely responsible for the contents and conclusions of the laboratory data.

Should you have any questions or comments regarding the procedures or results outlined in this report, please do not hesitate to call us at 714/842-6331.

Respectfully submitted,

Hamid Khorzani
PIC Environmental Geologist

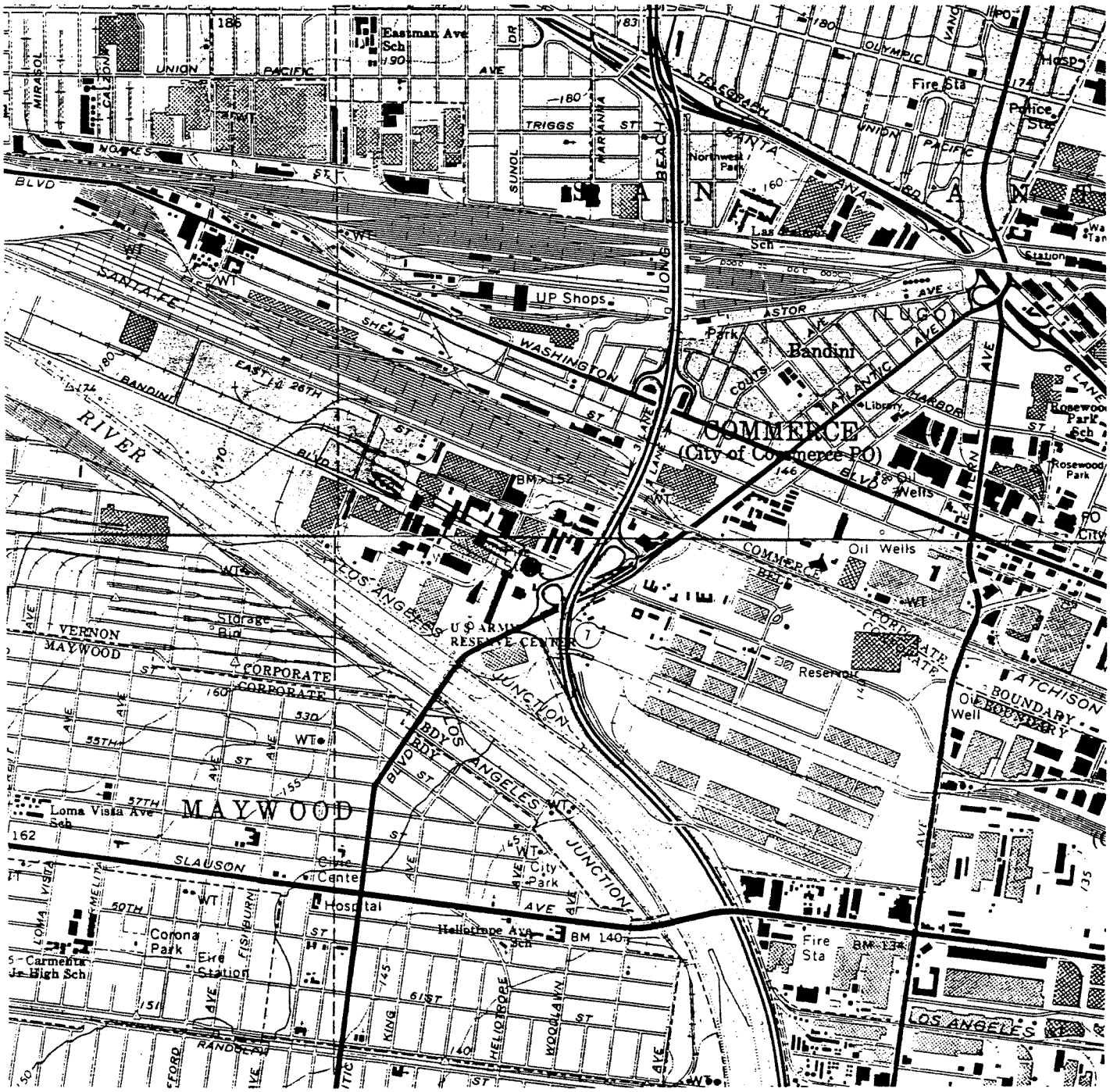
J. T. Hersch
California Registered Geologist #4082
General Manager

REGISTERED GEOLOGIST
J. TIM HERSCH
#4082
STATE OF CALIFORNIA

HK/lr

Figure 1:

Site Location Map/U.S.G.S. Topographic Map



PETROLEUM INDUSTRY CONSULTANTS, INC.
HUNTINGTON BEACH, CA 92647

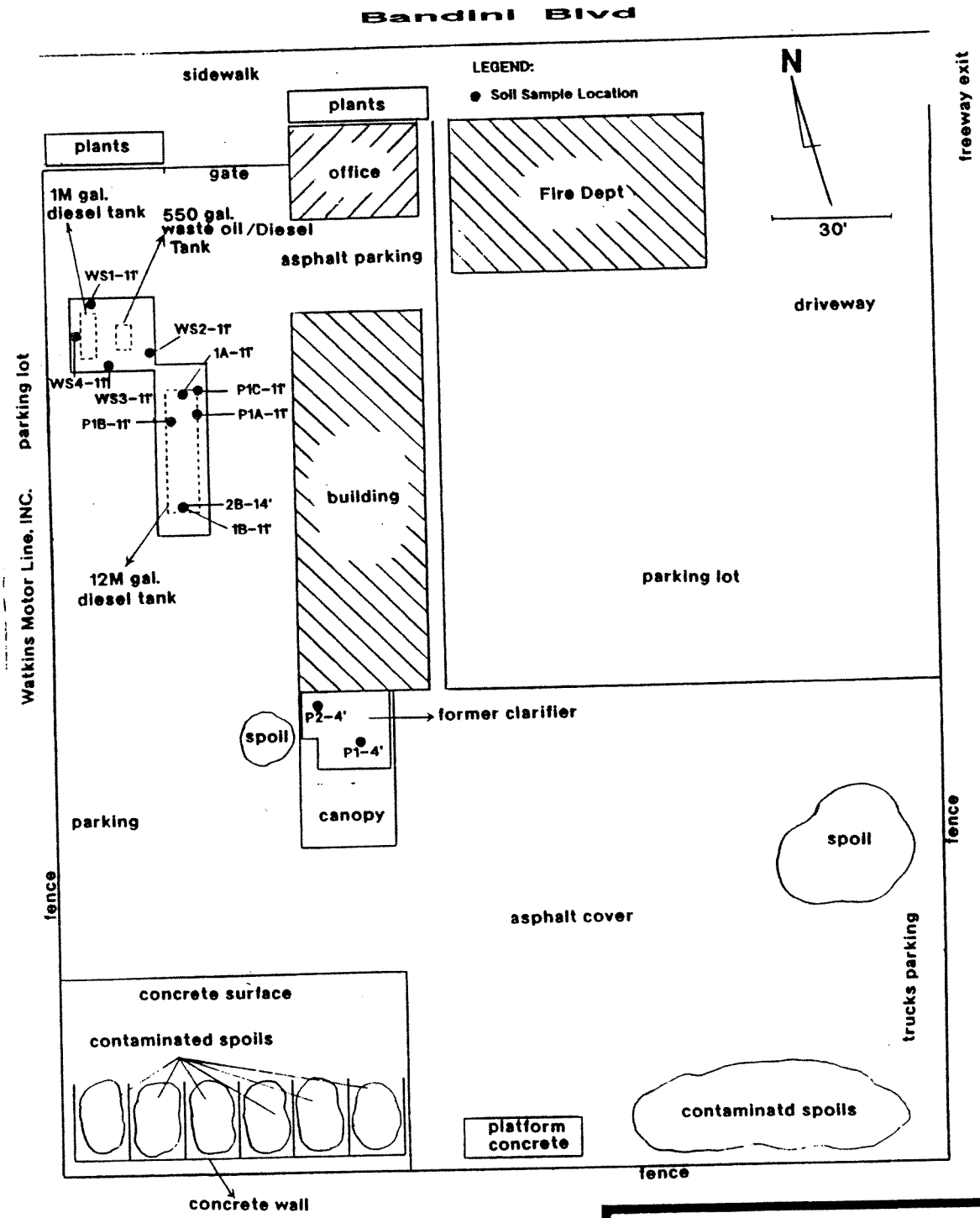
DEWITT TRUCKING

4528 EAST BANDINI BOULEVARD
VERNON, CALIFORNIA 90040

DRAFTED BY	DATE	SCALE	GEOLOGICAL NUMBER
HK	12/90		E1714
REVISED BY			

Figure 2:

Site Sketch Map_Tank Removal



PETROLEUM INDUSTRY CONSULTANTS, INC.
HUNTINGTON BEACH, CA 92647

DEWITT TRUCKING

4528 EAST BANDINI BOULEVARD
VERNON, CALIFORNIA 90040

DRAFTED BY	DATE	SCALE	GEOLOGICAL NUMBER
HK	12/90		E1714
REVISED BY			

CITY COUNCIL
LEONIS C. MALBURG
Mayor
THOMAS A. YBARRA
Mayor Pro-Tem
Wm. "BILL" DAVIS
Councilman
H. "LARRY" GONZALES
Councilman
W. MICHAEL McCORMICK
Councilman

CITY HALL

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058
TELEPHONE (213) 583-8811 • FAX (213) 581-7924
HEALTH AND ENVIRONMENTAL CONTROL

OFFICERS
BRUCE V. MALKENHORST,
City Administrator/City Cl
DAVID B. BREARLEY,
City Attorney
VICTOR H. VAITS,
Director of Community Services
KENNETH J. DEDARIO
Director of Light & Power
LARRY SPADT,
Fire Chief
LOUIS ROSENKRANTZ
Police Chief

In Reply Refer to:

Watkins Property
4500 Bandini Bl.
Vernon, CA

March 10, 1992

Roseann C. Stevenson
Morgan, Lewis & Brokius
801 S. Grand Avenue
Twenty-Second Floor
Los Angeles, CA 90017-4615

Dear Ms. Stevenson:

Thank you for forwarding the document entitled "Report of Findings Subsurface Soil Investigation Prepared for: Watkins Motor Lines, Inc., 4500 Bandini Boulevard, Vernon, CA 90040."

The report documents an investigation to determine whether contaminants migrated onto the Watkins property from an adjacent property at 4528 Bandini Boulevard. The document is well presented and concludes that no contaminants migrated across property lines. However, the report includes one error which should be corrected. The error occurs in the introduction on Page 1-1 where it states DeWitt Transfer and Storage Company formerly leased the adjacent property from the property owner, the City of Vernon.

Actually, DeWitt Transfer and Storage owned the property until it was purchased by the City of Vernon on February 20, 1991.

If you have any questions or require further information, please contact us.

Sincerely,

Norman J. Michiels,
Health Officer

Dan C. Downing, R.E.H.S.
Environmental Health Specialist

xc: Stewart Emhof, Erm-West, 1920 Main St., Suite #600, Irvine, CA 92714

DCD:cd

si:ugtk\watkins.ltr

CITY COUNCIL
LEONIS C. MALBURG
Mayor
THOMAS A. YBARRA
Mayor Pro-Tem
Wm. "BILL" DAVIS
Councilman
H. "LARRY" GONZALES
Councilman
W. MICHAEL McCORMICK
Councilman

BRUCE V. MALKENHORST
City Administrator/City Clerk
FAX: (213) 581-7924

CITY HALL

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058
TELEPHONE (213) 583-8811

DAVID B. BREARLEY
City Attorney
FAX: (818) 330-5818
S. KEVIN WILSON
Acting Director of Community Services & W.
FAX: (213) 588-2761
KENNETH J. DeDARIO
Director of Light & Power
FAX: (213) 583-1983
DAVE TELFORD
Fire Chief
FAX: (213) 581-1385
LOUIS ROSENKRANTZ
Police Chief
FAX: (213) 581-1178

ENVIRONMENTAL HEALTH DEPARTMENT

November 15, 1995

William Wong
Staff Services Analyst
State of California Water
Resources Control Board
Underground Storage Tank Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

SUBJECT: DeWitt Transfer and Storage Company, Former Underground Tank Facility, 4528 Bandini Boulevard, Vernon, CA 90040
State Claim #002930

Dear Mr. Wong:

In response to your request, we reviewed the subject file for compliance with applicable underground storage tanks laws and regulations enforced by our department. The following facts support the conclusion that DeWitt Transfer and Storage Company failed to comply with our orders and did not have valid operating permits for the underground tanks:

- December 20, 1983 - City of Vernon Underground Tank Ordinance No. 944 was adopted. Section 13.39 of this ordinance requires installation of monitoring system on underground tanks by January 1, 1985 (Ordinance attached). According to the records no monitoring system was ever installed at the subject tank facility.

- Interim Permit (attached) dated April 9, 1986, required submission of assessment and monitoring plans by September 1, 1986, or removal of the tanks. Our records do not show compliance with the Interim Permit and it expired September 1, 1986.

- Enforcement efforts to bring the facility into compliance continued from 1986 through 1989.

- Los Angeles District Attorney hearing convened on May 16, 1989 (attached). DeWitt agreed to obtain a tank removal permit within 45 days, and initiate removal within 60 days.

- July 17, 1989, DeWitt indicated Carco Co. would soon take out tank removal permit.

- July 26, 1989 to September 13, 1989, several conversations with Carco Co. confirmed removal contract not signed by DeWitt.

- September 13 to November 27, 1989, several phone calls to DeWitt not returned.

- January 29 to May 24, 1990, two other consulting companies, Hekemian and JRJ Associates made contact with the City regarding tank removal regulations.

- July 10, 1990, demolition contractor, Interstate Building Materials, in process of removing site buildings.

- August 2, 1990, DeWitt obtained tank removal permit.

- August 7, 1990, tanks removed from ground, extensive contamination discovered.

- January 23, 1991, soil remediation completed.

It is our understanding that State Cleanup funds are not warranted or authorized for underground tank owners who do not comply with laws and regulations. We believe this is an example of a case where the tank owner clearly failed to comply with well communicated requirements. It is our opinion that the owner's failure to comply with monitoring requirements and decision to delay removal for such a lengthy time period greatly contributed to the contamination being so extensive.

If you have any questions or require further information, please contact us.

Sincerely,

Lewis J. Pozzebon,
Director/Health Officer

LJP:cd

Attachments (3)

si:ugtk\letters\dewittst.ltr

SHEPPARD, MULLIN, RICHTER & HAMPTON LLP
A LIMITED LIABILITY PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS
ATTORNEYS AT LAW
FORTY-EIGHTH FLOOR
333 SOUTH HOPE STREET
LOS ANGELES, CALIFORNIA 90071-1448
TELEPHONE (213) 620-1780
FACSIMILE (213) 620-1398

WRITER'S DIRECT LINE
(213) 617-5586

OUR FILE NUMBER

RECEIVED
FEB 13 1996
UST CLEANUP FUND

February 8, 1996

Post-it® Fax Note 7671	Date 1/16/97	# of pages ▸ 9
To Lewis Pozzebon	From Toru Okamoto	
Co./Dept.	Co. USTCF	
Phone #	Phone # 916-227-4406	
Fax # 213-583-4451	Fax # 916-227-4530	

Via Certified Mail

Mr. Dave Deaner, Manager
State Water Resources Contr
Underground Storage Tank Cl
Post Office Box 944212
Sacramento, California 942

Re: Claim No. 002930
Site Address: 4528 Bandini Blvd., Vernon, CA
(DeWitt Transfer & Storage Co.)

Dear Mr. Deaner:

Our client, DeWitt Transfer & Storage Company ("DeWitt"), hereby requests review of the Underground Storage Tank Cleanup Fund's intended removal of DeWitt from the UST Cleanup Fund Priority List as stated in the December 22, 1995, letter from Mr. Toru Okamoto. As your file should reflect, Mr. William Wong of your office extended DeWitt's time to request review until February 20, 1996, pursuant to our request, as confirmed in a January 16 facsimile letter to Mr. Wong.

DeWitt objects to the UST Cleanup Fund's intended action and requests review on the grounds that DeWitt believes that its claim to the Fund did not result from an unauthorized release of petroleum into the environment resulting from the gross negligence or the intentional or reckless acts of DeWitt and is therefore eligible for reimbursement pursuant to California Health & Safety Code § 25299.61 and 23 California Code of Regulations § 2810.3. In this regard, DeWitt contends that several of the statements contained in the Notice of Intended Removal from Priority List are at least misleading.

DeWitt believes that it undertook the necessary cleanup actions in accordance with and consistent with state requirements, acted responsibly and in good faith, and was in constant communication with representatives of the various departments of the City of Vernon. As the documents on file at the City of Vernon demonstrate, the subject property was

somewhat unique from many of the properties for which claims have been filed with the UST Cleanup Fund, in that from approximately the same time that the local agency's tank permit requirements took effect through the time that the tanks were removed, the local governmental agency (the City of Vernon) was negotiating with DeWitt to purchase the property and DeWitt had to deal with several branches of the City of Vernon (i.e., the Health & Environmental Control Section, the Community Services Department, the City Administrator and the Fire Department). DeWitt believes that this unique relationship, and the number of governmental representatives with which DeWitt had to deal, may have caused some confusion and made it appear, from a cursory review of the Vernon Health & Environmental Control Section's files, that DeWitt failed to respond to the City of Vernon's communications and requirements.

The Vernon Health & Environmental Control Section's files demonstrate, however, that the City of Vernon was interested in buying DeWitt's property and was involved in continuing negotiations with DeWitt since mid-1986. The representatives of the Vernon Community Services Department and the Vernon Health & Environmental Control Section had extensive internal communications with each other regarding the DeWitt property and the City's interest in it, with Community Services Department representatives being involved in Health & Environmental Control Section meetings and activities related to the subject property and underground storage tanks.

The following documents from the City of Vernon's files and additional facts for which DeWitt can provide competent testimony demonstrate DeWitt's good faith attempts to be responsive to the requests and directives of the various departments of the City of Vernon, and DeWitt's continual communication with Vernon representatives at all times:

- The City of Vernon had been interested in and negotiating for the subject property since DeWitt put it on the market in mid-1986.

- On August 26, 1986, DeWitt requested an extension of the City of Vernon's Interim Operating Permit for the underground storage tanks because DeWitt had entered escrow on another property in Vernon to which it planned to relocate its tenant. The letter further stated that when the tenant vacates the subject property, DeWitt plans to either remove the tanks at the subject property or install monitoring devices, <u>according to the City of Vernon's preferences</u>.

- On August 28, 1986, Norm Michiels of the Vernon Health & Environmental Control Section replied to DeWitt's request, granting the extension if DeWitt showed that the tank was not leaking by either taking soil samples adjacent to and below the tank or following National Fire Protection Tank Integrity Procedures. Mr. Michiels further stated: "With assurance that the underground storage tanks are sound are not leaking, installation of the required monitoring devices or removal of the tanks can be delayed until you vacate the property."? (Emphasis added.)

- Seven days later, DeWitt sent a letter to Victor Vaits of the Vernon Community Services Dept. confirming a recent conversation regarding the purchase of the property. The City's file copy of the letter has the handwritten note "offer $475,000" written on it. A City of Vernon memo in December 1986 from Victor Vaits of the Community Services Dept. to Bruce Malkenhorst, Vernon City Administrator, recommends buying the property because it is adjacent to the Fire Station and therefore is advantageous to the City. Also in December, the Vernon City Council approved the recommendation to purchase the DeWitt property.

- Another memorandum from Mr. Vaits to the City Attorney in May 1987 discusses the City of Vernon's desire to escrow instructions and calls for the environmental cleanup to be approved by the City.

- On August 12, 1987, Lewis Pozzebon of the Vernon Health & Environmental Control Section wrote to DeWitt regarding Vernon Ordinance # 944. In the letter, Mr. Pozzebon acknowledges that DeWitt's compliance deadline had been extended conditioned on performing tests to show that the tanks were not leaking by either soil sampling? or NFP integrity tests, but noted that no results were submitted. Mr. Pozzebon then requests that DeWitt submit a written action plan for meeting this condition within 30 days, for his review and acceptance.

- Nine days later, on August 21, 1987, DeWitt sent Mr. Pozzebon Converse Environmental's Proposal for Technical Services dated June 10, 1987, and asked Mr. Pozzebon to contact Converse with any questions. Essentially, DeWitt believed that this was the "action plan" requested in Mr. Pozzebon's recent letter. The Converse test results, in turn, indicated that all samples were below action levels and that "no major contamination

has been identified and further assessment is unwarranted," as reflected in DeWitt's September 21 letter to Victor Vaits of the Community Services Dept. and Converse's October 1, 1987, Site Assessment.? Based on this, DeWitt understood that it had complied, albeit belatedly, with Mr. Michiels' August 28, 1986, conditions, thereby giving DeWitt the right to delay removal of the tanks or installation of monitoring devices until DeWitt vacated the property.

- On October 15, 1987, Mr. Michiels of the Vernon Health & Environmental Control Section sent a memo to Mr. Vaits of the Vernon Community Services Dept., setting forth conclusions regarding the Converse Site Assessment Report.?

- Despite DeWitt's belief that it had satisfied the necessary conditions to exempt it from monitoring or removing the tank until its tenant vacated the property and the City of Vernon purchased it, DeWitt received a December 7, 1987, letter from Mr. Pozzebon of the Vernon Health & Environmental Control Section stating that the City expected DeWitt to submit an action plan and permit application within the next 30 days. In January 1988, the City of Vernon then sent a Notice to Appear at Administrative Hearing regarding DeWitt's plans to comply with Ordinance # 944.

- In response, DeWitt obtained an additional proposal from Converse (dated February 24, 1988) for a Preliminary Environmental Site Assessment. Four days later, according to the Vernon Health & Environmental Control Section activity log, City Administrator Bruce Malkenhorst requested that the Health Dept. meet with DeWitt's representatives, a meeting that was also attended by Mr. Vaits of the Community Services Dept.

- Around this same time (February 26), the Vernon Fire Dept. inspected the subject property and in its report requested that DeWitt turn the oil tanks around, so that drainage would not go into an underground tank, and move a waste oil tank under a roofed area. As requested, these conditions were promptly corrected by DeWitt.

- On March 24, 1988, Mr. Vaits set DeWitt a letter enclosing the suggested escrow instructions. Three weeks later, the Vernon Health & Environmental Control Section reviewed Converse's February 24 Proposal for Preliminary Site Assessment and discussed it with Mr. Vaits of the

Community Services Dept., then requested that DeWitt proceed with the preliminary site assessment.

- On May 10, 1988, Mr. Pozzebon of the Vernon Health & Environmental Control Section met with DeWitt's representatives and DeWitt's consultant to discuss the underground storage tanks and compliance with Ordinance # 944, and the site assessment being prepared <u>for the sale of the property</u> (according to the handwritten activity log). The log further states that Mr. DeWitt agreed to authorize the preliminary assessment for submission and approval by the City of Vernon and "is also going to check with Mr. Vaits regarding [the] City's intended use of tanks." A City of Vernon memo from Mr. Michiels of the Health & Environmental Control Section to Mr. Malkenhorst, the City Administrator, regarding this meeting states that as a result of the meeting, Converse will develop a more comprehensive preliminary audit and also that "We agreed to review the proposal before any work involved in the proposal begins." Similarly, this memo states that they discussed the tanks and interim permit, and Mr. DeWitt proposed to have the tanks removed <u>if the City of Vernon, as the potential buyer, has no use for them</u>." Finally, the memo states that Mr. DeWitt will contact Mr. Vaits regarding the City's preference regarding the tanks.

- DeWitt's belief that its compliance with Vernon's Ordinance # 944 was excused until the property was vacant was bolstered by the fact that the Vernon Health & Environmental Control Section continued to send DeWitt annual permit applications. For instance, the June 22, 1988, tank permit application states that DeWitt's permit expired on June 30, 1988, and that if the applicant wants to renew the permit, they must send the form back along with payment. DeWitt's payment in the amount of $117, in turn, was received on July 5, 1988. Similarly, the City of Vernon's permit delinquency notice sent to DeWitt in late-1989 states that DeWitt's most recent permit expired on June 30, 1989. The notice requests a renewal fee and penalty for the four months' delinquency. Unlike the implication of Mr. Okamoto's letter, these permits not only fail to unequivocally state that DeWitt has not been in compliance since 1986, but state that the permits have been renewed.

- The resulting Preliminary Environmental Site Assessment performed by Converse dated June 10, 1988, states that its purpose was to identify possible areas of

concern prior to the proposed sale to the City of Vernon, and recommends that an expanded assessment be performed. DeWitt sought the City of Vernon's input and guidance so that it could comply with all legal requirements imposed by the city of Vernon.

- By letter dated July 19, 1988, Mr. Michiels approved Converse's proposal with certain modifications, which were then incorporated in the proposal by Converse on July 27.

- DeWitt immediately forwarded this modified proposal to the City of Vernon in July 1988 for its approval so that DeWitt could proceed expeditiously with the proposed work.

- On October 26, 1988, Mr. Michiels of the City of Vernon notified DeWitt of its violation of Vernon Ordinance # 944 and directed DeWitt to, by December 1, 1988, either submit plans for vadose zone monitoring wells or emptying the underground storage tanks and applying for removal permits. DeWitt, however, believed that it had complied with this requirement, as reflected by the statement in response to question No. 4 (regarding certification, inspection, monitoring, etc., of tanks) on the Vernon underground storage tank Annual Report Form submitted on September 30, 1988, wherein DeWitt stated, "See file -- your office -- Converse Consultants." Moreover, DeWitt had sent Converse's proposal to the City of Vernon for its approval in July 1988.

- As reflected on the Health & Environmental Control Section's handwritten activity log, however, the City of Vernon claims not to have received the proposal by November 21, 1988, and therefore contacted DeWitt. In response, DeWitt immediately delivered another copy to the City of Vernon that day, then telephoned Converse while Mr. Pozzebon of the Health & Environmental Control Section was present to see how soon Converse could start work. When Converse confirmed that they would try to start during the next week, DeWitt immediately signed the authorization.

- Because of the intervening Thanksgiving holiday weekend, this work was not started the next week, but did commence the Tuesday of the following week. Shortly after receiving the results of Converse's Expanded Environmental Investigation, which revealed elevated concentrations of TPH, DeWitt began obtaining estimates to have the contaminated soil removed and reached an agreement with Victor Vaits of the Community Services Dept. to sell the

property to the City of Vernon. As reflected in DeWitt's May 30, 1989, letter to Mr. Vaits, DeWitt agreed to have its consultant remove the underground storage tanks and any contaminated soil prior to the close of escrow, and asked for the City of Vernon's approval within ten days if the proposal was satisfactory. In response, Mr. Wilson at the Vernon Community Services Dept. wrote DeWitt, stating that Mr. Vaits was out of the country until June 19, 1989, and requested an extension for the City's response.

- Prior to Mr. Vaits' return, DeWitt's tenant on the property ceased operations on June 7, 1989, and within five days the only underground storage tank in use on the property was emptied as much as physically possible in order to fuel DeWitt's trucks that were to be auctioned off. The diesel tank was not used after that date.

- On June 13, 1989, DeWitt's tenant (DeWitt Mail Services, Inc.) filed bankruptcy, after which the United States Bankruptcy Trustee filed an adversary proceeding against DeWitt prohibiting DeWitt from legally removing any equipment from the property, because be believed that the equipment legally belonged to DeWitt Mail Services. By doing so, the Trustee blocked DeWitt's plans to auction the trucks, which completely covered the property and had to be removed prior to tank removal or any work required by the District Attorney settlement on May 16, 1989.

- From June 13 through July 17, 1989, DeWitt's representative was repeatedly in contact with representatives of the various departments of the City of Vernon to keep them informed of the status of the bankruptcy stay that prohibited any equipment from being removed, which was ultimately resolved in July 1989.

- On July 17, 1989, DeWitt sent a facsimile to Mr. Pozzebon at the Vernon Health & Environmental Control Section confirming a telephone conversation with Dan Downing of Mr. Pozzebon's department and enclosing documentation from a consultant regarding plans to remove the underground storage tanks.

- After July 17, DeWitt continued to negotiate with the City of Vernon regarding its desire to purchase the property. At that time, Mr. Michiels of the City of Vernon requested that DeWitt remove all equipment from the property. To this end, DeWitt rented a small parcel off-site for storage of the equipment, notified Mr. Downing of

the Health & Environmental Control Section of the status and confirmed by fax dated August 1, 1989, that tank removal would commence after the equipment was moved off-site.

- However, the consultant that DeWitt had chosen to remove the tanks and perform soil sampling had time conflicts and was unable to schedule it. Therefore, DeWitt had to contact other companies.

- In September 1989, DeWitt received another offer on the property and contacted the Community Services Dept. to see if the City, which was evaluating other properties, was still interested in buying it. For the next two and a half months, DeWitt's representatives were present on the property on a daily basis and were in almost daily contact with Dan Downing or Lewis Pozzebon of the Health & Environmental Control Section, Walt Sumner of the Vernon Fire Dept. (which was next door to the property) and/or Victor Vaits of the Vernon Community Services Dept. regarding the sale of the property and removal of the underground storage tanks.

- After this, DeWitt received the necessary three proposals for tank removal, site assessment and remediation to comply with the UST Cleanup Fund requirements. After receiving these estimates and choosing the lowest one, the underground storage tanks were removed. During this process, the Vernon Community Services Dept. was actively involved, as reflected in the Health & Environmental Control Section's activity log, which details several meetings on the property with DeWitt and its consultants and representatives from the Vernon Health & Environmental Control Section, Fire Dept. and Community Services Dept. The log also reflects that the excavation was contingent on approval from engineers in the Vernon Community Services Dept.

- As these events and documents clearly demonstrate, DeWitt always had the intention to sell the property to the City of Vernon and to comply with all necessary requirements regarding monitoring and tank removal, and sought the City of Vernon's approval at various stages in the process to ensure compliance. Moreover, it is clear that DeWitt deferred to the City of Vernon as to its proposed use for the tanks or desire to have them removed, and repeatedly sought extensions and attempted in good faith to comply with the City of Vernon's requests so that

SHEPPARD, MULLIN, RICHTER & HAMPTON LLP

it would not have to install expensive monitoring devices that the City would require DeWitt to remove in the near future, given the often impending sale and the fact that the tanks were emptied and not used after early June of 1989.

DeWitt therefore contends that its claim to the UST Cleanup Fund was not the result of its gross negligence or intentional or reckless acts, and further contends that any delay attributable to DeWitt did not greatly contribute to the extent of soil contamination at the property.

Based on the foregoing, DeWitt respectfully requests that the UST Fund retain DeWitt's Claim No. 2930 on the priority list. We look forward to your anticipated compliance with this request or, in the alternative, the opportunity to meet with you to discuss this claim.

In the meantime, please contact me if you have any questions regarding this request for review.

Very truly yours,

Jeffrey J. Parker

for SHEPPARD, MULLIN, RICHTER & HAMPTON

JJP:bc

Appendix I-VII

City of Vernon Environmental Health Department, Watkins Facility

WATKINS TRUCK TERMINAL - 4500 BANDINI BLVD., VERNON

Discussion

Eighteen monitoring wells have been installed at the subject site around the three underground storage tank locations. The locations of the wells relative to the tank locations are shown on the attached map and numbered in the order in which they were drilled. The wells indicated by black dots were installed with geological supervision, while those shown by open circles were not.

Bore Holes #1 and #2 were drilled with an 18" bucket rig. This rig is such that the sediment must be removed at intervals not exceeding two feet. Consequently, it is possible to log the entire hole, as was done with these first two. However, due to caving problems at shallow depths in subsequent holes, it was necessary to switch to a hollow-stem, continuous flight auger to drill the remaining holes.

A continuous flight auger provides a constant stream of sediment which can be analyzed, but it is from an unknown depth. In order to obtain a sample from a known depth, it is necessary to stop the progress of the auger, lower a tube to the bottom of the hole, pound it into the sediment ahead of the auger, and remove it before drilling continues. By watching the flow of sediment as deeper drilling progresses, the geologist can see any change in the sequence or type of sediment and decide when it is necessary to stop boring and take a sample.

Based on the information from the completely logged bore holes, the geologist decided that it was necessary to sample the auger holes, #3 - #18, only at the bottom. This sample, which is the two feet immediately below the bottom of the actual bore hole, enables the geologist to ascertain what kind of material underlies the wells.

Geology

The complete logs of Bore Holes #1 and #2 and the descriptions of the bottom samples from Bore Holes #3 - #9 are attached to this report. A look at the logs of #1 and #2 reveals that a slightly sandy to sandy clay is to be found below 25'. This bed is plastic to firm and its water content is low enough to be judged only damp to moist.

A thin, water bearing sand was found in B.H. #1 at about 21' and in B.H. #2 at about 23'. While this water is certainly "groundwater," the sand is not properly an aquifer because it will not yield water in usable

quantities. The "Shallow Aquifer" monitored by the L. A. County Flood Control District is 180' to 200' deep in this area.

This type of geologic situation of a water saturated sand overlying a layer of clay at a reasonable depth is an ideal situation for installing monitoring wells. Any leaked product will percolate downward until it is either immobilized by being adsorbed onto the sediment particles or it reaches a water saturated zone. If it reaches water, it will float on top and most probably enter one or more of the monitoring wells. The clay zone seals the system at the bottom and impedes further downward migration.

The presence of this sequence at about the same depth in two widely separated locations suggested that the entire area is similarly underlain. It was this conclusion that prompted the geologist's decision to drill the auger holes to 25' and then sample to confirm the presence of the clay layer. A glance at the bottom samples of the auger holes will confirm that this decision was justified. While the samples from B.H. #10 - #18 were not seen personally by the geologist, they were reliably reported by the foreman for Wayne Perry Construction Company to be the same clay.

Completion Technique

The completion technique was the same for all of the wells, varying only in the length of casing in B.H. #1, #2, and #3. A length of slotted casing was used on the bottom to permit the entry of fluid from the sediments, and a length of blank casing was placed at the top to exclude entry of surface water or spills. The space between the casing and the side of the hole was backfilled with pea gravel. Forty pounds of bentonite pellets were placed around the blank section of casing. These pellets swell when wetted and form a water-tight seal. The details of completion for B.H. #1 - #9 are given at the bottom of each log or sample description. Bore Holes #10 - #18 were each drilled to 25' and completed in the same manner.

Conclusions

Each of the three tank areas is monitored by no less than four wells. The wells are located in accord with the orientation of the tanks and should be in optimal positions to detect leaks soon after they occur.

W. WALTER SCOTT
REGISTERED GEOLOGIST
244 VENETIA DRIVE
LONG BEACH, CALIFORNIA 90803

213 - 439-0856

Monitoring Wells

at

WATKINS TRUCK TERMINAL

4500 BANDINI BOULEVARD, VERNON

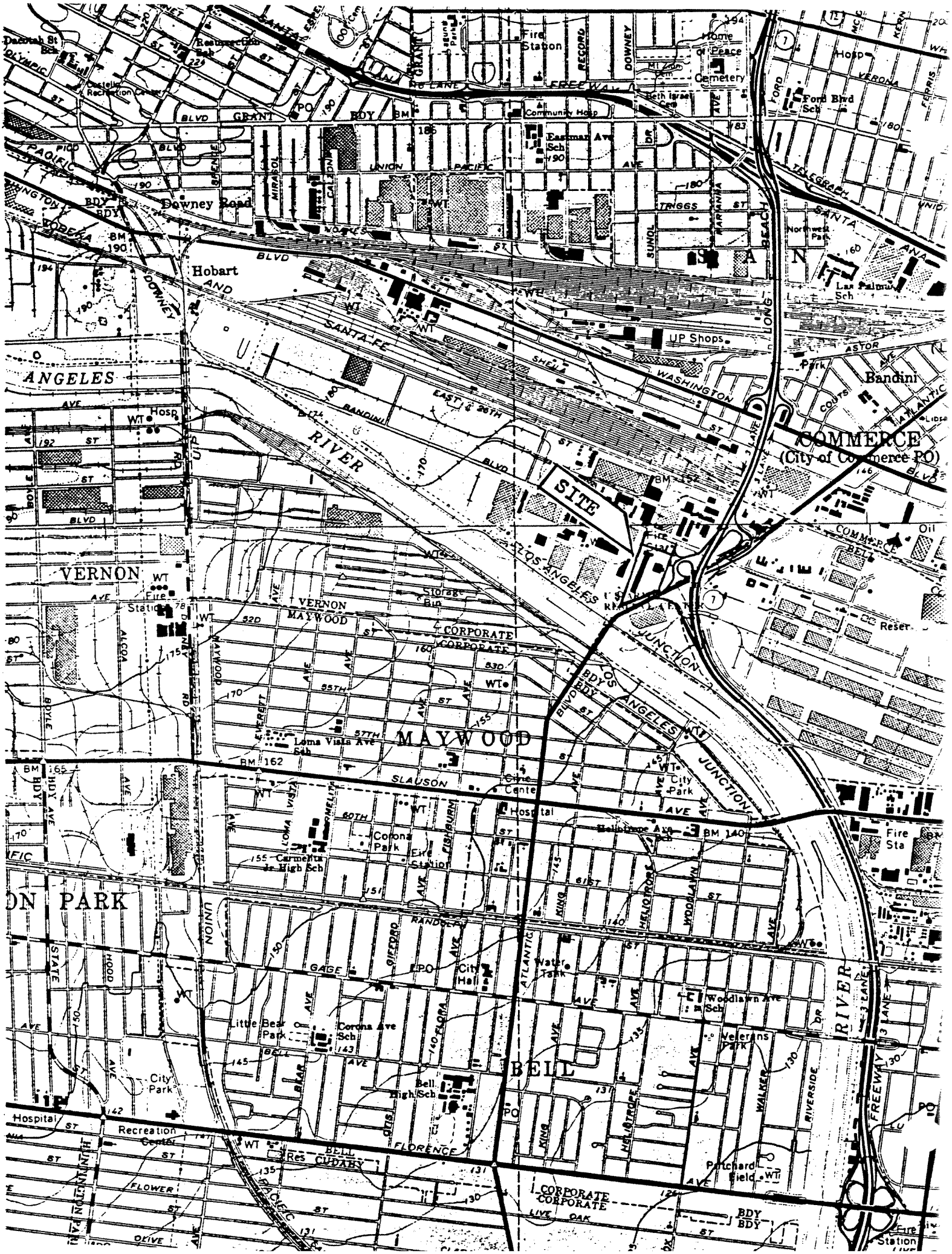
July 1984

W. W. Scott, Geologist

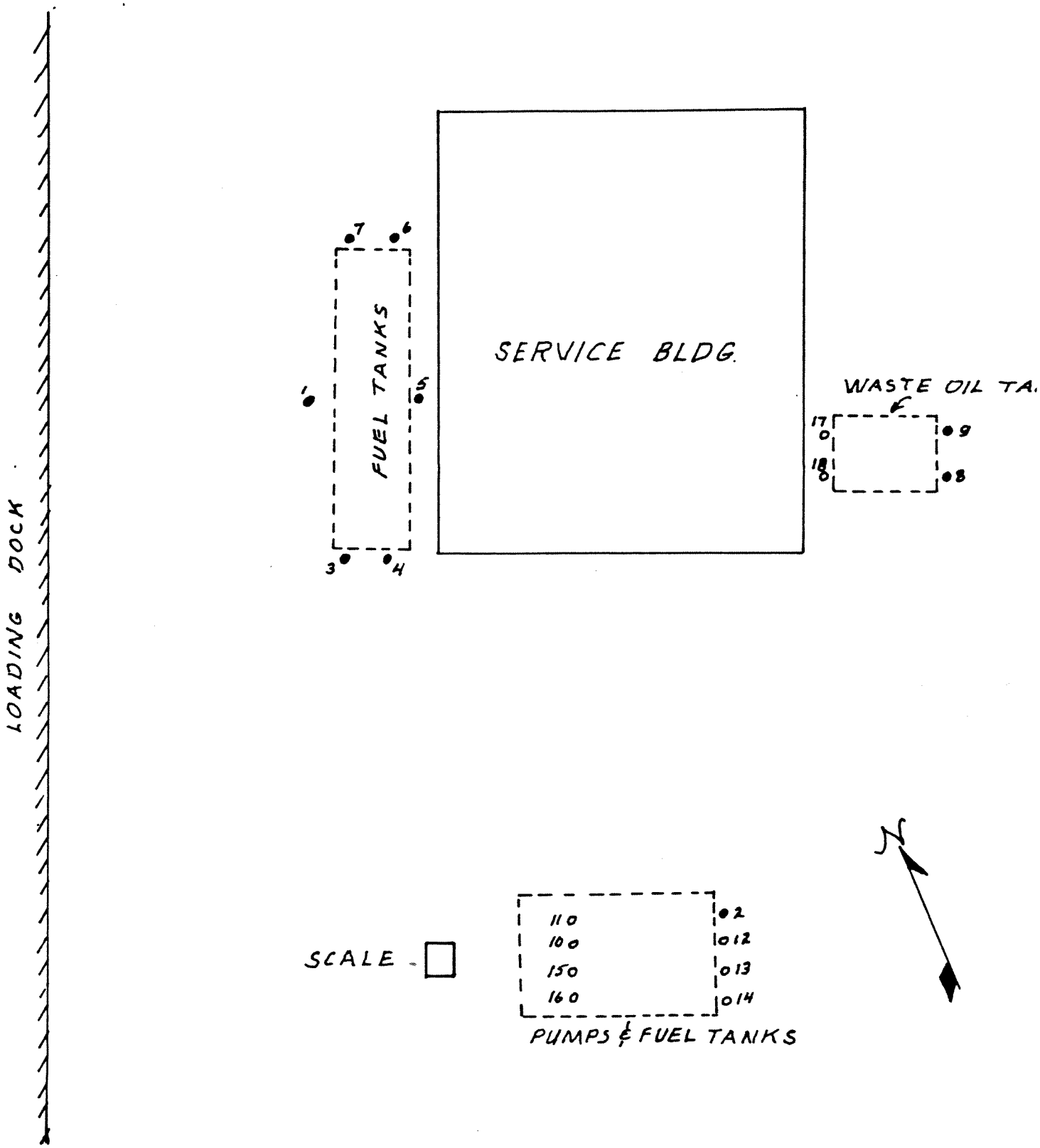
If the leak is small, these wells may suffice for the recovery operation. In the event of a sudden rupture of a tank, they should indicate the area in which investigations should begin.

Respectfully submitted,

W. W. Scott, Geologist
Calif. Reg. #1968



Fire Station
Home of Peace Cemetery
Ford Blvd Sch
Community Hosp
Eastman Ave Sch
Downey Road
Hobart
UP Shops
Bandini
COMMERCE
(City of Commerce PO)
SITE
ANGELES
RIVER
VERNON
Fire Station
Storage Bin
MAYWOOD
Loma Vista Ave Sch
Civic Center
City Park
Hospital
Corona Park
Fire Station
Carmelita Jr High Sch
ON PARK
City Hall
Water Tank
Woodlawn Ave Sch
Little Bear Park
Corona Ave Sch
Veterans Park
BELL
Bell High Sch
City Park
Hospital
Recreation Center
Pritchard Field
Fire Station



MONITORING WELLS

WATKINS TRUCK TERMINAL
4500 BANDINI BLVD. VERNON

o13 MONITORING WELL
•4 WELL LOGGED BY GEOLOGIST

JULY 1984

W. W. SCOTT, GEOLOGIST

ATTORNEY-CLIENT PRIVILEGED WORK PRODUCT

RECEIVED
FEB 24 1992
HEALTH AND ENVIRONMENTAL CONTROL SECTION

Report of Findings Subsurface Soil Investigation

Prepared for:

Watkins Motor Lines, Inc.

4500 Bandini Boulevard
Vernon, CA 90040

DECEMBER 91

Prepared by:

ERM-West, Inc.
1920 Main Street, Suite 600
Irvine, CA 92714

TABLE OF CONTENTS

	Page
LIST OF FIGURES	iii
SECTION 1	
INTRODUCTION	1-1
Site Description	1-1
Site History	1-1
Purpose of Investigation	1-2
SECTION 2	
INVESTIGATION ACTIVITIES	2-1
Soil Gas Survey	2-1
Location and Purpose of Soil Gas Survey	2-1
Soil Gas Sampling Methodology	2-1
Soil Borings	2-2
Soil Sampling Methodology	2-2
Field Screening (Headspace Tests)	2-3
Field Quality Assurance/Quality Control Procedures	2-3
Soil Gas Sampling QA/QC	2-4
Soil Sampling QA/QC	2-4
Health and Safety	2-5
SECTION 3	
INVESTIGATION RESULTS AND CONCLUSIONS	3-1
Local Lithologic Conditions	3-1
Results of Soil Gas Survey	3-1
Results of Subsurface Soil Sampling	3-2
Conclusions	3-2
APPENDIX A	
DRILLING LOG	
APPENDIX B	
CHAIN-OF-CUSTODY FORMS	

APPENDIX C
SOIL GAS SURVEY REPORT

APPENDIX D
LABORATORY DATA SHEETS

LIST OF FIGURES

Figure		Following Page
FIGURE 1-1	Site Location Map	1-1
FIGURE 1-2	Site Plan Map	1-1
FIGURE 2-1	Soil Gas Survey Points	2-1
FIGURE 2-2	Soil Boring Locations	2-2

SECTION 1

INTRODUCTION

Watkins Motor Lines, Inc. (Watkins) retained ERM-West, Inc. (ERM-West) to conduct an investigation of subsurface soil at the Watkins facility located at 4500 Bandini Boulevard in Vernon, California (Figure 1-1). This investigation was conducted to evaluate the potential impact on soils below the Watkins facility resulting from leaking underground storage tanks (USTs) formerly located on an adjacent property, as well as any impact resulting from remedial activities that were conducted after the removal of the USTs. The adjacent property, which is located immediately east and north of the Watkins facility at 4528 Bandini Boulevard, is owned by the City of Vernon. Dewitt Transfer and Storage Company formerly leased the adjacent property (Dewitt facility) from the City of Vernon.

This report presents the field operations, data collection, analytical results, and interpretation from the investigation. This section provides a description of the site location and setting, and the site history, and the purpose of this investigation.

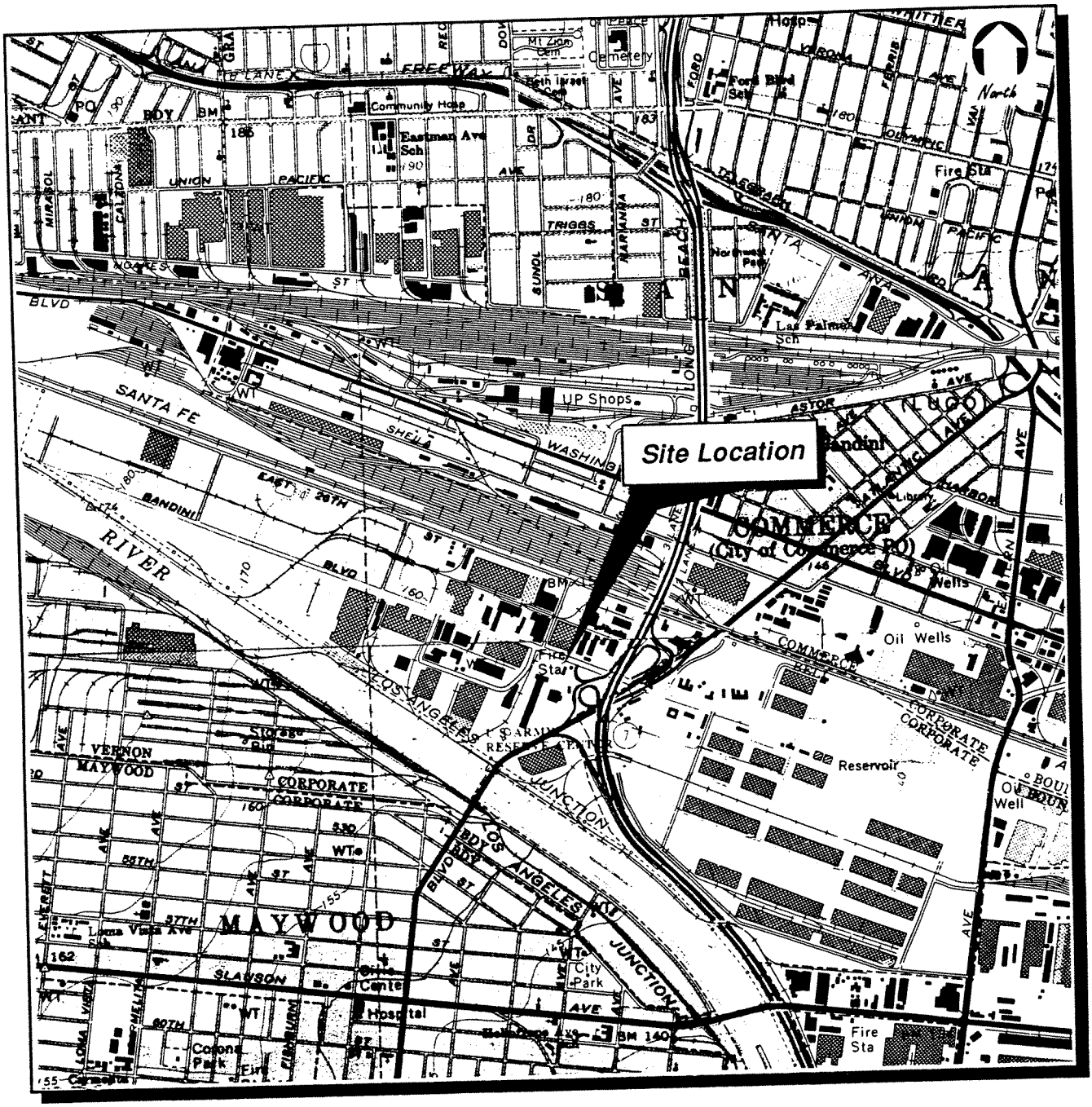
Site Description

The Watkins facility is located approximately 1,000 feet west of the Long Beach Freeway (Interstate 710) in an industrial section of Vernon, California. The Watkins facility is used by Watkins as a truck storage, maintenance, and loading facility. The Dewitt facility was formerly used to provide long distance moving and storage services in addition to truck repair and servicing.

The general Watkins facility area lies within the north-central portion of the coastal plain of Los Angeles County. The Watkins facility is located approximately one-half mile northeast of the Los Angeles River channel, approximately four and one half miles north of the confluence of the Los Angeles and Rio Hondo Rivers. Annual precipitation in Vernon is approximately 14 inches.

Site History

In August 1990, three USTs were removed from the Dewitt facility. These USTs included one 550-gallon diesel fuel tank, one 1,000-gallon



Scale 1"=2000'

0 2000'

Base From USGS
7.5 Minute Topographic Map Series
Soutn Gate (1964) & Los Angeles (1966),
California, Quadrangles
(photorevised 1981)

FIGURE 1-1
SITE LOCATION MAP
WATKINS MOTOR LINES
VERNON, CALIFORNIA

ERM-West, Inc. 12/91
1445/DMPV-10.10.91

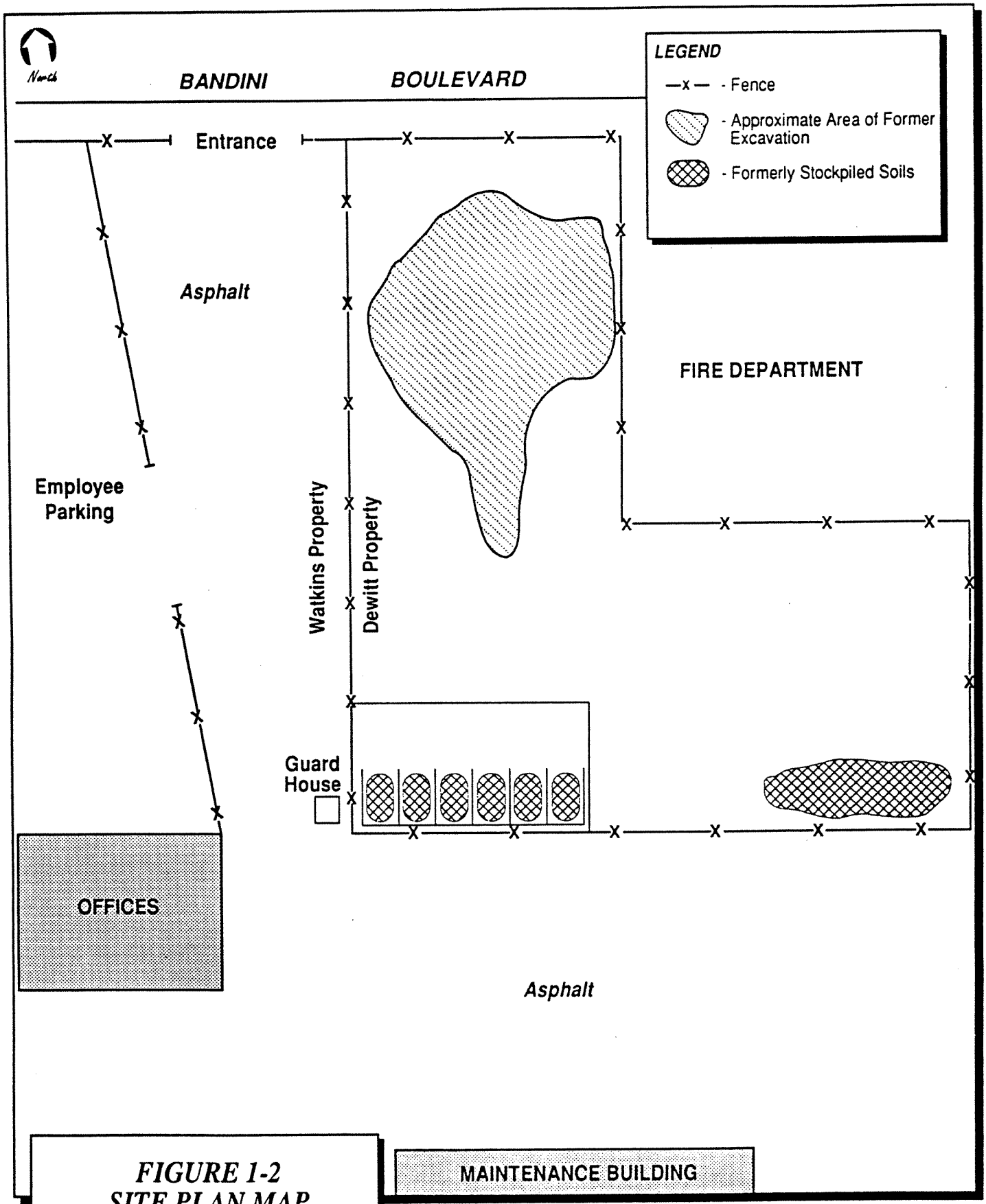


FIGURE 1-2
SITE PLAN MAP
WATKINS MOTOR LINES
VERNON, CALIFORNIA

Scale in Feet
0 50'

ERM-West, Inc. 11/91
1445/DMPV- 10.10.91

gasoline tank and one 12,000-gallon diesel fuel tank. The 12,000-gallon diesel tank was found to have released product to the subsurface, prompting Dewitt to conduct a remedial program under the oversight of the City of Vernon. This resulted in excavation of impacted soil to approximately 60 feet below ground surface in the vicinity of the former UST (Figure 1-2). Information obtained by a review of city records indicated that soil recovered from the excavation contained up to 61,000 milligrams per kilogram (mg/kg) of total petroleum hydrocarbons (TPHs). Prior to disposal, the excavated soil was stockpiled at locations along the property boundary between the site and the former Dewitt facility as shown on Figure 1-2.

Purpose of Investigation

The objective of this investigation was to assess the impact on the soils underlying the Watkins facility, if any, resulting from the former leaking UST located at the Dewitt facility and/or from the stockpiling of affected soils adjacent to the Watkins facility.

SECTION 2

INVESTIGATION ACTIVITIES

This section presents all field activities associated with this investigation. All field work was performed between September 5 and October 1, 1991. During this period, ERM-West conducted a soil gas survey and drilled five soil borings. Section 2 describes the location and purpose of the soil gas samples and soil borings, the sampling methodologies, and a summary of the quality assurance and quality control (QA/QC) procedures followed in the field. Section 2 also describes how the Health and Safety Plan (HSP) was implemented.

Soil Gas Survey

A focused soil gas survey consisting of 17 soil gas measurement points at 14 different surface locations was performed to evaluate the shallow soil conditions on the Watkins facility adjacent to the former Dewitt facility. The locations of the soil gas measurements and the sampling methodology are discussed below.

Location and Purpose of Soil Gas Survey

The locations of the soil gas measurement points are shown on Figure 2-1. Soil gas measurements were collected at depths ranging from 9 to 17 feet. The locations of the soil gas measurement points were chosen primarily to assess potential areas of impact resulting from the previous leaking UST at the Dewitt facility, as well as the potential impact resulting from the stockpiling of affected soils along the property boundary between the Watkins facility and the former Dewitt facility. These measurements were collected at regular intervals along the north-south and the east-west property boundaries between the Watkins facility and the former Dewitt property.

Soil Gas Sampling Methodology

Sampling was performed by hydraulically pushing one half-inch diameter galvanized steel vapor probes to depths ranging from 9 to 17 feet below grade. An electric rotary hammer drill was used to drill a one-inch diameter boring through the overlying asphalt to allow

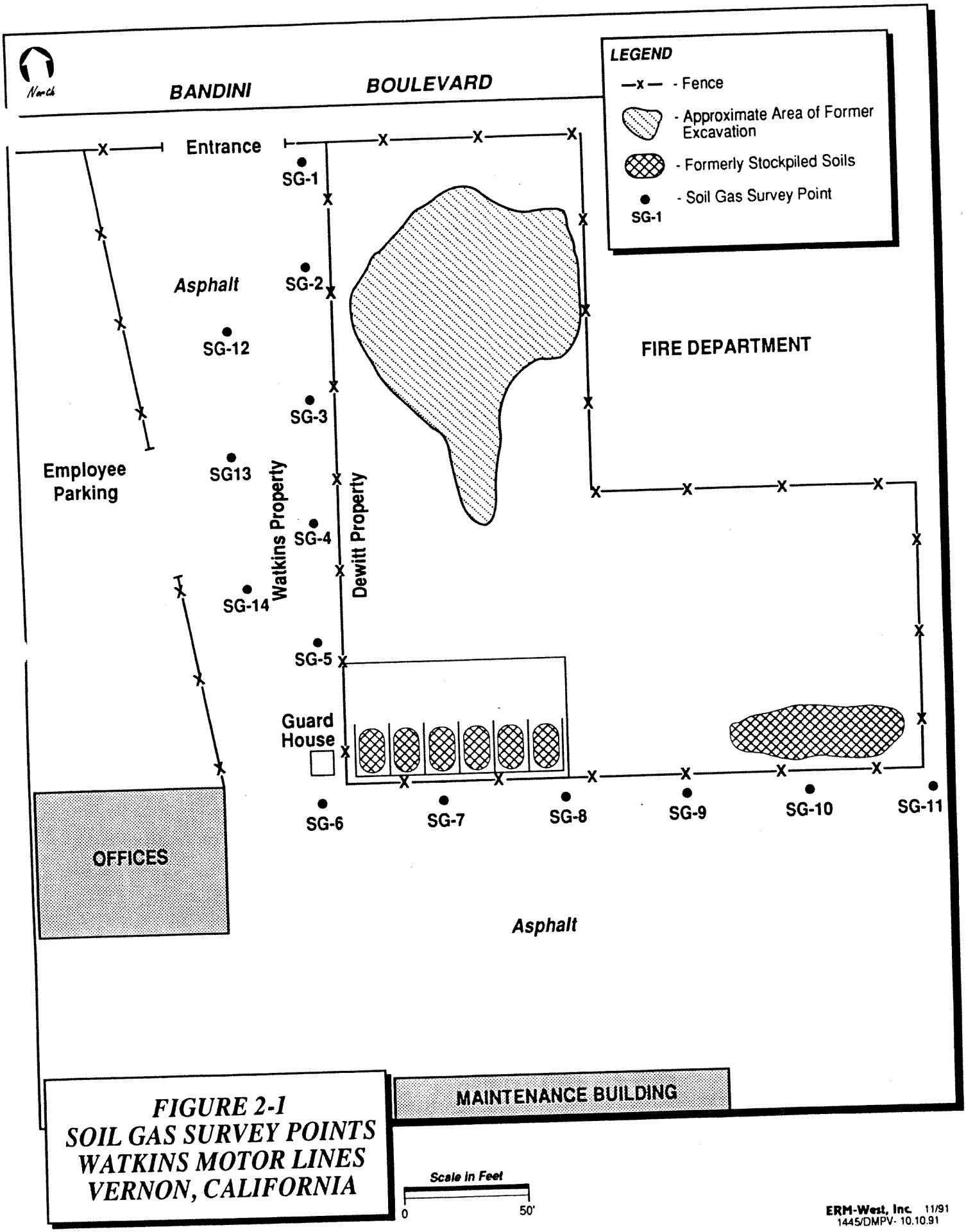


FIGURE 2-1
SOIL GAS SURVEY POINTS
WATKINS MOTOR LINES
VERNON, CALIFORNIA

ERM-West, Inc. 11/91
1445/DMPV- 10.10.91

probe placement. The same electric hammer drill was used to push probes in areas of resistance during placement.

At each sampling location an electric vacuum pump (drawing approximately 5 liters per minute) was attached to the probe and purged for one minute prior to sample collection. Samples were obtained in Hamilton, 1.0 milliliter gas-tight syringes by puncturing silicone tubing which connects the sampling probe and the vacuum pump. New silicone tubing was used at each sampling point to prevent cross contamination. Samples were immediately injected into a gas chromatograph after collection. Prior to placement, each probe was checked by collecting a blank sample through the entire sampling system. If contamination was detected in these blanks, corrective action was taken to try to eliminate the source, and additional blanks were then collected and analyzed. If attempts to eliminate the source of contamination were unsuccessful, the quantities were evaluated as to their effects on the actual results.

All analyses were performed on a laboratory grade Hewlett Packard model 5890 Series II gas chromatograph equipped with both a photo-ionization detector (PID) and a flame ionization detector (FID). Restec wide-bore capillary columns using hydrogen and nitrogen as the carrier gases were used to perform all analyses. The results were collected on a 80386-based personal computer utilizing Hewlett Packard's PC-based chromatographic data collection and handling system.

Soil Borings

On September 30 and October 1, 1991, five soil borings were drilled to collect representative subsurface soil samples at the Watkins facility at the locations shown on Figure 2-2. Soil borings SB-1 and SB-2 were drilled to a depth of approximately 60 feet below grade. The locations of soil borings SB-1 and SB-2 were selected to evaluate the potential impact resulting from the former leaking UST on the Dewitt Facility. Soil borings SB-3, SB-4, and SB-5 were drilled to a depth of approximately 10 feet below grade and locations were selected to evaluate the potential impact to the Watkins facility resulting from the stockpiling of TPH-impacted soil adjacent to the property boundary between Watkins facility and the former Dewitt facility.

Soil Sampling Methodology

Soil samples were collected from soil borings using a truck-mounted drilling rig equipped with hollow-stem, continuous-flight augers. Soil sampling was conducted at five-foot intervals with a California-modified split-spoon soil sampler inside the hollow-stem augers. The

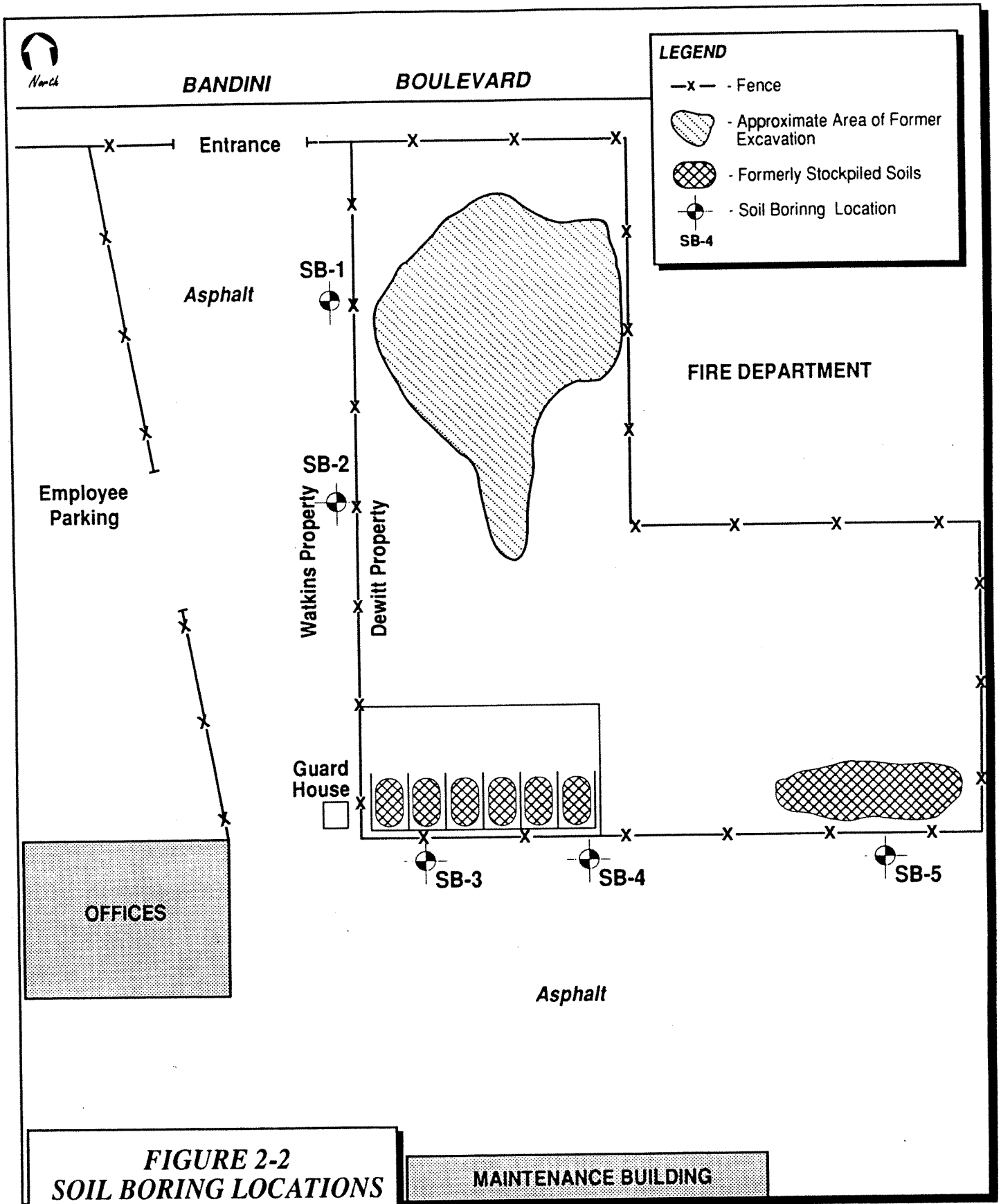


FIGURE 2-2
SOIL BORING LOCATIONS
WATKINS MOTOR LINES
VERNON, CALIFORNIA

Scale in Feet
0 50'

ERM-West, Inc. 11/91
1445/DMPV- 10.10.91

use of hollow-stem augers provided for sample integrity by preventing the cave-in of uphole soils to the bottom of the boring during drilling. The soil sampler was driven into the soil ahead of the augers using a 140-pound hammer dropping 30-inches. The number of blows required to drive the sampler each 6-inch interval was noted on the drilling logs. This sampling technique allowed the collection of relatively undisturbed soil samples.

Soil recovered from one brass sample tube at each sampling interval was examined for soil classification and lithologic description. Soil was examined visually and classified according to the Unified Soil Classification system. A drilling log was maintained which recorded the vertical variations in lithology, water-content, odor, color, texture, and organic vapor concentrations of the soils (Appendix A).

One of the three soil sample tubes recovered from each sampling point was preserved for possible laboratory analysis by covering each end of the tube with a film of Teflon® tape secured in place by a plastic cap to provide an airtight seal. Following labeling, sealed samples were refrigerated at the site in a cooler containing pre-frozen Blue Ice® packets. Soil sample tubes were protected from potential exposure to the Blue Ice® and each other by placing them in sealed Glad-Lock® bags. Chain-of-custody forms were completed at the time of sampling and accompanied the samples to the laboratory (Appendix B).

Field Screening (Headspace Tests)

Recovered samples were screened in the field by using the headspace test method to determine the concentration of organic vapors. A Sensidyne FID was used during the drilling of soil borings SB-1 and SB-2 and a 580B Thermo Environmental PID was used during the drilling of soil borings SB-3, SB-4, and SB-5. Portions of each sample collected were placed in a Glad-Lock® bag. The bag was sealed and placed in direct sunlight for approximately 15 minutes to encourage volatilization of chemical constituents. Following this equilibration period, the total organic vapor concentration in the sample headspace was measured with the PID calibrated to benzene. This data was recorded as a function of depth and instrument reading on the drilling logs (Appendix A).

Field Quality Assurance/Quality Control Procedures

The QA/QC procedures described in this section provide a system of checks designed to minimize errors and to ensure that all work is of reasonable quality. Although QA/QC is an important component of

each aspect of a project, it is of fundamental importance in the collection and analysis of soil and soil gas samples. The following paragraphs describe the QA/QC procedures that were followed to ensure that the field samples obtained were precise and representative of actual conditions.

Soil Gas Sampling QA/QC

Field QA/QC procedures for soil gas sampling included:

- Using new sampling probes and extractable tips at each sampling location;
- Using probe adapters only once during the course of the day and steam cleaning them at the end of the work day off site;
- Replacing silicone tubing connecting the adapter to the vacuum pump as needed to insure proper sealing around the syringe needle;
- Replacing septa through which the soil gas samples were injected into the chromatograph at the beginning of the day to prevent possible gas leaks from the chromatographic column;
- Calibrating analytical instruments prior to daily data collection;
- Running system blanks to check the sampling apparatus for contamination prior to sampling;
- Decontaminating sampling syringes prior to beginning work and before reusing them; and
- Monitoring soil gas pumping by a vacuum gauge to insure that an adequate gas flow from the soil zone of interest was maintained.

Soil Sampling QA/QC

Field QA/QC procedures for soil sampling included:

- Complete steam cleaning of drilling equipment prior to each drilling;
- Cleaning sampler and sample tubes by Alconox® solution prior to soil sampling;
- Using disposable gloves during sampling procedures to reduce chances of cross contamination; and

- Preparing sample labels carefully and cross-comparing against chain-of-custody lists and field notes.

Health and Safety

The HSP was designed to establish guidelines for the safe performance of field activities. The HSP provided information concerning potentially hazardous materials that might have been encountered at the site, as well as the nature of any physical hazards that might have been present. The HSP was also necessary to provide workers with the location of local medical facilities, in the event a medical emergency had occurred.

The site safety officer was responsible for ensuring that the HSP was implemented during all field operations at the site and the subcontractor personnel were briefed for proper implementation of the HSP.

Specific safety measures adapted during the field work included:

- Using proper personal protective equipment (hard hats, steel-toed boots, and gloves);
- Monitoring breathing space around the working area with a PID or FID;
- Observing regular rest intervals and consuming plentiful supplies of fluids to guard against the effects of heat stress;
- Notifying the appropriate underground utility alert service about site activities to ensure that the locations of underground lines were identified prior to field work; and
- Exercising caution in locating and setting up the soil gas survey van and the drilling rig to avoid encountering underground and overhead utility lines.

SECTION 3

INVESTIGATION RESULTS AND CONCLUSIONS

This section presents the results and conclusions of this investigation. This discussion includes a summary of the soil conditions at the site and the results from the chemical analyses of both soil and soil gas samples.

Local Lithologic Conditions

The Watkins facility lies within the flood plain of the Los Angeles River. The soil data collected during this investigation was confined to the upper 60 feet of the subsurface. The soils within this zone were found to consist primarily of silty sand and sandy silt with medium to dark brawn, and fine to very fine grained. The sandy silt was generally dark brown, dry, soft to firm, micaceous, and contained sand ranging from fine to very coarse grained. Ground water was not encountered at any of the sampling locations during this investigation.

Results of Soil Gas Survey

The Soil Gas Survey Report is included in Appendix C. The soil gas samples were analyzed for total volatile petroleum hydrocarbons (TVPHs) with a FID and benzene, toluene, ethylbenzene, and xylene (BTEX) with a PID.

The results of the soil gas survey indicated that no detectable TVPHs or BTEX exist in subsurface soils at the tested locations. One soil gas sample (SG-02-B), collected at 17 feet below ground surface, indicated three unknown compounds. A one point calibration using seven common solvents was run in an attempt to tentatively identify these unknowns. The one unknown compound indicated by the FID could not be identified, the two unknowns indicated by the PID were reported as potentially trichoroethene and tetrachloroethene, however, these chemicals could not be quantified.

Results of Subsurface Soil Sampling

All soil samples collected were analyzed for gasoline, kerosene, and diesel by EPA method 8015 modified. As recorded on the drilling logs, no organic vapors were detected by a FID or PID in the soil samples during the headspace screening test. The FID indicated readings (up to 270 parts per million) at the open holes of soil borings SB-1 and SB-2 at approximately 25 feet. However, the FID detects a wide range of substances, including methane, and can be affected by other inorganic vapors, such as water vapor. To further evaluate the soil conditions, the soil samples collected from soil borings SB-1 and SB-2 at approximately 25 feet were analyzed for volatile organic compounds by EPA method 8240. The analytical results indicated that no chemical constituents analyzed were detected at reportable levels in the soil samples. The laboratory data sheets are included in Appendix D.

Conclusions

Based on the results of the soil gas survey and soil sampling, ERM-West concludes the following:

- TPHVs are not present at the 14 locations tested by the soil gas survey.
- TPHVs were not detected in soil samples collected from the five soil borings. Volatile organic compounds were not detected in the soil samples from soil borings SB-1 and SB-2 at 25 feet.
- It is possible that low concentrations of unidentified solvents exist in the subsurface in a localized area near soil borings SB-1 and SB-2. However, based on headspace screening and chemical analyses performed on the soil samples, such potential concentrations are likely below standard laboratory detection limits for soil analyses and are not considered significant.
- It appears unlikely that the soil underlying the Watkins facility was impacted by the former leaking UST or associated remedial activities at the Dewitt facility.

UST Compliance Group
A Premier Resources Inc. Company

22 January 1993

Mr. Lance Collins
Director of Real Estate
Watkins Motor Lines, Inc.
1144 W. Griffin Road
Lakeland, Florida 33804-5002

Subject: Underground Storage Rank Removal Soil Sample Analysis - Watkins Motor Lines Inc., 4500 Bandini Boulevard, Vernon, California

Dear Mr. Collins:

In accordance with your request we are submitting a closure report in conjunction with the removal of underground storage tanks at the referenced address.

The site is located in a relatively flat industrial area (Figure 1 - Location Map, 7.5 Minute South Gate and Los Angeles Quadrangles USGS Topographic Series, 1981). The estimated depth to ground water is 137.5 feet based on information from the Department of Public Works - Hydrologic Section, Well No. 2829-C, measured in April 1992, and located approximately 1/4-mile southwest of the site.

Two 12,000 gallon steel diesel fuel tanks, two 10,000 gallon steel gasoline tanks, two 5,000 gallon steel motor oil tanks, and one 1,000 gallon steel waste oil tank were removed from three separate excavations on 4 January 1993 (Figure 2 - Site Plan). Prior to removal the tanks were triple-rinsed, and the rinseate was transported under manifest to Industrial Services Co. (Manifest Nos. 90842680 and 90842750 attached). The tanks were intact when removed from the excavations. The tanks were subsequently transported to Jenkins Equipment Service, Inc. for disposal (Certificate of Demolition attached).

Sampling was performed on 4 and 14 January 1993 under the direction of Mr. Jim Wilcox of the City of Vernon - Health and Environmental Control (HEC). The sample number, sample location, and date of collection are summarized in Table 1. Sample locations are also depicted on Figure 2. All samples were collected at depths of 2 to 4 feet below the soil surface.

For each sample, soil was compacted into a capped brass sleeve or a glass jar. Each sleeeve and jar was completely filled without any headspace prior to sealing. The samples were subsequently transported in a chilled container to Weck Laboratories, Inc. (WLI) for analysis.

14760 Valley Boulevard, City of Industry, California 91744
Tel 818/961-0914 or 800/445-1079 Fax 818/961-2025

Los Angeles · Sacramento · San Diego · San Jose · Hawaii

Samples 1 through 10, FD1, FD2, SP-1 through SP1-5, and SP2-1 were analyzed for total petroleum hydrocarbons as diesel fuel (TPH-d) in accordance with EPA method 8015-modified for diesel fuel. Samples 3, 7 through 10, FD1, FD2, SP-1, and SP-2 were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) in accordance with EPA method 8015-modified for gasoline. Purgeable aromatic hydrocarbons (benzene, toluene, ethylbenzene, and xylene or BTE&X) were analyzed of Samples 1 through 10, FD1, FD1, SP1-1 through SP1-5, and SP2-1 performed in accordance with EPA method 8020. The total recoverable petroleum hydrocarbons (TRPH) was performed in accordance with EPA method 418.1 on Samples 1 through 6, and 11 through 15. Total lead (EPA method 7420) was analyzed from Samples 7 through 10, FD1, and FD2. Volatile organic compounds (VOC) were analyzed on Sample 11 in accordance with EPA method 7420 and total lead in accordance with EPA methods 8015-modified for diesel fuel, 8020, and 7420.

Elevated levels of TPH-d were detected at concentrations ranging from 199 to 22,600 mg/kg parts per million or (ppm) in Samples 1, 4, 7, 9, SP1-2, SP1-4 and SP1-5. TPH-g was below the detection limits in all samples analyzed for that constituent. BTE&X compounds were only detected in Samples 1 and 7 at levels ranging from below reporting limits to 53.7 mg/kg. Samples 1 and 4 indicated elevated levels of TRPH at 11,500 and 16,600 mg/kg, respectively. Samples analyzed for total lead indicated background levels 1.92 to 3.4 mg/kg. VOC compounds were below reporting limits in Sample 11. A summary of the analytical results are included in Table 2. The laboratory results (WLI Lab #9300066 to 9300083 and #9300550 to 9300554) and chain of custody forms are attached.

Based on the elevated levels of TPH-d along the western side of the excavation formerly containing the diesel fuel and gasoline tanks, we believe that the HEC will require further assessment/mitigation of the soil. The non-detection to trace levels of contaminants from the waste oil tank excavation and the new motor oil tanks excavation should warrant closure of both these areas.

TPH-d was detected in the large spoils pile at levels ranging from 21.6 4,490 mg/kg. We recommend disposing this soil to an appropriate class landfill facility.

The opportunity to prepare this report is greatly appreciated. Please contact our office if you have any questions.

Sincerely,

UST COMPLIANCE GROUP, INC.

Susan Murphy, Sales Manager
UST Compliance Group, Inc.

Joshua Ong Ph.D., President
Registered Geologist No. 4725
Advanced GeoEnvironmental, Inc.

REGISTERED GEOLOGIST
Joshua Ong, Ph.D.
No. 4725
Expires 7/94
STATE OF CALIFORNIA

Robert D. Loeffler, Project Geologist
Advanced GeoEnvironmental, Inc.

Enclosures
cc: (3) addressee

TABLE 1
SAMPLE INFORMATION
4500 BANDINI BOULEVARD

SAMPLE NUMBER	SAMPLE LOCATION	DATE COLLECTED
1	Northern 12,000 gallon diesel tank, west end	4 January 1993
2	Northern 12,000 gallon diesel tank, center	4 January 1993
3	Northern 12,000 gallon diesel tank, east end	4 January 1993
4	Southern 12,000 gallon diesel tank, west end	4 January 1993
5	Southern 12,000 gallon diesel tank, center	4 January 1993
6	Southern 12,000 gallon diesel tank, east end	4 January 1993
7	Northern 10,000 gallon gasoline tank, west end	4 January 1993
8	Northern 10,000 gallon gasoline tank, east end	4 January 1993
9	Southern 10,000 gallon gasoline tank, west end	4 January 1993
10	Southern 10,000 gallon gasoline tank, east end	4 January 1993
11	1,000 gallon waste oil tank, center	4 January 1993
12	Southern 5,000 gallon motor oil tank, west end	4 January 1993
13	Southern 5,000 gallon motor oil tank, east end	4 January 1993
14	Northern 5,000 gallon motor oil tank, west end	4 January 1993
15	Northern 5,000 gallon motor oil tank, east end	4 January 1993
FD1	Southern fuel dispenser	14 January 1993
FD2	Northern fuel dispenser	14 January 1993
SP1-1	Spoils pile 1	4 January 1993
SP1-2	Spoils pile 1	4 January 1993
SP1-4	Spoils pile 1	14 January 1993
SP1-5	Spoils pile 1	14 January 1993
SP1-6	Spoils pile 1	14 January 1993
SP2-1	Spoils pile 2	4 January 1993

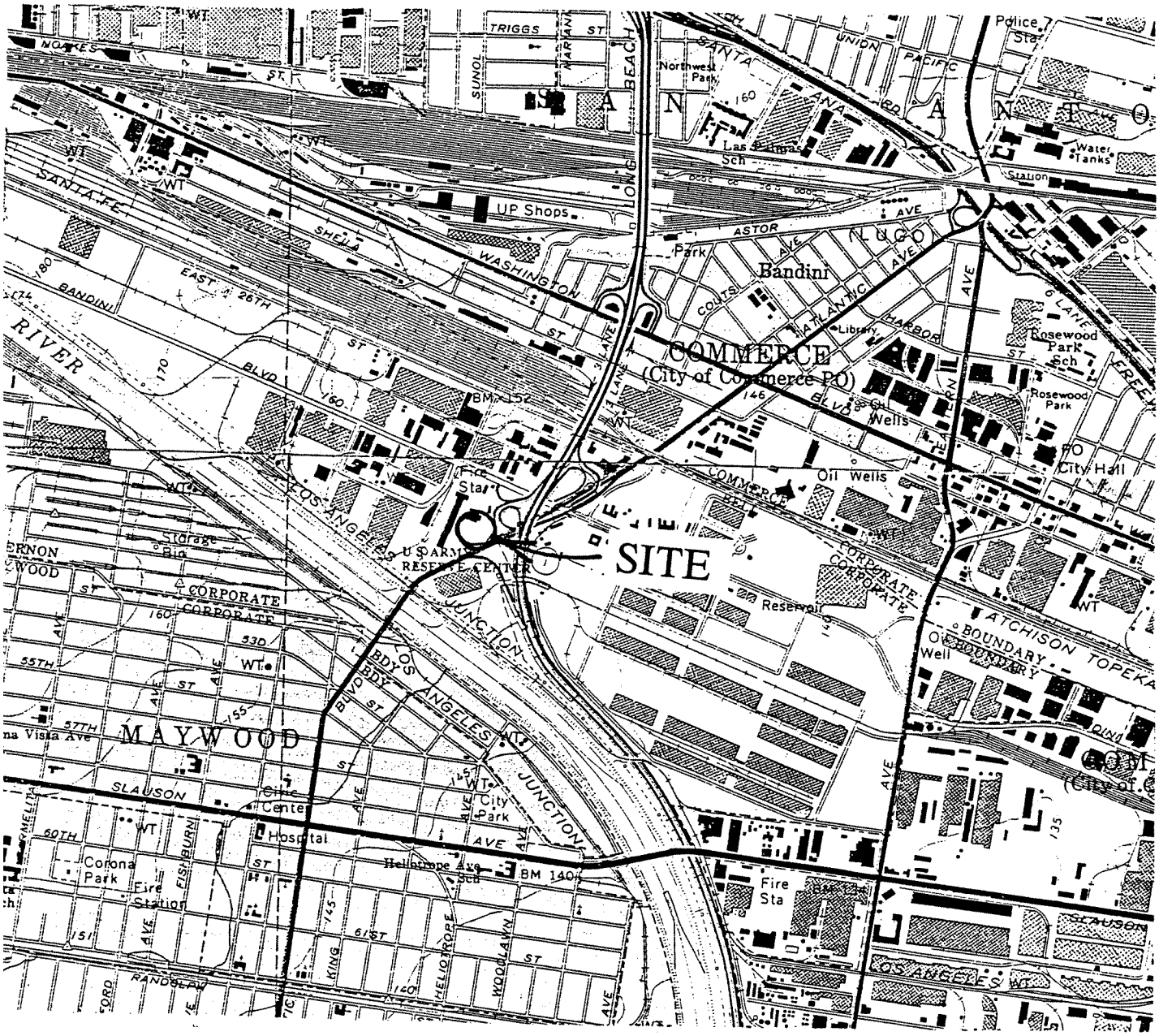
TABLE 2
ANALYTICAL RESULTS*
4500 BANDINI BOULEVARD

SAMPLE NUMBER	TPH-g	TPH-d	BENZENE	TOLUENE	ETHYL BENZENE	XYLENES	TRPH	TOTAL LEAD
1	--	6,230	1.37	1.22	17.8	53.7	11,500	--
2	--	<10	<0.005	<0.005	0.009	0.026	<20	--
3	<0.5	<10	<0.005	<0.005	<0.005	<0.005	<20	--
4	--	22,600	1.75	<0.5	9.64	42.3	16,600	--
5	--	94.4	<0.005	<0.005	<0.005	<0.005	48	--
6	--	<10	<0.005	<0.005	<0.005	<0.005	<20	--
7	<200	11,100	<1	<1	2.54	4.46	--	2.77
8	<0.5	<10	<0.005	<0.005	<0.005	<0.005	--	3.22
9	<200	17,900	<0.005	<0.005	<0.005	<0.005	--	3.21
10	<0.5	<10	<0.005	<0.005	<0.005	<0.005	--	3.4
11**	--	--	<0.0025	<0.0025	<0.0025	<0.0025	<20	--
[illegible]	--	--	--	--	--	--	110	--
13	--	--	--	--	--	--	<20	--
14	--	--	--	--	--	--	<20	--
15	--	--	--	--	--	--	<20	--
FD1	<0.5	<5	<0.005	<0.005	<0.005	<0.005	--	1.92
FD2	<0.5	<5	<0.005	<0.005	<0.005	<0.005	--	2.21
SP1-1	<0.5	21.6	<0.005	<0.005	<0.005	<0.005	--	--
SP1-2	<50	4,490	<0.005	<0.005	<0.005	<0.005	--	--
SP1-3	--	53.7	<0.050	<0.050	<0.050	<0.050	--	--
SP1-4	--	412	<0.1	<0.1	<0.1	<0.1	--	--
SP1-5	--	199	<0.005	<0.005	<0.005	<0.005	--	--
SP2-1	--	<10	<0.005	<0.005	<0.005	<0.005	--	--

* Results in mg/kg (ppm).

** Sample 11 also analyzed for volatile organic compounds (VOC): VOC were not detected (see laboratory results.

-- Not analyzed.



UST COMPLIANCE GROUP, INC.

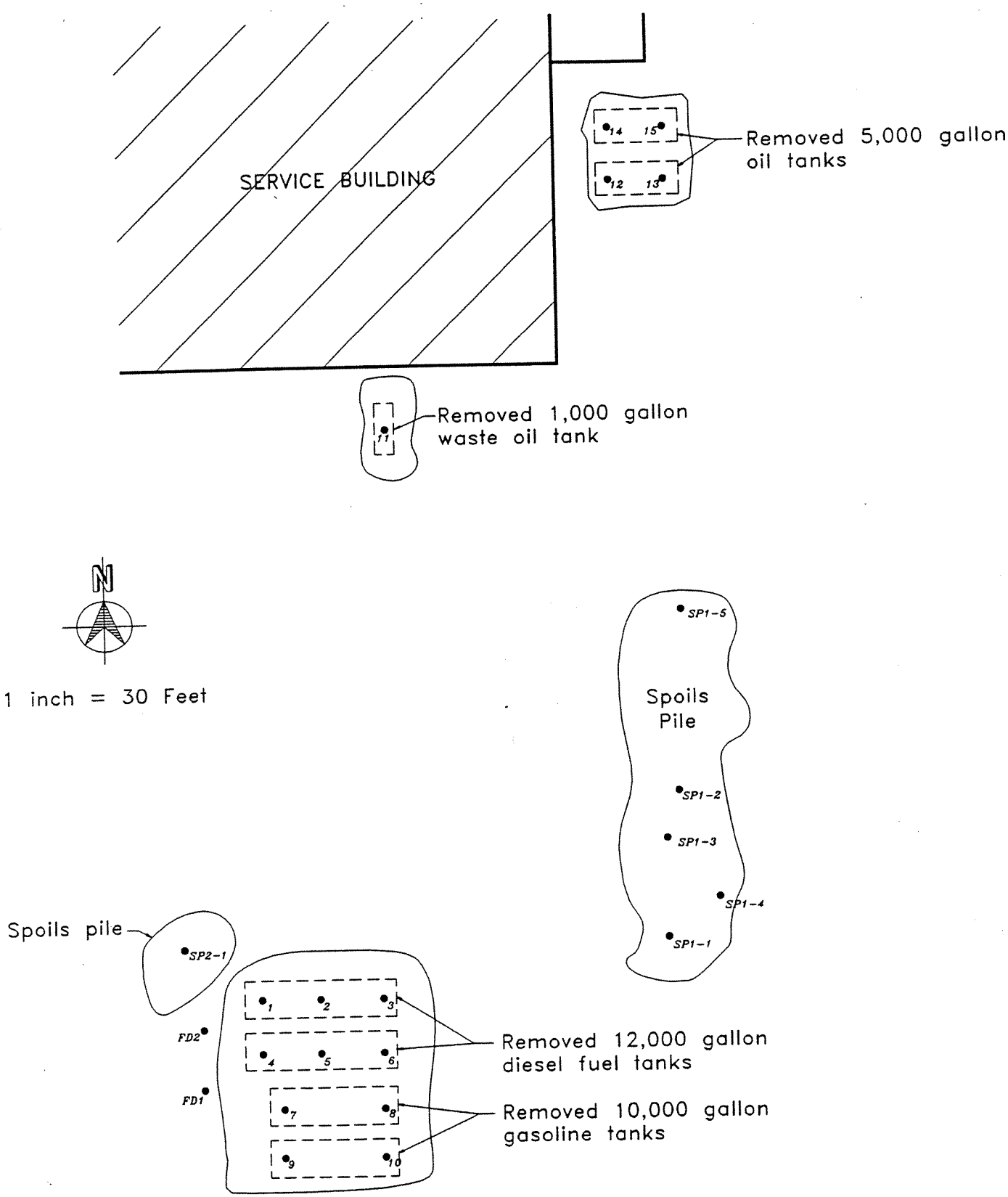
13200 Crossroads Parkway North Suite 260
City of Industry, California 91746

FIGURE 1 - LOCATION MAP

South Gate and Los Angeles
7.5 Minute Quadrangles
USGS Topographic Series

Map Date:
1981

22 January 1993



UST COMPLIANCE GROUP, INC.

13200 Crossroads Parkway North Suite 260
City of Industry, California 91746

FIGURE 2 - SITE PLAN

Watkins Motor Lines, Inc.
4500 Bandini Boulevard
Vernon, California

Report Date:
22 January 1993

Removal Date:
4 January 1992

RECEIVED
FEB 23 1993
HEALTH AND ENVIRONMENTAL
CONTROL SECTION

Soil Excavation Workplan

Watkins Motor Lines
4500 Bandini Boulevard
Vernon, California

February 22, 1993 BEI Job No. 93036

Prepared by:

Blymyer Engineers, Inc.
1829 Clement Avenue
Alameda, CA 94501-1395

Client:

Watkins Motor Lines
1144 West Griffin Road
Lakeland, FL 33804

Limitations

Services performed by Blymyer Engineers, Inc. have been provided in accordance with generally accepted professional practices for the nature and conditions of similar work completed in the same or similar localities, at the time the work was performed. The scope of work for the project was conducted within the limitations prescribed by the client. This report is not meant to represent a legal opinion. No warranty, expressed or implied, is made. This report was prepared for the sole use of Watkins Motor Lines.

Sue Black
Vice President, Environmental Services

Harry Short
Registered Geologist

Table of Contents

1.0 Introduction

1.1 Background 1

2.0 Soil Excavation

2.1 Rationale 3
2.2 Soil Excavation and Soil Sample Collection 3
2.3 Soil Sample Analytical Methods 3

3.0 Soil Disposal

3.1 Stockpiled Soil Characterization 5
3.2 Soil Disposal or Treatment 5

4.0 Final Report 6

Table

Table I: Summary of Soil Sample Analytical Results
Table II: Summary of Trench Soil Sample Analytical Results

Figure

Figure 1: Site Plan

Appendices

Appendix A: Soil Sample Analytical Results, Weck Laboratories, Inc., dated January 7, 1993

1.0 Introduction

1.1 Background

Watkins Motor Lines (WML) retained Blymyer Engineers, Inc. to perform additional soil excavation work as a result of the release of petroleum hydrocarbons from the WML facility located at 4500 Bandini Boulevard, Vernon, California (Figure 1). During the week of January 4, 1993, WML contracted UST Compliance to remove and dispose of seven underground storage tanks (USTs) at the aforementioned facility. The USTs removed included: two 5,000-gallon motor oil tanks, one 1,000-gallon waste oil tank, two 10,000-gallon gasoline tanks, and two 12,000-gallon diesel tanks. Soil sampling and analysis was performed to confirm removal of petroleum-affected soil. Selected soil samples were analyzed for the following compounds: Total Recoverable Petroleum Hydrocarbons (TRPH) using EPA Method 418.1; Total Petroleum Hydrocarbons (TPH) as diesel and gasoline using modified EPA Method 8015; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8020; total concentration of lead using EPA Method 7420; and volatile organics using EPA Method 8240. The analytical results are summarized in Table I and the laboratory data is attached in Appendix A.

Based upon the soil sample analytical results, UST Compliance received a verbal agreement from the City of Vernon Health Department (VHD) that no further action was required in the former location of the motor oil and waste oil USTs. One of the excavations was partially backfilled and the other was completely backfilled by UST Compliance. Soil from the waste oil UST excavation was staged separately from the stockpiled soil generated from the removal of the motor oil USTs. The soil produced from the removal of the motor oil USTs was then segregated into a *clean* pile and a *contaminated* pile as a result of visual observations and photoionization readings.

In addition to the motor oil and waste oil USTs, the removal also involved the gasoline and diesel USTs. Soil sampling and analysis revealed that concentrations of TPH as diesel remained in the soil above the VHD soil cleanup standard of 100 milligrams per kilogram (mg/kg) of TPH

as diesel. Approximately 800 tons of contaminated of soil was generated from the fuel UST excavation, and was combined and staged at the site with the contaminated soil generated from the motor oil UST excavation. Some soil samples were collected from the stockpiled soil and analyzed; however, the soil piles have not yet been classified for state and federal hazardous waste characteristics. As a result of the excessive concentrations of TPH as diesel, WML authorized UST Compliance to conduct an investigation to determine the vertical and lateral extent of soil contamination in the main fuel UST excavation.

Prior to conducting additional work, approximately 3,000 gallons of stormwater that had collected in the fuel UST excavation were removed and disposed of by UST Compliance. UST Compliance conducted the additional work by excavating eight trenches and collecting and analyzing eight confirmation soil samples. Review of the analytical results of the soil samples collected from the bottom of the fuel UST excavation and trenches revealed that soil sample TS2 exceeded the VHD cleanup standard with a concentration of 232 mg/kg of TPH as diesel. Based on a phone conversation with Mr. Jim Wilcox, VHD, because of the difficulty in excavating to a deeper depth, no additional work would be required. The trench soil sample analytical results are summarized in Table II.

As a result of the additional soil investigation and the soil sample analytical results from the original fuel UST excavation, UST Compliance estimated that an additional 700 tons of soil would have to be removed from the fuel UST excavation to attain the soil cleanup standard of 100 mg/kg of TPH as diesel.

2.0 Soil Excavation

2.1 Rationale

The laboratory analytical results reveal that excessive levels of TPH as diesel exist in the soil of the fuel UST excavation. It was estimated by UST Compliance that an additional 700 tons of petroleum-affected soil will need to be removed from the fuel UST excavation to achieve the soil cleanup standard of 100 mg/kg of TPH as diesel. Blymyer Engineers proposes to excavate any remaining soil that exceeds the VHD cleanup soil standard and collect and analyze confirmation soil samples.

2.2 Soil Excavation and Soil Sample Collection

Approximately 700 tons of petroleum-affected soil will be removed using an excavator having a reach of 25 feet. A photoionization detector will be used to field screen soil samples during the removal. The soil will be stockpiled on the asphalt, which will be cleaned after the soil is either removed and disposed of off-site, or treated on-site, and used as backfill in the fuel UST excavation. Segregation of the soil will be performed concurrently during the excavation. Pending the soil disposal or treatment, the fuel UST excavation will be secured with fencing. This work will be performed in accordance with South Coast Air Quality Management District Rule 1166 compliance monitoring requirements.

It is estimated that 10 discrete soil samples will be collected from the sidewalls and the bottom of the fuel UST excavation. All soil samples will be collected by driving a clean, hollow brass tube into soil. The ends of each brass tube will be covered with Teflon® tape and plastic end caps. The soil samples will then be delivered to an on-site mobile laboratory operated by Geotest.

2.3 Soil Sample Analytical Methods

All soil samples will be analyzed for TRPH, TPH as diesel and as gasoline, and BTEX on a 24-hour turnaround.

3.0 Soil Disposal or Treatment

3.1 Stockpiled Soil Characterization

The soil generated during the excavation work will be separated into 100-ton portions for sampling purposes. Four soil samples will be collected from each portion and composited into one sample by the laboratory. The soil sample composite will be analyzed for TPH as diesel and as gasoline, TRPH, and BTEX. Four of the discrete soil samples will be analyzed for free liquids.

Assuming 1,600 tons of soil are removed, Blymyer Engineers estimates that 16 composite samples will require analysis. If any of the 16 soil samples contain concentrations of TPH as diesel or as gasoline less than 100 mg/kg, the 100-ton portion will be divided into 20-ton portions. A soil sample will be collected from each 20-ton portion and analyzed for TPH as diesel, TPH as gasoline, TRPH, and BTEX. Any 20-ton portion of soil containing less than 100 mg/kg of TPH as diesel or TPH as gasoline will be stockpiled separately for reuse directly as backfill.

In addition to the testing of the soil generated from the fuel UST excavation, the stockpiled soil produced during the removal of the waste oil tank will be characterized by collecting two soil samples and performing analysis for TRPH, TPH as diesel and as gasoline, BTEX, free liquids, 17-CAM metals, and purgeable halocarbons. All of the above analyses will be performed on a 5-day turnaround time.

3.2 Soil Disposal or Treatment

Depending on the total number of tons of petroleum-affected soil generated, the soil will either be treated on-site using the *Good Earth Machine* or treated off-site at TPS Technologies Inc. treatment facility in Adelanto, California.

4.0 Final Report

A report will be prepared documenting all the field activities and soil sampling results. A workplan will be submitted to the VHD prior to the on-site treatment or off-site recycling of the petroleum-affected soil. Upon completion of all the work, a final report will then be submitted to the VHD.

Table I, Summary of Soil Sample Analytical Results
Watkins Motor Lines
4500 Bandini Boulevard, Vernon, California
BEI Job No. 93036

Sample Id.	EPA Method 418.1 (mg/kg)	modified EPA Method 8015 (mg/kg)	modified EPA Method 8015 (mg/kg)	EPA Method 8020 (mg/kg)	EPA Method 8240 (mg/kg)	EPA Method 7420 (mg/kg)
	TRPH	TPH-g	TPH-d	Aromatic Volatiles*	Volatile Organics	Total Lead
Diesel Tank #1, West End	11,500	NA	6,230	Benzene (1.37) Toluene (1.22) Ethylbenzene (17.8) Xylenes (53.7)	NA	NA
Diesel Tank #1, Center	< 20	NA	< 10	Ethylbenzene (0.009) Xylenes (0.026)	NA	NA
Diesel Tank #1, East End	< 20	< 0.5	< 10	< 0.005	NA	NA
Diesel Tank #2, West End	16,600	NA	22,600	Benzene (1.75) Ethylbenzene (9.64) Xylenes (42.3)	NA	NA
Diesel Tank #2, Center	48	NA	94.4	< 0.005	NA	NA
Diesel Tank #2, East End	< 20	NA	< 10	< 0.005	NA	NA
Gasoline Tank #1, West End	NA	< 200	11,100	Ethylbenzene (2.54) Xylenes (4.46)	NA	2.77
Gasoline Tank #1, East End	NA	< 0.5	< 10	< 0.005	NA	3.22
Gasoline Tank #2, West End	NA	< 200	17,900	< 0.005	NA	3.21
Gasoline Tank #2, East End	NA	< 0.5	< 10	< 0.005	NA	3.4
Waste Oil Tank	< 20	NA	NA	NA	ND	NA
New Oil Tank #1, West End	110	NA	NA	NA	NA	NA
New Oil Tank #1, East End	< 20	NA	NA	NA	NA	NA
New Oil Tank #2, West End	< 20	NA	NA	NA	NA	NA
New Oil Tank #2, East End	< 20	NA	NA	NA	NA	NA

TRPH = Total Recoverable Petroleum Hydrocarbons
TPH-d = Total Petroleum Hydrocarbons as diesel
TPH-g = Total Petroleum Hydrocarbons as gasoline
mg/kg = milligrams per kilogram
NA = Not analyzed
ND = Not detected above method detection limit
(x) = Detected concentration
* only concentrations of analytes which were detected are shown
For results presented as <x, x represents the method detection limit

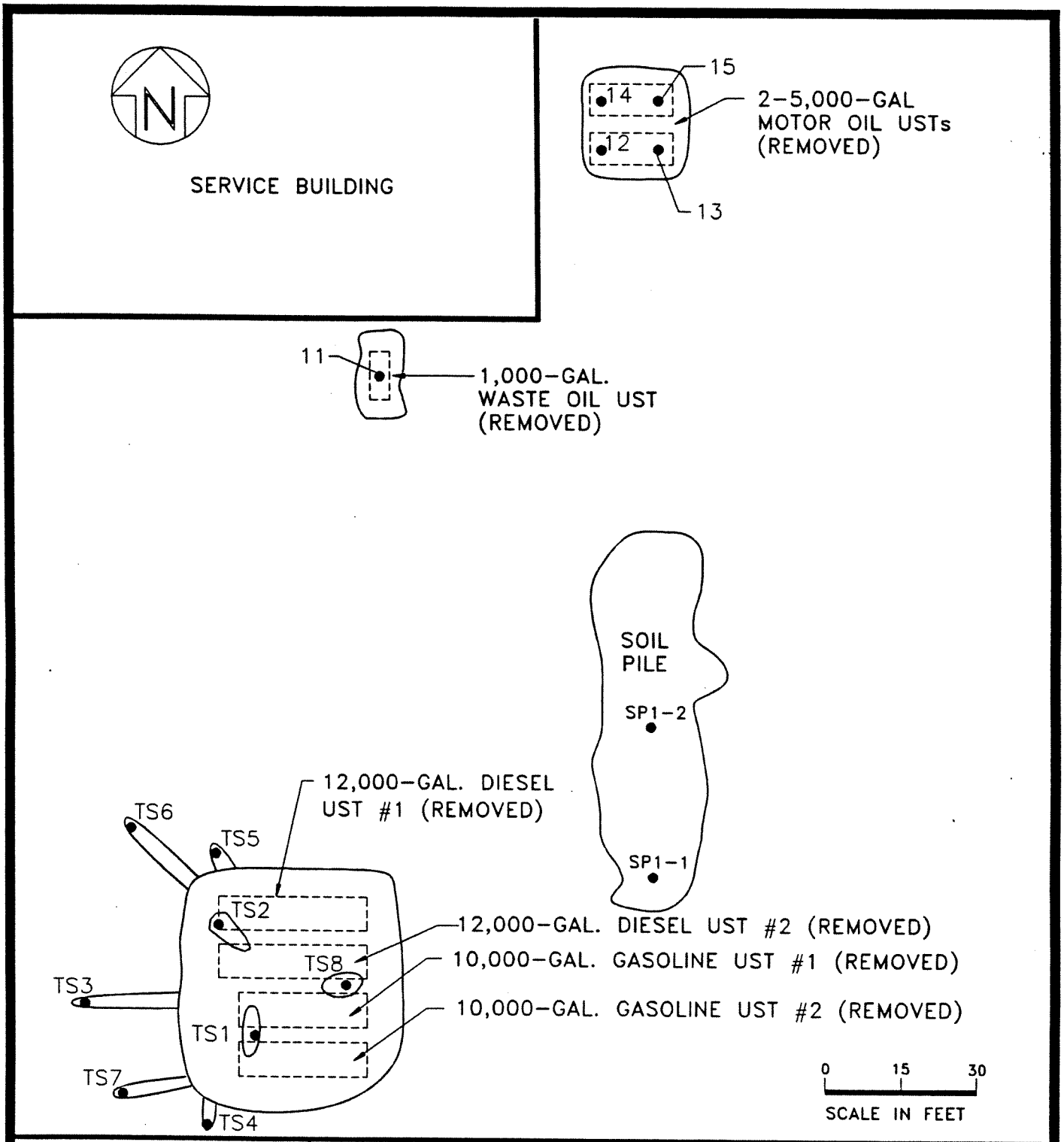
Table 1 - continued, Summary of Soil Sample Analytical Results
Watkins Motor Lines
4500 Bandini Boulevard, Vernon, California
BEI Job No. 93036

Sample Id.	EPA Method 418.1 (mg/kg)	modified EPA Method 8015 (mg/kg)	modified EPA Method 8015 (mg/kg)	EPA Method 8020 (mg/kg)	EPA Method 8240 (mg/kg)	EPA Method 7420 (mg/kg)
	TRPH	TPH-g	TPH-d	Aromatic Volatiles*	Volatile Organics	Total Lead
Spoils Pile #1, SP1-1	NA	< 0.5	21.6	< 0.005	NA	NA
Spoils Pile #1, SP1-2	NA	< 50	4,490	< 0.005	NA	NA
Spoils Pile #2, SP2-1	NA	< 0.5	< 10	< 0.005	NA	NA

TRPH = Total Recoverable Petroleum Hydrocarbons
TPH-d = Total Petroleum Hydrocarbons as diesel
TPH-g = Total Petroleum Hydrocarbons as gasoline
mg/kg = milligrams per kilogram
NA = Not analyzed
(x) = Detected concentration
* only concentrations of analytes which were detected are shown
For results presented as <x, x represents the method detection limit

Table II - Summary of Trench Soil Sample Analytical Results Watkins Motor Lines 4500 Bandini Boulevard, Vernon, California BEI Job No. 93036			
Sample Id.	Sampling Depth (feet)	modified EPA Method 8015 (mg/kg)	EPA Method 8020 (mg/kg)
		TPH-d	Aromatic Volatiles*
TS1	19	77	ND
TS2	23	252	Total Xylenes (1,771)
TS3	15	50	ND
TS4	15	ND	ND
TS5	15	ND	ND
TS6	15	ND	ND
TS7	11	ND	ND
TS8	19	ND	ND

TPH-d = Total Petroleum Hydrocarbons as diesel
mg/kg = milligrams per kilogram
ND = Not detected above the method detection limit
(x) = Detected concentration
* only concentrations of analytes which were detected are shown



BLYMYER ENGINEERS, INC.	LEGEND	PROJECT	FIGURE
BEI JOB NO. 93036 / DATE 2/22/93	• SOIL SAMPLE LOCATION UST UNDERGROUND STORAGE TANK	WATKINS MOTOR LINES VERNON, CA SITE PLAN	1

CITY COUNCIL
LEONIS C. MALBURG
Mayor
THOMAS A. YBARRA
Mayor Pro-Tem
Wm. "BILL" DAVIS
Councilman
H. "LARRY" GONZALES
Councilman
W. MICHAEL McCORMICK
Councilman

BRUCE V. MALKENHORST
City Administrator/City Clerk
FAX: (213) 581-7924

CITY HALL

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058
TELEPHONE (213) 583-8811

DAVID B. BREARLEY
City Attorney
FAX: (818) 330-5818
VICTOR H. VAITS
Director of Community Services & Water
FAX: (213) 588-2761
KENNETH J. DeDARIO
Director of Light & Power
FAX: (213) 583-1983
LARRY SPADT
Fire Chief
FAX: (213) 581-1385
LOUIS ROSENKRANTZ
Police Chief
FAX: (213) 581-1178

In Reply Refer to:

HEALTH AND ENVIRONMENTAL CONTROL

May 27, 1993

Blymyer Engineers, Inc.
1829 Clement Avenue
Alameda, CA 94501-1395
Attn: Sue Black, Vice President
Environmental Services

Dear Ms. Black:

This will confirm our receipt and review of the April 26, 1993 Soil Excavation Report which you recently submitted for Watkins Motor Lines, 4500 Bandini Boulevard, Vernon.

We concur with your conclusion that no further soil removal is needed from the bottom of the fuel tank excavation. However, we cannot concur that no additional subsurface work is required for closure on this site. Additional work is needed to define the extent of the contamination in the area outside of the excavation at approximately 32 to 33 feet below grade surface.

Before beginning the additional subsurface work please submit a work plan for our review and approval to show how you propose to define the contamination.

Your report states that the oil tank excavations were backfilled with self-compacting crushed rock (1/2-inch diameter). Please submit a letter from the property owner stating that the backfill was done with the owner's permission and that the owner understands that before any foundation can be built over the excavation the crushed rock must be replaced with clean compacted soil.

We appreciate your cooperation. If you have any questions or require further information, please contact us.

Sincerely,

Lewis J. Pozzebon,
Health Officer

James Wilcox

James Wilcox, R.E.H.S.
Environmental Health Specialist

JW:cd

xc: Watkins Motor Lines, Inc., 1144 W. Griffin Rd., Lakeland, FL 33804 Attn: Mr. Lance Collins

si:ugtk\watkins2.ltr

CITY COUNCIL
LEONIS C. MALBURG
Mayor
THOMAS A. YBARRA
Mayor Pro-Tem
Wm. "BILL" DAVIS
Councilman
H. "LARRY" GONZALES
Councilman
W. MICHAEL McCORMICK
Councilman

BRUCE V. MALKENHORST
City Administrator/City Clerk
FAX: (213) 581-7924

CITY HALL

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058
TELEPHONE (213) 583-8811

DAVID B. BREARLEY
City Attorney
FAX: (818) 330-5818
VICTOR H. VAITS
Director of Community Services & Water
FAX: (213) 588-2761
KENNETH J. DeDARIO
Director of Light & Power
FAX: (213) 583-1983
LARRY SPADT
Fire Chief
FAX: (213) 581-1385
LOUIS ROSENKRANTZ
Police Chief
FAX: (213) 581-1178

In Reply Refer to:

HEALTH AND ENVIRONMENTAL CONTROL

UNDERGROUND STORAGE
TANK FAC#: 2240
4500 Bandini Blvd.
Vernon, CA 90023

June 22, 1993

Watkins Motor Lines, Inc.
1144 W. Griffin Road
Lakeland, FL 33804
Attn: Mr. Lance Collins

Dear Mr. Collins:

This letter acknowledges our receipt and review of the June 21, 1993 Blymyer Engineers, Inc. report of Subsurface Investigation at the Watkins Motor Lines, Inc. facility at the subject address.

We concur with Blymyer Engineers conclusion that no additional subsurface soil investigation is necessary relative to the sites from which the underground storage tanks were removed on January 4, 1993.

Treatment and/or disposal of stockpiled soil, backfilling the excavations, and capping the excavation sites remain items of concern. Prior to performing any additional work, please submit a work plan for our review and approval to describe how you propose to address these items. Plastic sheeting must remain over the stockpiled soils at all times.

Your cooperation is appreciated. If you have any questions or require additional information, please contact us.

Sincerely,

Lewis J. Pozzebon,
Health Officer

James Wilcox

James Wilcox, R.E.H.S.
Environmental Health Specialist

JW:cd
xc: Sue Black, Blymyer Engineers, Inc., 1829 Clement Ave., Alameda CA 94501-1395
George Burgess, City of Vernon, Community Services Department

Consulting Engineers and Geologists

CONVERSE CONSULTANTS
ORANGE COUNTY

15245 Alton Parkway
Suite 100
Irvine, CA 92718-2307

714/453-2880
FAX 714/453-2888

August 10, 1993

Mr. Stuart C. Ledsam
Ledsam Contracting, Inc.
2702 California Avenue
Signal Hill, CA 92806

Subject: **Tank Removal Refill**
Watkins Motor Lines
Vernon, California
(CCOC Project No. 93-32198-01)

Dear Mr. Ledsam:

This report presents the results of tests and observations made during the backfill operations at the subject site (located at the southeast quadrant of the intersection of Bandini Boulevard and Ayers Avenue in Vernon, California) between July 21, 1993 and July 26, 1993. This work was performed in accordance with your request on July 20, 1993.

Project Description

It is our understanding that 4 Underground Storage Tanks (USTs) were removed at the subject site. A site map is shown as Figure No. 1. The excavation and removal of these tanks were not performed under our supervision. The excavation was about 50′ x 45′ in plan area. The northern half was 23.5 feet deep and the southern half was about 20 feet deep. The excavation was accessed by a ramp from the southwest side.

Scope of Services

The scope of our services consisted of: field observations during backfilling; performance of field and laboratory tests on the fill material; and evaluation of the field compaction. Our services did not include observation during excavation and tank removal. Our services were performed in accordance with the project plans and specifications.

Observation and Tests

Field observations and tests were performed by a representative of Converse Consultants Orange County to check the compliance of grading work with the project plans and specifications. The presence of our field representative at the site was to provide the owner with professional advice, opinions, and recommendations based upon observation of the contractor's work. Our responsibilities did not include any supervision or direction of the actual work of the contractor or the contractor's personnel. The conclusions in this report are based on tests and observations of the grading procedures used and represent our professional opinion as to the contractor's compliance with the project requirements. The grading operation was observed to be performed in the following manner:

1. The exposed ground surface was scarified and moisture conditioned to obtain a moisture content above optimum. The scarified soils were then compacted prior to the placement of fill.

2. Soils conforming to the project specifications were generally placed in layers about 12 inches in loose thickness.

3. During the backfill placement, a sheepsfoot wheel attached to a 220 backhoe was used for compaction of the lower eleven (11) feet of the backfill.

4. For the upper 12 feet, wheel rolling with a 950 loader with a loaded bucket was used for compaction.

5. Field density tests were performed at various locations in 2 feet intervals of backfill.

The compacted fill was placed to the approximate depths and finished grades shown on Figure No. 1 enclosed. Field density tests were performed during the placement of compacted fill to determine the moisture content and the degree of compaction obtained. The field density tests were performed in accordance with ASTM D1556 (sand cone test method), and ASTM D2793 (drive cylinder test method). The minimum degree of soil compaction for this project was 90 percent of the maximum dry density for soil. The laboratory maximum dry density and optimum moisture content were determined by the ASTM D1557 test method.

Where field soil density tests or observations indicated insufficient compaction, the soil was moisture conditioned as required, and additional compaction effort was applied before the next layer was added. The results of the field soil density tests are presented in Table I. This table summarizes the moisture contents and dry densities tested at the time and locations indicated; these values may change with the passage of time. The approximate test locations are shown on Figure No. 1.

The soils used in the compacted fill consisted predominantly of sand and silt. The soils are generally considered to have a low expansion potential with respect to volume-change characteristics. A list of the soil types encountered during testing is presented in Table II.

Limitations/Conclusions

The conclusions and opinions developed during the course of our field assignments are based on our field observations and the results of field and laboratory testing combined with our experience. Based on the field tests, observations, and our professional judgment, it is our opinion that the compacted fills reported herein meet the intent of the project specifications and recommendations of Converse Consultants Orange County.

Our field testing was performed at random locations and at various time intervals during the fill placement operation. Converse Consultants Orange County did not actually sample or test every portion of the fill material placed at the site. While our test results are considered representative of the compacted fills in general, variations in material properties, relative compaction, and moisture condition should be expected in lateral and vertical directions. Such variations may have resulted due to nonuniformity of earth materials and variations in the earthwork operations such as: variable lift thickness, nonuniform moisture condition, and nonuniform compactive effort. Therefore, any localized areas of deviations in fill quality and compaction requirements cannot be detected by our limited field observations and tests.

Our services have been performed in accordance with currently accepted professional engineering practice in the field of geotechnical engineering. We make no other warranty, either express or implied.

Neither our office nor our representatives were responsible for construction techniques and the type of equipment used to accomplish fill placement and compaction to meet the project specifications.

Professional opinions presented in this report are based on our observations, on evaluations of the technical information gathered, on our general understanding of the earthwork construction, and on our general experience in the geotechnical field. We do not guarantee the performance of the project in any respect, only that our engineering work and opinions rendered meet the standard of care of our profession at this time.

Respectfully submitted,

CONVERSE CONSULTANTS ORANGE COUNTY

Radhakrishnan

Raghuram Radhakrishnan
Staff Engineer

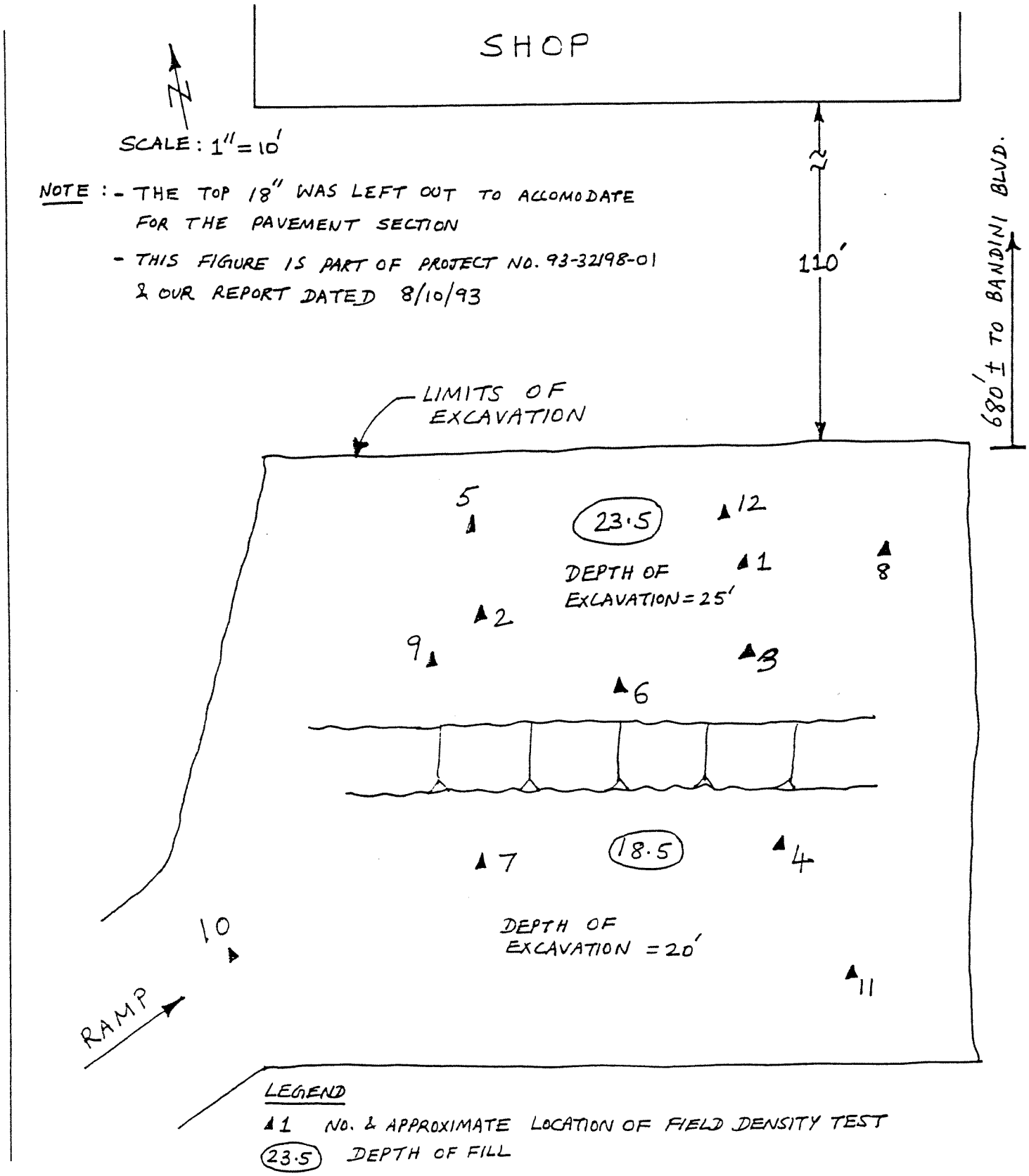
Thomas J. Scheil, R.G.E. 753
Vice President & Principal Engineer

RR/TJS:vy

Encl: Tables I and II
Figure No. 1

Dist: (5) Addressee

REGISTERED PROFESSIONAL ENGINEER
THOMAS J. SCHEIL
No. GE753
Exp. 6-30-96
GEOTECHNICAL
STATE OF CALIFORNIA



FIELD DENSITY TEST LOCATION PLAN

TANK REMOVAL REFILL
WATKINS MOTOR LINES, VERNON, CALIFORNIA
FOR: LEDSAM CONTRACTING, INC.

Project No.
93-32198-0,

Converse Consultants Orange County
Geotechnical Engineering and Applied Sciences

FIGURE NO.

VG 2 Approved for publication _____ by _____

TABLE I

SUMMARY OF FIELD DENSITY TESTS

Tank Removal Refill
Watkins Motor Lines
Vernon, California
(CCOC Project No. 93-32198-01)

Test No.	Date	Approximate Fill Depth (ft)	Approximate Test Elevation (ft)	Soil Type	Dry Density pcf	Moisture Content %	Relative Compaction %
1	7/14/93	2	-23	1	122	9.6	93
2	7/21/93	4	-21	1	123	10.0	94
3	7/21/93	6	-19	1	120.5	8.7	92
4	7/21/93	2	-17	1	121	9.3	93
5	3/21/93	10	-15	1	121	9.2	93
6	7/22/93	12	-13	1	120	9.8	92
7	7/22/93	8	-11	1	118	7.5	90
8	7/22/93	16	-9	1	124	9.6	95
9	7/22/93	18	-7	1	120	10.2	92
10	7/22/93	3	-5	1	120.5	10.4	92
11	7/26/93	17	-3	2	119	8.5	92
12	7/26/93	23	-2	2	120.5	8.8	93

TABLE II

Laboratory Maximum Density Tests

Soil Type	Soil Description	Maximum Dry Density pcf	Optimum Moisture Content (%)
1	Yellow Brown Silty Sand with gravel	130.5	9.5
2	Brown Sandy Silt with gravel	129.3	8.8

Copy

RECEIVED
SEP 13 1993
HEALTH AND ENVIRONMENTAL
CONTROL SECTION

SITE CLOSURE REQUEST

WATKINS MOTOR FRIEGHT

4500 Bandini Boulevard
Vernon California

Prepared By:

K.S. Dunbar & Associates
874 Henry Street
Arnold California 95223

K. S. DUNBAR
& ASSOCIATES

K.S. DUNBAR & ASSOCIATES

City of Vernon
Dept. of Community Services
4305 Santa Fe Ave.
Vernon California 90058

ATTN: Jim Wilcox

SUBJ: Letter of conditions of backfill for the oil tank removals.
Site address 4500 Bandini Blvd. (Watkins Motor Frieght).

CC: Lance Collins, (Director of Properties for Watkins.)
George Burgess (Fire Inspector, City of Vernon.)

FROM: Tim Pipes, (Associate K.S. Dunbar & Assoc.)

Dear Sirs,

We are providing this letter to cover the issue of the method of backfill used by Blymyer Inc. for the two holes created by the removal of the waste oil and new oil tanks. Because of the use of gravel as a backfill material we are aware of the concern of not allowing any future building on top of these two areas. Watkins has made note of this on thier site plans and shall take full responsibility to assure that no work shall be permitted upon these areas.

After review of this letter I agree to act as a representative for Watkins to assure that all parties understand the Cities requests that no building be permitted upon these two backfilled areas.

Signed By:

Title: Associate of K.S. Dunbar & Associates.

Signed By:

Title: Properties Director for Watkins Motor Frieght.

K.S. DUNBAR & ASSOCIATES

ATTN: Jim Wilcox

(1) Letter on Backfill

(2)-(5) Replacement section for Report.

K. S. DUNBAR & ASSOCIATES

TABLE OF CONTENTS

REQUEST FOR CLOSURE

RECEIVED
SEP 13 1993
HEALTH AND ENVIRONMENTAL CONTROL SECTION

1.0 Overview

2.0 Introduction/Background

2.1 Site conditions

3.0 Site profiling

3.1 Fuel area stockpiled soil characterization

4.0 Summary and conclusions

FIGURES

Figure 1: Site location map

Figure 2: Plot plan

TREATMENT FACILITY INFORMATION

Department of Health Services, Cal EPA # Letter of Approval.

COMPACTION REPORT

Converse Consultants Backfill & Compaction Tests & Report.

MANIFESTS

63 Total Manifest for the Transportation of Contaminated Soil to C.E.C.

OVERVIEW

Watkins Motor Lines retained K.S. Dunbar and Associates to complete the loading, manifesting, transportation, and offsite remediation of soils previously excavated by Blymyer Engineers Inc., (refer to Blymyer Engineers soil excavation report dated April 26, 1993. BEI Job No. 93036).

The site chosen for the bioremediation of the affected soils was Candleria Environmental Service located in Bonsall, California.

California EPA Number: IRC 356 613 091

Candleria accepts only hydrocarbon contaminated soils for biotreatment that are classified as non-hazardous waste, as defined by the Resource Recovery and Conservation Act (RCRA), and Title 22 of the California Code of Regulations (22 CCR), Article 11.

Prior to shipment of the contaminated soils to C.E.C., Blymyer Engineers' "Excavation Report", dated April 26, 1993, Job #93036 was submitted for a third party review and final acceptance. This report included all of the soil sampling results that define the overall level of contamination present in the stockpiled material.

Trucking was provided by J.W. Trucking located at 12057 Suzanne Drive, Fontana, California. All soil hauled was non-hazardous (below 10,000 PPM).

Safety precautions were strictly adhered to throughout the entire project.

Backfill of the excavation was completed with Class 3 Caltrans decomposed granite. Backfill was supervised by Thomas J. Scheil of Converse Consultants (refer to attached report).

Asphalt has been replaced and the entire site work has been completed.

Soil sampling and analysis of the fuel UST excavation revealed that concentrations of TPH as diesel remained in the soil above the VHD soil cleanup standard of 100 milligrams per kilogram (mg/kg) of TPH as diesel. Approximately 600 tons of contaminated soil were generated from the fuel UST excavation and were combined and staged at the site with the contaminated soil generated from the motor oil and waste oil UST removal. The associated piping and removed asphalt paving were stockpiled separately from the soil piles. The UST removal work performed by UST Compliance is presented in its report titled *Closure Report - Watkins Motor Lines*, dated January 22, 1993.

As a result of the excessive concentrations of TPH as diesel in the fuel UST excavation, WML authorized UST Compliance to conduct an investigation to determine the vertical and lateral extent of soil contamination in the fuel UST excavation.

Prior to conducting additional work, approximately 3,000 gallons of storm water that had collected in the fuel UST excavation were removed and disposed of by UST Compliance. The additional work was performed by excavating eight trenches and collecting and analyzing eight confirmation soil samples to determine the lateral extent of soil contamination. Review of the analytical results of the soil samples collected from the bottom of the fuel UST excavation and trenches revealed that one soil sample exceeded the VHD cleanup standard with a concentration of 232 mg/kg of TPH as diesel. Based on a phone conversation with Mr. Jim Wilcox, VHD, because of the difficulty in excavating to a greater depth, no additional excavation to a greater depth would be required.

2.1 Site Conditions

The facility consisted of a loading dock and office building, a maintenance shop, scale pad and shed, and a fueling area. The yard was entirely fenced and paved.

2.0 thru 4.0 was completted by Blymyer & Assoc. 04/26/93

2.0 Introduction

2.0 Background

Watkins Motor Lines, Inc. (WML) retained Blymyer Engineers, Inc. to perform additional soil excavation work as a result of the release of petroleum hydrocarbons from the WML facility located at 4500 Bandini Boulevard, Vernon, California (Figure 1). Blymyer Engineers' *Soil Excavation Workplan*, dated February 22, 1993, documents the past work completed at the site. The workplan is presented as Appendix A.

During the week of January 4, 1993, WML contracted UST Compliance to remove and dispose of seven underground storage tanks (USTs) at the aforementioned facility. The USTs removed included two 5,000-gallon motor oil USTs, one 1,000-gallon waste oil UST, two 10,000-gallon gasoline USTs, and two 12,000-gallon diesel USTs. Soil sampling and analysis were performed to confirm removal of petroleum-contaminated soil. Selected soil samples were analyzed for the following compounds: Total Recoverable Petroleum Hydrocarbons (TRPH) using EPA Method 418.1; Total Petroleum Hydrocarbons (TPH) as diesel and gasoline using modified EPA Method 8015; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8020; total concentration of lead using EPA Method 7420; and volatile organics using EPA Method 8240. The analytical results are summarized in Table I of Appendix A.

Based upon the soil sample analytical results, UST Compliance received a verbal agreement from the City of Vernon Health Department (VHD) that no further action was required in the former location of the two motor oil USTs and one waste oil UST (Figure 2). UST Compliance backfilled the waste oil UST excavation and the motor oil UST excavation with self-compacting crushed rock (1/2-inch diameter). No resurfacing work was completed at the former location of the waste oil UST; however, the motor oil UST excavation was resurfaced with concrete. Approximately 90 tons of soil were excavated during the removal of the two motor oil USTs and one waste oil UST, and were stockpiled adjacent to the former waste oil UST excavation.

2.0 thru 4.0 was completted by Blymyer & Assoc. 04/26/93

2.0. Introduction

2.0 Background

Watkins Motor Lines, Inc. (WML) retained Blymyer Engineers, Inc. to perform additional soil excavation work as a result of the release of petroleum hydrocarbons from the WML facility located at 4500 Bandini Boulevard, Vernon, California (Figure 1). Blymyer Engineers' *Soil Excavation Workplan*, dated February 22, 1993, documents the past work completed at the site.

During the week of January 4, 1993, WML contracted UST Compliance to remove and dispose of seven underground storage tanks (USTs) at the aforementioned facility. The USTs removed included two 5,000-gallon motor oil USTs, one 1,000-gallon waste oil UST, two 10,000-gallon gasoline USTs, and two 12,000-gallon diesel USTs. Soil sampling and analysis were performed to confirm removal of petroleum-contaminated soil. Selected soil samples were analyzed for the following compounds: Total Recoverable Petroleum Hydrocarbons (TRPH) using EPA Method 418.1; Total Petroleum Hydrocarbons (TPH) as diesel and gasoline using modified EPA Method 8015; benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8020; total concentration of lead using EPA Method 7420; and volatile organics using EPA Method 8240.

Based upon the soil sample analytical results, UST Compliance received a verbal agreement from the City of Vernon Health Department (VHD) that no further action was required in the former location of the two motor oil USTs and one waste oil UST (Figure 2). UST Compliance backfilled the waste oil UST excavation and the motor oil UST excavation with self-compacting crushed rock (1/2-inch diameter). No resurfacing work was completed at the former location of the waste oil UST; however, the motor oil UST excavation was resurfaced with concrete. Approximately 90 tons of soil were excavated during the removal of the two motor oil USTs and one waste oil UST, and were stockpiled adjacent to the former waste oil UST excavation.

Soil sampling and analysis of the fuel UST excavation revealed that concentrations of TPH as diesel remained in the soil above the VHD soil cleanup standard of 100 milligrams per kilogram (mg/kg) of TPH as diesel. Approximately 600 tons of contaminated soil were generated from the fuel UST excavation and were combined and staged at the site with the contaminated soil generated from the motor oil and waste oil UST removal. The associated piping and removed asphalt paving were stockpiled separately from the soil piles. The UST removal work performed by UST Compliance is presented in its report titled *Closure Report - Watkins Motor Lines*, dated January 22, 1993 (Appendix B).

As a result of the excessive concentrations of TPH as diesel in the fuel UST excavation, WML authorized UST Compliance to conduct an investigation to determine the vertical and lateral extent of soil contamination in the fuel UST excavation.

Prior to conducting additional work, approximately 3,000 gallons of storm water that had collected in the fuel UST excavation were removed and disposed of by UST Compliance. The additional work was performed by excavating eight trenches and collecting and analyzing eight confirmation soil samples to determine the lateral extent of soil contamination. Review of the analytical results of the soil samples collected from the bottom of the fuel UST excavation and trenches revealed that one soil sample exceeded the VHD cleanup standard with a concentration of 232 mg/kg of TPH as diesel. Based on a phone conversation with Mr. Jim Wilcox, VHD, because of the difficulty in excavating to a greater depth, no additional excavation to a greater depth would be required. The trench soil sample analytical results are summarized in Table II of Appendix A.

2.1 Site Conditions

The facility consisted of a loading dock and office building, a maintenance shop, scale pad and shed, and a fueling area. The yard was entirely fenced and paved.

3.0 Soil Pile Profiling

3.0 Waste Oil and Motor Oil Area Stockpiled Soil Characterization

Three soil piles remain at the site as a result of the removal of the motor oil and waste oil USTs. Soil pile A consists of approximately 70 tons and was generated during the removal of the motor oil USTs. Soil piles B and C are approximately 10 tons each and were produced during the removal of the waste oil UST. Four discrete soil samples (A-1 through A-4) were collected from soil pile A and four discrete soil samples (B-1, B-2, C-1 and C-2) were obtained from soil piles B and C. Each soil sample was collected by driving a clean, brass tube into the soil. The ends of each brass tube were covered with Teflon® sheets and plastic end caps. The soil samples were then delivered to an on-site mobile laboratory, operated by Geotest, using proper chain-of-custody procedures.

The four soil samples collected from soil pile A were composited by the laboratory and the composite was analyzed for TRPH by EPA Method 418.1, TPH as diesel and gasoline by modified EPA Method 8015, and BTEX by EPA Method 8020. The analytical results are summarized in Table I. Concentrations of the following compounds were detected: 5,400 mg/kg of TRPH, 3,000 mg/kg of TPH as diesel, 0.088 mg/kg of ethylbenzene, and 0.042 mg/kg of total xylenes. Similarly, the soil samples collected from soil piles B and C were composited by the laboratory and analyzed for TRPH by EPA Method 418.1, TPH as diesel and gasoline by modified EPA Method 8015, BTEX by EPA Method 8020, volatile halocarbons by EPA Method 8010, and the paint filter test using EPA Method 9095. The detected compounds consisted of 15,000 mg/kg of TRPH, 1,500 mg/kg of TPH as diesel, 0.011 mg/kg of ethylbenzene, 79 mg/kg of barium, 17 mg/kg of chromium, 5 mg/kg of cobalt, 14 mg/kg of copper, 17 mg/kg of lead, 0.02 mg/kg of mercury, 6.2 mg/kg of nickel, 26 mg/kg of vanadium, and 77 mg/kg of zinc. The soil sample composite did not fail the paint filter test.

3.1 Fuel Area Stockpiled Soil Characterization

On March 15, 1993, Blymyer Engineers collected soil samples to characterize the three soil piles (SP-1, SP-2, and SP-3) generated during the fuel UST excavation work. Eight discrete soil samples were obtained from each of soil piles SP-1 and SP-3 and four composite samples were collected from soil pile SP-2. Each composite soil sample consisted of a 4-point sample. The discrete soil sampling was performed by initially scraping off the top 1-foot soil layer and then driving a brass tube into the soil. Composite soil sampling was conducted by obtaining four portions of soil in a quadrant, mixing the soil in a bucket, and driving a brass tube into the mixed soil.

Each brass tube was then retrieved and the ends of the tube were covered with Teflon® sheets and plastic caps and sealed with adhesiveless silicon tape. Each brass tube was labeled, stored on ice in a cooler and delivered to the laboratory for analysis. Proper chain-of-custody procedures were followed. The soil samples were analyzed by Geotest for TPH as diesel and gasoline by modified EPA Method 8015, TRPH by EPA Method 418.1, and BTEX by EPA Method 8020. The soil pile characterization analytical results are summarized in Table II and the laboratory report is presented in Appendix C.

The soil pile characterization analytical results indicate that the petroleum hydrocarbon contamination is most likely associated with diesel fuel. Minor concentrations of BTEX were found in most of the soil samples. All three soil piles contain a wide range of TRPH and TPH as diesel concentrations. Soil pile SP-1 has TRPH results varying from less than 10 mg/kg to 5,900 mg/kg and TPH as diesel concentrations from less than 10 mg/kg to 3,900 mg/kg. Similar distributions are noticed in soil piles SP-2 and SP-3. The highest TRPH concentration in SP-2 was 8,500 mg/kg and 4,600 mg/kg in SP-3. The highest TPH as diesel levels were 3,400 mg/kg in SP-2 and 2,400 mg/kg in SP-3.

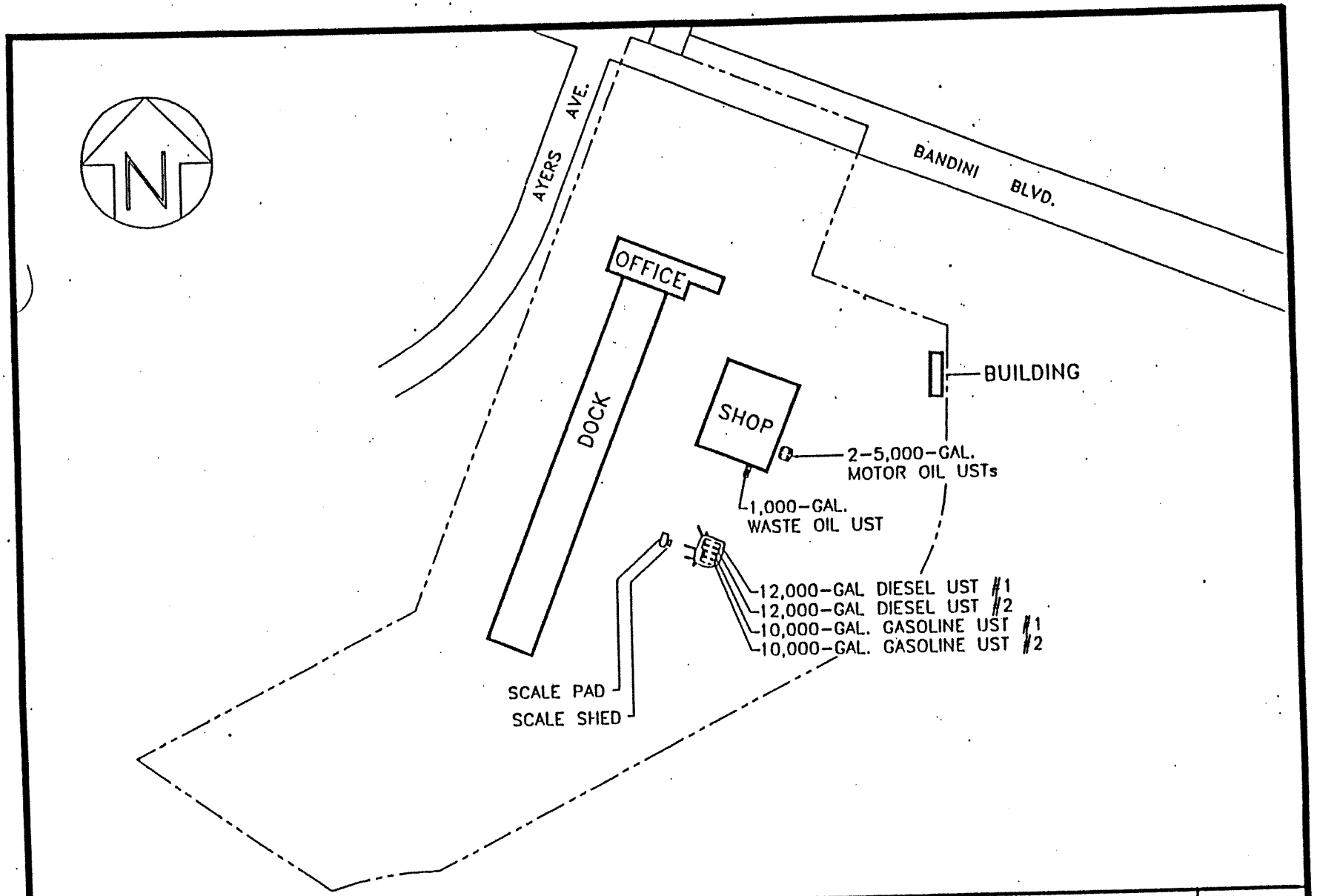
4.0 Summary and Conclusions

- The motor oil and waste oil UST excavations do not require further action by the VHD.
- Approximately 90 tons of soil were excavated during the removal of the two motor oil USTs and one waste oil UST.
- Approximately 2,200 tons of petroleum-affected soil were excavated and staged at the site during and after the removal of the two gasoline USTs and two diesel fuel USTs. The soil sample analytical results indicate that the petroleum-contaminated soil remaining in the fuel UST excavation is generally below the VHD soil cleanup standard of 100 mg/kg of TPH as diesel or TRPH.
- The soil pile characterization analytical results indicate that the petroleum hydrocarbon contamination is most likely associated with diesel fuel. Minor concentrations of BTEX were found in most of the soil samples.
- Diesel contamination above 100 ppm likely remains in the approximately 1-foot-thick sand layer present at 32 feet to 33 feet bgs; however, as acknowledged by the VHD, additional excavation is not practical or cost-effective to remove the remaining contamination in the sand lense, which is not considered a significant source of future contamination.

SOURCE: UNITED STATES GEOGRAPHICAL SURVEY 7.5' QUAD. "LOS ANGELES, CA AND "SOUTH GATE, CA BOTH PHOTOREVISED 1981.

QUADRANGLE LOCATIONS

BEI ENGINEERS, INC.	0 1000 2000 SCALE IN FEET	SITE LOCATION MAP WATKINS MOTOR LINES 4500 BANDINI BLVD. VERNON, CA	FIGURE 1
BEI JOB NO. / DATE			



0 250
SCALE IN FEET

ENGINEERS, INC.

BEI JOB NO.	DATE
93036	3/3/93

LEGEND
UST = UNDERGROUND STORAGE TANK

PROJECT
WATKINS MOTOR LINES
VERNON, CA
SITE PLAN

FIGURE
2

CITY COUNCIL
LEONIS C. MALBURG
Mayor
THOMAS A. YBARRA
Mayor Pro-Tem
Wm. "BILL" DAVIS
Councilman
H. "LARRY" GONZALES
Councilman
W. MICHAEL McCORMICK
Councilman

BRUCE V. MALKENHORST
City Administrator/City Clerk
FAX: (213) 581-7924

CITY HALL

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058
TELEPHONE (213) 583-8811

DAVID B. BREARLEY
City Attorney
FAX: (818) 330-5818
VICTOR H. VAITS
Director of Community Services & Water
FAX: (213) 588-2761
KENNETH J. DeDARIO
Director of Light & Power
FAX: (213) 583-1983
DAVE TELFORD
Fire Chief
FAX: (213) 581-1385
LOUIS ROSENKRANTZ
Police Chief
FAX: (213) 581-1178

In Reply Refer to:

HEALTH AND ENVIRONMENTAL CONTROL

UNDERGROUND STORAGE TANK FAC#: 2240
4500 Bandini Blvd.
Vernon, CA 90023

September 27, 1993

Watkins Motor Lines, Inc.
P.O. Box 95002
Lakeland, FL 33804
Attn: Mr. Lance Collins,
Director of Properties

Dear Mr. Collins:

This letter acknowledges our receipt and review of the Site Closure Request prepared by K.S. Dunbar and Associates for closure of several underground storage tank (UST) sites at the Watkins Motor Lines, Inc. facility at the subject address.

We concur with the conclusions in the report. Closure is granted for the sites on the subject property where the following UST's were removed by UST Compliance Group on January 4, 1993:

- Two 12,000 gallon diesel fuel tanks
- Two 10,000 gallon gasoline tanks
- Two 5,000 gallon oil tanks
- One 1,000 gallon waste oil tank

Your cooperation is appreciated. If you have any questions or require further information, please contact us.

Sincerely,

Lewis J. Pozzebon,
Director/Health Officer

James Wilcox

James Wilcox, R.E.H.S.
Environmental Health Specialist

JW:cd
xc: K.S. Dunbar & Associates, 874 Henry St., Arnold, CA 95223
George Burgess, City of Vernon, Community Services Department

8-12-98/L6

"SITE EXCAVATION
T-4 N"

WATKINS MOTOR LINES
4500 BANDINI

. 1

. 1

. 1
. 1

. 1
. 1
. 2
. 2
. 2
. 3
. 3
. 3
. 3

. 3

FAX (562)430-5177

CITY COUNCIL
LEONIS C. MALBURG
Mayor
THOMAS A. YBARRA
Mayor Pro-Tem
Wm. "BILL" DAVIS
Councilman
H. "LARRY" GONZALES
Councilman
W. MICHAEL McCORMICK
Councilman

BRUCE V. MALKENHORST
City Administrator/City Clerk
FAX: (213) 581-7924

CITY HALL

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058
TELEPHONE (213) 583-8811

DAVID B. BREARLEY
City Attorney
FAX: (818) 330-5818
KEVIN WILSON
Director of Community Services & Wat
FAX: (213) 588-2761
KENNETH J. DeDARIO
Director of Light & Power
FAX: (213) 583-1983
DAVE TELFORD
Fire Chief
FAX: (213) 581-1385
LOUIS ROSENKRANTZ
Police Chief
FAX: (213) 581-1178

HEALTH AND ENVIRONMENTAL CONTROL

UNDERGROUND STORAGE
TANK FAC#: 2240
4500 Bandini Blvd.
Vernon, CA 90023

August 11, 1998

Environmental Profiles, Inc.
5480 Katella Avenue, Suite 211
Los Alamitos, California 90720-2823
Attn: Matthew J. Walker

Subject: Site Remediation Workplan for Watkins Motor Lines at 4500 Bandini Avenue, Vernon, CA

Dear Mr. Walker:

This letter acknowledges our receipt and review of the subject report dated August 5, 1998. We concur with your workplan to proceed with a limited site investigation and remediation as described in the workplan starting on Wednesday, August 12, 1998.

If you have any questions or require additional information, please contact us.

Sincerely,

Lewis J. Pozzebon,
Health Officer

Leonard Grossberg

Leonard Grossberg, M.P.A., R.E.H.S.
Environmental Health Specialist

LG:cd

ENVIRONMENTAL PROFILES, INC.

Site Assessments * Remedial Investigation Feasibility Studies * Soil and Water Sample Collection * Compaction Testing

RECEIVED
AUG 11 1998
HEALTH
DEPARTMENT

PROJECT PROPOSAL

SITE REMEDIATION WORKPLAN

Project 93498.WP1
Watkins Motor Lines
4500 Bandini Blvd.
Vernon, California

Prepared For:

Watkins Motor Lines
1144 West Griffin Road
Lakeland, Florida 33804-5002
Attn: Hal Brower
Jim Reyner

For Submittal To:
City of Vernon, Environmental Health Division
4305 Santa Fe Avenue
Vernon, California 90058
attn: Leonard Grossberg

Environmental Profiles, Inc.
A Professional Environmental Consulting Firm

Matthew James Walker, P.E.
Civil / Environmental Engineer/Contractor
California Registration 37369
State License A HAZ 745104 Expiration 1/31/2000

5480 Katella Avenue, Suite 211, Los Alamitos, CA 90720-2823
(562)493-2190 * * * FAX (562)430-5177

August 5, 1998

Environmental Profiles, Inc.

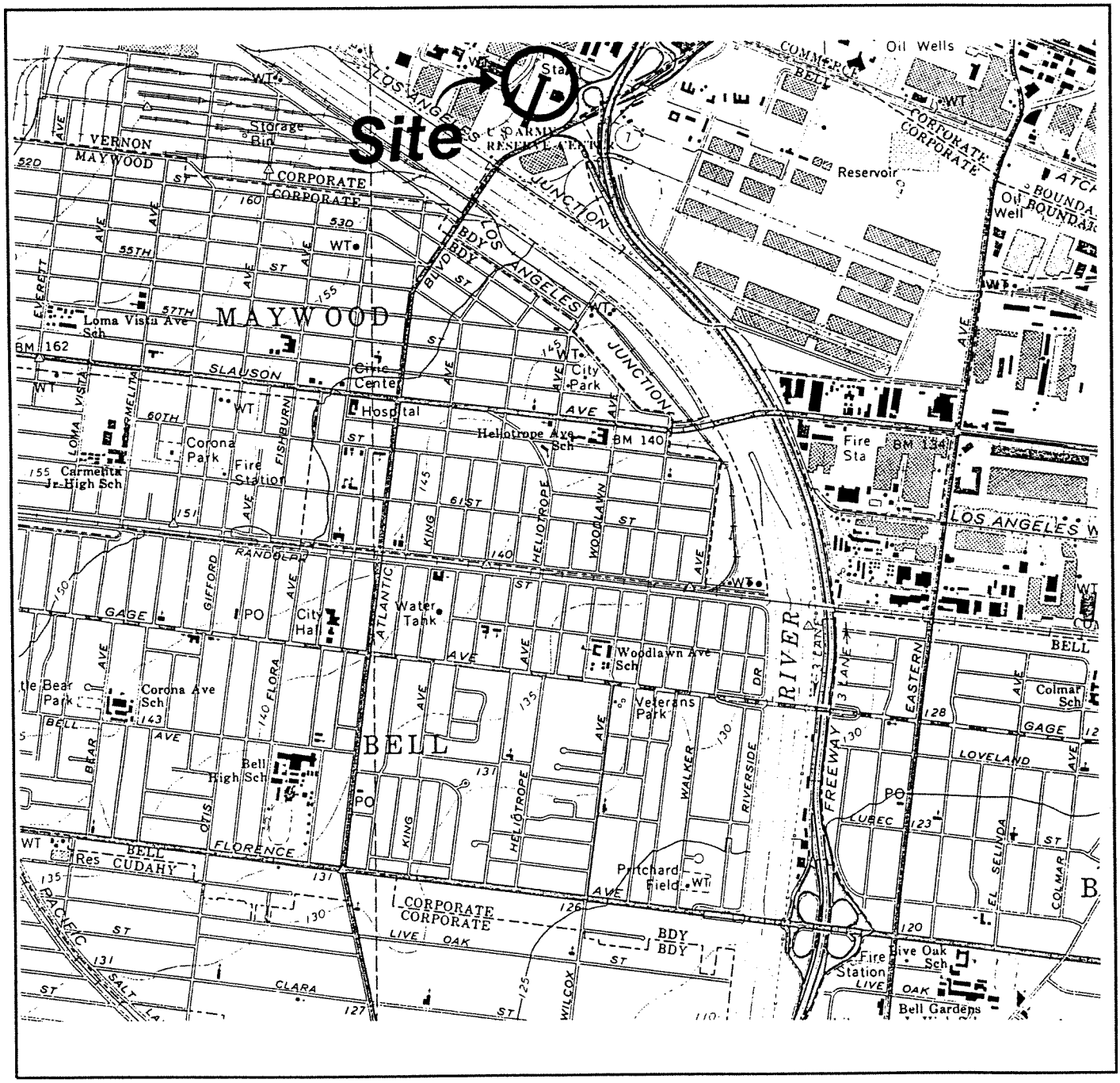
5480 Katella Avenue, Suite 211, Los Alamitos, CA 90720-2834 * (562)493-2190 * FAX (562)430-5177

Project Name: Watkins Motor Lines, Inc. | Job#: 93498

Location: 4500 Bandini Blvd., Commerce

Map Source: USGS, 7.5 Minute Series, South Gate Quadrangle, Photorevised 1981

Figure 1 – Area Map



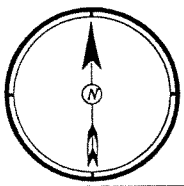
SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 5 FEET



QUADRANGLE LOCATIO

Environmental Profiles, Inc.

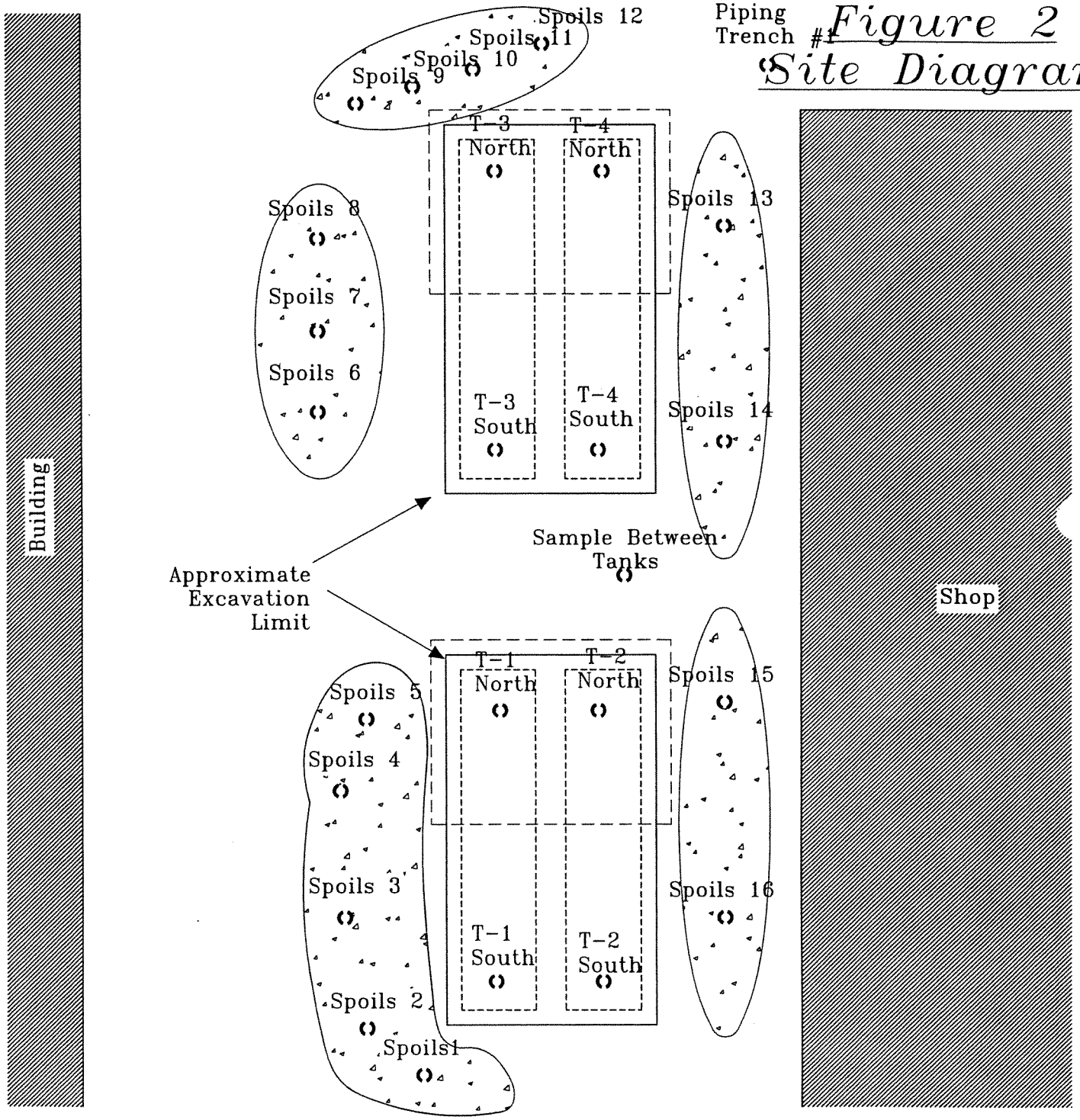
5480 Katella Ave., Ste. 211, Los Alamitos, CA 90720 * * (562)493-2190 * * FAX (562)430-5177

Project Name: Watkins Motor Lines, Inc. | Job#: 93498

Site Location: 4500 Bandini Blvd., Commerce

Drawing By: T. Draper | Date: 7/21/98 | Engineer: Matthew J. Walker, P.

Figure 2
Site Diagram



Explanation

() Post Removal Sample

_ _ _ _ _ Area of Proposed Excavation

APPROXIMATE SCALE IN FEET

0 25 50

1.0 INTRODUCTION

This workplan describes the proposed soil remediation activities to be conducted by Environmental Profiles, Inc. at Watkins Motor Lines, (WML) 4500 Bandini Blvd. , Vernon, California. The location of the site is presented on Figure 1 - Vicinity Map.

The mitigation activities proposed in this workplan apply to the excavation and removal of approximately 800 tons of hydrocarbon contaminated soil. The estimated excavation dimensions are presented on Figure 2 - Site Diagram.

2.0 BACKGROUND

Hydrocarbon contamination was detected at depths of 15 to 16 feet during tank removal work performed by Moine Brothers, Inc. in June of this year. Groundwater is estimated to be 130 feet or deeper based on best available information.

3.0 PURPOSE AND SCOPE

3.1 General

The purpose of this work is to remove the hydrocarbon contamination plume that was encountered during the tank removal project.

EPI will provide environmental professional support for the following scope of work:

- Health and Safety Plan
- Excavation
- Soil Removal Treatment
- Verification Sampling
- Report of Findings

4.0 EXCAVATION ACTIVITIES

4.1 Health and Safety Plan

Previously filed health and safety procedures that are intended to guide field activities at the site. The provisions of this plan apply to EPI employees and subcontractors. Employees of federal, state and local agencies are expected to observe the safety rules and regulations established by their respective organizations in addition to the requirements of this document. A complete health and safety plan is attached in Appendix A.

4.2 Excavation

Site excavation activities will be directed by an EPI engineer or soil scientist. Figure 2 - Site Diagram shows the approximate area of soil to be excavated. The excavation is expected to be dug to a maximum depth of 21 feet bgs. Excavation will performed by a track Caterpillar 235 size or equivalent excavator. Soil will be moved on site by an articulated wheel loader.

Excavation activities will include the following:

- emissions monitoring utilizing a photoionization detector (PID)
- site verification sampling
- regulatory interface
- stockpiling and covering of soil at pre-determined locations

4.3 Soil Removal

Contaminated soil will be removed from the site to an approved treatment facility such as Landmark (Los Angeles) or TPS (Adelanto) for treatment by thermal desorption. Anticipated removal time will be approximately 10 working days inclusive of mobilization, treatment and demobilization.

4.4 Verification Sampling

Approximately twenty five (25) confirmation end point soil samples will be collected from various locations on the excavation bottom and sidewalls. Laboratory chemical analysis of these soil samples will be utilized to confirm contaminant concentration end points in the excavation.

Verification soil samples collected from the bottom and sidewalls of the excavation will be retrieved with the aid of an excavator backhoe bucket. Soil samples will be retrieved from the bucket by pushing a 4 ounce sample jar into the minimally disturbed soil just behind the teeth of the backhoe bucket. The jar will then be sealed with a Teflon lined lid. At least one sample will be taken at a depth of five feet below the deepest contamination to verify that all contamination is removed.

The samples will be collected in an approximate grid pattern that is laid out on 15 foot centers throughout the excavation.

Soil samples for potential chemical analysis will be monitored for hydrocarbon odors and volatile organic vapors using a PID. Typically, the soil samples with the highest PID readings will be submitted for chemical analysis. PID readings and hydrocarbon odors detected will be recorded and pertinent geologic and hydrogeologic aspects of the soils will be described by an EPI civil engineer.

amounts frequently to avoid dehydration. Count the pulse rate for 30 seconds as early as possible in the rest period. If the pulse rate exceeds 110 beats per minute at the beginning of the rest period, shorten the work cycle by one-third.

5.0 GENERAL HEALTH AND SAFETY REQUIREMENTS

5.1 Medical Clearance and Monitoring

All project field personnel (from EPI and its subcontractors) who may be required to wear respirators must provide evidence that they have been cleared by a physician to do so. All full-time employees of EPI are to be active participants in the EPI Medical Surveillance Program.

5.2 Safety Orientation Meeting

All field personnel (from EPI and its subcontractors) must attend a safety orientation meeting before commencing the field work. The meeting will be scheduled and conducted by the PM or the SSO. The meeting will include distribution of the H&SP to each field person covered by this Plan, presentation of the H&SP, and signature of the waiver by each person covered by this Plan.

5.3 Safety Training

Under 29CFR 1910.120(e), all field personnel are to have passed 40-hours of health and safety training course and, if necessary, 8-hours of supervisory training.

5.4 Work Zone

A restricted access work zone will be maintained to a distance of approximately 25-feet from each work area. Protective clothing and equipment, as described below in Subsection 5.4, are to be worn by all personnel working within the restricted zone. The restricted zone is to be delineated by fence barriers and/or caution tape. A designated decontamination zone will be established for clothing change and disposable clothing storage.

5.5 Levels of Protection

This proposal is based upon Level D personnel protection measures. Should the consultant decide site conditions warrant more cautious or stringent safety precautions, he/she will automatically implement a higher degree of safety (Level C). If the outlined scope of work cannot be completed in Level D conditions, the consultant will notify the client in writing of the more stringent safety conditions.

LEVEL D -
Coveralls, safety vests, hard hats, eye protection, gloves, boots

LEVEL C -
TYVEK coveralls, gloves, air purifying respirator

LEVEL B -
TYVEK coveralls, double gloves, self-contained air

5480 Katella Avenue, Suite 211, Los Alamitos, CA 90720-2834 * * * (562)493-2190 * * * FAX (562)430-5177

Following the collection, description, and monitoring of the soils, the soil samples selected for laboratory chemical analysis will be labeled, and immediately placed in a chilled field cooler with blue ice. This procedure will be followed to preserve the soil sample integrity and to minimize potential volatilization of the samples selected for possible chemical analysis.

4.5 Spoils Pile Sampling

One soil sample will be retrieved from approximately every 50 cubic yards of ~~treated~~ spoils and analyzed for residual contamination concentrations. A detection limit of 10 ppm will be set for TPH as Diesel and 0.005 ppm for BTEX.

4.6 Backfill

The excavation will be backfilled with soil that was imported for the purpose of backifll or found to be less than 1000 ppm diesel from the existing spoils piles. The material will be compacted to 90% or greater and certified as meeting that minimum compaction.

4.7 Laboratory Chemical Analysis

Soils samples will be analyzed on site by a mobil lab (American Analytics) under chain of custody protocol. Chemical analysis will be performed for total petroleum hydrocarbons (TPH) as diesel utilizing EPA Method 8015 Modified and BTEX utilizing EPA Method 8020.

Laboratory detection limits for TPH as gasoline and diesel will be 10 mg/kg and for BTEX will be 0.005 mg/kg.

4.8 Report

A report of findings inclusive of graphics, sample results, conclusions and recommendations will be prepared for submittal to the City of Vernon.

5.0 CLOSURE

Should you have any further questions or requirements regarding this transmittal please call at 562-493-2190 between the hours of 8:00 a.m and 5:00 p.m.

Sincerely,

Matthew J. Walker
California Civil Engineer 37369

City of Vernon
Environmental Health Department

UNDERGROUND STORAGE TANK SYSTEM
ANNUAL REPORT FORM

RECEIVED
JUN 21 1999
HEALTH DEPARTMENT

COMPANY NAME: Watkins Motor Lines, Inc.

TANK SITE ADDRESS: 4500 Bandini Blvd. Vernon, CA 90040

DURING THE PAST YEAR: JULY 1, 1998 - JUNE 30, 1999

1. Have there been any changes in the usage or materials stored in any of the underground tanks? YES____ NO X
   If yes, please explain:

2. Have there been any changes in underground tank system monitoring procedur or equipment? YES X NO____
   If yes, please explain: Removed four 50,000 gallon Diesel USTs. Replaced with on 20,000 gallon UST. Installed Veeder Root TLS350 with ATG, CSLD, and interstitial monitoring.

3. Have there been any alarms, unauthorized release occurrences, interruptic or breakdowns involved with the underground tank system or monitoring equipment? YES____ NO X
   If yes, please explain:

. Has there been required certification, routine maintenance, repairs, calibration or inspection of the underground tank(s) piping or monitoring system? YES X NO____
   If yes, please provide dates, company or individual and service provided: New UST Certification - American Tank Testing - Razvan "Ross" Raicu CA State Lic. # 99-1185 on 9-30-98. Tank System Tightness Testing.

TO THE BEST OF MY KNOWLEDGE, THE ABOVE INFORMATION IS ACCURATE AND COMPLETE.

OWNER/OPERATOR ATTESTED: Hal Brower

TITLE: Maintenance Analyst DATE: 6-11-98

(If necessary, please attach additional sheets, and refer to item number).

AFTER COMPLETION, PLEASE RETURN TO: **CITY OF VERNON, ENVIRONMENTAL HEAI DEPARTMENT, 4305 Santa Fe Ave., Vernon CA 90058.**

RETURN THIS REPORT BY JULY 31, 1999 WITH THE FOLLOWING:

1) **PERMIT RENEWAL NOTICE FORM;**
2) **TESTING/MONITORING REPORT FORM;**
3) **CERTIFICATE OF FINANCIAL RESPONSIBILITY FORM;**
4) **PRESCRIBED FEES.**

SI:UGTANK/2301.ARF
6/99

RECEIVED

JUN 21 199

State of California
State Water Resources Control Board

(Instructions on reverse)

For Regulatory Agency Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

[ ] 500,000 dollars per occurrence
or
[X] 1 million dollars per occurrence

AND

[X] 1 million dollars annual aggregate
or
[ ] 2 million dollars annual aggregate

B. Watkins Motor Lines, Inc. hereby certifies that it is in compliance with the requirements of Section 2807,
(Name of Tank Owner or Operator)
Article 3, Chapter 18, Division 3, Title 23, California Code of Regulations.
The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third P Com
State Fund	State Clean-up Fund P.O. Box 944212 Sacramento, CA 94244-2120	Not Applicable for State Fund	990,000 per Occurence $990,000 Annual Aggregate	State Fund Coverage Continuous.	Yes	Yes
Chief Financial Officer Letter	Watkins Motor Lines, Inc. P.O. Box 95002 1144 W. Griffin Road Lakeland, FL. 33804-5002	Not Applicable for State Alternative Mechanism	10,000 per Occurence 10,000 Annual Aggregate	Renewed Annually	Yes	Yes

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance with all conditions for participation in the Fund.

D. Facility Name: Watkins Motor Lines, Inc. — Facility Address: 4500 Bandini Boulevard Vernon, CA 90058

Facility Name: — Facility Address:

Facility Name: — Facility Address:

Facility Name: — Facility Address:

Facility Name: — Facility Address:

E. Signature of Tank Owner or Operator: Jim Raynor — Date: 12-22-98 — Name and Title of Tank Owner or Operator: Jim Raynor, Director of Maintenance

Signature of Witness or Notary: Nona M Sumner — Date: 12-22-98 — Name of Witness or Notary: NONA Sumner

CFR(04/92) FILE: Original – Local Agency Copies – Facility/Site(s)

KNOWN PERSONALLY

NONA M. SUMNER
Notary Public, State of Florida
My comm. expires May 1, 1999
Comm. No. CC 457385

WATKINS

MOTOR LINES, INC.

December 28, 1998

City of Vernon
Health and Environmental Control
Att: Mr. Leonard Grossberg
4305 Santa Fe Avenue
Vernon, CA 90058

REF: Attached Official Inspection Report November 30, 1998

Dear Mr. Grossberg,

The attached Official Inspection Report, and backup documentation is in reference to our:

Watkins Motor Lines, Inc.
4500 Bandini Boulevard
Vernon, CA 90023

Project to remove four (4) 50,000 gallon Underground Storage Tanks, began in April 1998. The four USTs had been inactive since last activity for dispensing fuel was October 29, 1997. Our records indicate the City of Vernon should invoice Watkins Motor Lines, Inc. for a 1998 - 1999 Health Permit covering one (1) 20,000 gallon UST.

Installation date of 20,000 gallon UST was September 1998, Fuel Inventory, and Fuel Dispensing activity were initiated in December 1998.

The 20,000 gallon UST has the following compliance items:

Spill Protection: Basin Overfill Protection: Audible Alarm Tank Material: DW FRP Steel Piping Material: DWF Leak Detection: Veeder Root TLS350 w/Continuous Statistical Leak Detection, Interstitial Monitoring, and Automatic Tank Gauging. Piping is pressure type. Leak detection of piping is Red Jacket XLD plus, Annual Tank and Line Testing.

The emergency contact person for this facility is:

Day: Rich Meyer (Terminal Manager) 213 - 269 - 9800.
Night: Rich Meyer (Terminal Manager) 213 - 269 - 9800.

A daily inspection log is in place to monitor the waste oil tank, this is performed by Bob Gardner at the LOS Facility.

Also attached, is documentation that Moine Brothers submitted to you on an earlier date, and George Lawson with Moine Brothers states " that all required documentation relative to Tank, and Veeder Root System, have been previously furnished to you. "

1144 West Griffin Road, P.O. Box 95002, Lakeland, Florida 33804-5002 – (941) 687-4545
www.watkins.com

If you should require anything else please contact me at: 800 - 456 - 4545 Ext. 2095.
Or, at Fax # 941 - 688 - 9780.

Sincerely,

Hal Brower

Hal Brower
Maintenance Analyst

Attachments

cc: LOS Fuel
LOS Fuel Upgrade Project

LETTER OF TRANSMITTAL

RECEIVED
JUN 21 1999
HEALTH DEPARTMENT

MOINE BROS.

CONTRACTORS LIC. NO. 343468

TO: CITY OF VERNON
Environmental Health Department
4305 Santa Fe
Vernon, CA 90058

ATTN: Leonard Grossberg

DATE: October 27, 1998

PROJECT: ~~Tank Work~~

LOCATION: 4500 Bandini Blvd.
Vernon

WE ARE SENDING:
- [ ] Per your request
- [ ] As requested by:
- [x] Enclosed
- [ ] Under separate cover via

FOR YOUR:
- [ ] Approval
- [ ] Revision & comments
- [ ] Use
- [ ] Distribution
- [x] Information/Files

THE FOLLOWING:
- [ ] Permits
- [ ] Prints
- [ ] Originals
- [ ] Other

COPIES	DATE	NO.	DESCRIPTION
			U.S.T. Permit Application - Forms A, B, & C

REMARKS:

COPIES TO: File No. 98-030

George Lawson, Construction Manager

1110 W. ANAHEIM ST. #4, WILMINGTON, CALIFORNIA 90744 • PHONE (310) 830-1570 • FAX: (310) 830-1892

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

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

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

DBA OR FACILITY NAME: WATKINS MOTOR LINES INC.		NAME OF OPERATOR: RICH MEYERS	
ADDRESS: 4500 BANDINI BL.		NEAREST CROSS STREET: 710 FREEWAY	PARCEL # (OPTIONAL)
CITY NAME: VERNON	STATE: CA	ZIP CODE: 90058	SITE PHONE # WITH AREA CODE: 323-2699800

✓ BOX TO INDICATE: [✓] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL-AGENCY DISTRICTS [ ] COUNTY-AGENCY * [ ] STATE-AGENCY * [ ] FEDERAL-AGENCY *

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

TYPE OF BUSINESS: [ ] 1 GAS STATION [ ] 2 DISTRIBUTOR [ ] 3 FARM [ ] 4 PROCESSOR [✓] 5 OTHER	[ ] ✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE: 1	E. P. A. I. D. # (optional)

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): MEYERS RICH	PHONE # WITH AREA CODE: 323 2699800	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST): MEYERS RICH	PHONE # WITH AREA CODE: 323 2699800	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: FREIGHT TERMINALS INC.		CARE OF ADDRESS INFORMATION	
MAILING OR STREET ADDRESS: P.O. BOX 1738		✓ box to indicate: [ ] INDIVIDUAL [ ] LOCAL-AGENCY [ ] STATE-AGENCY [✓] CORPORATION [ ] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY	
CITY NAME: ATLANTA, GA.	STATE: GA	ZIP CODE: 30371	PHONE # WITH AREA CODE

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

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

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

TY (TK) HQ 44-010809

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

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

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

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

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

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

TANK OWNER'S NAME (PRINTED & SIGNATURE): JIM RAYNOR Jim Raynor	TANK OWNER'S TITLE: DIR. OF MAINTENANCE	DATE MONTH/DAY/YEAR: 10-1-98

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #

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

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.
OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

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

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: WATKINS MOTOR LINES INC.

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNERS TANK I.D.# 1
B. MANUFACTURED BY: TRUSCO
C. DATE INSTALLED (MO/DAY/YEAR) 9-3-98
D. TANK CAPACITY IN GALLONS: 20,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [✓] 1 MOTOR VEHICLE FUEL [ ] 2 PETROLEUM [ ] 3 CHEMICAL PRODUCT [ ] 4 OIL [ ] 80 EMPTY [ ] 95 UNKNOWN

B. [ ] 1 PRODUCT [ ] 2 WASTE

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

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

III. TANK CONSTRUCTION

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

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

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

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

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

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

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) 1998 OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) 1998
DROP TUBE YES X NO ___ STRIKER PLATE YES X NO ___ DISPENSER CONTAINMENT YES X NO ___

IV. PIPING INFORMATION

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

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

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

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

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

V. TANK LEAK DETECTION

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

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

1. ESTIMATED DATE LAST USED (MO/DAY/YR)
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING ___ GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES [ ] NO [ ]

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

TANK OWNER'S NAME (PRINTED & SIGNATURE): TIM RAYNOR, RICH MEYERS — DATE 10-1-98

LOCAL AGENCY USE ONLY

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

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

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

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

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

CERTIFICATION OF COMPLIANCE FOR UNDERGROUND STORAGE TANK INSTALLATION

FORM C

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM

I. SITE LOCATION

STREET 4500 BANDINI BL.

CITY VERNON COUNTY L.A.

II. INSTALLATION (mark all that apply):

- [x] The installer has been certified by the tank and piping manufacturers.
- [ ] The installation has been inspected and certified by a registered professional engineer.
- [x] The installation has been inspected and approved by the implementing agency.
- [x] All work listed on the manufacturer's installation checklist has been completed.
- [x] The installation Contractor has been certified or licensed by the Contractors State License Board.
- [ ] Another method was used as allowed by the implementing agency. (Please specify.)

III. OATH I certify that the information provided is true to the best of my belief and knowledge.

Tank Owner/Agent G. E. Lawson (HOINE BROS.) Date 10-1-98

Print Name GEORGE LAWSON Phone (310) 8301570

Address 1110 W. ANAHEIM #4, WILMINGTON 90744

LOCAL AGENCY USE ONLY

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

Rec'd 10/13/98

LETTER OF TRANSMITTAL

MOINE BROS.

CONTRACTORS LIC. NO. 343468

TO: WATKINS MOTOR LINES
P.O. Box 95002
Lakeland, FL 33804-5002

ATTN: Hal Brower

DATE: October 8, 1998
PROJECT: Tank Work
LOCATION: 4500 Bandini Blvd.
Vernon

WE ARE SENDING:
- [ ] Per your request
- [ ] As requested by:
- [x] Enclosed
- [ ] Under separate cover via

FOR YOUR:
- [ ] Approval
- [ ] Revision & comments
- [ ] Use
- [ ] Distribution
- [x] Information/Files

THE FOLLOWING:
- [ ] Permits
- [ ] Prints
- [ ] Originals
- [ ] Other

COPIES	DATE	NO.	DESCRIPTION
1	10/5/98		Tank Testing & Certification

REMARKS:

COPIES TO: 98-030

George Lawson/B
George Lawson, Construction Manager

1110 W. ANAHEIM ST. #4, WILMINGTON, CALIFORNIA 90744 • PHONE (310) 830-1570 • FAX: (310) 830-1892

AMERICAN TANK TESTING

Tank Testing , Monitoring Service , Helium Testing
25671 Aria Drive , Mission Viejo , CA 92692
Phone (714) 581-7518 ; Fax (714) 581-3867

Moine Bros.
1110 W. Anaheim St.
Wilmington, CA 90744

Date : October 5, 1998

Attention Mr. George Lawson,

Subject : UNDERGROUND TANK TESTING AND CERTIFICATION AT WATKINS MOTOR LINES, 4500 BANDINI BLVD. VERNON, CA 90040

Dear Mr. Lawson,

In accordance with our agreement we arrived at your facility on 09/30/98 to test one underground tank system, using the UST 2000/P, UST 2000/U and PL-400 leak detector methods.

A full system test was performed with the following results.

Tank #	Capacity	Product	Underfill Test / GPH	Ullage Test	Line test
1	20,000 gall.	Diesel 2	Pass / - 0.011395	Pass	Pass / + / - 0.00

The tank system was certified with test results within the State Standard of -0.05 GPH.

The test performed by ATT has determined only whether a specific tank, or line is or is not leaking at the time of the test only, and no representations or guarantee is made by ATT that any of the tanks or lines will not leak at some future time.

The USTest 2000 System declares a tank to be leaking when the measured leak rate exceeds the threshold of .05 gph, and has a probability of false alarm of <1% and a probability of detection of > 99%.

ATT assumes no responsibility for product leakage. Our responsibility extends only to the testing of tank as to tight or not tight, as of the date and levels tested.

Because of almost infinite variables involved, this is intended to be a mathematical tolerance and is not the permission of the actual leakage.

Based on the above criteria, we find the tank system **mathematically TIGHT.**

Enclosed you will find copies of the relevant technical test printouts and worksheets. More detailed information will be promptly made available to you as soon as you will request it.

Our company values your business immensely and we hope you will call us again next year, when testing will become due.

Very truly yours
AMERICAN TANK TESTING
Razvan " Ross " Raicu
California State License # 99-1185

AMERICAN TANK TESTING

Tank Testing, Monitoring Service, Helium Testing
25671 Aria Drive, Mission Viejo, CA 92692
Phone (714) 581-7518 ; Fax (714) 581-3867

CAMPO / MILLER - TESTER LOG

PIPING TIGHTNESS DETERMINATION PL-400 FORMAT

TEST LOCATION Watkins Motor Lines, Inc.
4500 Bandini Blvd.
Vernon, CA 90040

Test Operator : Razvan "Ross" Raicu

State License # 99-1185

Date of Test : _____

Tank #	Line Temp. Variance	Tester Temp Variance	Air Modules	Test Duration	Initial Pressure	Final Pressure	Volume Displace	Leak Rate	Status Pass / Fail
1-D.	0	0	48	30/5	60	60	+/-0	+/-0.00	Pass
X									

Comments:
Temp. = Fahrenheit Degree
Air Modules = CC Units
Test Duration = Minutes
Pressure = PSI
Volume Displace = CC Units
Leak Rate = Gallons Per Hour

Tester Signature : Razvan "Ross" Raicu M.S.E.E. _____ 9-30-98

RECEIVED
SEP 1 1 1998
HDQ/MAINTENANCE

LETTER OF TRANSMITTAL

MOINE BROS.

CONTRACTORS LIC. NO. 343468

TO: WATKINS MOTOR LINES, INC.
P.O. Box 95002
Lakeland, FL 33804-5002

ATTN: Jim Raynor

DATE: September 8, 1998
PROJECT: Tank Work
LOCATION: 4500 Bandini Blvd.
Vernon

WE ARE SENDING:
- [ ] Per your request
- [ ] As requested by:
- [x] Enclosed
- [ ] Under separate cover via

FOR YOUR:
- [ ] Approval
- [ ] Revision & comments
- [ ] Use
- [ ] Distribution
- [x] Information/Files

THE FOLLOWING:
- [ ] Permits
- [ ] Prints
- [ ] Originals
- [ ] Other

COPIES	DATE	NO.	DESCRIPTION
1	9/3/98		Installation Checklist
1	1/5/98		Calibration Gauge Table
1	4/14/98		Prints

REMARKS: Jim: Original mailed to Trusco.

COPIES TO: File No. 98-030

George Lawson /B

George Lawson, Construction Manager

TRUSCO TANK INC.

THE *SUPERTANK*™

INSTALLATION CHECKLIST

Before initiating the installation of a Trusco ***SUPERTANK***, read and understand the "Installation Instructions" (IS) thoroughly. As the installation progresses, initial each task as it is performed. **Failure to complete this checklist during installation and failure to return the completed checklist within 10 days after tank installation shall prevent issuance of the Trusco *SUPERTANK* Warranty.** Trusco representatives are available to assist with any questions that may arise during installation. Please do not hesitate to contact them.

The following information is to be completed by the installation contractor and signed by both the owner, or the owner's representative, and the installation contractor.

Trusco Order No. 5296

Customer P.O. # S.Q.

Delivery Date 9-3-98

UL Label No. M531093

INSTALLATION DATE: 9-3-98 (set and backfilled)

TANK OWNER:

Name FREIGHT TERMINALS INC.

Address P.O. BOX 1738

City ATLANTA, GA. Zip 30371

Contact JIM RAINOR

Phone No. ~~404 872 3844~~ 800-456-4545 EXT. 2220

INSTALLATION ADDRESS:

Name WATKINS MOTOR LINES

Address 4500 BANDINI BL.

City VERNON Zip 90058

INSTALLATION CONTRACTOR:

Name MOINE BROS.

Address 1110 W. ANAHEIM ST. #4

City WILMINGTON Zip 90744

Contact GEORGE LAWSON

Phone No. 310 830 1570

SIGNATURES:

Contractor [signature]

Date 9-3-98

Owner or Owner's Representative

[signature] FOR JIM RAINOR

Date 9-3-98

Rev. 8/19/94

P.O. Box 11925 • Fresno, California 93775 • 209-264-4741 • Fax 209-237-3413

1/5/98

CALIBRATION GAUGE TABLE

20,000 Gallon (nominal) Primary Tank

S.O.:

U.L.:

Split Tank **No** Compartment Size (gallons)

128 1/16 " Inside Diameter x **361.375** Inside Length of Tank or Compartment

1/4" Striker Plate Allowance **Yes**

Depth Increment = **0.5**

DEPTH	VOLUME	DEPTH	VOLUME	DEPTH	VOLUME	DEPTH	VOLUME	DEPTH	VOLU
0.5	16	23.5	2,576	46.5	6,657	69.5	11,221	92.5	15,6
1	33	24	2,655	47	6,754	70	11,321	93	15,7
1.5	55	24.5	2,733	47.5	6,851	70.5	11,420	93.5	15,8
2	80	25	2,813	48	6,948	71	11,520	94	15,8
2.5	108	25.5	2,893	48.5	7,045	71.5	11,619	94.5	15,9
3	138	26	2,973	49	7,142	72	11,719	95	16,0
3.5	171	26.5	3,055	49.5	7,240	72.5	11,818	95.5	16,1
4	206	27	3,136	50	7,338	73	11,917	96	16,2
4.5	243	27.5	3,219	50.5	7,435	73.5	12,016	96.5	16,3
5	281	28	3,301	51	7,533	74	12,115	97	16,4
5.5	322	28.5	3,385	51.5	7,632	74.5	12,214	97.5	16,5
6	364	29	3,469	52	7,730	75	12,313	98	16,5
6.5	408	29.5	3,553	52.5	7,829	75.5	12,411	98.5	16,6
7	454	30	3,638	53	7,927	76	12,510	99	16,7
7.5	501	30.5	3,723	53.5	8,026	76.5	12,608	99.5	16,8
8	550	31	3,809	54	8,125	77	12,706	100	16,9
8.5	599	31.5	3,895	54.5	8,224	77.5	12,804	100.5	17,0
9	651	32	3,982	55	8,323	78	12,902	101	17,0
9.5	703	32.5	4,069	55.5	8,423	78.5	12,999	101.5	
10	757	33	4,157	56	8,522	79	13,097	102	17,
10.5	812	33.5	4,245	56.5	8,621	79.5	13,194	102.5	17,
11	868	34	4,333	57	8,721	80	13,291	103	17,
11.5	925	34.5	4,422	57.5	8,821	80.5	13,388	103.5	17,
12	984	35	4,511	58	8,920	81	13,484	104	17,
12.5	1,043	35.5	4,601	58.5	9,020	81.5	13,580	104.5	17,
13	1,104	36	4,691	59	9,120	82	13,677	105	17,
13.5	1,165	36.5	4,782	59.5	9,220	82.5	13,772	105.5	17,
14	1,228	37	4,872	60	9,320	83	13,868	106	17,
14.5	1,291	37.5	4,964	60.5	9,420	83.5	13,964	106.5	17,
15	1,356	38	5,055	61	9,520	84	14,059	107	18,
15.5	1,421	38.5	5,147	61.5	9,620	84.5	14,154	107.5	18,
16	1,487	39	5,239	62	9,720	85	14,248	108	18,
16.5	1,555	39.5	5,332	62.5	9,820	85.5	14,343	108.5	18,
17	1,623	40	5,425	63	9,920	86	14,437	109	18,
17.5	1,691	40.5	5,518	63.5	10,021	86.5	14,530	109.5	18,
18	1,761	41	5,611	64	10,121	87	14,624	110	18
18.5	1,832	41.5	5,705	64.5	10,221	87.5	14,717	110.5	18
19	1,903	42	5,799	65	10,321	88	14,810	111	18
19.5	1,975	42.5	5,893	65.5	10,421	88.5	14,903	111.5	18
20	2,047	43	5,988	66	10,521	89	14,995	112	18
20.5	2,121	43.5	6,083	66.5	10,621	89.5	15,087	112.5	18
21	2,195	44	6,178	67	10,721	90	15,178	113	
21.5	2,270	44.5	6,273	67.5	10,821	90.5	15,269	113.5	18
22	2,346	45	6,369	68	10,921	91	15,360	114	18
22.5	2,422	45.5	6,465	68.5	11,021	91.5	15,451	114.5	19
23	2,499	46	6,561	69	11,121	92	15,541	115	19

TRUSCO TANK INC.

CALIBRATION GAUGE TABLE

20,000 Gallon (nominal) Primary Tank

S.O.:
U.L. :

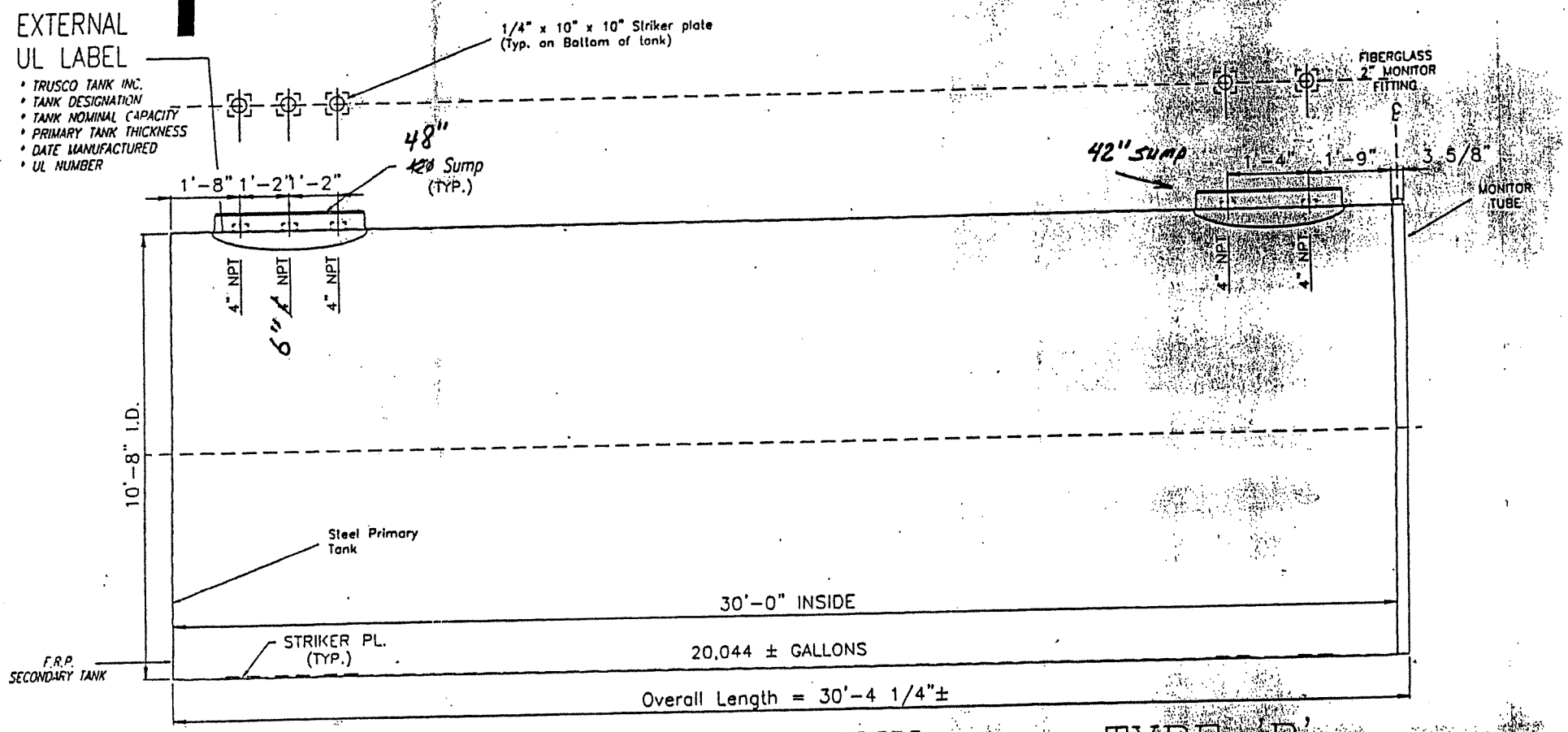
Split Tank No Compartment Size (gallons)
128 1/16 " Inside Diameter x 361.375 Inside Length of Tank or Compartment
1/4" Striker Plate Allowance Yes
Depth Increment = 0.5

DEPTH	VOLUME	DEPTH	VOLUME	DEPTH	VOLUME	DEPTH	VOLUME	DEPTH	VOLU
115.5	19,160								
116	19,219								
116.5	19,276								
117	19,333								
117.5	19,388								
118	19,442								
118.5	19,494								
119	19,546								
119.5	19,596								
120	19,644								
120.5	19,691								
121	19,737								
121.5	19,781								
122	19,824								
122.5	19,864								
123	19,903								
123.5	19,940								
124	19,976								
124.5	20,008								
125	20,039								
125.5	20,067								
126	20,092								
126.5	20,114								
127	20,132								
127.5	20,145								

S.O. 5296

TRUSCO TANK INC.

2421 E. CALIFORNIA AVE. FRESNO, CA 93721 PHONE:209-264-4741 FAX:209-237-3413



ONE 20,000 GALLON TANK TYPE 'B'

NOTES :

1) Design, construction and testing of the SUPERTANK™, conforms to Underwriters Laboratories Standard for Jacketed and Steel Underground Tanks (primary tank conforms to UL 58).
2) The secondary tank is an all fiberglass reinforced plastic tank which encapsulates and isolates the primary tank in a tight wrap configuration (i.e. is not bonded to the exterior surface of the steel tank).
3) The secondary tank may be vacuum tested to 20 in. Hg.. The tank is delivered with over 10 in. Hg. vacuum on annular space as the Manufacturer's recommended test for proof of integrity for both primary and secondary tanks.
4) Each SUPERTANK™ is deliverred with installation instructions and gauge table. One gauge stick is provided per installat
5) Both ends [illegible] ank are labeled with shipping weight, nominal gallon capacity, and UL number. [illegible] liquid sensor, vapor sensor, manual determination or

APPROVED BY: _____

APPROVAL DATE : _____

SI	APPROVAL	SHOP ORDER

UL NO. :	M531093
NOM. CAPACITY :	20,000 Gallon
LIFTING WEIGHT :	17,680 Lbs.
TANK THICKNESS :	.3125 In.
F.R.P. THICKNESS :	20 MILS NOM

INVOICE #AT000944

TEST DATE: 09/30/

AMERICAN TANK TESTING
25671 ARIA DRIVE
MISSION VIEJO, CA 92692
(714) 581-7518

TANK STATUS EVALUATION REPORT

***** CUSTOMER DATA *****

MOINE BROS.
1110 W. ANAHEIM ST.
4
WILMINGTON, CA
90744

CONTACT: GEORGE LAWSON
PHONE #: 323-269-9800

***** SITE DATA *****

WATKINS MOTOR LINES
4500 BANDINI BLVD.

VERNON, CA
90040

CONTACT: RICH MEYERS
PHONE #: 323-269-9800

***** COMMENT LINES *****

NEW INSTALL DW TANK

CURRENT EPA STANDARDS DICTATE
THAT FOR UNDERGROUND FUEL TANKS, THE MAXIMUM ALLOWABLE LEAK/GAIN RATE
OVER THE PERIOD OF ONE HOUR IS .05 GALLONS.
THIS TEST WAS PERFORMED USING THE UST2000/P LEAK DETECTOR METHOD

TANK #1: DIESEL FUEL 2 TYPE: STEEL RATE: .011395 G.P.H. LOSS

TANK IS TIGHT.

OPERATOR: ROSS RAICU;99-1185 SIGNATURE: DATE: 9/29/9

******* T A N K D A T A ********

	TANK NO. 1	TANK NO. 2	TANK NO. 3	TANK NO 4
TANK DIAMETER (IN)	128			
LENGTH (FT)	29.92			
VOLUME (GAL)	20000			
TYPE	ST			
FUEL LEVEL (IN)	89			
FUEL TYPE	DIESEL 2			
dVOL/dy (GAL/IN)	183.13			

CALIBRATION ROD	DISTANCE
1	10.65625
2	26.95313
3	41.93750
4	56.93750
5	74.93750

******* C U S T O M E R D A T A ********

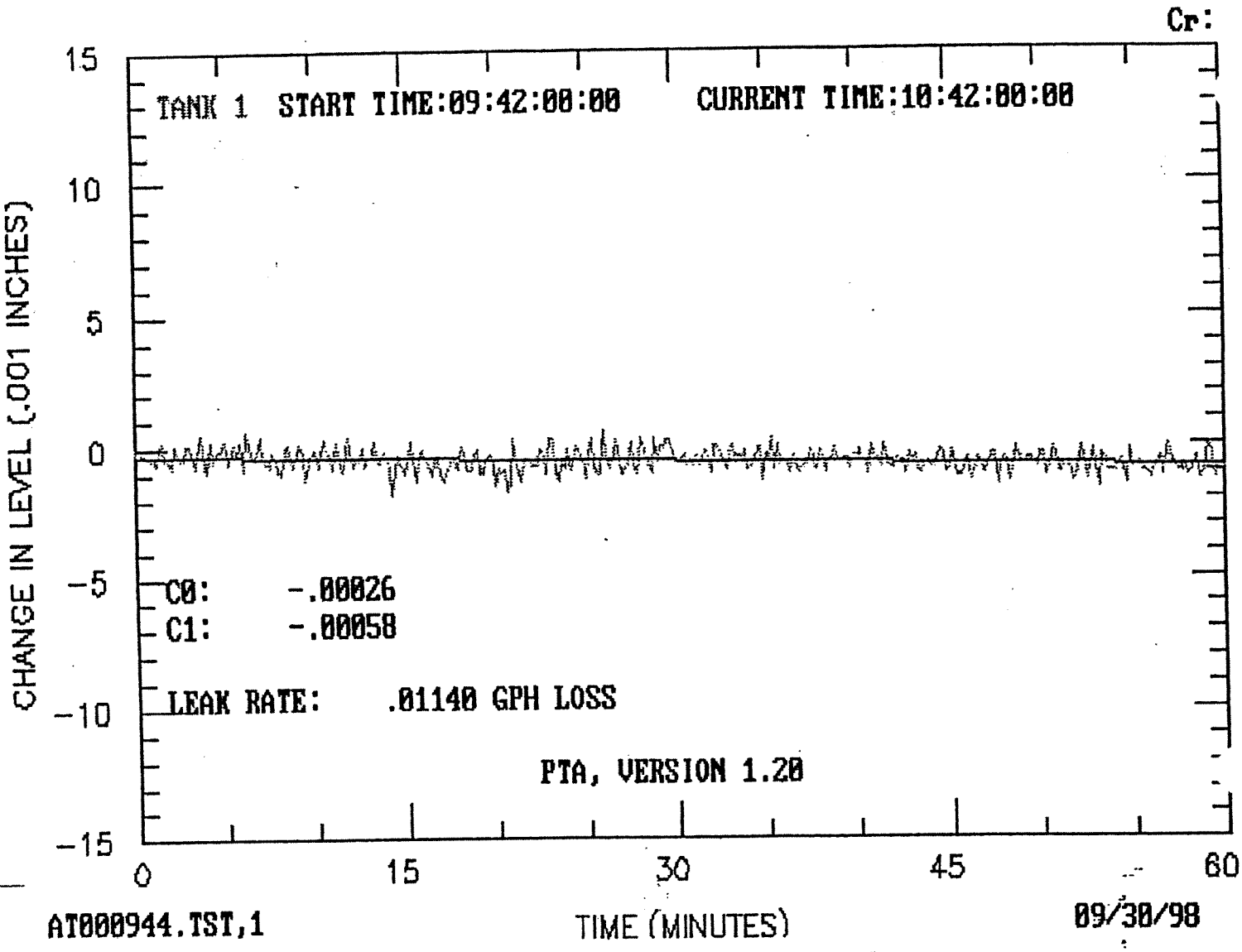
JOB NUMBER	: 000944
CUSTOMER (COMPANY NAME)	: MOINE BROS.
CUSTOMER CONTACT(LAST, FIRST)	: GEORGE LAWSON
ADDRESS - LINE 1	: 1110 W. ANAHEIM ST.
ADDRESS - LINE 2	: # 4
CITY, STATE	: WILMINGTON, CA
ZIP CODE (XXXXX-XXXX)	: 90744
PHONE NUMBER (XXX)XXX-XXXX	: 323-269-9800

******* C O M M E N T L I N E S *******

NEW INSTALL DW TANK

******* S I T E D A T A ********

SITE NAME (COMPANY NAME)	: WATKINS MOTOR LINES
SITE CONTACT(LAST, FIRST)	: RICH MEYERS
ADDRESS - LINE 1	: 4500 BANDINI BLVD.
ADDRESS - LINE 2	:
CITY, STATE	: VERNON, CA
ZIP CODE (XXXXX-XXXX)	: 90040
PHONE NUMBER (XXX)XXX-XXXX	: 323-269-9800
GROUND WATER LEVEL (FT)	: 0
NUMBER OF TANKS	: 1
LENGTH OF PRE-TEST (MIN)	: 30
LENGTH OF TEST (MIN)	: 240


Cr:
TANK 1 START TIME:09:42:00:00
CURRENT TIME:10:42:00:00
CHANGE IN LEVEL (.001 INCHES)
15
10
5
0
-5
-10
-15
C0: -.00026
C1: -.00058
LEAK RATE: .01140 GPH LOSS
PTA, VERSION 1.20
0
15
30
45
60
TIME (MINUTES)
AT000944.TST,1
09/30/98

CITY COUNCIL
LEONIS C. MALBURG
Mayor
THOMAS A. YBARRA
Mayor Pro-Tem
Wm. "BILL" DAVIS
Councilman
H. "LARRY" GONZALES
Councilman
W. MICHAEL McCORMICK
Councilman

CITY HALL

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058
TELEPHONE (213) 583-8811 • FAX (213) 581-7924
HEALTH AND ENVIRONMENTAL CONTROL

OFFICERS
BRUCE V. MALKENHORST,
City Administrator/City Clerk
DAVID B. BREARLEY,
City Attorney
VICTOR H. VAITS,
Director of Community Services
KENNETH J. DEDARIO
Director of Light & Power
LARRY SPADT,
Fire Chief
LOUIS ROSENKRANTZ
Police Chief

In Reply Refer to:

Watkins Property
4500 Bandini Bl.
Vernon, CA

March 10, 1992

Roseann C. Stevenson
Morgan, Lewis & Brokius
801 S. Grand Avenue
Twenty-Second Floor
Los Angeles, CA 90017-4615

Dear Ms. Stevenson:

Thank you for forwarding the document entitled "Report of Findings Subsurface Soil Investigation Prepared for: Watkins Motor Lines, Inc., 4500 Bandini Boulevard, Vernon, CA 90040."

The report documents an investigation to determine whether contaminants migrated onto the Watkins property from an adjacent property at 4528 Bandini Boulevard. The document is well presented and concludes that no contaminants migrated across property lines. However, the report includes one error which should be corrected. The error occurs in the introduction on Page 1-1 where it states DeWitt Transfer and Storage Company formerly leased the adjacent property from the property owner, the City of Vernon.

Actually, DeWitt Transfer and Storage owned the property until it was purchased by the City of Vernon on February 20, 1991.

If you have any questions or require further information, please contact us.

Sincerely,

Norman J. Michiels,
Health Officer

Dan C. Downing, R.E.H.S.
Environmental Health Specialist

xc: Stewart Emhof, Erm-West, 1920 Main St., Suite #600, Irvine, CA 92714

DCD:cd

si:ugtk\watkins.ltr

MORGAN, LEWIS & BOCKIUS
COUNSELORS AT LAW
801 SOUTH GRAND AVENUE
TWENTY-SECOND FLOOR
LOS ANGELES, CALIFORNIA 90017-4615
TELEPHONE: (213) 612-2500
FAX: (213) 612-2554

PHILADELPHIA
LOS ANGELES
MIAMI
LONDON
FRANKFURT

WASHINGTO
NEW YORK
HARRISBUR
SAN DIEGO
BRUSSELS
TOKYO

RECEIVED
FEB 24 1992
HEALTH AND ENVIRONMENTAL CONTROL SECTION

ROSEANN C. STEVENSON
DIAL DIRECT (213) 612-2566

February 20, 1992

VIA AIRBORNE EXPRESS

Mr. Dan Downing
City of Vernon Health Department
4305 Santa Fe Avenue
Vernon, California 90058

28807.0008

Re: Soil Sampling Test Results at Watkins Motor Lines
4500 Bandini Boulevard, Vernon, California

Dear Dan:

As promised during our February 18, 1992, telephone conversation, enclosed is a copy of the soil sampling report (the "Report") prepared by ERM-West, Inc. for the 4500 Bandini Boulevard, Vernon, California property owned by Watkins Motor Lines, Inc. (the "Watkins Property"). As you are aware, the Watkins Property borders the 4528 Bandini Boulevard, Vernon, California property currently owned by the City of Vernon, and formerly leased by Dewitt Transfer and Storage Company (the "Dewitt Property").

Watkins commissioned the Report to determine whether any of the contamination associated with the leaking underground storage tanks at the Dewitt Property migrated onto the soils at the Watkins Property. According to the Report, there is no indication that such contamination migrated onto the soils at the Watkins Property. After you have had an opportunity to review the Report, I would greatly appreciate it if you would notify me of whether or not the City of Vernon concurs with the Report's conclusions. In addition, please advise me regarding whether there is any indication that the DeWitt operations resulted in any groundwater contamination at that property.

Finally, as discussed during our telephone conversation, please provide me with a copy of the final closure report and approval letter for the remediation conducted at the Dewitt Property. We will be happy to reimburse you for any photocopy costs.

Should you have any questions or comments regarding the Report, feel free to call me or Diana Martin (213-612-2649) at your convenience.

Best regards,

Roseann C. Stevenson

Roseann C. Stevenson

RCS:jej
Enclosure

cc: Tim Hyten (w/o enclosure)

APPLICATION FOR FIRE PER[illegible] - CITY OF VERNON

DEPARTMENT OF COMMUNITY SERVICES 4305 Santa Fe Avenue • [illegible]non, California 90058 • (213) 583-8811 • FAX (213) 588-2761

WORKERS' COMPENSATION DECLARATION
(Health and Safety Code Sec. 19825)

[illegible]ereby affirm under penalty of perjury one of the following [illegible]clarations:

____ I have and will maintain a certificate of consent to self [illegible]ure for workers' compensation, as provided for by Section 3700 [illegible] the Labor Code, for the performance of the work for which this [illegible]rmit is issued.

✓ I have and will maintain workers' compensation insur[illegible]ce, as required by Section 3700 of the Labor Code, for the [illegible]rformance of the work for which this permit is issued. My [illegible]rkers' compensation insurance carrier and policy number are:
[illegible]rrier CNA
[illegible]licy Number WC1063791912

[illegible]his section need not be completed if the permit is for one [illegible]ndred dollars ($100) or less.)

____ I certify that in the performance of the work for which [illegible]is permit is issued, I shall not employ any person in any man[illegible]r as to become subject to the workers' compensation laws of [illegible]alifornia, and agree that if I should become subject to the [illegible]rkers' compensation provisions of Section 3700 of the Labor [illegible]ode, I shall forthwith comply with those provisions.

[illegible]ate: 4-30-98 Applicant: G. Lawson

[illegible]ARNING: FAILURE TO SECURE WORKERS' COMPENSATION [illegible]OVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN [illegible]MPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP [illegible] ONE HUNDRED THOUSAND DOLLARS (100,000) IN AD[illegible]TION TO THE COST OF COMPENSATION, DAMAGES AS [illegible]ROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, [illegible]TEREST, AND ATTORNEY'S FEES.

LICENSED CONTRACTOR'S DECLARATION

____ I hereby affirm that I am licensed under the provisions [illegible] Chapter 9 (commencing with Section 7000) of Division 3 of [illegible]e Business and Professions Code, and my license is in full [illegible]rce and effect.

[illegible]cense 343468 Lic.Class C61-D40
[illegible]ontractor MOINE BROS. Date 4-30-98

OWNER-BUILDER DECLARATION

____ I hereby affirm that I am exempt from the Contractor's [illegible]cense Law for the reason stated on the back side of this sheet. [illegible]omplete declaration on back of this sheet).

CONSTRUCTION LENDING AGENCY

[illegible]ereby affirm under penalty of perjury that there is a construc[illegible]n lending agency for the performance of the work for which [illegible]is permit is issued (Sec. 3097, Civ. C.).

[illegible]nder's Name _____
[illegible]none, so indicate)
[illegible]nder's Address _____

CERTIFICATION

[illegible]certify that I have read this application and state that the [illegible]formation contained herein is correct. I agree to comply with [illegible] City ordinances and State laws relating to building construc[illegible]n, and hereby authorize representatives of the City to enter [illegible]on the above mentioned property for inspection purposes.

G. Lawson 4-30-98

JOB ADDRESS: 4500 BANDINI BLVD.	CITY: VERNON	ZIP: 90040
OCCUPANT: WATKINS MOTOR LINES INC.		PHONE NO. 213 2699800
APPLICANT'S NAME: MOINE BROS.		PHONE NO. 310 8301570
APPLICANT'S ADDRESS: 1110 W. ANAHEM ST., #4,	CITY: WILMINGTON	ZIP: 90744
PROPERTY OWNER'S NAME: FREIGHT TERMINALS INC.		PHONE NO. 404 8723841
PROPERTY OWNER'S ADDRESS: P.O. BOX 1738	CITY: ATLANTA GA.	ZIP: 30371
ARCHITECT OR ENGINEER'S NAME: NONE	STATE LIC. NO.	PHONE NO.
ARCHITECT OR ENGINEER'S ADDRESS	CITY	ZIP
CONTRACTOR'S NAME: MOINE BROS.		PHONE NO. 310 8301570
CONTRACTOR'S ADDRESS: 1110 W. ANAHEIM ST. #4,	CITY: WILMINGTON	ZIP: 90744
CONTACT PERSON (PLEASE PRINT): GEORGE LAWSON OR VIRGIL CICORIA		PHONE NO. 310 8301570
LAST PREVIOUS BUILDING USE	PROPOSED BUILDING USE	

DESCRIPTION OF WORK:
REMOVE (4) 50,000 GALLON DIESEL U.S.T.'S
INSTALL (1) 20,000 GALLON DIESEL U.S.T.

APR30 '98 77A0013 12:07 AMONT 671.55

VALUATION: $ 43,000.00

SHALL BE THE TOTAL VALUE OF ALL WORK INCLUDING EQUIPMENT, MATERIAL AND LABOR.

APPLICANT: G. Lawson DATE: 4-30-98

(1) THIS FORM WHEN PROPERLY VALIDATED DOES NOT AUTHORIZE THE WORK DESCRIBED UNTIL APPROVED BY THE INSPECTOR

(2) EACH PERSON UPON WHOSE BEHALF THIS APPLICATION IS MADE AND EACH PERSON AT WHOSE REQUEST AND FOR WHOSE BENEFIT WORK IS PERFORMED UNDER OR PURSUANT TO ANY PERMIT ISSUED AS A RESULT OF THIS APPLICATION AGREES TO, AND SHALL INDEMNIFY AND HOLD HARMLESS THE CITY OF VERNON, ITS OFFICERS, AGENTS AND EMPLOYEES IN ACCORDANCE WITH THE PROVISIONS OF SECTION 7.91 OF THE CODE OF THE CITY OF VERNON.

(3) ANY PERMIT ISSUED AS A RESULT OF THIS APPLICATION BECOMES NULL AND VOID IF WORK IS NOT COMMENCED WITHIN ONE HUNDRED EIGHTY (180) DAYS FROM THE DATE OF ISSUANCE OF SUCH PERMIT.

OFFICE USE ONLY

PERMIT NUMBER	FILED WITH
DATE	DOUBLE FEE ☐ YES ☐ NO
PLANS APPROVED: FIRE	OTHER
WORKER'S COMP CHECKED BY:	EXP:
APPROVED FOR PERMIT	DATE

PLAN CHECK FEE $ 264.55

PERMIT FEE $ 407.00

REMARKS:

RECEIVED APR 30 1998 HEALTH DEPARTMENT

RECEIVED APR 30 1998 HEALTH DEPARTMENT

PRINTED ON RECYCLED PAPER

CITY COUNCIL

LEONIS C. MALBURG
Mayor

THOMAS A. YBARRA
Mayor Pro-Tem

Wm. "BILL" DAVIS
Councilman

H. "LARRY" GONZALES
Councilman

W. MICHAEL McCORMICK
Councilman

BRUCE V. MALKENHORST
City Administrator / City Clerk
FAX (323) 581-7924

CITY HALL

4305 SANTA FE AVENUE, VERNON, CALIFORNIA 90058
TELEPHONE (323) 583-8811

DAVID B. BREARLEY
City Attorney
FAX: (626) 330-5818

KEVIN WILSON
Director of Community Services & W...
FAX: (323) 588-2761

KENNETH J. DeDARIO
Director of Municipal Utilities
FAX: (323) 583-1983

DAVE TELFORD
Fire Chief
FAX: (323) 581-1385

BRUCE W. OLSON
Police Chief
FAX: (323) 583-5236

ENVIRONMENTAL HEALTH DEPARTMENT

September 1, 1999

Underground Storage Facility Permit # 2240

Environmental Profiles, Inc.
5480 Katella Ave., Suite 211
Los Alamitos, CA 90720-2823
Attn: Matthew J. Walker

Subject: Underground Storage Tank Removal and Soil Remediation documentation for "Watkins Motor Lines, Inc." located at 4500 Bandini Blvd., Vernon, CA

Dear Mr. Walker:

This letter acknowledges our receipt and review of the following documents related to the underground tank closure activities at the subject site:

- Original Site Remediation Report dated March 23, 1999.
- June 15, 1999 submittal with additional information.
- Amendment report dated July 29, 1999.

Based on our review of the above listed documents and your request of July 29, 1999, we concur that no further assessment or remedial action is required at this time, and consider the site remediation project closed.

Our acknowledgment of a satisfactory closure is based on the assumption that the information submitted in the documentation is complete and accurate. Further review or determinations may be necessary if subsequent information, which significantly affects any decision, is found.

If you have any questions or require further assistance, please feel free to contact us.

Sincerely,

Lewis J. Pozzebon
Director/Health Officer

Leonard Grossberg, M.P.A., R.E.H.S.
Environmental Health Specialist

XC: Watkins Motor Lines, Inc., 4500 Bandini Blvd., Vernon, CA 90040, Attn: Richard Meyer-Terminal Mgr.
Los Angeles County Regional Water Quality Control Board, 101 Centre Plaza Drive, Monterey Park, CA 91754-2156
City of Vernon Community Services & Public Works Dept., Attn: Bill Wilson

Lg:UT/watkinsclosure.doc